



Remedial Investigation Report

Former Oak Materials John Street
Hoosick Falls, NY
NYSDEC Site Number 442049

10 June 2022

Project No.: 0378075.002

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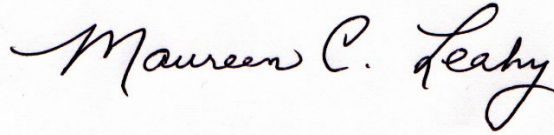
Remedial Investigation Report

**Former Oak Materials John Street
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NYSDEC Site Number 442049**

Chris W. Wenczel, P.G. and Maureen C. Leahy, Ph.D., certify that we are currently Qualified Environmental Professionals as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



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ACRONYMS AND ABBREVIATIONS

Name	Description
amsl	above mean sea level
APS	Advanced Profiling System
ASP	Analytical Services Protocol
AOPCs	Areas of Potential Concern
bgs	Below Ground Surface
(°C)	Celsius
COC	Chain-of-Custody
COC	Compounds of Concern
CAMP	Community Air Monitoring Plan
COPCs	Compounds of Potential Concern
CSM	Conceptual Site Model
DUSR	Data Usability Summary Report
DTW	Depth to Water
DSNY	Dig Safely New York
DO	Dissolved Oxygen
DER	Division of Environmental Remediation
eV	Electron Volt
EDD	Electronic Data Deliverable
EDS	Environmental Data Services, Inc.
ERM	ERM Consulting & Engineering, Inc.
FSAP	Field Sampling and Analysis Plan
FWRIA	Fish and Wildlife Resources Impact Analysis
gpd	gallons per day
GAC	Granular Activated Carbon
GPR	Ground Penetrating Radar
GPS	Global Positioning System
GV	Guidance value
HDPE	High Density Polyethylene
K	Hydraulic Conductivity
HF	Hydrogen Fluoride
IRM	Interim Remedial Measure
ITRC	Interstate Technology and Regulatory Council
IDW	Investigative Derived Waste
µg/m ³	Microgram per cubic meter
µg/kg	Micrograms per Kilogram (parts per billion)
mV	Millivolts
ng/L	Nanograms per liter (parts per trillion)
NPL	National Priorities List
NTU	Nephelometric Turbidity Units
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSGS	New York State Geological Survey
OSC	On-Site Characterization
ORP	Oxidation-Reduction Potential
ppt	Parts per trillion
PFAS	Per- and Polyfluoroalkyl Substances
PFHpA	Perfluoroheptanoic Acid
PFHxA	Perfluorohexanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PFOA	Perfluorooctanoic Acid

Name	Description
PPE	Personal Protective Equipment
PID	Photoionization Detector
PCBs	Polychlorinated biphenyls
PP	Polypropylene
PTFE	Polytetrafluoroethylene
PVC	Polyvinyl Chloride
PARCC	Precision, Accuracy, Reproducibility, Completeness, and Comparability
PCE	Tetrachloroethene
PDI	Pre-Design Investigation
P.G.	Professional Geologist
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RI	Remedial Investigation
ROW	Right-of-Way
SOW	Scopes of Work
SVOCs	Semi-volatile Organic Compounds
SC	Site Characterization
SCOs	Soil Cleanup Objectives
SpC	Specific Conductivity
SOP	Standard Operating Procedure
SCGs	Standards, Criteria and Guidance
SSC	Subsurface Clearance
TCP	Tank Closure Plan
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series
TOC	Total Organic Carbon
TVOC	Total Volatile Organic Compounds
TCE	Trichloroethene
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

The Former Oak Materials John Street property (the Site) occupies approximately 0.6-acre in the Village of Hoosick Falls in an area of mixed commercial and residential use, bounded to the west by Lyman Street, to the north by John Street, to the east by Woods Brook, and to the south by a residential property. Rensselaer County tax records indicate that the Site is zoned commercial-vacant.

Past uses of the Site, which were commercial and industrial, occurred in a three-story brick, mortar and wood building constructed in the 1890s and demolished in 2012; no structures currently exist on the Site. The Site is generally flat, gently sloping northward, covered with crushed stone and fenced to prevent unauthorized access.

The New York State Department of Environmental Conservation (NYSDEC) designated the Former Oak Materials John Street property as a “P-site” based on preliminary information that the Site and surrounding area was potentially contaminated and future site characterization was necessary. NYSDEC identified past manufacturing processes including the historical use of perfluorooctanoic acid (PFOA) in such processes as a potential source of contaminants of concern. Honeywell International Inc. (Honeywell) entered into an Order on Consent and Administrative Settlement with the NYSDEC dated 3 June 2016 (the Order; Index Number CO 4-20160415-79) to perform a Site Characterization (SC).

NYSDEC added the Site to the Registry of Inactive Hazardous Waste Disposal Sites (the Registry) as a Class 2 site in July 2017. A Remedial Investigation Work Plan (RIWP) was approved in August 2019.

Multiple phases of investigation were conducted at the Site from 2016 through 2020 as part of the SC and RI. Using a variety of indirect and direct investigative techniques to understand the physical setting, subsurface environment, composition and quality of environmental media, and interaction between groundwater and surface water in the Hoosic River, these phases of investigation undertook detailed sampling of environmental media (soil vapor, soil, groundwater surface water and sediment), inspection of historical Site features and evaluations of vapor intrusion. The multiple phases of investigation resulted in: 167 soil boring locations; 110 overburden monitoring wells and 8 bedrock monitoring wells; 37 soil vapor samples, 407 soil samples; 335 groundwater samples; 2 sediment samples, and 13 surface water samples. These samples yielded 596 analyses (all media) for per- and polyfluoroalkyl substances (PFAS); 643 analyses (all media) for Target Compound List (TCL) constituents; and 282 analyses (all media) for Target Analyte List (TAL) constituents.

The findings of the on-Site and off-Site investigation are the following for Volatile Organic Compounds (VOCs):

- Sampling of environmental media during the course of multiple phases of investigation have sufficiently characterized VOCs to permit preparation of this comprehensive RI.
- VOCs are the primary Contaminants of Concern (COCs) in soil and groundwater. VOCs dissolved in shallow and deeper sand and gravel groundwater migrate northward and discharge to the Hoosic River. Based on the results of surface water samples, the VOCs in the river are below their respective Ambient Water Quality Standard (AWQS).
- VOC concentrations in shallow and deep overburden groundwater will continue to be elevated and will persist because of three secondary sources: VOCs entrained in the on-Site clay unit; VOCs in soil residuals in the former culvert that was the subject of an Interim Remedial Measure (IRM); and, VOCs in off-Site diamict (dense lodgment till), deposits that overlie bedrock. These secondary VOC sources will present unique technical challenges to obtain further VOC mass reduction as a result of material types, i.e., silt/clay and diamict, that the VOCs reside within and accessibility, i.e., depths and overlying/adjacent structures, such as the former and current culvert structures for Woods Brook.

The findings for PFAS are the following:

- Sampling of environmental media during the course of multiple phases of investigation have sufficiently characterized PFAS, and in particular PFOA and perfluorooctanesulfonic acid (PFOS), to permit preparation of this comprehensive RI.

- PFAS in environmental media are predominantly PFOA and likely resulting from:
 - o Discrete, localized releases from beneath or immediately adjacent to the former on-Site building impacting shallow groundwater and on-Site shallow soil;
 - o Other local off-Site sources and potentially historical on-Site and off-Site air emissions, which impacted shallow soil and groundwater upgradient and cross-gradient of the Site; and,
 - o Upgradient source areas that impact deep groundwater, which flows beneath the Site and discharges to the Hoosic River.

The Conceptual Site Model (CSM) suggests that the physical features of the Site and surrounding area that represent the most significant potential pathways for COCs to move from the Site are surface runoff based on topography, infiltration and leaching to the subsurface and partitioning to groundwater, which subsequently migrates toward and discharges to the Hoosic River. A silt/clay deposit that separates the shallow overburden groundwater from the deeper groundwater in the sand and gravel thins and pinches out near the Hoosic River. In this area, deeper groundwater upwells and mixes with shallow groundwater prior to discharge to the Hoosic River.

Since 2018, NYSDEC approved and Honeywell has implemented three IRMs at the Site.

- Vapor Intrusion Mitigation IRM consists of off-Site soil vapor intrusion (SVI) screening and mitigation for VOCs in residences and one commercial property in the vicinity of the Site. A combination of passive (i.e., structural improvements) and active mitigation activities (i.e., sub-slab depressurization systems [SSDS] or air recirculation systems with activated carbon purification) were completed as warranted where access was granted. For all residential properties, these actions were performed as preventative steps against any potential future vapor intrusion.
- Shallow Groundwater IRM consisted of the installation of a permeable barrier with PlumeStop™ to address the VOC impacts in shallow groundwater leaving the Site. Performance monitoring confirms that the Shallow Groundwater IRM is operating as designed and effectively removing VOCs from shallow groundwater before it migrates off-Site. In addition, the IRM is removing PFAS from shallow groundwater before it moves off-Site.
- John Street Culvert IRM consisted of the investigation and subsequent removal of VOC-impacted soil within the old concrete culvert beneath the John Street roadway immediately adjacent to the Site. The IRM resulted in the removal of a substantial mass of impacted materials from the culvert structure.

The RI findings provide a basis for commencing a FS which will consider existing IRMs (i.e., PlumeStop™ and operation and maintenance of vapor intrusion mitigation systems) as well as other remedial technologies and controls as integral components of potential final remedial alternatives, within the context of the practicability challenges presented by the secondary VOC sources. If needed, any future data collection could be completed as part of a PDI program. The FS will also identify and evaluate VOC monitoring requirements.

1. INTRODUCTION

Honeywell entered into an Order on Consent and Administrative Settlement with the New York State Department of Environmental Conservation (NYSDEC) dated 3 June 2016 (the Order; Index Number CO 4-20160415-79) for the Former Oak Materials John Street property (the Site) (No. 442049) (NYSDEC, 2016a). NYSDEC identified past manufacturing processes including the historical use of perfluorooctanoic acid (PFOA) in such processes as a potential source of contaminants of concern.

The Site location is shown in **Figure 1**. The Order required the performance of a Site Characterization (SC) and, based on those results, the NYSDEC required follow-on Remedial Investigation (RI) and Feasibility Study (FS) to be completed for the Site.

Site Characterization (SC) work was performed in 2016 and 2017. In July 2017, NYSDEC added the Site to the Registry of Inactive Hazardous Waste Sites (the Registry) as a Class 2 site. The SC Report was submitted to and approved by NYSDEC in July 2019, followed by submission and approval of the Remedial Investigation Work Plan (RIWP) in August 2019 (ERM, 2019a; ERM, 2019b).

This RI Report presents the findings of the RI work that was performed between 2018 and 2021, as well as summaries of the SC work and the three Interim Remedial Measures (IRMs) that were conducted at the Site pursuant to State's Inactive Hazardous Waste Disposal Site (IHWDS) Program requirements. The SC, RI and IRM activities were performed with oversight from both NYSDEC and the New York State Department of Health (NYSDOH).

Other investigations are underway in and around the Village of Hoosick Falls ("Hoosick Falls Area Sites") under the oversight of the NYSDEC at varying stages in the State's IHWDS Program. Environmental media information (e.g., geologic, hydrogeologic, chemical, etc.) that has been developed during these investigations at Hoosick Falls Area Sites can provide useful additional information when evaluating environmental conditions of any one particular site. As noted in this RI Report, environmental media information that was collected for the Site is augmented by information collected at some of the other Hoosick Falls Area Sites. This additional information, which was previously reviewed and accepted by NYSDEC, is used to develop a fuller understanding of the nature and extent of environmental conditions and/or the conceptual site model.

1.1 Purpose and Objectives

The elements of the RI are aligned with NYSDEC DER-10 requirements, consistent with the approved RIWP, and are intended to meet the following objectives:

- Identify contaminant source areas;
- Define the extent and nature of the contamination;
- Generate data of sufficient quantity and quality to:
 - o Determine fate and transport of contaminants;
 - o Evaluate if potential threats to human health and the environment exist; and
 - o Support the screening/selection process for media/areas where remedial actions might be required.

The extensive work conducted during the RI has met these objectives. This RI report:

- Summarizes the phased investigative field efforts;
- Presents the associated investigative findings - both the physical environment and the associated analytical results for environmental media samples; and
- Provides interpretations that demonstrate adequate determination of the nature and extent of environmental impacts to groundwater, surface water and soils attributable to the Site.

1.2 Project Background

1.2.1 Description and History

Figures 1 and 2 show the location and layout of the Site and surrounding areas.

The approximately 0.6-acre Site is located in the Village of Hoosick Falls in an area of mixed commercial and residential use, bounded to the west by Lyman Street, to the north by John Street, to the east by Woods Brook, and to the south by a residential property. Rensselaer County tax records indicate that the Site is zoned commercial-vacant.

The past uses of the Site were commercial and industrial. A three-story mortar and wood building on the John Street site was constructed in the 1890s and demolished in 2012. There are currently no structures on the John Street Site. The Site is generally flat, gently sloping northward, covered with crushed stone and fenced to prevent unauthorized access. There are currently no plans for future use of the property; however, the Village of Hoosick Falls is considering redevelopment options for this area of the Village.

It is believed that from at least the mid-1970s to the mid-1990s, operations on this Site included the adhesive coating of various materials and the production of polyfluoroethylene- (PTFE-) coated yarn. During that period, the property was owned and operated by a number of entities, including Oak Materials Group and AlliedSignal Laminate Systems, and it was leased for a period of time by Furon.

Generally, during the yarn-coating process, fiberglass yarn was coated in a dip pan with a dispersion of premixed liquid PTFE and an organic liquid surfactant. The coated material was then cured in an oven and collected on a spool. The curing process was conducted by spooling the yarn through an oven. These operations potentially resulted at times in certain releases to the environment including historical air emissions.

1.2.2 Environmental Setting

1.2.2.1 Soil

Native soil in the area, mapped by the New York State Geological Survey (NYSGS), is primarily an alluvium and lacustrine silt and clay (Caldwell and Dineen, 1987). Localized areas of soil include coarser material associated with channel sand and glacial outwash sand and gravel (Caldwell and Dineen, 1987).

Surface soil at the Site is primarily fill material from ground surface to between eight and 17 feet below grade. Underlying native soil consists predominantly of Hamlin silt loam (USDA, 2017).

1.2.2.2 Topography

Topography in the area of the Village of Hoosick Falls and the surrounding Town of Hoosick is characterized by upland hilly areas on either side of the Hoosic River valley, which generally trends from south-southeast to north-northwest (**Figure 2**). Elevations in this area range from approximately 400 to 1,200 feet above mean sea level (amsl) with the lowest elevations found along the Hoosic River. The elevation of the Site is approximately 430 feet amsl.

1.2.2.3 Surface Waters

Surface water bodies in the area of the Village of Hoosick Falls and the surrounding Town of Hoosick include perennial streams, intermittent streams, ponds, and rivers (**Figure 2**). The major surface-water feature is the Hoosic River, which flows north-northwestward through the center of the valley.

Woods Brook is an intermittent stream that flows towards the Village of Hoosick Falls from the east (**Figure 2**). The stream is culverted beneath portions of the Village before returning to an

aboveground concrete channel located south-southeast of the Site. Woods Brook then flows generally northward along the east side of the Site and discharges into the Hoosic River.

1.2.2.4 Geologic/Hydrogeologic Setting

Area-wide unconsolidated geologic material above bedrock (collectively referred to as overburden) typically consists of the following deposits starting from the ground surface:

- Fine-grained alluvium (predominantly silt and clay) deposited in the Hoosic River valley.
- Coarse-grained alluvium, consisting predominantly of sand and gravel, also deposited in the Hoosic River valley.
- Glaciolacustrine brown and gray silt and clay.
- Glacial outwash (predominantly sand and gravel) deposited by glacial meltwaters.
- Diamict (dense lodgment till), which is typically a dense, compact, poorly-sorted mixture of silt, clay, sand, gravel, cobbles, and boulders deposited by glaciers.

Bedrock in the area consists predominantly of dark gray to black slate mapped by the NYSGS as the Walloomsac Formation (Potter, 1972). The area has been subject to complex structural deformation including folds and thrust faults (Potter, 1972). The resulting bedrock stratigraphy and structural geology of the area is variable and complex.

Images of these key geologic materials and textures are shown in **Figure 3**. A typical local stratigraphic column is shown in **Figure 4**.

Groundwater in the unconsolidated overburden flows toward the Hoosic River. Groundwater flow in bedrock occurs predominantly through joints, fractures, faults, and foliation in the bedrock.

1.2.2.5 Local Potable Water Sources

There are no private or public potable water wells identified within 0.25 mile of the Site.

The Village of Hoosick Falls' municipal well field is located east of the Hoosic River and south of the Site (**Figure 2**). The system is classified by the New York State Department of Health (NYSDOH) as "groundwater under the direct influence of surface water". The two wells that are currently active (well numbers 6 and 7) have total well depths of 55 and 70 feet, respectively (CHA, 2006). The system is rated for one million gallons per day (gpd) and provides treatment using two banks of microfiltration membrane filter units. Granular activated carbon (GAC) has been utilized to remove PFOA from the water since February 2016.

1.3 Administrative History and Interim Actions

1.3.1 Site Characterization (SC)

In 2016, the SC work was performed with NYSDEC oversight in accordance with the NYSDEC-approved SC Field Sampling and Analysis Plan (ERM, 2016a) and the Memorandum on Additional Phase I Site Characterization (ERM, 2016b).

The results of the SC are presented in the July 2019 SC Report, Former Oak Materials Fluorglas Division—John Street (ERM, 2019a). The SC Report describes the field efforts and associated analytical results for environmental media samples.

The SC work detected the presence of the following compounds at concentrations exceeding current potentially applicable NYS Standards, Criteria and Guidance (SCGs: Section 1.5):

- Volatile organic compounds (VOCs), primarily trichloroethene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA) in:
 - o Soil and groundwater on-Site; and

o Groundwater off-Site.

- Minor detections of semi-volatile organic compounds (SVOCs) in shallow on-and off-Site soils; and on-Site groundwater; and
- Minor detections of metals (copper and nickel) in shallow soils at three on-Site locations.

Per- and polyfluoroalkyl substance (PFAS) including PFOA were detected in on- and off-Site soils and groundwater, however at the time of completion of the SC, no standards or guidance values for PFAS in groundwater were available and soil values did not exceed the then applicable USEPA guidance value of 1,000 micrograms per kilogram (µg/kg)¹.

In July 2017, the Site was added to the Registry of Inactive Hazardous Waste Disposal Sites (the Registry) as a Class 2 site (Site No. 442049).

1.3.2 Interim Remedial Measures

During the period 2017 to 2020, three IRM projects were approved by NYSDEC and completed:

- Off-Site soil vapor intrusion screening and mitigation for VOCs in 26 residential and one commercial property;
- Installation of a permeable barrier to address the VOC impacts to shallow groundwater leaving the Site; and
- Investigation and subsequent removal of VOC-impacted soil within an old concrete culvert beneath the John Street roadway immediately adjacent to the Site.

Summaries and key results of the IRMs are presented in Section 3.

1.3.3 Remedial Investigation

RI work commenced in 2018 following interim work scope approvals and final approval of the RIWP (ERM, 2019b). The work has been completed in three phased/iterative mobilizations during 2018, 2019, and 2020.

1.4 Identified Contaminants of Potential Concern

Contaminants of potential concern (COPCs) and areas of potential concern (AOPCs) were identified for the Site based on SC results.

COPCs include PFAS, VOCs, SVOCs and metals, which have been detected in on-Site and off-Site soil and/or groundwater samples at concentrations exceeding potential SCGs. COPCs are summarized in **Table 1**.

Cyanide, polychlorinated biphenyls (PCBs) and pesticides were not detected in any SC samples at concentrations above potentially applicable NYS SCGs. Therefore, these analytes were removed from future sampling and analysis programs.

1.5 Standards, Criteria and Guidance

The following NYS standards and criteria apply to this project:

- 6 NYCRR Part 375 - Environmental Remediation Programs;
- 6 NYCRR Part 608 - Use and Protection of Waters;
- 6 NYCRR Parts 700-706 - Water Quality Standards; and
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response.

¹ In May 2016, the USEPA issued a site-specific Removal Management Level (RML) for Residential Soil for Hoosick Falls of 1,000 µg/kg for the combined level of PFOA and PFOS (USEPA 2016b; USEPA, 2016c).

The following guidance were also considered:

- DER-10 – Technical Guidance for Site Investigation and Remediation (May 2010);
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs dated June 2021 (NYSDEC, 2021a);
- NYS Maximum Contaminant Levels for perfluorooctanoic acid (PFOA), perfluorooctane sulfonic acid (PFOS), and 1,4-dioxane dated August 2020 (NYCRR, 2020);
- United States Environmental Protection Agency (USEPA) Drinking Water Health Advisory for PFOA and perfluorooctane sulfonic acid (PFOS) dated May 2016 (USEPA, 2016a);
- NYSDEC Division of Spills Management - Sampling Guidelines and Protocols: Technologies Background and Quality Control/Quality Assurance for the NYSDEC Spill Response Program (NYSDEC, 1992);
- Technical and Operational Guidance Series (TOGS) 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations (NYSDEC, 1998); and
- Screening and Assessment of Contaminated Sediment, NYSDEC Division of Fish, Wildlife and Marine Resources, Bureau of Habitat dated 24 June 2014 (NYSDEC, 2014).
- New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006 (NYSDOH, 2006).

Sample results were compared to applicable NYS standards, criteria, and guidance (SCGs) by media as summarized below.

1.5.1 Groundwater

Groundwater results are compared to NYS Class GA ambient water quality standards and guidance values (NYSDEC, 1998) for target compound list (TCL) organic compounds and target analyte list (TAL) inorganic constituents. NYS does not have Ambient Water Quality Standards (AWQS) including Class GA (potable) groundwater² for PFOA, PFOS, or other PFAS.

On August 26, 2020, NYS adopted maximum contaminant levels (MCLs) of 10 parts per trillion (10 ppt) each for PFOA and PFOS, and 1 part per billion (1 ppb) for 1,4-dioxane (NYCRR, 2020).

For groundwater, the current NYSDEC 2021 PFAS guidance document (NYSDEC, 2021a) states that the extent of contaminated media potentially subject to remediation should be determined on a case-by-case basis using the criteria in DER-10 and the following procedures:

- PFOA and PFOS should be further assessed and considered as potential contaminants of concern in groundwater if PFOA or PFOS is detected in any water sample at or above 10 nanograms per liter (ng/L);
- Is determined to be attributable to a site, either by a comparison of upgradient and downgradient levels, or the presence of soil source areas, as defined below; and
- If PFOA and/or PFOS are identified as contaminants of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.

1.5.2 Soil

Soil results are compared to NYS Soil Cleanup Objectives (SCOs; NYSDEC, 2006) for the current land use for TCL and TAL constituents. NYSDEC has issued guidance values for PFOA and PFOS for soil (NYSDEC, 2021a). Soil results for PFOA and PFOS are compared to the

² Ambient water quality, relates to water bodies such as lakes, rivers, and oceans. New York State has developed standards and guidance values for specific classes of fresh and saline surface waters and fresh groundwaters for protection of the best uses assigned to each class. See TOGS 1.1.1. (NYSDEC, 1998).

current guidance values based on anticipated Site use. NYS does not yet have SCOs for other PFAS compounds.

1.5.3 Surface Water

The Hoosick River in the vicinity of the Site is classified as C(T), a Class C waterbody, suitable for general recreation use and support of aquatic life, but not as a water supply or for public bathing, and is also designated as a cold water (trout) fishery.

Surface water samples are compared to the surface water Type H(FC): Human Consumption of Fish, Class A/A-S/AA/AA-S/B/C/D SCGs for TCL and TAL constituents (NYSDEC, 2016b).

As per NYSDEC PFAS guidance (NYSDEC, 2021a), surface water results were compared to guidance values (GVs) of 10 ng/L for both PFOA and PFOS. The guidance document states that PFOA and PFOS should be further assessed and considered as potential contaminants of concern in surface water if PFOA or PFOS is detected in any water sample at or above 10 ng/L and is identified as a contaminant of concern for a site, they should be assessed as part of the remedy selection process in accordance with Part 375 and DER-10.

On October 6, 2021, NYSDEC released draft water quality GV's for PFOA, PFOS, and 1,4-dioxane (NYSDEC, 2021b), as part of a draft addendum to TOGS 1.1.1: Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (NYSDEC, 1998). This addendum is supplemented by a draft guidance for implementing GV's for PFOA, PFOS, and 1,4-dioxane (NYSDEC, 2021c).

1.5.4 Sediment

No sediment samples were collected during the RI. The locations of sediment samples collected during the SC do not specifically fit the descriptions provided in NYSDEC sediment guidance, which is intended for projects that investigate potential risks to aquatic life (NYSDEC, 2014). For the purpose of this investigation, the results of designated sediment samples are compared to the Bioaccumulation-based Sediment Guidance Values (BSGV) for the protection of human health (fish consumption) and wildlife for TCL and TAL constituents and USEPA soil screening values for PFOA and PFOS.

Preliminary target levels for cleanup of PFOA and PFOS in sediment have not yet been established by NYSDEC.

1.5.5 Soil Vapor

Soil vapor results are presented without comparison, as NYS SCG values for soil vapor do not exist except for soil vapor directly beneath an occupied building.

2. SITE INVESTIGATION SCOPE AND METHODS

The SC commenced in 2016 and was completed in two phased/iterative mobilizations ending in 2017. The SC scope of work and findings are fully documented in the Final July 2019 Final SC Report. The findings of the SC informed the basis for the initial RI scope of work.

The RI work commenced in 2018 following interim work scope approvals and final approval of the RI Work Plan (ERM, 2019b). The detailed RI scope of work, field operations protocols and procedures are fully described in the approved work plan documents that include a Field Sampling and Analysis Plan (FSAP), Quality Assurance Project Plan (QAPP), Community Air Monitoring Plan (CAMP), and a Health and Safety Plan (HASP). The RI has been completed in three phased/iterative mobilizations during 2018-2021. In addition, three IRMs were also completed during 2017-2020. The scopes of the RI activities are summarized in list-form below and **Table 2**, and the findings thereof, including the IRMs, are presented in the remainder of this RI Report.

■ All Mobilizations

- Project Initiation/Mobilization/Site Management-Control/Coordination with NYSDEC and Village of Hoosick Falls
- Community Air Monitoring
- Subsurface Utility Location/Subsurface Clearance
- Elevation/Location Surveys by NYS-licensed Land Surveyor
- Sample Analyses and Assessment of Data Quality
- Disposal of Investigative-Derived Waste

■ 2017 Site Characterization Follow- Up Actions

- Soil Vapor Intrusion Investigation/Mitigation
- Development of RI Scope of Work

■ 2018 Remedial Investigation Tasks

- Surface/Near Surface/Subsurface Soil Sampling
- Bedrock Groundwater Monitoring Well Development/Installations/Sampling
- Bedrock Well Borehole Geophysical Logging
- Groundwater and Surface Water Level Gauging
- Hydrogeological Evaluation (Slug Testing)
- On-Site Metals Delineation Soil Borings/Sampling
- Clay Borings/2018 Shallow Groundwater IRM Pre-design Investigation
- Sanitary Sewer Utility Trench Borings
- Soil Vapor Intrusion Investigation/Mitigation

■ 2019 Remedial Investigation Tasks

- Surface/Near Surface/Subsurface Soil Sampling
- Groundwater Monitoring Well Development/Installations/Sampling
- Groundwater and Surface Water Level Gauging
- Potential Former Underground Fuel Oil Storage Tank Survey
- Phase I – Infrared Drone Aerial Survey of Hoosick River
- Shallow Groundwater IRM Baseline Groundwater Sampling and Deployment
- Initial Culvert Investigation and Response Scoping
- Soil Vapor Intrusion Investigation/Mitigation

■ 2020 Supplemental Remedial Investigation Tasks

- o Surface/Near Surface/Subsurface Soil Sampling
- o Groundwater Monitoring Well Development/Installations/Sampling
- o Groundwater and Surface Water Level Gauging
- o Potential Former Underground Fuel Oil Storage Tank Survey
- o Phase II - Groundwater - Surface Water Study (Pore Water/Surface Water Sampling)
- o Shallow Groundwater IRM Performance Monitoring Groundwater and Soil Vapor Sampling and Deployment
- o Culvert Remediation
- o Soil Vapor Intrusion Investigation/Mitigation
- **2021 Supplemental Remedial Investigation Tasks**
 - o Shallow Groundwater IRM Performance Monitoring Groundwater and Soil Vapor Sampling and Deployment
 - o Soil Vapor Intrusion Investigation/Mitigation

3. INTERIM REMEDIAL MEASURE SUMMARIES

3.1 Shallow Groundwater IRM

3.1.1 Overview

An IRM was approved by DEC on 18 June 2019 and undertaken to address the VOC impacts leaving the Site in shallow groundwater. In support of developing/designing an IRM, pre-design investigation (PDI) activities and studies were undertaken during 2018 for delineation of VOCs (primarily TCE and 1,1,1-TCA) in on-Site shallow soil and groundwater and to evaluate the viability of physical, chemical and biological technologies for treatment of the primary VOCs (ERM, 2018a). All PDI data resulting from the field investigations and pre-design bench-top laboratory studies were reported in the 2019 Shallow Groundwater IRM Work Plan (ERM, 2019c) and are summarized below, along with relevant information collected during the SC and RI activities.

Although the PDI indicated that the majority of the VOC mass is in the silt-clay unit, migration of VOCs in shallow groundwater in the sand and gravel unit is a likely source of VOCs to indoor air in nearby buildings. The sand and gravel unit is also easily accessible and amenable to implementation of a number of remediation technologies, which limit disruption to the surrounding residences and businesses.

Based on these factors, the shallow sand and gravel groundwater unit was chosen for implementation of an IRM consisting of a permeable barrier using a mixture of PlumeStop™, a colloidal carbon material similar to activated carbon, to adsorb VOCs and retard their migration, and Zero-Valent Iron (ZVI) to enhance degradation of COCs within the barrier. The IRM was implemented during November 2019 in accordance with the approved work plan and modifications (ERM, 2019c; 2019d, 2019e). The general overview and configuration of the Shallow Groundwater IRM is shown in **Figure 5**.

3.1.2 Summary of Shallow Groundwater IRM Results

The groundwater performance monitoring results from six (6) temporary performance monitoring wells and several permanent groundwater monitoring wells located upgradient, within and downgradient of the permeable barrier zone confirm that the IRM is operating as designed and effectively removing VOCs from shallow groundwater and reducing the migration of VOCs in shallow groundwater off-Site. In addition, the IRM is removing PFAS from shallow groundwater. The final construction details and performance monitoring results for the first 15 months of operation are presented in the September 2021 Draft Shallow Groundwater IRM Construction Completion Report (ERM, 2021).

3.1.2.1 VOCs

TCE concentrations in shallow groundwater for the temporary performance monitoring wells and permanent groundwater monitoring wells for the baseline sampling and the first 15 months of post-injection are presented in **Figures 6 and 7**, respectively.

Initial baseline TCE concentrations in groundwater samples collected from wells within and immediately downgradient of the permeable barrier zone ranged from 42 to 270 micrograms per liter (µg/L). TCE concentrations at these well locations plus upgradient well IRM-TW-002 dropped to near or below the detection limits during the first month following the IRM implementation and have remained below the NYS GA Standard of 5 µg/L for TCE through February of 2021 (15 months). Similar results are observed for other VOCs such as 1,1,1-TCA and cis-1,2-dichloroethene for which concentrations decreased and remain below or just slightly above their respective GA standards.

The plots show that TCE concentrations in groundwater samples collected from wells upgradient of the permeable barrier zone either remained at similar baseline concentrations or

fluctuated over the 15-month period. The decrease in VOC concentrations at the location of upgradient well IRM-TW-002 indicate that the injections reached this area.

The dissolved gases data (ethene and ethane) do not indicate any concentration trends that can be attributed to operation of the IRM.

3.1.2.2 PFAS

PFOA concentrations in shallow groundwater for the temporary performance monitoring wells and permanent groundwater monitoring wells for the baseline sampling and the first 15 months of post-injection are presented in **Figures 8 and 9**, respectively.

Initial baseline PFOA concentrations in groundwater samples collected from wells within and immediately downgradient of the permeable barrier zone were as high as 2,800 ng/L. PFOA concentrations in groundwater decreased to near or below the detection limit during the first month following the IRM implementation and have remained at those levels through February of 2021 (15 months). Similar results are observed for other PFAS.

The IRM continues to operate passively. Under the draft Interim Site Management Plan (ISMP), included in the draft September 2021 Construction Completion Report, groundwater performance monitoring will continue with progress reporting (ERM, 2021).

3.2 John Street Culvert IRM

3.2.1 Overview

On 14 November 2019, a sewer contractor that was implementing a sanitary sewer upgrade project for the Village of Hoosick Falls (Village) encountered and opened up an old concrete culvert in the John Street roadway to the north of the Site. Historical information indicates this structure was associated with the former alignment of the Woods Brook channel that ran through the Site, from south to north beneath the former building and continuing beneath John Street. The culvert had been abandoned during the 1950-1952 US Army Corps of Engineers (USACE) Flood Control project when Woods Brook was moved to its current location within the open-channel concrete culvert abutting the east side of the Site. A search of available historical records had found no information regarding the construction or dimensions of the old concrete culvert structure.

The culvert contained material and debris that had settled out of the Brook when it was in use. These materials were sampled by the Village's sewer contractor and found to contain VOCs (primarily TCE and 1,1,1-TCA) and SVOCs (primarily naphthalene). Organic solvents were encountered both as free product and bound to the solid materials in the culvert. The NYSDEC was notified and a spill report was opened on 14 November 2019 and closed on 27 November 2019.

The IRM was completed in general conformance to the NYSDEC Spill Response Guidance and NYSDEC DER-10. NYSDEC designated the IRM as an emergency/time critical IRM and, as per Section 1.1(b)2 of DER-10, certification requirements described in DER-10 Section 1.5 were not applicable.

3.2.1.1 Phase 1 Culvert IRM Response

In light of the potential connection of the VOCs/SVOCs to the Site, Honeywell undertook rapid response actions to secure the excavation temporarily until an IRM could be planned and completed.

Honeywell immediately developed an engineered approach to backfill and temporarily secure the culvert that was proposed in a Phase 1 work plan submitted to NYSDEC on 22 November 2019 (ERM, 2019f). Following discussions with NYSDEC and approval of the Phase 1 work plan, Honeywell's consultants and subcontractors mobilized the equipment, supplies and

personnel to implement the Phase 1 scope on 26 November 2019. The work was completed in one day.

3.2.1.2 Phase 2 Culvert IRM

On 5 December 2019, Honeywell notified NYSDEC that it would undertake further investigations and implement an IRM to address the impacted materials identified in the culvert. Honeywell developed and submitted to NYSDEC the Phase 2 Culvert Investigative/Removal Action Work Plan (Work Plan) on 16 January 2020 for a pre-remedial design investigation and an IRM to remove VOC-impacted materials from the culvert (ERM, 2020). The Work Plan was approved by NYSDEC on 16 January 2020.

In early February 2020, pre-IRM investigative activities included geophysical surveys and soil borings/sampling to identify the former Woods Brook channel immediately to the north of the culvert and investigate soil quality beneath the culvert. Ground penetrating radar was used to identify the alignment of the backfilled former Woods Brook channel immediately to the north of the culvert and soil borings were performed along the alignment as shown in **Figure 10**.

The soil boring/sampling investigative results indicated VOC impacts (TCE and 1,1,1-TCA) to soil within the former Woods Brook alignment (Section 3.2.1) at concentrations in excess of their respective New York State Part 375 SCOs for protection of groundwater. Concentrations declined with increasing distance northerly across the commercial property. Detected VOC concentrations in all soil samples were all below the SCOs for Commercial Use.

Soil samples collected from beneath the culvert structure and the roadway via angled borings also contained VOCs (TCE, 1,1,1-TCA and 1,1-dichloroethane {1,1-DCA}) at concentrations exceeding their respective SCOs for protection of groundwater but were all below the commercial SCOs.

3.2.1.3 Culvert IRM Implementation

The IRM removal action was completed from 17 February to 3 March 2020. Investigative and post-IRM soil sampling results for 1,1,1-TCA and TCE are shown in **Figure 10**. The following is the IRM implementation summary.

- Material removal beneath the culvert continued until visibly/grossly contaminated material was no longer encountered. To the south, underground utilities/structures prevented further removal and, to the north, removal was not possible beyond the culvert terminus.
- Material removal extended down to and into the top of a clayey silt layer occurring ~12 feet below ground surface (bgs) across the entire footprint of the culvert excavation. Excavation deeper than the culvert wall footing (~12 feet bgs) was not possible due to the potential to undermine the structural stability of the footings.
- Post-IRM soil sampling results indicate VOC impacts to soil in the floor, north and south excavation walls at concentrations in excess of the SCOs for protection of groundwater but are below the SCOs for Commercial Use.

In summary, a major source of contamination was addressed through this IRM with 147 tons of materials removed from the culvert and 1,265 gallons of decontamination waste water taken off-Site for disposal.

3.3 Vapor Intrusion Mitigation

The detection of VOCs in shallow groundwater during SC activities indicated the potential for vapor intrusion into commercial and residential buildings in the vicinity of the Site. Soil vapor intrusion (SVI) investigations, conducted between 2017 and 2021 as access to individual properties was obtained, were followed by mitigation activities at select properties, as described below.

3.3.1 Overview

Exceedances of the NYSDEC GA standards for several VOCs, including TCE and 1,1,1-TCA, were detected in shallow groundwater samples collected from Waterloo Advanced Profiling System (APS) points installed during the SC. Based on these preliminary data, the potential for vapor intrusion in occupied buildings existed and a soil vapor intrusion work plan was submitted to and approved by NYSDEC in February 2017 (ERM, 2017a). The area targeted for SVI investigations included all buildings downgradient of the Site and in the immediate vicinity of the Site as shown on **Figure 11**. In 2017, this targeted area included 42 properties (parcels) with 36 buildings on 35 properties and no buildings on seven properties. Access for SVI sampling has been granted for 26 buildings. Of the remaining 10 buildings with no access, six are occupied and four are unoccupied.

3.3.2 Summary of Results

Initial SVI sampling was conducted during the heating season (November 15, 2017 through March 31, 2018) after access was granted. Subsequent SVI sampling events were also conducted during the heating season with the most recent sampling completed in 2021. Initial sampling consisted of indoor air sampling in the lowest occupied level of the building, soil gas sampling beneath the building slab or earthen floor, and an outdoor upwind air sample collected in six-liter SUMMA[®] canisters with calibrated 24-hour flow controllers, in accordance with NYSDOH SVI guidance and the approved work plan (NYSDOH, 2006; ERM, 2017a). Additional SVI sampling in subsequent years was conducted at some properties at the request of NYSDOH. These data have been reported to NYSDEC and NYSDOH after each sampling event in 2017 through 2021 with summary reports provided to NYSDEC and NYSDOH in 2017 and 2019 with data through January 2019 (ERM, 2017b; ERM, 2019g). Another summary report is anticipated to be submitted in 2022.

Additional data collection activities were conducted at five select buildings to further evaluate the vapor intrusion potential after initial mitigation actions were conducted as discussed below. These activities included collecting vapor measurements in basements along walls at cracks and joints and near pipe entry points, sumps, and soil gas sampling ports using a high sensitivity (part per billion) photoionization detector; sump inspections and collection of water samples from sumps; and collection of differential pressure readings between the basement and outdoor air and at one property between the basement and the subsurface. These activities were conducted in accordance with an approved work plan (ERM, 2018b) and the results were reported in the 2019 SVI summary report (ERM, 2019g). The results of these investigations did not indicate the presence of preferential vapor migration pathways into the basements or crawlspaces and differential pressure measurements indicated equal to slightly positive pressure in basements.

Based on the SVI investigation data, NYSDOH recommended that mitigation actions be implemented at 11 occupied buildings. Indoor air concentration of TCE in the lowest occupiable level exceeded NYSDOH's guidance value of 2 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in only one building; however, mitigation actions to reduce the potential of future vapor intrusion in the buildings was deemed advisable by NYSDOH. Access for mitigation activities was granted for ten buildings; the remaining building is currently in foreclosure. Of the ten buildings which granted access, nine buildings subsequently had active mitigation systems installed plus basement sealing actions and one building had basement sealing actions only, as described below.

Initial mitigation activities, which were dependent on the condition and structure of the basement or crawlspaces, consisted of sealing of the basement floor, pouring a new concrete floor where only an earthen floor existed, patching walls, installing new sumps or sealing existing sumps, and other actions. In some cases, these initial activities were performed a year or two in advance of installing an active mitigation. Following these initial actions, active mitigation systems consisting of sub-slab depressurization systems (SSDS) or air recirculation systems

with activated carbon purification were installed in nine buildings. Details of these mitigation activities are provided in the individual Construction Completion Reports, which were approved by NYSDEC in 2021, and the 2019 SVI summary report (ERM, 2019g).

Honeywell performs operation and maintenance of the active mitigation systems which includes annual site inspections and response to alarms or requests by property owners as needed with annual reporting to NYSDEC and NYSDOH.

4. REMEDIAL INVESTIGATION RESULTS

This section presents the results of the multiple phases of on- and off-Site investigations and includes interpretive summaries of:

- Community air monitoring procedures and results;
- Subsurface utility geophysical and subsurface clearance methods;
- On-Site surface geophysical survey for a potential fuel oil underground storage tank (UST);
- Installation of the groundwater monitoring well network including bedrock borehole geophysical survey results;
- Geologic/hydrogeologic environment upgradient, beneath and downgradient of the Site including hydraulic testing results, groundwater elevations data, hydraulic gradients and estimated groundwater flow velocities for the shallow and deep sand and gravel units;
- Groundwater/surface water interaction study;
- Analytical results of soil vapor, soil, groundwater, surface water and sediment sampling including data usability evaluation results; and
- Management of Investigative Derived Wastes (IDW).

4.1 Community Air Monitoring

The Community Air Monitoring Program (CAMP) results indicated the following:

- Particulate Results: No 15-minute averages in excess of 150 $\mu\text{g}/\text{m}^3$ CAMP action level were observed during the investigative or IRM activities.
- Volatile Organic Compound (VOC) Results: No VOC concentrations exceeded the 15-minute action level during the investigative or IRM activities.

In accordance with the CAMP, fugitive dust monitoring was performed using a DustTrak 8530 particulate meter during ground intrusive activities. The action level of 150 $\mu\text{g}/\text{m}^3$ over a fifteen-minute period was not exceeded during site characterization activities. Furthermore, minimal visible airborne dust was observed leaving the work areas. Continuous monitoring for VOCs using a MiniRAE 3000 PID was also performed during all ground intrusive activities.

4.2 Subsurface Utility Geophysical Location/Subsurface Clearance

Dig Safely New York (DSNY) was notified prior to the initiation of intrusive activities at the property. DSNY identified, located, and marked utilities in areas proposed for subsurface investigation. New York Leak Detection (NYLD) or Ground Penetrating Radar Services (GPRS) were retained to evaluate all proposed drilling locations using ground penetrating radar (GPR), magnetometry/metal detection, inductive cable/pipe location, and other appropriate techniques. At a minimum, a 10-foot radius around each planned drilling location was scanned for subsurface utilities prior to the initiation of the work. Each drilling location was physically cleared using an air knife and/or hand tools to a minimum of five feet below ground surface. Proposed sampling locations were adjusted in the field as necessary based on the results of subsurface clearance efforts.

4.3 Potential Former Underground Fuel Oil Storage Tank

A Records Search and document review was performed as part of the SC in conformance with applicable requirements contained in the Order and Appendix 3A of DER-10 (NYSDEC, 2010). The Records Search was undertaken to identify relevant historical environmental documentation and the results thereof were presented in the John Street SC Report.

Records presented in the Environmental Data Resources (EDR) report indicated that a tank was closed and removed in 1995 from John Street Fluorglas, Allied Signal Inc. The tank location plots to the middle of Church Street at the intersection of John and Church Streets by Key Bank, based on the coordinates provided in the EDR report. Historical information indicates that a 10,000-gallon fuel oil underground storage tank (UST) was present at the Site.

Given the footprint and age of the former John Street building, the UST likely would have been located on the south end of the Site but no specific information is available to document the tank's location nor there are any records indicating closure in-place or removal. GPR surveys on the Site have not identified any UST. Soil borings and soil and groundwater samples collected from the southern portion of the site do not indicate the presence of fuel oil constituents.

On 27 August 2019 and then again on 17 August 2020, additional GPR surveys were completed on the southern area of the Site and no subsurface results were indicative of a UST presence. Based on these findings, it has been concluded that no UST remains present on the Site and no further action is required.

4.4 Groundwater Well Installations

Information about all 118 groundwater monitoring wells (110 overburden and 8 bedrock) associated with the Site is presented in **Table 3**. On-Site wells are designated with the prefix "JS"; off-Site wells within the investigation area associated with the Site are designated with the prefix "OS". The locations of 44 on-Site and 74 off-Site groundwater monitoring wells are shown in **Figure 12**.

Continuous soil cores were collected from an exploratory soil boring performed from ground surface to the top of the bedrock at each well/well cluster location using direct-push or roto sonic drilling equipment. Soil boring and well construction logs associated with the Site are presented in **Appendix A**. Groundwater development and sampling logs associated with the Site are presented in **Appendix B**.

Monitoring well locations and elevations were surveyed by a New York-licensed surveyor.

4.4.1 Overburden

Monitoring wells were installed in two phases of the SC (2016 and 2017) and three phases during the RI (2018, 2019 and 2020). One hundred ten (110) overburden wells (42 on-Site and 68 off-Site) were installed at selected depth intervals based on the texture, relative permeability, and thickness of subsurface geologic units observed during exploratory borings at each location. Between one and four overburden monitoring wells with different screened intervals were installed at each location, as summarized below:

Well Interval Designation	Screened Interval Description
A	Straddling or just below the water table
B	Below the clay unit near the top of the underlying sand and gravel
C	Near the bottom of the overburden deposits
D	Near the bottom of the overburden deposits*

* "D" series wells were generally installed when the thickness of the deep sand and gravel deposits was greater than 50 feet to provide for well screen vertical separations of no more than 30 feet or when an intermediate diamict/clay layer was encountered creating separated saturated intervals in the deep sand and gravel unit.

4.4.2 Bedrock

The objective of the bedrock investigation was to evaluate the hydrogeologic relation between the shallow bedrock and the overlying overburden, and groundwater quality in shallow bedrock. Eight (8) bedrock wells (two on-Site and six off-Site) were installed adjacent to existing overburden well clusters, developed, and completed as flush-mount installations with approximately 25-foot open borehole intervals.

Bedrock monitoring wells were constructed by cementing steel isolation casing a minimum of ten feet into competent bedrock, followed by an open-hole well completion using wire line rock coring or air-hammer drilling techniques. Rock cores were collected during bedrock drilling for evaluation of Site geology and to identify potential pathways controlling groundwater flow.

4.4.2.1 Borehole Geophysical Logging

The objectives of the borehole geophysical logging program were to determine the depths and orientations (dip azimuths and dip angles) of bedrock fractures, structures intersected by the subject boreholes, and intervals/depths where water flows into and out of the boreholes under ambient and pumping conditions.

Following completion and development of the well, the open borehole interval was logged using downhole geophysical logging methods by Hager-Richter Geoscience, Inc. Recorded borehole data included fluid temperature, fluid conductivity/resistivity, optical tele-viewer and acoustical tele-viewer imagery, natural gamma radiation, and vertical groundwater flow using a heat-pulse flowmeter under ambient and pumping conditions. The bedrock well geophysical survey report is presented in **Appendix C**.

The geophysical logs applied a numerical ranking of observed structures in the borehole wall and calculated their 3-dimensional orientation. Numerical rankings are as follows: rank 1 structures that represent non-distinct and discontinuous joints or fractures; rank 2 structures are joints or fractures that are distinct and continuous around the borehole with little or no apparent aperture; and rank 3 structures are major fractures that exhibit continuity around the borehole with an apparent aperture. Increases in fracture aperture allow a corresponding increase in the potential channeling of groundwater through such fractures.

Observed borehole structures predominantly consisted of rank 1 and rank 2 fractures and joints. No rank 3 fractures were identified in any of the bedrock wells. The majority of these fractures and joints exhibited a strike of 0° to 45° (north to northeast) with a mode strike of 14° and generally moderate dip angles ranging from 2° to 82° with a mean dip angle of 42° from horizontal.

Vertical intra-borehole groundwater flow measured using the heat-pulse flowmeter under pumping conditions yielded flow rates of 0 to 0.2 gpm. Under ambient conditions, vertical intra-borehole groundwater flow was not observed in any of the installed bedrock monitoring wells. The greatest observed flow rate under pumping conditions in each bedrock monitoring well was at the top of the open borehole interval, immediately below the casing. Increasing depths of flow measurements under pumping conditions within a bedrock monitoring well resulted in a corresponding decrease of observed flow rates, until no flow conditions were observed at the bottom of each well.

4.5 Geology and Hydrogeology

Sections 4.5.1 and 4.5.2 present a detailed description of the geologic/hydrologic system present in the Hoosic River valley based on the information developed from the multiple on- and off-Site investigations and work by others in the vicinity of the Site/study area. An overview is presented in the following paragraphs.

Within the study area, depth to bedrock varies from outcropping at the land surface to occurring as deep as 200 feet below ground surface (bgs) and reveals a significant north-south trending

buried structural feature known as a paleochannel that is incised into the bedrock and winds through the present-day valley.

The paleochannel is filled by deposits of overburden materials that include diamict (dense lodgment till), glacial outwash (the deep sand and gravel unit), glaciolacustrine silt/clay, alluvium deposits (the shallow sand and gravel unit), and fill at the ground surface. The sand, gravel and fill comprise the shallow, overburden water table groundwater system beneath the Site and surrounding area while the silt/clay unit separates the shallow groundwater from the deeper sand and gravel groundwater system, which then transitions to till deposits at a number of locations immediately above the bedrock surface.

Mapping of groundwater elevations in the shallow and deep sand and gravel units indicate that groundwater flows northward in both units from an upgradient groundwater divide located to the south of the Site. Groundwater then passes beneath and then downgradient of the Site turning northwest. The silt/clay deposit that separates the shallow overburden groundwater from the deeper groundwater in the sand and gravel unit thins and pinches out near the Hoosick River. In this area, deeper groundwater upwells and mixes with shallow groundwater prior to discharge to the Hoosick River, as confirmed by a groundwater/surface water study undertaken in 2019-2020 (Section 4.6). The groundwater contours in both units on the north side of the Hoosick River indicate groundwater flows south and westerly to discharge to the Hoosick River.

4.5.1 Geology

A typical stratigraphic section that summarizes geologic materials typically encountered to the south, beneath and to the north/northwest of the Site is presented in **Figure 4**.

The geologic composition beneath the Site and surrounding area was determined from 83 on-Site and 57 off-site testing borings and 8 bedrock coring locations installed as part of the on- and off-Site investigations and by others. This work confirmed the bedrock formation in the area and identified a sequence of four general geologic units of unconsolidated deposits overlying the bedrock surface. With increasing depth from ground surface, the stratigraphic profile consists of these four units of unconsolidated deposits that unconformably overlie the bedrock (**Figures 3 and 4**) described as:

- Coarse-grained alluvium consisting predominantly of sand and gravel with lesser amounts of silt deposited in the Hoosick River valley and occasional fill (shallow sand and gravel unit). The water table occurs in the shallow sand and gravel unit and is an unconfined hydrogeologic unit.
- Glaciolacustrine brown and gray silt and clay (silt/clay unit) characterized by occasional very thin fine-grained sand bedding partings. The silt/clay unit is considered to be a leaky aquitard.
- Glacial outwash (predominantly coarse-grained sand and gravel) deposited by glacial meltwaters (deep sand and gravel unit). The deep sand and gravel unit is considered to be a semi-confined hydrogeologic unit.
- Discontinuous occurrences of diamict (till), which is typically a dense, compact, poorly-sorted mixture of silt, clay, sand, gravel, cobbles, and boulders deposited by glaciers. Where present, can be found as intermediate deposits in the deep confined sand and gravel unit and/or mantling the bedrock surface.
- Bedrock consists of the Walloomsac Formation, is characterized as dark gray to black slate to phyllite, and is typically weathered at the boundary between overburden and competent rock. The slate or phyllite commonly exhibits quartz±calcite veining and moderate matrix foliation. The area has been subject to complex structural deformation including folds and thrust faults (Potter, 1972). The resulting bedrock stratigraphy and structural geology of the area is variable and complex.

Figure 13 shows the interpreted area-wide bedrock surface elevation contour map based on an aggregation of shared soil boring logs from other nearby geologic/environmental investigations and the RI using topo-to-raster interpolation methods using ArcGIS software. The locations of data points (exploratory boring/well and bedrock outcrops) and elevations used in development of the map are indicated and posted, respectively. The contour map is augmented with a gradational color flood to illustrate the surface contour trends where higher elevations are in the orange-tan spectrum and lower elevations are in the blue spectrum. The Site RI well field is outlined in a green-dashed outline in the center of the map.

Within the study area, depth to bedrock varies from outcropping at the land surface to occurring as deep as 200 feet below ground surface (bgs) and reveals a significant north-south trending buried structural feature known as a paleochannel. The paleochannel gently winds through the present-day valley, the centerline of which is indicated by the yellow-dashed line following the darkest blue shading indicating lower bedrock surface elevations/greater depths. The paleochannel is incised into the bedrock, likely carved by the ancient pre-glaciation Hoosic River that carved the entire valley and then was scoured by glacial ice.

A variety of features are evident in the paleochannel including over 200 feet of vertical relief characterized by both gentle transitional slopes and steep/plunging near vertical walls in some areas, and an undulating basement surface resulting from several depressions with an overall northward downslope. The paleochannel turns to the northwest (left) beneath the Site passing immediately south of the PanAm railroad bridge that crosses the Hoosic River at a 90 degree bend in the river on the northern tip of the 80 First Street property located to the west of the Site. The bedrock surface is as deep as 142 feet bgs beneath the Site but rises rapidly across a steep wall to be only 25 feet bgs beneath the commercial property on the north side of John Street, and then is exposed in the Hoosic River to the north of the Site extending east to the Hoosick Falls rock formation in the river at the Church Street Bridge.

The paleochannel is filled by deposits of diamict, glacial outwash (the deep sand and gravel), glaciolacustrine silt/clay from Glacial Lake Bascom that inundated the entire Hoosic River valley (Bierman, 1986 and Desimone, 2017), and recent (post-glacial) Hoosic River alluvium deposits. The deep sand and gravel unit resides as a continuous deposit within the paleochannel structure up and down the valley creating the primary groundwater flow pathway throughout the valley.

A series of geologic cross sections are shown in **Figures 14 -17**. **Figure 14** presents a south to north trending geologic cross section (F-F') that follows the general trace of the paleochannel, extending approximately 4,000 feet from upgradient of the Site, passing through the Site and then downgradient, and across the 80 First Street property and the Hoosic River. The key features of the paleochannel described above are illustrated in this cross-section. The locations of the Site and the 80 First Street property located to the northwest of the Site are indicated in the center of the cross section.

Figures 15 – 17 present close-up and shorter (<400 long) geologic cross sections focused on the subsurface beneath and immediately adjacent to the Site. The orientation of each cross section is shown on an inset on each figure. Cross Section A-A' (**Figure 15**) trends south to north on the west side of the Site beneath Lyman Street. Cross Section B-B' (**Figure 16**) trends west to east across the Site, beneath Woods Brook onto the adjacent property to the east of the Site and then turns north across that property. Cross Section C-C' (**Figure 17**) also trends west to east across the Site, beneath Woods Brook onto the adjacent property to the east of the Site following a slightly different path.

Three additional geologic cross sections (*Figures 10-12*) from the final NYSDEC-approved Site Characterization Report for the 80 First Street Property located to the northwest of the Site are provided in **Appendix D** (CHA/ERM, 2021). These cross sections provide detailed views of the subsurface profile further to the west and northwest of the Site, two of which are perpendicular to cross section (F-F') presented in **Figure 14**. These cross sections illustrate subsurface

bedrock and overburden features that control groundwater movement downgradient of the Site in the vicinity of the Hoosic River.

All of the cross sections depict the distribution and geometry of the overburden deposits and bedrock surface. Similar to the bedrock surface, overburden thickness beneath the Site is also variable, mirroring the depth to bedrock across the Site. The overburden sequence represents a variable and complex proglacial depositional environment with indications of ice sheet advance and recession evidenced by successional strata of glacial outwash sands and gravels, diamict (till deposits), glaciolacustrine silt and clay deposits capped with shallow post-glacial alluvial riverine deposits and fill at the ground surface.

4.5.2 Hydrogeology

Groundwater (water table surface) is encountered in the shallow sand, gravel and fill at the Site at depths of approximately 10 to 15 feet bgs. The silt/clay unit, which varies in thickness (35 – 45 feet thick beneath the Site), separates the shallow groundwater from the deeper confined sand and gravel groundwater system, which then transitions to more dense till deposits at a number of locations immediately above the bedrock surface.

4.5.2.1 Regional Water Level Measurement Events

On 1 December 2020, a regional groundwater / surface water level monitoring event was coordinated across the valley to obtain a valley-wide groundwater / surface elevation data set from Hoosick Falls Area Sites under oversight by NYSDEC. These 1 December 2020 data, which have been previously reviewed by NYSDEC, are presented in Table 4. The December 2020 data were used in the hydraulic evaluations and to develop the accompanying figures presented in this RI report.

4.5.2.2 Regional Groundwater Flow

Regional groundwater elevations in the shallow and deeper sand and gravel units are contoured and shown on the maps presented in **Figures 18 and 19**, respectively.

Figure 18 presents a map showing groundwater elevations from monitoring wells screened in the shallow sand and gravel unit, and groundwater contours, which indicate that groundwater flows northerly from an upgradient flow divide, beneath and then downgradient of the Site towards the north and west (i.e., towards the Hoosic River). The contours also indicate that groundwater in the shallow sand and gravel on the other side of the divide flows south and westerly toward the Hoosic River. Recharge to the shallow sand and gravel unit likely occurs directly from precipitation on the land surface, from downslope movement of surface water (precipitation and intermittent/perennial tributary streams to the Hoosic River), and groundwater along the edges of the valley, and along certain stretches of the Hoosic River.

Figure 19 presents a map showing the mapped extent of the deep sand and gravel unit as a continuous deposit within the paleochannel structure up and down the valley, groundwater elevations from monitoring wells screened in the deep sand and gravel unit, and mapped groundwater potentiometric contours. Similar to groundwater flow in the shallow sand and gravel unit, the contour map shows that groundwater in the deep sand and gravel also flows northerly from an upgradient flow divide, beneath and then downgradient of the Site towards the north and west (i.e., towards the Hoosic River). The contours also indicate that groundwater in the deep sand and gravel unit on the other side of the divide flows south and westerly toward the Hoosic River. It is evident that the paleochannel and the infilling deep sand and gravel unit create the primary groundwater flow pathways throughout the valley. Recharge to the deep sand and gravel unit likely occurs from downslope surface and groundwater movement along the slopes of the valley, from vertical leakage through the glaciolacustrine clay and silt, and from upward movement of groundwater from bedrock.

4.5.2.3 Local Groundwater Flow

The geologic cross sections presented in **Figures 14 – 17** and in **Appendix D** illustrate conditions beneath, surrounding and downgradient (northwest) of the Site that control and/or impede local groundwater flow in the shallow and deep sand and gravel units. These conditions include local topography, rapid changes in depth to bedrock, changes in thickness of transmissive sand and gravel units, thinning/pinching-out of the silt/clay unit, and the Flood Control Structure (FCS) for the Hoosic River that was installed by the USACE in 1950-1952 in addition to moving Woods Brook to its current location. The FCS extends from the Church Street Bridge to just west of the PanAm railroad bridge on the north end of the 80 First Street property. The FCS is constructed of concrete and according to construction drawings, the FCS is keyed into the bedrock surface with sheet piling that was installed during construction and incorporated into the poured in-place concrete structure (see geologic cross sections A-A' and B-B' in **Appendix D**). The wall impedes northerly flow of shallow groundwater to the Hoosic River, diverting it northwest where groundwater follows the paleochannel bedrock surface flowing through the shallow and deep transmissive units to the northwest of the Site towards the discharge to the Hoosic River.

Figure 20 presents two maps showing the FCS, groundwater elevations from shallow and deep sand and gravel units and the mapped groundwater contours for each unit for the area immediately upgradient, beneath, downgradient of the Site, and across the Hoosic River. The groundwater contours indicate that local groundwater flow in both the shallow and deeper sand and gravel flows in NNW and northerly directions, respectively. The silt/clay deposit that separates the shallow sand and gravel unit from the deep sand and gravel unit thins and pinches out near the Hoosic River (see **Figure 14** and geologic cross sections A-A' and B-B' in **Appendix D**). In this area, deeper groundwater upwells and mixes with shallow groundwater, and groundwater from both units discharges to the Hoosic River. Water table and potentiometric elevations of groundwater in monitoring wells on the opposite side of the Hoosic River, which were installed as part of other ongoing investigations in the area, similarly indicate groundwater discharge to the river as indicated by the area identified as a groundwater – river convergence area in **Figure 20**. The hydrogeologic data establish the Hoosic River as a hydraulic barrier to groundwater flow in the unconsolidated deposits existing on either side of the river.

4.5.3 Hydrogeological Evaluation Methods and Analyses

The objectives of the hydrogeological evaluation tasks were to:

- Determine a range of infiltration rates for liquids into the silt/clay layer beneath the Site to evaluate the potential use of injection technology;
- Calculate hydraulic conductivity; and
- Estimate transmissivity values and groundwater seepage velocity (flow rates).

4.5.3.1 Infiltration Testing

Infiltration testing (“falling-head”) was performed at 10 of the 12 temporary groundwater monitoring wells installed as part of the Shallow Groundwater IRM PDI to evaluate the infiltration rate of liquids into the silt/clay layer, specifically the zones where photoionization detector (PID) screening values were greater than 10 ppm, and to evaluate the potential use of injection technology. The testing results were normalized to gallons per hour per foot of screen (gph/ft-s) because the screen lengths of the temporary groundwater monitoring wells ranged from 4 feet to 14 feet depending on location.

Infiltration rates in nine of the 10 wells ranged between 0.02 – 1.6 gph/ft-s with an average rate of 0.39 gph/ft-s. A higher rate of 14.5 gph/ft-s was measured in the tenth well (JS-TMW-030).

These low infiltration rates confirm the low permeability of the silt/clay layer.

4.5.3.2 Slug Testing

Slug testing was completed on select 46 on- and off-Site overburden and two bedrock monitoring wells to obtain aquifer response data to calculate an estimated hydraulic conductivity value for each well screen interval. The data set was then grouped to develop a range of hydraulic conductivity values for the shallow sand and gravel unit, the deep sand and gravel unit, and bedrock beneath and in the vicinity of the Site.

Hydraulic conductivity values were calculated using the Bouwer-Rice straight-line method (Bouwer and Rice, 1976), and the Springer-Gelhar method (Springer and Gelhar, 1991). For all analyses, data are corrected for frictional well loss in small diameter wells based on the work of Butler (Butler, 2002). Bedrock well slug tests were analyzed using the Barker Black method (Barker and Black, 1983).

Hydraulic conductivities of individual monitoring wells calculated from the slug testing analyses are presented in **Table 5**.

Shallow Overburden “A” Wells: Estimated overburden hydraulic conductivities in on-Site shallow overburden wells (“A” wells) ranged from 85.2 to 409 feet per day. Off-Site hydrogeologic conditions were more variable, with estimates for shallow overburden wells ranging from as low as 0.004 to 325 feet per day.

Insufficient data were obtained from on-Site wells JS-MW-002A and JS-MW-005A to analyze hydraulic conductivity due to the very fast rate of well recovery coupled with a small well diameter (1-inch PVC) limiting the amount of displacement achievable in the wells. It is therefore reasonable to assume that hydraulic conductivities at these two wells are greater than the highest estimates obtained from other onsite “A wells.”

Deep Sand and Gravel “B” Wells: Estimated hydraulic conductivities for on-Site deeper overburden wells (“B” wells) ranged from 0.091 to 20.4 feet per day. Estimated hydraulic conductivities for off-Site B wells ranged from 0.018 to 350 feet per day.

Deep Sand and Gravel “C” Wells: Deeper overburden “C wells” are screened primarily in consistent outwash sand and gravel. Estimated on-Site hydraulic conductivities ranged from 22.5 to 58.8 feet per day. Estimated hydraulic conductivities in the off-Site wells, covering a much larger geographic area, ranged from 12.7 to 600 feet per day. Several of the wells screened in this zone exhibited oscillatory responses, which are indicative of high aquifer conductivity/permeability.

Bedrock: Bedrock hydraulic conductivity was estimated at JS-MW-003BR only. A test was attempted at JS-MW-001BR but response was too slow to collect a complete dataset for analysis. This slow response indicates very low hydraulic conductivity of the bedrock at this well location. JS-MW-003BR was installed in relatively highly fractured bedrock and was successfully tested by the pneumatic displacement method to achieve an estimate of 2.42 feet per day.

4.5.3.3 Hydraulic Gradients

Table 6 presents horizontal and vertical gradients calculated using groundwater elevations and screened interval elevations for well pairs, triplets and quadruplets for on- and off-Site well locations.

Horizontal Gradients

Horizontal gradients are dimensionless (unitless) based on change in vertical elevation in feet over distance in feet representing the slope of the water table or potentiometric surface, and the calculated magnitude represents the significance of the gradient. Changes in the relative spacing of groundwater contours shown in **Figures 18 – 20** indicate that horizontal hydraulic gradients in both the shallow and deep sand and gravel units vary across the study area. The

horizontal hydraulic gradients were calculated for upgradient, across, and downgradient area of the Site using the December 2020 groundwater elevation data.

Horizontal hydraulic gradients for the shallow sand and gravel unit ranged 0.0008 to 0.066.

Horizontal hydraulic gradients for the deep sand and gravel unit ranged 0.0008 to 0.002.

Vertical Gradients

A negative vertical gradient represents an upward groundwater flow direction within the aquifer, whereas a positive vertical gradient represents a downward groundwater flow direction. Vertical gradients are dimensionless (unitless) and the calculated magnitude represents the significance of the gradient.

The vertical gradients calculated for the Site and surrounding area are typically positive and indicate the potential for downward groundwater flow from the shallow sand and gravel unit through the deeper clay and silt unit toward the deep sand and gravel unit where gradients range between -0.043 to 0.585. However, upward gradients are observed at some locations between shallow and deep sand and gravel units and other deeper intervals such as between bedrock and the deep sand and gravel unit, i.e., the potential for groundwater in bedrock to upwell and recharge the overburden, and between deeper and shallow wells in the deep sand and gravel unit.

It is important to note that horizontal and vertical gradients can vary over time as a result of transient changes in shallow groundwater elevations due to groundwater recharge from precipitation/storm events or a lack of recharge from periods of drought and/or frozen ground surface conditions during winter months.

4.5.3.4 Groundwater Flow Velocities

The observed large ranges of estimated hydraulic conductivities and horizontal hydraulic gradients suggested the potential for similar large ranges of estimated groundwater flow velocities (seepage velocities) in the shallow and deep sand and gravel units across the RI study area.

Table 7 presents calculated seepage velocities (v) for the shallow and deep sand and gravel units for areas upgradient, beneath and downgradient of the Site using:

- Calculated horizontal hydraulic gradients (i) (dimensionless) for each horizontal leg;
- Estimated average hydraulic conductivities (K) (ft/day) from slug testing for the shallow and deep sand and gravel units of 28.0 and 30.7 ft/day, respectively (Table 5);
- An effective porosity (n) of 0.10³; and
- The formula to calculate seepage velocity: $v = K*i/n$.

Estimated seepage velocities for the:

- Shallow sand and gravel unit ranged from 0.24 to 18.7 feet per day (ft/day) with an average of 7.8 feet/day; and
- Deep sand and gravel unit ranged from 0.14 to 0.67 ft/day with an average of 0.3 feet/day.

These velocities are based on average hydraulic conductivities calculated from the slug testing. They range over more than an order of magnitude and confirm the heterogeneity observed in the soil boring core samples collected from both the shallow and deep units. The true bulk hydraulic conductivities for both of these units are likely higher and, therefore, higher seepage velocities are expected to occur in certain bedding planes and along various segments along

³ This effective porosity of the glacial outwash aquifers is based upon the work of Stephens et al., 1998; Payne, Quinnan, and Potter, 2008; and Chapuis, 2019.

the groundwater flow path from south to north-northwest with groundwater ultimately discharging to the Hoosic River.

4.6 Groundwater/Surface Water Interaction Study

A phased investigation was undertaken to assess the relations of groundwater discharge to surface water and confirm a completed pathway for VOCs and PFAS in groundwater to discharge to the Hoosic River.

4.6.1 Phase I - Aerial Survey

On 12 December 2019, the Hoosic River shoreline was flown using an unmanned aerial vehicle (drone) equipped with infrared and orthoimage cameras under the control of a Federal Aviation Administration (FAA) licensed pilot from the south end of the 80 First Street property to the Church Street Bridge/Hoosic Falls. The purpose of the drone survey was to identify areas of temperature contrast along the Hoosic River shoreline as part of a larger infrared and ortho photogrammetry survey along the Hoosic River. Areas of temperature contrast along the Hoosic River shoreline are indicators of potential groundwater discharge to the river.

The resolution of the captured infrared data was approximately 10 cm/pixel. The resolutions of the orthoimages were approximately 3-5 cm/pixel. High-resolution imagery was captured at an altitude of approximately 250 feet above ground surface.

The drone infrared survey identified nine (9) areas with temperature anomalies along the right bank of the Hoosic River that represented potential locations of groundwater discharge to surface water. These locations were qualified based on the presence of relatively warm temperature signatures along the riverbank or the base of the FCS. Thermal images were compared to high-resolution orthoimages to reduce the possibility of false temperature signatures such as sunlight reflecting off the water surface.

4.6.2 Phase II - Temperature Anomaly Investigations

In September 2020, each location was evaluated to determine if groundwater discharge is occurring, and if detectable concentrations of VOCs and/or PFAS are present in the groundwater. The follow-up investigative methods included physical inspection, temperature measurements and collection of collocated surface water and riverbed pore water (groundwater) samples. Those activities are summarized below.

Walking the edge of the river at low river stage conditions and warm ambient temperatures for safe working conditions provided good temperature contrast between the river and groundwater. Each area was scanned with a hand-held forward-looking infrared (FLIR) camera to determine if a temperature anomaly is present and the extent of the anomaly. An initial area measuring approximately 10 feet by 30 feet was gridded using 5-foot node spacing at each anomaly location to collect riverbed temperature measurements using a thermometer and thermocouple probe. The grid at a given location was expanded as necessary, if real-time field results indicated a larger area of groundwater discharge was present, and if safe working conditions permitted. Riverbed temperature measurements were recorded for the 0 to 12-inch depth interval at each grid node to identify lower temperature areas that would indicate areas of groundwater discharge.

One (1) temporary well point was installed at the location of the coldest temperature measurement within each of the nine anomaly areas to a maximum depth of 3 feet into the riverbed.

The groundwater levels within each temporary well point and an adjacent surface water elevation outside the point from the top of the pipe were measured to determine any difference in head that would indicate an upward or downward hydraulic gradients and suggest groundwater discharging to the river or river water seeping into the riverbed, respectively. These measurements indicated either no head differences or a higher head within the

temporary well point indicating an upward hydraulic gradient and groundwater discharging to the river.

A groundwater sample was collected from each temporary well point, and a collocated surface water sample was collected immediately adjacent to each temporary well point at a targeted depth of six inches above the riverbed. The groundwater and surface water samples were analyzed for TCL VOCs, 1,4-dioxane, PFAS, total organic carbon (TOC), pH, field and geochemical parameters⁴.

4.7 Analytical Results

Table 8 presents a reference summary of all samples for all media types during the SC and the RI.

4.7.1 Extent of PFOA and Other PFAS in Site Media

4.7.1.1 PFOA and Other PFAS in Soil

The analytical results for PFOA and other PFAS from 260 soil samples plus 12 field duplicates collected from 113 on- and off-Site locations are presented in **Table 9**. The predominant PFAS in soil by frequency of occurrence and concentration is PFOA. Concentrations of PFOA in soil are shown on the map in **Figure 21**.

Surface and near-surface soil samples were collected at drilling locations from unpaved areas. Additional surface and near-surface soil sample collection had been planned for undisturbed locations beneath roof driplines. However, few locations met the requirements laid out in the RIWP and the current dataset was deemed sufficient to meet the objective of the RI to define the nature and extent of PFAS contamination.

On-Site Soil

PFOA was detected in 96 of the 145 soil samples collected from 76 on-Site locations where concentrations ranged from below the detection limit (BDL) to 23 micrograms per kilogram ($\mu\text{g/kg}$) (JS-B-019, 16'-17') with a median of 1.7 micrograms per kilogram ($\mu\text{g/kg}$). PFOA concentrations in surface and near surface soil samples (0'-2" and 2"-12") ranged from BDL to 6.8 $\mu\text{g/kg}$ (JS-B-003, 0'-2"). The median PFOA concentrations in surface and near surface soil samples (0'-2" and 2"-12") were lower than in soil samples taken from greater depths (0.84 $\mu\text{g/kg}$ versus 2.0 $\mu\text{g/kg}$, respectively).

PFOS was only detected in 18 of the 145 samples with concentrations ranging from BDL to 21.0 $\mu\text{g/kg}$ (SAN-07-04, 10'-12').

Other PFAS were detected in several soil samples at concentrations up to 3.10 $\mu\text{g/kg}$.

Off-Site Soil

PFOA was detected in 67 of the 127 off-Site soil samples collected from 38 locations where concentrations ranged from BDL to 6.7 $\mu\text{g/kg}$ (OS-B-047, 89'-90') with a median of 0.53 $\mu\text{g/kg}$. PFOA concentrations in surface and near surface soil samples (0'-2" and 2"-12") ranged from BDL to 2.6 $\mu\text{g/kg}$ (JS-B-003, 0'-2"). The median PFOA concentrations in surface and near surface soil samples (0'-2" and 2"-12") were similar in soil samples taken from both surface/near surface and deeper depths (0.45 $\mu\text{g/kg}$ versus 0.55 $\mu\text{g/kg}$, respectively).

PFOS was only detected in 25 of the 127 samples with concentrations ranging from BDL to 38 $\mu\text{g/kg}$ (OS-B-024, 4'-6') with a median of 0.42 $\mu\text{g/kg}$.

Other PFAS were detected in several soil samples at concentrations up to 0.34 $\mu\text{g/kg}$.

⁴ Field Parameters = Specific Conductance (SpC), pH, Dissolved Oxygen (DO), and Oxidation-Reduction Potential (ORP)
Geochemical Parameters = Major Cations Calcium, Magnesium, Sodium, and Potassium) and Major Anions (Chloride, Carbonate, Bicarbonate and Sulfate).

4.7.1.2 PFOA and Other PFAS in Waterloo APS™ Groundwater Samples

The analytical results for PFOA and other PFAS from 35 discrete-depth groundwater samples plus two field duplicates collected from 10 on- and off-Site locations are presented in **Table 10**. Concentrations of PFOA in groundwater are shown on the map in **Figure 22**.

On-Site Waterloo APS™ Groundwater Samples

PFOA was detected in all 25 on-Site groundwater samples; PFOA concentrations in groundwater ranged from 180 to 5,300 J ng/L (JS-APS-004, 79.4') with a median of 1,100 ng/L. Generally, higher concentrations of PFOA were detected in shallow groundwater in the northern portion of the property and lower concentrations were observed to the south. In the northern portion of the property, the concentrations of PFOA generally decrease with depth; however, concentrations generally increase with depth on the southern portion.

PFOS was only detected in three of the 25 on-Site groundwater samples. Concentrations of PFOS ranged from below the detection limit (BDL) to a maximum concentration of 8 J ng/L (JS-APS-002, 83.9') with a median of 5 ng/L. Other PFAS concentrations ranged from BDL to a maximum concentration of 200 ng/L.

Off-Site Waterloo APS™ Groundwater Samples

PFOA was detected in all 12 off-Site groundwater samples. Concentrations ranged from 130 to 3,200 ng/L (OS-APS-028, 94.4') with a median of 490 ng/L and were similar to those detected in on-Site groundwater. The highest concentrations of PFOA were detected in the upgradient deep sand and gravel layer at location OS-APS-028.

PFOS was only detected in two of the 12 off-Site groundwater samples at 7 J ng/L in both samples (OS-APS-026, 15.2' and OS-APS-027, 17.5'). Other PFAS concentrations ranged from BDL to a maximum concentration of 120 ng/L.

4.7.1.3 PFOA and Other PFAS in Shallow Groundwater

The analytical results for PFOA and other PFAS from 116 groundwater samples plus 11 field duplicates collected from 31 on- and off-Site monitoring wells are presented in **Table 11**. Concentrations of PFOA in groundwater are shown on the map in **Figure 23**.

Shallow On-Site Groundwater

PFOA was detected in 91 of the 93 on-Site groundwater samples collected from 18 wells. Concentrations ranged from BDL to 6,400 ng/L with a median of 160 ng/L, which is similar to the range of 180 to 5,300 J ng/L observed in the Waterloo APS™ groundwater sampling. The highest concentration was detected in a duplicate collected from well JS-MW-001A, which is located within the Shallow Groundwater IRM treatment area.

PFOS was detected in 50 of the 93 on-Site groundwater samples. Concentrations of PFOS ranged from BDL to a maximum concentration of 8 ng/L with a median of 1.81 ng/L. Other PFAS concentrations ranged from BDL to a maximum concentration of 50 ng/L.

Shallow Off-Site Groundwater

PFOA was detected in all 34 off-Site groundwater samples collected from 13 wells. Concentrations ranged from BDL to 1,100 ng/L with a median of 505 ng/L and are similar to those detected in on-Site groundwater. The highest concentration of PFOA was detected in the sample collected from well OS-TMW-048A.

PFOS was detected in 31 of the 34 samples from off-Site monitoring wells at concentrations from BDL to a maximum of 25 ng/L (OS-TMW-043A) and a median of 8.15 ng/L. Other PFAS concentrations ranged from BDL to a maximum concentration of 140 ng/L.

4.7.1.4 PFOA and Other PFAS in Deep Groundwater

The analytical results for PFOA and other PFAS from 110 groundwater samples plus six field duplicates collected from 68 on- and off-Site monitoring wells are presented in **Table 11**. Concentrations of PFOA in groundwater are shown on the map in **Figure 24**.

Deep On-Site Groundwater

PFOA was detected in all 36 on-Site groundwater samples collected from 11 wells. Concentrations ranged from 240 to 5,900 ng/L with a median of 1,400 ng/L. The highest concentration of PFOA was detected in the sample collected from well JS-MW-001B.

PFOS was detected in 10 of the 36 on-Site groundwater samples. Concentrations of PFOS ranged from BDL to a maximum concentration of 4.0 J ng/L (JS-MW-001B). Other PFAS concentrations ranged from BDL to a maximum concentration of 160 ng/L.

Deep Off-Site Groundwater

PFOA was detected in 70 of 80 off-Site groundwater samples collected from 57 wells. Concentrations ranged from BDL to 4,400 ng/L with a median of 650 ng/L and are similar to those detected in deep on-Site groundwater. The highest concentration of PFOA was detected in the upgradient deep sand and gravel layer at well OS-MW-028C. The distribution of PFOA >1,000 ng/L in deep groundwater was observed within the footprint of the paleochannel upgradient, beneath and downgradient of the Site.

PFOS was detected in 24 samples from off-Site monitoring wells at a maximum concentration of 9 J ng/L (OS-MW-025B). Other PFAS concentrations ranged from below the detection limit to a maximum concentration of 140 ng/L.

4.7.1.5 PFOA and Other PFAS in Bedrock

The analytical results for PFOA and other PFAS from 10 groundwater samples plus two field duplicates collected from 8 on- and off-Site bedrock monitoring wells are presented in **Table 11**. Concentrations of PFOA are shown on the map in **Figure 25**.

On-Site Bedrock Groundwater

PFOA was detected in the three of the five groundwater samples collected from on-Site bedrock monitoring well JS-MW-001BR where concentrations ranged from 3.8 to 13 ng/L with a median of 3.8 ng/L. PFOA was not detected in the two groundwater samples collected from on-Site bedrock monitoring well JS-MW-003BR.

Concentrations of PFOS ranged from BDL to 1.3 ng/L in groundwater samples collected from on-Site bedrock monitoring well JS-MW-001BR. PFOS was not detected in groundwater samples collected from on-Site bedrock monitoring well JS-MW-003BR. Other PFAS concentrations ranged from BDL to a maximum concentration of 5.2 ng/L.

Off-Site Bedrock Groundwater

PFOA was detected in six of the seven groundwater samples collected from six wells where concentrations ranged from BDL to 19 ng/L with a median of 3.4 ng/L and are similar to those detected in on-Site groundwater in bedrock. The highest concentration of PFOA was detected in the bedrock at upgradient well OS-MW-028BR.

PFOS was detected in two of the seven samples from off-Site bedrock monitoring wells at a maximum concentration of 0.61 J ng/L (OS-MW-031BR). Other PFAS concentrations ranged from BDL to a maximum concentration of 2.5 ng/L.

4.7.1.6 PFOA and Other PFAS in Surface Water

The analytical results for PFOA and other PFAS from four surface water samples collected from off-Site locations are presented in **Table 12** and compared to current NYSDEC 2021 PFAS guidance. Concentrations of PFOA are shown on the map in **Figure 26**.

On-Site Surface Water

No surface water was present on the Site; therefore, no surface water samples were collected.

Off-Site Surface Water – Woods Brook

PFOA was detected in all four surface water samples collected from Woods Brook during the SC where concentrations ranged from 210 to 350 ng/L with a median of 235 ng/L. The two highest concentrations were found in the northern downstream portion of the brook where it is contained in a concrete channel.

PFOS was not detected in any of the four off-Site surface water samples. Two other PFAS (perfluorohexanoic acid (PFHxA) and perfluoroheptanoic acid (PFHpA)) were detected in all four surface water samples at concentrations ranging from 4 to 8 ng/L.

4.7.1.7 PFOA and Other PFAS in Sediment

The analytical results for PFOA and other PFAS from two sediment samples collected from off-Site locations are presented in **Table 13**. Concentrations of PFOA are shown on the map in **Figure 27**.

On-Site Sediment

No surface water was present on the Site; therefore, no sediment samples were collected.

Off-Site Sediment

PFOA concentrations in the two sediment samples collected from off-Site locations were 0.66 and 0.89 µg/kg, respectively.

4.7.1.8 PFOA and Other PFAS in Groundwater/Surface Water Study

The analytical results for PFOA and other PFAS from nine collocated pore water and surface water samples plus one field duplicate collected from nine locations along the Hoosic River are presented in **Tables 14 and 15**, and compared to current NYSDEC 2021 PFAS guidance. The locations were chosen to investigate temperature anomalies observed in the river using infrared technology. Concentrations of PFOA are shown on the map in **Figure 28**.

Off-Site – Hoosic River Bottom Pore Water (Groundwater)

PFOA was detected in all 10 pore water samples collected from the nine locations in the Hoosic River riverbed during the RI surface water/groundwater study where concentrations ranged from 7.2 to 1500 ng/L with a median of 420 ng/L. The highest concentrations were found in the samples collected from locations OS-MP-04, OS-MP-05, OS-MP-06 and OS-MP-07.

PFOS was detected in all 10 pore water samples collected from the Hoosic River riverbed where concentrations ranged from 3.9 to 6.8 ng/L. The highest concentrations occur coincident to the highest concentrations of PFOA in the shallow groundwater samples collected from locations OS-MP-04, OS-MP-05, OS-MP-06 and OS-MP-07.

Other PFAS concentrations ranged from BDL to a maximum concentration of 55 ng/L.

Off-Site Surface Water – Hoosic River

PFOA was detected in all nine surface water samples collected from the Hoosic River during the RI surface water/groundwater study where concentrations ranged from 11 to 130 ng/L with a

median of 18 ng/L. The highest concentrations were found to be coincident with the highest concentrations observed in collocated pore water samples collected from locations OS-MP-04, OS-MP-05, OS-MP-06 and OS-MP-07.

PFOS concentrations in the nine surface water samples ranged from 2.7 to 4.0 ng/L with a median of 3.3 ng/L. The narrow concentration range does not indicate a similar highest concentration occurrence correlation to pore water samples collected from locations OS-MP-04, OS-MP-05, OS-MP-06 and OS-MP-07.

Other PFAS concentrations ranged from BDL to a maximum concentration of 6.5 ng/L.

4.7.1.9 PFOA and Other PFAS Summary

Figure 29 utilizes the south to north trending geologic cross section (F-F') (previously presented as **Figure 14**). The figure shows groundwater elevations and PFOA concentrations in groundwater as indicated by color-coded boxes as well as the values posted next to corresponding groundwater monitoring well screens. The water table surface is indicated and blue groundwater flow arrows (cross section and inset trace) illustrate the movement of groundwater in the shallow and deep sand and gravel units (Section 4.5.2). The flow arrows show groundwater in the shallow and deep sand and gravel units flowing toward, and coalescing to upwell and discharge to river.

The distribution of lower concentrations of PFOA in groundwater in the shallow sand and gravel unit is indicated by blue and green boxes that extend from upgradient of the Site, crossing the Site and then downgradient to discharge to the river in the vicinity of one of the groundwater/surface water study sampling locations.

The distribution of higher concentrations of PFOA in groundwater in the deep sand and gravel unit, which is separated from the shallow sand and gravel unit at the Site by a greater than 40-foot-thick silt/clay unit, is indicated by yellow boxes. These concentrations indicate a contribution of PFOA to deep overburden groundwater from an off-Site upgradient source(s) beyond the southerly extent of the cross section. The PFOA in the groundwater of this unit extends from upgradient of the Site, crossing the Site and then downgradient to discharge to the river in the vicinity of one of the groundwater/surface water study sampling locations.

Bedrock groundwater concentrations of PFOA are indicated with green and gray boxes. PFOA concentrations in the two on-Site monitoring wells were BDL and 13 ng/L, respectively. The six off-Site bedrock wells, surrounding the Site in all directions, exhibited concentrations ranging from BDL to 19 ng/L, with the maximum in a sample from an upgradient location. These results indicate groundwater in bedrock is not significantly impacted by PFOA.

The three additional geologic cross sections (Figures 22 to 24 from the final Site Characterization Report for the 80 First Street property) are presented in **Appendix D**. These figures also show the distribution and concentrations of PFOA in groundwater in the shallow and deep sand and gravel units using color-coded boxes. These cross sections provide detailed views of the subsurface profile and distribution of PFOA in groundwater further to the west and northwest of the Site, two of which are perpendicular to cross section (F-F') presented in **Figure 29**. These cross sections illustrate important subsurface bedrock and overburden features that control the movement of PFOA in groundwater downgradient of the Site in the vicinity of, and prior to discharging to the Hoosic River.

4.7.2 Extent of VOCs in Site Media

4.7.2.1 VOCs in Soil Vapor

Soil vapor results from samples collected from on-Site locations during the SC are summarized in **Tables 16A and 16B** and the results for TCE and 1,1,1-TCA are shown on **Figure 30**.

Two VOCs were detected at elevated concentrations in soil vapor samples collected along the western property boundary. TCE was detected at a maximum concentration of 3,500 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$). 1,1,1-TCA was detected at a maximum concentration of 3,700 $\mu\text{g}/\text{m}^3$.

No NYS Standards or guidance values exist for comparison with these soil vapor results.

These results are consistent with the VOCs in on-Site groundwater samples. At occupied properties in the vicinity of locations with groundwater detections of VOCs, vapor intrusion evaluations were conducted if the property owner agreed to the collection of indoor air samples, as discussed in Section 3.3.

4.7.2.2 VOCs in Soil/Silt/Clay

The VOC analytical results for 304 soil samples plus 17 field duplicates collected from 143 on- and off-Site locations are presented in **Table 17** and detected VOC concentrations are compared to their respective SCOs.

On-Site Soil/Silt/Clay

TCE was detected in on-Site shallow samples at several locations during the SC. The maximum concentration of 420,000 $\mu\text{g}/\text{kg}$ in one soil sample (JS-B-003, 15'-17') prompted further investigation during the Shallow Groundwater IRM PDI (Section 3.1).

Predominant VOCs in on-Site soils based on prevalence and concentration are TCE, 1,1,1-TCA, tetrachloroethene (PCE), cis-1,2-dichloroethene (cis-1,2-DCE), 1,1-DCA, and 1,1-dichloroethene (1,1,-DCE).

Salient results from the PDI are graphically illustrated in **Figure 31** that shows two core areas of VOC impact near JS-MW-001 and JS-MW-003 (northern and center portions of the Site). The sampling results indicate the majority of the VOC mass is present in the silt/clay unit, where the VOC mass is generally located several feet below the top of the silt/clay, and the vertical extent of VOC mass generally limited to less than 20 feet bgs. There is limited VOC mass present in soil and groundwater within the overlying sand and gravel unit.

Predominant VOC results from all on-Site soil samples (149 samples collected from 83 locations) are as follow:

- **TCE** was detected in 123 soil samples where concentrations ranged from BDL to 1,300,000 $\mu\text{g}/\text{kg}$ (JS-B-039, 13'-14') with a median of 1,000 $\mu\text{g}/\text{kg}$;
- **1,1,1-TCA** was detected in 47 samples where concentrations ranged from BDL to 88,000 $\mu\text{g}/\text{kg}$ (JS-B-006, 18'-19') with a median of 59 $\mu\text{g}/\text{kg}$;
- **PCE** was detected in 35 samples where concentrations ranged from BDL to 21,000 $\mu\text{g}/\text{kg}$ (JS-B-043, 10'-12') with a median of 49 $\mu\text{g}/\text{kg}$;
- **Cis-1,2-DCE** was detected in 44 samples where concentrations ranged from BDL to 9,800 $\mu\text{g}/\text{kg}$ (JS-B-049, 15'-16') with a median of 55 $\mu\text{g}/\text{kg}$;
- **1,1-DCA** was detected in 46 samples where concentrations ranged from BDL to 4,000 $\mu\text{g}/\text{kg}$ (JS-B-012, 12'-14') with a median of 61 $\mu\text{g}/\text{kg}$; and
- **1,1-DCE** was detected in 34 samples where concentrations ranged from BDL to 2,500 $\mu\text{g}/\text{kg}$ (JS-B-006, 18'-19') with a median of 61 $\mu\text{g}/\text{kg}$.

A dense non-aqueous phase liquid (DNAPL) was detected in three adjacent temporary monitoring wells, installed at the locations of JS-B-033, -038 and -039 as part of the shallow groundwater PDI. Analytical results of the DNAPL sample indicate that the primary constituent is TCE. DNAPL was not detected in surrounding wells screened in the silt/clay indicating that DNAPL is present as a localized pocket of mass on-Site. DNAPL has also not been detected at any other well within the investigation area.

DNAPL was purged from these wells, when observed, using a peristaltic pump with dedicated tubing and disposed of as a hazardous waste. A summary of the volumes removed by well is presented below.

Well ID	Date Recovered	and Volume	in Milliliters
	10/16/2019	01/20/2020	10/28/2020
JS-TMW-033	35	125	815
JS-TMW-038	930	85	850
JS-TWW-039	1389	1300	850

Off-Site Soil

Off-Site soil VOC results include 172 soil samples collected from 60 locations that include soil samples collected from the sanitary sewer borings (Section 4.7.5) and the Culvert IRM investigative and post-excavation soil sampling (Section 3.2). Predominant VOC results for all off-Site soil samples are as follows:

- **TCE** was detected in 71 soil samples where concentrations ranged from BDL to 110,000 µg/kg (JS-CULVERT-EP-04, 7.5'-8.5') with a median of 6,248 µg/kg;
- **1,1,1-TCA** was detected in 35 samples where concentrations ranged from collected from BDL to 86,000 µg/kg (JS-CULVERT-EP-08, 9.5'-10.5') with a median of 1,891 µg/kg;
- **PCE** was detected in 21 samples where concentrations ranged from BDL to 260 µg/kg (OS-SCB-8, 18.7'-20.9') with a median of 61.2 µg/kg;
- **Cis-1,2-DCE** was detected in 27 samples where concentrations ranged from BDL to 1,200 µg/kg (JS-CULVERT-EP-04, 7.5'-8.5') with a median of 62.3 µg/kg;
- **1,1-DCA** was detected in 33 samples where concentrations ranged from BDL to 12,000 µg/kg (OS-B-052, 121'-122') with a median of 203.3 µg/kg; and
- **1,1-DCE** was detected in 28 samples where concentrations ranged from BDL to 330 µg/kg (OS-B-051, 119'-120') with a median of 60.0 µg/kg.

4.7.2.3 VOCs in Waterloo APS™ Groundwater Samples

The analytical results for VOCs from 10 Waterloo APS™ groundwater samples collected from on- and off-Site locations during the SC are presented in **Table 18** and detected VOC concentrations are compared to their respective NY Class GA Standards. Concentrations of VOCs with detections are shown on the map in **Figure 32**.

On-Site Waterloo APS™ Groundwater Samples

Five VOCs were detected in groundwater from on-Site locations at concentrations that exceed their respective NY Class GA Standards at one or more locations (JS-APS-001 to JS-APS-004). No VOCs were detected above detection limits at JS-APS-005.

TCE is the only VOC that was detected at concentrations exceeding its NYS Class GA Standard at more than one on-Site location (JS-APS-001 to JS-APS-003) in shallow groundwater with concentrations ranging from 8 µg/L at JS-APS-003 (8.8 feet bgs) to 110 µg/L at JS-APS-001 (14.1 feet bgs).

Two other VOCs, 1,1,1-TCA and cis-1,2-DCE, were also detected at JS-APS-001 (14.1 feet bgs) at concentrations that exceed their respective NYS Class GA Standards.

Two VOCs, 1,1-DCE and 1,1-DCA, were detected at JS-APS-004 (61.9 feet bgs) at concentrations that exceed their respective NYS Class GA Standards.

Two other VOCs were detected in groundwater but at concentrations below their respective NYS Class GA standards. Vinyl chloride, was detected at one location (JS-APS-004 (61.9 feet bgs)) at a concentration of 0.6 J µg/L and PCE was detected at two locations JS-APS-001 (14.1 feet bgs) and -003 (8.8 feet bgs)) at 0.6 J and 1 µg/L, respectively.

Off-Site Waterloo APS™ Groundwater Samples

Three VOCs (1,1,1-TCA, 1,1-DCA and TCE) were detected in groundwater at one off-Site location OS-APS-024 (40.2 feet bgs) at concentrations above their respective Class GA Standards. VOCs were also detected in groundwater samples collected from several other off-Site locations (OS-APS-024, -025, and -027) at concentrations below their respective Class GA Standards.

4.7.2.4 VOCs in Shallow Groundwater

The analytical results for VOCs from 123 groundwater samples plus 12 field duplicates collected from 32 on- and off-Site monitoring wells are presented in **Table 19** and detected VOC concentrations are compared to their respective NY Class GA Standards. Total VOC concentrations are shown on the map in **Figure 33**.

On-Site Shallow Groundwater

Ninety-four (94) groundwater samples were collected from 18 on-Site wells screened in the shallow sand and gravel unit (water table). Eight VOCs (1,1,1-TCA, TCE, 1,1-DCA, cis-1,2-DCE, 1,1,2-TCA, chloroethane, 1,1-DCE and 1,2-DCA) were detected in groundwater from on-Site locations at concentrations that exceed their respective NY Class GA Standards at one or more locations.

- **1,1,1-TCA** was detected in 50 samples where concentrations ranged from BDL to 5,700 µg/L (IRM-TW-001) with a median of 145.0 µg/L;
- **TCE** was detected in 74 samples where concentrations ranged from BDL to 1,700 µg/L (IRM-TW-001) with a median of 2.25 µg/L ;
- **1,1-DCA** was detected in 38 samples where concentrations ranged from BDL to 570 µg/L (IRM-TW-001) with a median of 20.74 µg/L; and
- **Cis-1,2-DCE** was detected in 55 samples where concentrations ranged from BDL to 26 µg/L (IRM-TW-003) with a median of 1.69 µg/L.

Off-Site Shallow Groundwater

Forty-one (41) groundwater samples were collected from 14 off-Site wells screened in the shallow sand and gravel unit (water table). Four VOCs (TCE, 1,1,1-TCA, 1,1-DCA and 1,1-DCE) were detected in groundwater from on-Site locations at concentrations that exceed their respective NY Class GA Standards at one or more locations.

- **TCE** was detected in 295 samples where concentrations ranged from BDL to 1,900 µg/L (OS-MW-030A) with a median of 3.5 µg/L ;
- **1,1,1-TCA** was detected in 21 samples where concentrations ranged from BDL to 780 µg/L (OS-MW-031A) with a median of 1.2 µg/L;
- **1,1-DCA** was detected in 10 samples where concentrations ranged from BDL to 14 µg/L (OS-MW-031A) with a median of 1.0 µg/L;
- **1,1-DCE** was detected in 6 samples where concentrations ranged from BDL to 4.0 µg/L (OS-MW-031A) with a median of 1.0 µg/L.

The October 2019 occurrence of TCE in off-Site upgradient well OS-MW-030A (1,900 µg/L) is considered an anomalous event. No VOCs except a trace concentration of chloroform (0.8

µg/L) were detected in the original groundwater sample collected from this well in January 2017. Follow-up sampling to the October 2019 results in December 2019 indicated a TCE concentration of 76 µg/L. No other VOCs were detected in the October or December 2019 samples. The cause for the occurrence of TCE in this well is unknown. There are nearby commercial properties up- and side-gradient to the location of this well. Sampling equipment and procedures used to collect samples from this well limit the potential for cross-contamination between groundwater monitoring well locations.

4.7.2.5 VOCs in Deep Groundwater

The analytical results for VOCs from 110 groundwater samples plus six field duplicates collected from 66 on- and off-Site monitoring wells are presented in **Table 19** and detected VOC concentrations are compared to their respective NY Class GA Standards. Total VOC concentrations are shown on the map in **Figure 34**.

On-Site Deep Groundwater

Thirty-nine (39) groundwater samples were collected from 11 on-Site wells screened in the deep sand and gravel unit. Eight VOCs (TCE, cis-1,2-DCE, 1,1,-DCE, 1,1,1-TCA, 1,1,2- 1,1,2-TCA, 1,2-DCA, 1,1-DCA and VC) were detected in groundwater at concentrations above their respective Class GA Standards.

Predominant VOC results for off-Site deep groundwater samples are as follows:

- **TCE** was detected in 28 samples where concentrations ranged from BDL to 130,000 µg/L (JS-MW-003C) with a median of 810 µg/L ;
- **1,1,1-TCA** was detected in 20 samples where concentrations ranged from BDL to 1,200 µg/L (JS-MW-001B) with a median of 20 µg/L;
- **1,1-DCA** was detected in 25 samples where concentrations ranged from BDL to 290 µg/L (JS-MW-001C) with a median of 89 µg/L;
- **1,1-DCE** was detected in 21 samples where concentrations ranged from BDL to 53 µg/L (JS-MW-001C) with a median of 29 µg/L; and.
- **Cis-1,2-DCE** was detected in 13 samples where concentrations ranged from BDL to 34 µg/L (JS-MW-003B) with a median of 13 µg/L.

No VOCs were detected above detection limits at JS-MW-004C, JS-MW-004D, JS-MW-006C and JS-MW-006D located on the south end (upgradient) of the Site.

Off-Site Deep Groundwater

Seventy-seven (77) groundwater samples were collected from 55 off-Site wells screened in the deep sand and gravel unit. Ten VOCs (1,1,1-TCA, TCE, 1,1-DCA, 1,1,-DCE, toluene, 1,1,2-TCA, methylene chloride, cis-1,2-DCE, VC, and 1,2-DCA) were detected in groundwater at concentrations above their respective Class GA Standards.

Predominant VOC results for off-Site deep groundwater samples are as follow:

- **1,1,1-TCA** was detected in 35 samples where concentrations ranged from 1.4 to 300,000 µg/L (OS-MW-052C) with a median of 130 µg/L;
- **TCE** was detected in 40 samples where concentrations ranged from BDL to 240,000 µg/L (OS-MW-052C) with a median of 105 µg/L;
- **1,1-DCA** was detected in 40 samples where concentrations ranged from BDL to 11,000 µg/L (OS-MW-052C) with a median of 25 µg/L;
- **1,1-DCE** was detected in 30 samples where concentrations ranged from BDL to 1,400 µg/L (OS-MW-052C) with a median of 60.1 µg/L;

- **Toluene** was detected in 6 samples where concentrations ranged from BDL to 1,200 µg/L (OS-MW-052C) with a median of 156 µg/L;
- **1,1,2-TCA** was detected in 17 samples where concentrations ranged from BDL to 480 µg/L (OS-MW-052C) with a median of 1.3 µg/L;
- **Methylene chloride** was detected in 5 samples where concentrations ranged from BDL to 1,90 µg/L (OS-TMW-043B) with a median of 0.76 µg/L; and
- **Cis-1,2-DCE** was detected in 20 samples where concentrations ranged from BDL to 63 µg/L (OS-MW-053C) with a median of 5.4 µg/L.

4.7.2.6 VOCs in Bedrock

The analytical results for VOCs from 10 groundwater samples plus two field duplicates collected from 8 on- and off-Site monitoring wells are presented in **Table 19** and detected VOC concentrations are compared to their respective NY Class GA Standards. Total VOC concentrations are shown on the map in **Figure 35**.

On-Site Bedrock Groundwater

Five (5) groundwater samples were collected from the two on-Site bedrock monitoring wells JS-MW-001BR and JS-MW-003BR. Very low concentrations (<10 µg/L) of 5 VOCs (acetone, 1,1-DCA, 1,1,1-TCA and TCE) were detected in groundwater samples collected from well JS-MW-001BR but there were no exceedances of their respective Class GA Standards. No VOCs were detected in the groundwater samples collected from JS-MW-003BR.

Off-Site Bedrock Groundwater

Seven (7) groundwater samples were collected from the six off-Site bedrock monitoring wells JS-MWs -024BR, -025BR, -027BR, -028BR, -030BR and -031BR. Very low concentrations (<10 µg/L) of five VOCs (acetone, methylene chloride, TCE and 1,1,1-TCA) were detected in groundwater samples collected from well JS-MW-031BR but there were no exceedances of their respective Class GA Standards. No VOCs were detected in the groundwater samples collected from remaining five bedrock groundwater monitoring wells JS-MWs -024BR, -025BR, -027BR, -028BR, and -030BR.

4.7.2.7 VOCs in Surface Water

The analytical results for VOCs from four surface water samples collected from off-Site locations in Woods Brook are presented in **Table 20**.

On-Site Surface Water

No surface water was present on the site; therefore, no surface water samples were collected.

Off-Site Surface Water

No VOCs were detected in surface water samples collected from off-Site locations.

4.7.2.8 VOCs in Sediment

The analytical results for VOCs from two sediment samples collected from off-Site locations are presented in **Table 21**.

On-Site Sediment

No surface water was present on-Site; therefore, no sediment samples were collected.

Off-Site Sediment

No VOCs were detected in sediment samples collected from off-Site locations at concentrations that exceed the appropriate NYS Class A SGVs.

4.7.2.9 VOCs in Groundwater/Surface Water Study

The analytical results for VOCs from 9 collocated groundwater and surface water samples plus one field duplicate sample collected from nine locations along the Hoosic River shoreline to investigate observed temperature anomalies using infrared technology are presented in **Tables 22 and 23** and detected VOC concentrations are compared to their respective NY Class GA Standards. Total VOC Concentrations are shown on the map in **Figure 36**.

Off-Site – Hoosic River Riverbed Pore Water (Groundwater)

VOCs were detected in six of the 10 pore water samples collected from the nine locations along Hoosic River shoreline during the RI surface water/groundwater study. The highest VOC concentrations were found in pore water samples collected from locations OS-MP-04, OS-MP-05, OS-MP-06 and OS-MP-07, which are coincident with the highest PFAS concentrations observed in the shallow groundwater samples.

Five VOCs (TCE, 1,1-DCA, 1,1,1-TCA, cis-1,2-DCE and 1,1-DEC) were detected in one or more groundwater samples at concentrations above their respective Class GA Standards.

Predominant VOC results for shallow groundwater samples are as follow:

- **TCE** was detected in six samples where concentrations ranged from BDL J to 71 µg/L (OS-MP-04) with a median of 1.9 µg/L ;
- **1,1-DCA** was detected in six samples where concentrations ranged from BDL to 44 µg/L (OS-MP-04) with a median of 1.0 µg/L;
- **1,1,1-TCA** was detected in five samples where concentrations ranged from BDL to 25 µg/L (OS-MP-04) with a median of 1.0 µg/L;
- **Cis-1,2-DCE** was detected in six samples where concentrations ranged from BDL to 11 µg/L (OS-MP-06) with a median of 1.6 µg/L; and
- **1,1-DCE** was detected in 30 samples where concentrations ranged from BDL to 7.9 µg/L (OS-MP-04) with a median of 1.0 µg/L.

Off-Site Surface Water – Hoosic River

Five VOCs (TCE, 1,1-DCA, 1,1,1-TCA, cis-1,2-DCE and 1,1-DEC) were detected in five of the nine collocated surface water samples collected from the nine locations in the Hoosic River during the RI surface water/groundwater study. The highest VOC concentrations were found in surface water samples collected from locations OS-MP-04, OS-MP-05 and OS-MP-06, which are coincident with the highest VOC and PFAS concentrations observed in collocated pore water samples. Individual VOC concentrations were all less than 5 µg/L and only one detection of 1,1,-DCE (0.91 J µg/L) slightly exceeded a surface water guidance value of 0.7 µg/L for this compound.

4.7.2.10 VOCs Summary

Figure 37 utilizes the south to north trending geologic cross section (F-F') previously presented as **Figure 14**. The figure shows groundwater elevations and total VOC (TVOCs) concentrations in groundwater as indicated by color-coded circles as well as the values posted next to corresponding groundwater monitoring well screens. The water table surface is indicated and blue groundwater flow arrows (cross section and inset trace) illustrate the movement of groundwater in the shallow and deep sand and gravel units (Section 4.5.2). The flow arrows

show groundwater in the shallow and deep sand and gravel units flowing toward, and coalescing to upwell and discharge to river.

The distribution of lower concentrations of TVOCs in groundwater in the shallow sand and gravel unit is indicated by green and blue circles that extend downgradient of the Site and toward the discharge to the river in the vicinity of one of the groundwater/surface water study sampling locations.

In the deep sand and gravel unit, the distribution of higher concentrations of TVOCs in groundwater is indicated by orange, yellow, blue and green circles. These higher concentrations appears to be Site-related and originating from the silt/clay unit. Similar to the TVOCs in the shallow sand and gravel unit, the elevated concentrations in the deep unit extend downgradient and toward the discharge to the river in the vicinity of one of the groundwater/surface water study sampling locations.

Bedrock groundwater concentrations of VOCs are indicated with gray and green circles. Although very low concentrations ($<10 \mu\text{g/L}$) of five VOCs (acetone, 1,1-DCA, 1,1,1-TCA and TCE) were detected in groundwater samples collected from one on-Site and one upgradient off-Site bedrock well, there were no exceedances of their respective Class GA Standards in these samples. These results indicate that groundwater bedrock is not significantly impacted by VOCs from past Site operations.

Figures 38-40 utilize the geologic cross sections A-A', B-B' and C-C' that focus on the subsurface beneath and immediately adjacent to the Site previously presented in **Figures 15-17**. These cross sections illustrate the distribution of TVOCs in soil and groundwater beneath and immediately adjacent to the Site where VOC impacts are apparent throughout the on-Site property within the silt/clay unit as well as shallow and deep sand and gravel units extending downward to the diamict (till) layer on the top of the bedrock.

VOC concentrations in samples collected from the clay ranged from BDL to 1,300 milligrams per kilogram (mg/kg). In discrete areas within the clay where the higher VOC concentrations occur, DNAPL has accumulated in three shallow overburden monitoring wells screened in the clay unit. The DNAPL accumulation occurs in a limited area and has been removed for off-site disposal over the course of three events during a one-year period. These residuals in the clay represent a secondary source of VOCs.

The lower sand and gravel unit is typically underlain by a diamict unit of varying thickness above the bedrock contact interpreted to be lodgment till. When encountered in borings, the till was observed to be quite dense. Samples of the till exhibited VOC concentrations in the range of 3 to 102 mg/kg. Three monitoring wells screened in the till exhibited VOC concentrations in groundwater that accumulated in the wells of approximately 6 milligrams per liter (mg/L), 24 mg/L and 524 mg/L (see **Figure 39**).

Since their installations, the monitoring wells screened in the till have been checked for any accumulation of separate phase NAPL and none has been observed.

Cross section B-B' (**Figure 39**) illustrates a conceptual pathway (brown dendritic shading) where DNAPL had moved down through the silt/clay unit, descending down through the deep sand and gravel unit to the top of and into the diamict that occurs at a depth of approximately 120 feet bgs and mantles the bedrock. The DNAPL likely moved into the diamict through diamict fractures and heterogeneities in the diamict. The absence of DNAPL in the wells installed in the diamict suggest that VOCs have diffused into the diamict matrix and are not mobile as a free-phase DNAPL, but dissolved-phase VOC concentrations in the diamict can serve as a secondary source to dissolved VOCs in the deep, overburden groundwater. The dissolved-phase VOCs in the diamict would also be subject to adsorption and resultant retardation depending on the fractional organic content of the diamict. The three additional geologic cross sections (Figures 16 to 18 from the final NYSDEC-approved Site Characterization Report for the 80 First Street property) are presented in **Appendix D**. These figures similarly show the distribution and concentrations of TVOCs in groundwater in the

shallow and deep sand and gravel units using color-coded circles. Individual VOC concentrations are also posted adjacent to their respective groundwater monitoring well screens.

These cross sections provide detailed views of the subsurface profile and distribution of VOCs in groundwater further to the west and northwest of the Site, two of which are perpendicular to cross section (F-F') presented in **Figure 37**. These cross sections illustrate important raised bedrock and overburden FCS feature that control the movement of VOCs in groundwater downgradient of the Site in the vicinity of and prior to discharging to the Hoosic River.

4.7.3 Total Organic Carbon (TOC) and pH

4.7.3.1 TOC and pH in Soil

The analytical results for TOC and pH from soil samples collected from on- and off-Site locations are presented in **Table 17**.

The pH values in on- and off-Site soil ranged from 6.6 to 12.3.

TOC concentrations in on- and off-Site soil ranged from 198 to 110,000 mg/kg. TOC concentrations tend to be higher in surface and near surface soil samples than in deeper subsurface soil samples, where the lowest concentrations were observed in samples collected from the deep sand and gravel unit below the clay layer.

4.7.3.2 TOC and pH in Waterloo APS™ Groundwater Samples

The analytical results for TOC and pH from groundwater samples collected on- and off-Site are presented in **Table 18**.

The pH values in on- and off-Site Waterloo APS™ groundwater samples ranged from 7.3 to 8.3, which is within the NYS Class GA Standard range of 6.5 to 8.5.

TOC concentrations ranged from BDL to 2.5 mg/L.

4.7.3.3 TOC and pH in Groundwater Monitoring Well Samples

The analytical results for TOC and pH from groundwater monitoring well samples collected on- and off-Site are presented in **Table 19**. The pH values in on- and off-Site groundwater monitoring well samples ranged from 6.5 to 12.4.

TOC concentrations ranged from BDL to 258 mg/L.

4.7.3.4 TOC and pH in Surface Water

The analytical results for TOC and pH from four surface water samples collected off-Site are presented in **Table 20**.

No surface water was present on-Site; therefore, no surface water samples were collected.

The pH values in the off-Site surface water samples collected from Woods Brook and the Hoosic River ranged from 8.0 to 9.6.

TOC concentrations ranged from 1.2 to 3.6 mg/L.

4.7.3.5 TOC and pH in Sediment

The analytical results for TOC and pH from two sediment samples collected off-Site are presented in **Table 21**.

No surface water was present on-Site; therefore, no sediment samples were collected.

The pH values in the two off-Site sediment samples OS-SED-017 and OS-SED-018 were 7.82 and 7.86, respectively.

TOC concentrations in OS-SED-017 and OS-SED-018 were 4,250 and 1,670 mg/kg, respectively.

4.8 Clay Borings

As part of the IRM PDI, NYSDEC requested five of the on-Site PDI soil borings (**Figure 31**) be sampled in a manner to further characterize VOC and PFAS concentrations in brown/gray clay unit on-Site. The brown clay layer overlies the thicker gray clay layer. Recent soil borings indicate that the brown clay layer is not present at all locations near the Site, or is very thin (e.g., <12 inches) at some locations. Where possible, soil samples from four depth intervals were collected for VOCs, PFAS plus TOC and pH. Target intervals included top and bottom of brown clay where present and >12-inches thick; otherwise, one representative sample was collected where brown clay is present and <12-inches; and the top and bottom of gray clay.

The VOC, PFAS, TOC and pH results were included in the data sets discussed in preceding sections for those respective analyte groups in on-Site soil.

4.9 Sanitary Sewer Utility Trench Borings

The municipal sanitary sewer lines upstream, beneath and downstream of the Site were evaluated by advancing soil borings/sampling to determine if the sewer lines have leaked to soil and groundwater and/or act as preferential pathways for contaminant movement in groundwater.

Eighteen soil borings were installed at nine locations where soil borings were positioned within four to ten feet of the sewer line. One soil sample was collected from each boring at a depth corresponding to the one-foot interval below the pipe invert elevation. All soil samples were analyzed for PFAS (21), TOC, pH, TCL VOCs, and TAL Metals plus three samples (20%) were analyzed for full TAL Organics (VOCs, Semi-VOCs, pesticides, polychlorinated biphenyls (PCBs)) and TAL Inorganics (metals and cyanide).

Sanitary sewer boring soil sample analytical results are presented in **Tables 9 and 17**. VOCs were detected in most of the soil samples. With the exception of potassium, no other analytes were detected at concentrations exceeding their respective Part 375 SCOs.

The VOC results of the sanitary sewer boring soil samples are shown on the map presented in **Figure 41**. The detections of VOCs in soil beneath and immediately adjacent to the Site are attributable to the VOCs in the silt/clay unit beneath the Site and/or the culvert structure. The results do not indicate that the sanitary sewers have leaked significant concentrations of VOCs to soil and groundwater, and/or act as preferential pathways for contaminant movement in groundwater.

4.10 Metals in Shallow Soil

Initial SC results indicated concentrations of copper (JS-B-002 and JS-B-005) and nickel (JS-B-003) exceeding their respective SCOs for Commercial Use at three locations.

Copper was detected in two on-site soil samples at concentrations that exceed the NYS Commercial Use SCO of 270 mg/kg at JS-B-002 (6 to 8 feet bgs) and JS-B-005 (0 to 2-inches bgs) at 308 and 734 mg/kg, respectively.

Nickel was detected in one on-Site soil sample JS-B-003 (2 to 12-inches bgs) at 313 mg/kg, which exceeds the NYS Commercial Use SCO of 310 mg/kg.

Five soil borings were performed at each of the three areas to delineate metals concentrations exceeding the Commercial Use SCOs. One boring was installed at the location of the former boring while the remaining four were located approximately 5 feet from the original boring and arranged in the four cardinal directions to form a square.

In addition to targeted metals analyses of soil samples from each area, NYSDEC required all samples to also be analyzed for VOCs, PFAS (21), TOC, and pH. The VOC, PFAS, TOC and pH results were included in the data sets discussed in preceding sections for those respective analyte groups in on-Site soil.

JS-B-002: Five soil samples plus one field duplicate were collected for copper analyses from 8 to 10 feet bgs (JS-B-002, JS-B-002C and JS-B-002D) and 7-9 feet (JS-B-002A and JS-B-002B). Copper was detected in all six samples ranging from 65.5 to 292 mg/kg. Copper slightly exceeded the Commercial Use SCO of 270 mg/kg in samples JS-B-002C and JS-B-002D at concentrations of 291 and 292 mg/kg, respectively. Copper concentrations in the remaining samples were less than 270 mg/kg. While samples collected in two of the four directions still had exceedances for copper, the concentrations were close to the SCO and the area is small. This can be considered a de minimus impacted area.

JS-B-003: Five soil samples were collected for nickel analyses from 1 to 3 feet bgs (JS-B-002, JS-B-002A, JS-B-002B, JS-B-002C and JS-B-002D). Nickel was detected in all five samples ranging from 23.5 to 54 mg/kg, all below the Commercial Use SCO of 310 mg/kg. The delineation of nickel impacts to shallow soil can be considered complete.

JS-B-005: Five soil samples plus one field duplicate were collected for copper analyses from 1 – 3 feet bgs (JS-B-005, JS-B-005A, JS-B-005B, JS-B-005C and JS-B-005D). Copper was detected in all six samples ranging from 28.8 to 195 mg/kg, all below the Commercial Use SCO of 270 mg/kg. The delineation of copper impacts to shallow soil can be considered complete.

The concentrations of copper and nickel exceeding their respective Commercial Use SCOs are observed at a low frequency in small de minimus areas. They are attributed to natural occurrence in the glacial soils which are unrelated to the historical Site activities. No further action is recommended for copper and/or nickel at the three locations discussed above.

4.11 Data Usability Assessment

An independent third party reviewed all environmental media sample laboratory data deliverables to assess and validate the quality and usability of the data. An overview of the data quality objectives and usability review process/requirements, and the resultant data usability reports (DUSRs) is presented below. **Table 8** presents each sample and the analytical tests performed and detailed information about each test is provided in **Table 24**.

4.11.1 Data Quality Objectives

Data Quality Objectives (DQOs) are qualitative and quantitative criteria used to support the decision making process. DQOs define the uncertainty in analytical data and consider precision, accuracy, representativeness, completeness, and comparability (PARCC):

- Precision is a measure of mutual agreement among measurements of the same property usually under prescribed similar conditions. Precision is best expressed in terms of the standard deviation.
- Accuracy is the degree of agreement of a measurement (or an average of measurements) with an accepted reference of “true value”. Accuracy is an estimate of potential numerical bias (i.e., low or high) in analytical data.
- Representativeness expresses the degree to which data parameter variations at a sampling point indicate a process condition, or an environmental condition.
- Completeness is a measure of the amount of valid data obtained compared to the amount that was expected to be obtained under correct normal conditions.
- Comparability expresses the confidence with which one data set can be compared with another. Comparability is a qualitative measurement. Comparability is assessed by reviewing results or procedures for analytical data that do not agree with expected results.

Eurofins provided a NYSDEC ASP Category B deliverable for all data. The Quality Assurance Officer carried out a preliminary review of the data packages. An independent third party, Environmental Data Services, Inc. (EDS), located at 177 Herman Melville Avenue, Newport News, Virginia, validated the data. The review of the sampling data by EDS was performed in accordance with the:

- Analytical methods;
- NYSDEC ASP (NYSDEC, 2010);
- USEPA CLP National Functional Guidelines for Organic Superfund Data Review (USEPA, 2017);
- Applicable USEPA Region II Data Review Standard Operating Procedures; and
- Reviewer's professional judgment.

The order in which the aforementioned guidance documents and/or criteria were listed as being used for validation does not imply a hierarchy of reliance. The most comprehensive reference sources were used to perform a complete data validation.

4.11.2 Data Usability

DUSRs were prepared for all samples based upon the data review. The DUSRs consist of a section that contains an assessment of the deliverables, followed by a section that describes the analytical results and any qualifications that should be considered when using the data. The DUSRs highlight the data results that did not meet QC limits and, therefore, required data qualification. These tables include information such as blank contamination, surrogate recoveries, and internal standard area counts that did not meet QC criteria.

Qualification of data, where appropriate, was made by the use of qualifier codes based upon the data validation process. These qualifiers are defined in the data tables where used and serve as an indication of the qualitative and quantitative reliability of the data.

The final review of the all DUSRs was performed by the ERM Quality Assurance Officer. The validation indicated that, out of the greater than 53,000 analytical results generated during the RI, only 70 were rejected and 99.9% of the data are usable for the purposes of the RI. The DUSRs are presented in **Appendix E** and the NYSDEC ASP Category B deliverables are provided as a separate compressed electronic file deliverable as **Appendix F**.

4.12 Investigation Derived Wastes

Investigation-derived waste (IDW) consisted of the following:

- Water: decontamination fluids, monitoring well development water, surface water and groundwater from Waterloo APS™ profiling and monitoring well sampling;
- Disposables: personal protective equipment, HDPE tubing used for groundwater sampling, paper towels and HDPE plastic; and
- Solids: soil cuttings, sediment and drilling mud.

The IDW generated from the field sampling efforts was placed in DOT-approved 55-gallon steel drums and staged in appropriate containers for subsequent waste characterization sampling and analysis, waste determination and disposal

All containers of IDW were labeled with generator name, address, contents, container number, waste determination status and accumulation start date. The IDW containers were staged in on-Site designated, secure temporary staging areas located at the John Street property.

All IDW was packaged, properly labeled and shipped under an approved waste profile to a disposal facility consistent with established waste disposal practices for all IDW and remedial waste generated from the Site.

5. CONCEPTUAL SITE MODEL AND EXPOSURE ASSESSMENTS

5.1 Conceptual Site Model

The Site occupies a relatively small footprint (0.6 acres) in an area of mixed commercial and residential use. The topography of the Site is generally flat with a gentle northward slope toward the Hoosic River. Woods Brook is an intermittent stream that is culverted along the eastern boundary of the Site and eventually discharges to the Hoosic River. Prior to 1950-1952, Woods Brook flowed beneath the former on-Site building before it was rerouted to its current location. Site operations were concluded by 1997 and the building was razed in 2012.

Current land surface at the Site consists of crushed stone and fencing restricts access. The geologic composition beneath the Site and surrounding area was determined from 83 on-Site and 57 off-Site testing borings and 8 bedrock coring locations. This work identified a sequence of four general geologic units of unconsolidated deposits overlying the bedrock surface. In order from the top of bedrock to the ground surface, these four units of unconsolidated deposits are: 1) discontinuous occurrences of till (diamict) mantling the weathered bedrock surface; 2) a semi-confined coarse-grained glacial outwash sand and gravel above the till; 3) a glaciolacustrine clay/silt; and 4) shallow sand, gravel and fill. The sand, gravel and fill comprise the shallow, overburden water table groundwater system beneath the Site and surrounding area while the silt/clay unit, which varies in thickness, separates the shallow groundwater from the deeper sand and gravel groundwater system, which then transitions to more dense till deposits at a number of locations immediately above the bedrock surface.

The Conceptual Site Model (CSM) shown in **Figure 42** illustrates the potential migration pathways for COCs that may have been released at the Site and from other nearby source areas. The physical features of the Site and surrounding area that provide the most significant potential pathways for COCs to migrate from the former John Site to surrounding areas are surface runoff, infiltration and leaching to the subsurface and partitioning to groundwater, which subsequently migrates toward the Hoosic River and discharges to surface water. As noted in the CSM **Figure 42**, the silt/clay deposit that separates the shallow overburden groundwater from the deeper groundwater in the sand and gravel unit thins and pinches out near the Hoosic River. In this area, deeper groundwater upwells and mixes with shallow groundwater prior to discharge to the Hoosic River. The groundwater contours in both units on the north side of the Hoosic River indicate ground flows south and westerly to discharge to the Hoosic River. Hence, the Hoosic River is a hydrogeologic boundary and receptor of groundwater flow from both the south and north.

5.2 VOCs

VOC impacts are observed at the on-Site property within the clay/silt unit as well as shallow and deeper overburden groundwater extending downward to the till layer on the top of the bedrock. A CSM of the potential releases of VOCs from the Site during operations and current conditions is shown in **Figures 43 and 44**. VOC results of soil and groundwater samples collected over the course of multiple phases of investigation support this potential release scenario.

Dissolved VOCs in shallow, overburden groundwater migrate toward the Hoosic River. Along the path to the river, VOCs in shallow overburden groundwater can volatilize into the overlying unsaturated zone resulting in vapors to potentially migrate into commercial or residential structures that overlie affected shallow groundwater. This pathway was confirmed through a series of investigations conducted on properties during RI resulting in a series of IRMs to mitigate vapor intrusion (see **Figure 11**).

Elevated VOC concentrations in shallow and deep overburden groundwater persist because of three secondary sources: 1) VOCs entrained in the on-Site clay/silt unit; 2) VOCs in soil residuals in the former culvert that was the subject of an IRM; and 3) VOCs in off-Site dense, till

deposits that overlie bedrock. The approximate areal footprint of these secondary VOC sources is shown in **Figure 45**.

5.2.1 VOCs in On-Site Clay

VOC concentrations in samples collected from the clay ranged from BDL to 1,300 mg/kg. In discrete areas within the clay where the higher VOC concentrations occur, DNAPL has accumulated in three (temporary) shallow overburden monitoring wells screened in the clay unit. The DNAPL accumulation occurs in a limited area and has been removed for off-site disposal over the course of three events during a one-year period. These residuals in the clay represent a secondary source of VOCs.

5.2.2 VOCs in Culvert Residual Soils

An abandoned concrete culvert in John Street on the north side of the Site was uncovered by a Village contractor during sewer work in the street in 2019. This structure was associated with the former alignment of the Woods Brook channel that crossed beneath the Site prior to Woods Brook being relocated to its current location east of the Site by the USACE in the early 1950's.

Soil and debris that were encountered in the abandoned culvert were found to contain elevated levels of VOCs. These materials were removed to the extent practical, considering presence of existing utilities and excavation stability, as part of an IRM that was completed in early 2020. Post-IRM samples within the footprint of the open culvert beneath John Street and to the north of John Street showed residual VOCs levels of up to 164 mg/kg (ppm). These residuals represent a secondary source of VOCs.

5.2.3 VOCs in Diamict (Till)

The lower sand and gravel unit is typically underlain by a very dense/compact diamict (lodgment till) unit of varying thickness above the bedrock contact. Samples of the till exhibited VOC concentrations in the range of 3 to 102 mg/kg (ppm). Three monitoring wells screened in the till exhibited VOC concentrations in groundwater that accumulated in the wells of approximately 6 milligrams per liter (mg/L), 24 mg/L and 524 mg/L, respectively (see **Figure 39**).

Since their installations, the monitoring wells screened in the till have been checked for any accumulation of separate phase DNAPL and none has been observed. The elevated concentrations of VOCs in the till can serve as a secondary source to dissolved VOC levels in the deep, overburden groundwater.

5.2.4 Groundwater/Surface Water

The groundwater/surface water investigative task also evaluated VOCs in groundwater (pore water) that discharges from the riverbed to surface water. VOCs were detected in five of the nine locations that were sampled. At those locations where VOCs were detected, the concentrations in pore water ranged from 4.9 µg/L to 149.1 µg/L. As groundwater discharges from the riverbed to the river, the overlying surface water concentrations where VOCs were detected ranged from 0.4 µg/L to 10.5 µg/L and were all below respective AWQS.

5.3 PFAS

PFAS, predominantly PFOA, were detected in soil and groundwater samples collected during the course of the investigation. The distribution and range of concentrations in soil and groundwater media suggests PFOA from historical John Street operations may have entered the environment through discrete releases within and/or immediately adjacent to the former building footprint. These potential releases would have impacted a limited on-Site area of shallow groundwater above the silt/clay confining unit that moves northerly off-Site toward the Hoosick River.

A CSM of the potential releases of PFAS from the Site during operations is shown in **Figure 46**. This manner of potential release is based on the observed PFOA distribution in soil and groundwater.

5.3.1 PFOA in Soil

PFOA concentrations in surface and near surface soil (i.e., samples within the upper 2 feet) are similar in on- and off-Site soils. On-Site and off-Site area surface soils exhibited similar PFOA concentrations ranging from BDL to 6.8 µg/kg (median 0.66 µg/kg) on-Site and BDL to 2.6 µg/kg (median 0.37 µg/kg) off-Site.

Subsurface soil (i.e., deeper than 2 feet) PFOA concentrations ranged from BDL to 23 µg/kg (median 1.2 µg/kg) on-Site and BDL to 6.7 µg/kg (median 0.28 µg/kg) off-Site. On-Site subsurface samples, the majority of which were from within the footprint of the former plant building, were collected from intervals ranging from 3 to 44.5 feet below grade. The upper end of the range of PFOA concentrations (i.e., between 10 to 23 µg/kg) in deeper on-Site subsurface soil occurs at seven sample locations, suggesting possible historical releases in isolated locations beneath or immediately adjacent to the former building.

5.3.2 PFOS in Soil

PFOS was detected in less than 25% of on- and off-Site soil samples where the highest concentrations were observed in soil samples collected from off-Site locations. PFOS was only detected in 16 of the 143 on-Site soil samples with concentrations ranging from BDL to 5.4 µg/kg (JS-B-005D, 12"-36"). PFOS was only detected in 27 of the 125 off-Site soil samples with concentrations ranging from BDL to 38 µg/kg (OS-B-024, 4'-6') with a median of 0.24 µg/kg. These occurrences and concentrations indicate that PFOS in soil is not the result of past Site operations.

5.3.3 PFOA in Groundwater

On-Site groundwater occurs in the shallow and deep sand and gravel units separated by a glaciolacustrine silt/clay deposits that act as a semi-confining unit. Initial observations would suggest similar ranges of PFOA concentrations in shallow and deep aquifer units. However, upon closer inspection of both on-Site and off-Site PFOA concentrations in shallow and deep units, a number of differences emerge that inform the CSM.

Figure 47 segments the PFOA results in shallow and deep groundwater based on geographic location. The figure contrasts the observed PFOA concentrations in the shallow and deep sand and gravel units while providing the range in concentrations observed in on-Site and off-Site monitoring wells in various directional locations (i.e., on-Site south, on-Site north, upgradient, cross-gradient and downgradient) relative to observed groundwater flow direction in each unit. As shown in this figure, the similarity in PFOA concentrations in the shallow and deep units is limited to the northern On-Site area, principally beneath the former building footprint. PFOA concentrations in shallow groundwater upgradient, cross-gradient and downgradient of the Site, as well as at the southern portion of the Site, are much lower. These data offer another line of evidence that PFOA releases from former on-site operations were isolated to areas beneath the building footprint and attenuate down gradient of the Site.

Moreover, the range of PFOA concentrations in the deeper sand and gravel unit are consistent in the various directional locations and show an off-Site, upgradient contribution of PFOA in groundwater of the same magnitude as observed in on-Site monitoring wells screened in the deeper sand and gravel. These data indicate that the origin of PFOA found in the deeper, on-Site sand and gravel unit, which is separated from the shallow unit by a greater than 40-foot thick silt/clay unit, is from off-Site upgradient source(s).

Bedrock groundwater concentrations of PFOA from two on-Site monitoring wells were BDL and 13 ng/L, respectively. Six off-Site bedrock wells, surrounding the Site in all directions, exhibited

concentrations ranging from below the detection limit to 19 ng/L in a sample collected from an upgradient location. These results indicate PFOA in bedrock groundwater is not the result of past Site operations.

In summary, the distribution and concentration ranges of PFOA observed in soil and groundwater suggest that any releases from the former operations at the Site appear to have been the result of isolated discharges beneath and adjacent to the building and/or potential historical air emissions. These releases appear to have occurred in isolated, on-site locations and to have only impacted shallow overburden groundwater. In contrast, deeper groundwater was found to have a much wider area of PFOA impacts that extend side-gradient and upgradient of the Site while PFOA concentrations in shallow, overlying groundwater in these locations are more than five-fold lower in median concentration than deeper groundwater. This line of evidence indicates that a more significant source(s) of PFOA in groundwater are present upgradient of the Site.

5.3.4 PFOS in Groundwater

PFOS was detected in approximately 50% of on-Site groundwater samples and 90% in off-Site groundwater samples where the highest concentrations were observed in groundwater samples from off-Site locations. PFOS concentrations in on-Site groundwater samples ranged from BDL to a maximum concentration of 8 ng/L with a median of 1.81 ng/L. PFOS concentrations in off-Site groundwater samples ranged from BDL to a maximum of 21 ng/L (OS-TMW-043A) and a median of 6.7 ng/L. These occurrences and concentrations indicate that PFOS in groundwater is not the result of past Site operations.

5.3.5 Groundwater/Surface Water

Regional groundwater flow in the shallow and deeper sand and gravel units is depicted on **Figures 18 and 19**. Local groundwater flow in both these units (see **Figure 20**) indicates groundwater in the shallow and deeper sand and gravel units flows in NNW and northerly direction, respectively. Groundwater from both units discharges to the Hoosick River. Water table and potentiometric elevations of groundwater in monitoring wells on the opposite side of the Hoosick River, which were installed as part of other ongoing investigations in the area, similarly indicate groundwater discharge to the river. The hydrogeologic data establish the Hoosick River as a hydraulic barrier to groundwater flow in the unconsolidated deposits existing on either side of the river.

An investigative task was undertaken to assess the relations of groundwater discharge to surface water (see section 4.6) and pathway for PFAS discharge confirmed the Hoosick River as a discharge point. Pore water measurements taken at discrete locations within the Hoosick River riverbed, where the blended shallow and deep groundwater discharges, exhibit PFOA concentrations similar to those observed in groundwater immediately adjacent to the river (7.2 to 1,500 ng/L). As groundwater discharges from the riverbed to the river, the overlying surface water PFOA concentrations ranged from 11 to 130 ng/L with concentrations in surface water attenuating to 18 to 19 ng/L in the three most downstream samples. While PFOA concentrations in pore water and corresponding collocated surface water samples varied by locations, PFOS concentrations in those same samples were similar in upstream and downstream sampling locations, i.e., all < 7.0 ng/L. (See **Figure 28** for a summary of the PFAS results of the groundwater/surface water investigation).

5.4 Qualitative Human Health Exposure Assessment

A Qualitative Human Health Exposure Assessment (QHHEA) was completed pursuant to the requirements in DER-10 paragraph 3.3(c) 4 and Appendix 3B to evaluate and document how people may be exposed to Site-related contaminants and to identify and characterize potentially exposed population(s) now and under reasonably anticipated future use of the Site. The QHHEA report is presented in **Appendix G**, and summarized below.

5.4.1 Identification of Contaminant Sources

The SC/RI investigation data suggest the historical release of contaminants from former manufacturing processes that used VOCs and PFAS (specifically, PFOA) and, as established in the RI, these constituents represent the Site-related COCs in on-Site and off-Site environmental media. The original release mechanisms are not known but may have included on-Site releases to the ground surface, or on-Site releases to soils beneath the former building, and potential historical on-Site and off-Site air emissions, as discussed in the RI CSM. COCs were identified in on-Site and off-Site surface soil, subsurface soil, groundwater, soil vapor and off-Site surface water in the Hoosic River. Site investigations indicate that PFOA appears to be related to both on-Site and off-Site sources.

5.4.2 Release and Transport Mechanisms

The original release mechanisms are not known but may have included on-Site releases to soil at the ground surface, or on-Site releases to soils beneath the former building, and air emissions. The potential release and transport mechanisms considered in the QHHEA included fugitive dust emissions, volatilization, surface water runoff, leaching, groundwater transport, air deposition and preferential pathways. Of these, the primary release and transport mechanisms identified for the Site include:

- i. Volatilization - The presence of VOCs in on-Site and off-Site soil vapor samples confirm this is a relevant transport pathway for COCs in on-Site soil and groundwater and off-Site groundwater.
- ii. Leaching - COCs in soil beneath the former building appear to have migrated through or leached from unsaturated soils to shallow groundwater. In addition, VOCs have penetrated into the silt and clay unit through density-driven migration at the Site and appear to have penetrated through the silt and clay at select locations on or adjacent to the Site to the deeper sand and gravel unit and diamict above bedrock.
- iii. Groundwater transport - COCs in shallow and deep groundwater have migrated off-Site to the north/northwest. In addition, sampling data presented in the RI confirms that groundwater in the unconsolidated overburden flows toward and discharges to the Hoosic River northwest of the Site.

Prior to the 1950s, Woods Brook was channelized underneath the former on-Site building and John Street. This abandoned channel, as well as the former culvert beneath John Street, may have acted as a preferential pathway for COC migration from the subsurface into groundwater and the off-Site migration of groundwater. The John Street Culvert IRM removed a substantial mass of residual contaminants that might have been contributing mass to shallow groundwater.

5.4.3 Potential Human Exposure Points, Exposure Routes and Receptor Populations

5.4.3.1 On-Site Receptors

The Site is owned by Honeywell and is currently vacant (no buildings or Site operations). There are no receptor populations who may be exposed to contaminants in surface soil, soil vapor, subsurface soil or groundwater on-Site under current conditions. Future land use is likely to be commercial or recreational with restrictions against residential use. Water is and will continue to be provided from the Village public water system.

Potential on-Site receptor groups and complete exposure pathways under potential future conditions include:

- i. Commercial/industrial workers (direct contact with surface soil and inhalation of soil vapor),
- ii. Recreational users (direct contact with surface soil and inhalation of soil vapor), and

- iii. Construction workers (direct contact with surface and subsurface soil, direct contact with shallow groundwater and inhalation of soil vapor).

5.4.3.2 Off-Site Receptors

The surrounding land use is currently mixed commercial/residential. Under current conditions, Site-related groundwater impacts are present in off-Site areas, specifically to the north/northwest of the Site. As a result of the Vapor Intrusion Mitigation IRM, vapor intrusion in indoor air is no longer a potentially complete exposure pathway under current conditions in off-Site areas. Water is and will continue to be provided to off-Site receptors within Hoosick Falls by the Village public water system.

Under current and potential future conditions, off-Site receptors include:

- i. Recreational users in the Hoosic River (direct contact with sediment and surface water).

Under potential future conditions, off-Site receptors include:

- i. Residents (inhalation of soil vapor),
- ii. Commercial/industrial workers (inhalation of soil vapor), and
- iii. Construction workers (direct contact with shallow groundwater and inhalation of soil vapor).

The upcoming FS will address potential remedial actions to limit current and future exposures identified in the QHHEA. The final remedy may include actions such as active remediation, an engineered cover, other engineering controls and institutional controls, including an environmental easement, as well as a Site Management Plan.

5.5 Fish and Wildlife Resources Impact Analysis (FWRIA)

The NYSDEC's decision key contained in Appendix 3C of DER-10 was used to determine that a Fish and Wildlife Resources Impact Analysis (FWRIA) was required for the Site. The resulting FWRIA Report is presented in **Appendix H**, and summarized below.

The FWRIA was conducted in accordance with the Fish and Wildlife Impact Analysis (FWIA) for Inactive Hazardous Waste Sites (NYSDEC, 1994) and DER-10 Technical Guidance for Site Investigation and Remediation (NYSDEC, 2010). The DER-10 guidance divides a FWRIA into two parts, Part 1: Resource Characterization (Section 3.10.1), and Part 2: Ecological Impact Assessment (Section 3.10.2). The purpose of the FWRIA Part 1 is to identify actual or potential impacts to fish and wildlife resources that presently exist at and in the vicinity of the Site⁵. The findings of the FWRIA Part 1 were used by the NYSDEC to determine the need for a FWRIA Part 2 analysis.

5.5.1 Fish and Wildlife Resource Identification and Characterization

Based on aerial imagery, land use classification inventories, and Site work completed as part of the RI/FS, areas within 0.25- to 0.5-miles of the Site support developed, forested, and riverine cover types. The Site itself is located within a commercially zoned district in the center of the Village of Hoosick Falls. There are no habitat areas within or immediately adjacent to the Site. The major habitat feature near the Site is the Hoosic River, which is a tributary to the Hudson River and is a designated Inland Waterway under Article 42 of the NYS Executive Law (Waterfront Revitalization of Coastal Areas and Inland Waterways). Woods Brook, while adjacent to the Site, is not hydrologically connected to the Site, is conveyed in an engineered flood control concrete culvert, and does not contain ecological habitat. There are no records of state regulated freshwater wetlands, significant natural communities, or rare plants or animals within a 0.25-mile or a 0.5-mile radius of the Site.

⁵ The NYSDEC DER-10 Part 1 FWRIA guidance (NYSDEC, 2010) refers to and generally satisfies the requirements of Step 1, 2A, and 2B of a FWIA for Inactive Hazardous Waste Sites (NYSDEC, 1994); every effort has been made herein to meet the requirements of both.

5.5.2 Contaminant Migration and Exposure Pathway Identification

The FWIA Part 1 analyses indicate that the only complete migration pathway between impacted environmental media at the Site and fish and wildlife resources is impacted groundwater in the unconsolidated overburden at the Site, which flows toward and discharges to the Hoosick River. No fish and wildlife resources present beyond the groundwater discharge areas in the Hoosick River are influenced by impacted Site media.

5.5.3 Identification of Contaminants of Ecological Concern

Site-related constituents of potential ecological concern (COPECs) in overburden groundwater include VOCs and to a lesser extent PFAS, noting that the greatest source of PFAS in deep overburden groundwater originates from an upgradient off-Site source(s). Measured concentrations of VOCs and PFAS in surface water and pore water from locations within groundwater discharge areas in the Hoosick River are below conservative surface water screening levels protective of aquatic life and upper trophic level wildlife.

Based on the analyses completed in the FWRIA, there are no impacts, potential or actual, to identified fish and wildlife resources as a result of the Site, and a Part 2: Ecological Impact Assessment is not required.

6. CONCLUSIONS AND RECOMMENDATIONS

Data obtained during the RI indicate that VOCs are the primary COCs at the Site and are present at elevated concentrations in three secondary source areas: the silt/clay unit, residual culvert soil, deep off-Site lodgment till, as well as in shallow and deep groundwater. PFAS, specifically PFOA, occurrences that might be attributed to past Site operations are limited to beneath or immediately adjacent to the former building affecting shallow, overburden groundwater that moves northerly prior to discharging to the Hoosic River. PFOA concentrations in deeper groundwater are also present upgradient of the Site.

Groundwater in the shallow and deep units mixes as it approaches the Hoosic River where the silt/clay unit thins and pinches out; groundwater eventually discharges to the river. Pore water samples within the riverbed with PFOA concentrations ranging from 11 to 1,500 ng/L confirm this discharge to surface water. These discharges attenuate in surface water to concentrations ranging from 11 to 130 ng/L. VOCs also attenuate as pore water discharges to the Hoosic River and results in surface water concentrations ranging from below the detection limit to 10.5 µg/L, which are all below respective AWQS.

6.1 VOCs

VOCs are the primary COCs in soil and groundwater. VOCs dissolved in shallow and deep sand and gravel groundwater migrate northward and discharge to the Hoosic River. Based on the results of surface water sampling, all VOCs are below their respective AWQS in the river.

An IRM relying on a PlumeStop™ barrier along the northern portion of the Site is successfully reducing the dissolved VOCs in on-Site groundwater as it moves north off-Site. The dissolved VOCs in shallow, overburden groundwater that exists beyond the PlumeStop™ barrier continue to move northward toward the river and along that migration route can volatilize into the unsaturated zone and potentially result in vapors migrating into aboveground structures. As a result, vapor intrusion impacts in aboveground structures were evaluated during the RI and a number of vapor intrusion mitigation measures were installed as part of an IRM.

VOCs in deep till have been sufficiently characterized in environmental media to the north, south and west of the Site. The extent of deep till to the east is controlled by the rising bedrock surface to the east.

The low VOC concentrations in the bedrock groundwater, combined with generally upward gradients in the bedrock indicate that VOC migration through the bedrock is not a significant concern.

This RI identified three secondary VOC sources (i.e., in the silt/clay unit, residual soil in the culvert; and till), which will continue to introduce dissolved VOCs to the groundwater system. These secondary sources will present unique challenges to any further VOC mass reduction, as a result of types of materials, i.e., silt/clay and diamict (dense lodgment till), that the VOCs reside within and accessibility, i.e., depths and overlying/adjacent structures such as the former and current culvert structures for Woods Brook.

6.2 PFAS

The nature and extent of PFAS presence in environmental media is predominately PFOA. The extent of sampling of environmental media during the course of multiple phases of investigation have sufficiently characterized PFAS, and in particular PFOA, for the purpose of RI objectives.

PFAS in environmental media are predominantly PFOA and likely result from:

- Discrete, localized releases from beneath or immediately adjacent to the former on-Site building impacting shallow groundwater and on-Site shallow soil;

- Other local off-Site sources and potentially historical on-Site and off-Site air emissions, which may have impacted shallow soil and groundwater upgradient and cross-gradient of the Site; and,
- Upgradient areas that impact deep groundwater, which flows beneath the Site and discharges to the Hoosic River.

An IRM, a permeable barrier using PlumeStop™, was installed to address VOC migration in shallow on-Site groundwater. This IRM has also resulted in a significant reduction in PFOA concentrations in shallow groundwater.

PFOA in shallow groundwater located north of the IRM PlumeStop™ barrier moves toward the river where it mixes with deeper groundwater and attenuates prior to discharging to surface water. Based on groundwater elevation measurements from monitoring wells on both sides of the Hoosic River, the river serves as a hydrogeologic boundary.

The low PFAS concentrations in the bedrock groundwater, combined with generally upward gradients in the bedrock, confirm that PFAS migration through the bedrock is not a significant concern.

6.3 Metals in Shallow Soil

Initial phase SC investigation results indicated concentrations of copper and nickel exceeding their respective SCOs for Commercial Use at three locations. Five soil borings were performed at each of the three areas to delineate metals concentrations exceeding the Commercial Use SCOs. The observed extent of Commercial Use SCO exceedances of copper and nickel confirm de minimus impacted areas and no further action is recommended.

6.4 QHHRA and FWRIA Outcomes

The QHHRA did not identify any current on-Site receptor populations but did identify potential future on-Site and current and potential future off-Site receptors. The upcoming FS will address potential remedial actions to limit current and future exposures identified in the QHHEA.

Based on the FWRIA, there are no impacts, current or future, to identified fish and wildlife resources as a result of the Site, and a Part 2: Ecological Impact Assessment is not required.

6.5 Recommendations

The multiple phases of Site investigation have provided sufficient information to understand the nature and extent of VOCs and PFAS in environmental media. The RI findings provide a basis for commencing a FS, which would consider existing IRMs (i.e., PlumeStop™ and/or operation and maintenance of vapor intrusion mitigation systems) as well as other remedial technologies and controls as integral components of potential final remedial alternatives for Site-related COCs. If needed, any future data collection could be completed as part of a PDI program.

The FS will identify and evaluate remedial technologies for Site-related COCs. In addition, the FS will also identify and evaluate VOC monitoring requirements that would generally align with monitoring groundwater quality in the shallow and deep sand and gravel units beneath the Site, and downgradient of the Site where dissolved VOCs migrate northward along the paleochannel corridor and discharge to the Hoosic River.

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TABLES

Table 1
Contaminants and Areas of Potential Concern (AOPC) - Descriptions and Recommendations
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location and Description		Recommendation
AOPC-01: Area-Wide Soil		
AOPC-01a Copper at JS-B-005	Copper was detected at JS-B-005 above the Commercial Use SCO in surface soil. This location is south of the footprint of the former John Street building. The extent appears to be limited since copper concentrations were less than the Residential Use SCO in near surface soil at JS-B-005 and all other on- and off-site surface and near surface soil samples. Dimensions: Estimated to be less than 10 ft by 10 ft by 0.5 ft based on available information. Source is unknown.	Collect additional soil samples during the RI to delineate the vertical and horizontal extent of copper impacts in soil.
AOPC-01b Nickel at JS-B-003	Nickel was detected at JS-B-003 above the Commercial Use SCO in near surface soil. This location is within the footprint of the former John Street building. The extent appears to be limited since the nickel concentration was less than the Residential Use SCO in surface soil at JS-B-003 and all other on- and off-site soil samples. Dimensions: Estimated to be less than 10 ft by 10 ft by 0.5 ft based on available information. Source is unknown.	
AOPC-01c Copper at JS-B-002	Copper was detected at JS-B-002 above the Commercial Use SCO in soil at 6 to 8 feet bgs. This location is within the footprint of the former John Street building. The extent appears to be limited since the copper concentration was less than the Residential Use SCO at 9 to 10 and 60 to 64 ft bgs at JS-B-005 and all other on- and off-site subsurface soil samples. Dimensions: Estimated to be less than 10 ft by 10 ft by 2 ft based on available information, Source is unknown.	
AOPC-01d PFAS in on-site and off-site soil	PFOA concentrations ranged from below the detection to 9.8 µg/kg in on-site soil and 5.1 µg/kg in off-site soil. PFOA was detected at one or more depth intervals at all on-site and off-site sampling locations, but with no exceedances of the USEPA screening value of 1,000 µg/kg for the sum of PFOA plus PFOS. Dimensions: 4.7 acres (bounded by detections in off-site boring locations OS-MW-024, -025, -026, -027, and -028). Source is unknown.	Collect additional soil samples during the IRM Pre-Design Investigation and RI to delineate the vertical and horizontal PFAS in surface, near surface and subsurface soil. Collect surface and near-surface soil samples beneath the roof driplines at off-site locations near the John Street property.
AOPC-01e CVOCs at on-site soil	TCE was detected in on-site soil above the Industrial Use SCO at JS-B-003 at 15 to 17 ft bgs and above the Commercial Use SCO at JS-B-001 at 18 to 19 and 60 to 64 ft bgs. TCE and several other CVOCs were detected in groundwater above NYSDEC GA criteria and above the Protection of Groundwater SCO in soil samples from JS-B-001, -002, -003, -006, -007, -008, -009, and -012. Dimensions: Less than 0.3 acres (bounded by borings JS-B-001, -002, -003, -006, -008, -009, and -012). Source is unknown.	Collect additional soil samples from soil borings during IRM Pre-Design Investigation and RI to delineate the extent of CVOC impacts to soil.
AOPC-01f SVOCs in soil	Two PAHs, benzo(a)pyrene and dibenzo(a,h)anthracene, were detected above the Industrial Use SCO for soil in one near-surface soil sample JS-B-004 (2 to 12-inch) and two PAHs, benzo(a)anthracene and benzo(b)fluoranthene, were detected above the Commercial Use SCO in the same soil sample. This location is near the Lyman Street in an area that has been used for parking and may be related to asphalt and/or automotive fuel or emissions. Dimensions: Estimated to be less than 10 ft by 10 ft by 1 ft based on available information. This location is near the Lyman Street in an area that has been used for parking and may be related to asphalt and/or automotive fuel or emissions.	No further action
AOPC-01g Cyanide, PCBs, Pesticides, and metals (except copper and nickel)	No exceedances of cyanide, PCBs, pesticides, and metals (except copper and nickel) observed in on- or off-site soil samples.	No further action
AOPC-02: Area-Wide Groundwater		
AOPC-02a PFAS in on-site and off-site groundwater	PFOA has been detected in all groundwater samples with concentrations ranging from 130 ng/L to 6400 ng/L. Dimensions: 5.8 acres (bounded by detections in off-site monitoring well locations OS-MW-024, -025, -026, -027,-028, -030 and -031. Possibly related to use of PFAS at the former John St facility.	Install shallow bedrock and additional overburden monitoring wells during the RI and collect groundwater samples to delineate the vertical and horizontal extent of PFAS.
AOPC-02b CVOCs in on-site and off-site groundwater	CVOCs including TCE and 1,1,1-TCA have been detected in on-site and off-site groundwater at concentrations that exceed NYS GA criteria. Dimensions: Approximately 1.3 acres in shallow groundwater (bounded by the site and monitoring wells OS-MW-024A and OS-MW-031A); approximately 2.2 acres in overburden groundwater below the silt/clay layer (bounded by the site and monitoring wells OS-MW-024B, -25B, -025C, -026B, and -031B). Source is unknown.	Install shallow bedrock and additional overburden monitoring wells during the RI and collect groundwater samples to delineate the vertical and horizontal extent of PFAS. Perform Soil Vapor Intrusion (SVI) evaluations at properties located downgradient of the John St site. Select and implement an Interim Remedial Measure to reduce migration of CVOCs in shallow groundwater.
AOPC-02c 1,4-dioxane in on-site groundwater	1,4-dioxane was detected in two on-site groundwater samples at JS-APS-001 and JS-APS-004 at low concentrations (2 J and 1 J µg/L). Dimensions: 1,4-dioxane appears to be confined to two locations on site. Dimensions: Detected in an area of less than 0.5 acres (bounded by the site). 1,4-dioxane has been used as a stabilizer in 1,1,1-TCA, which was also detected in groundwater at these locations.	Collect additional groundwater samples from existing and new monitoring wells during the RI and analyze by selective ion monitoring to achieve lower detection limits.

Table 1
Contaminants and Areas of Potential Concern (AOPC) - Descriptions and Recommendations
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location and Description		Recommendation
AOPC-02: Area-Wide Groundwater Continued		
AOPC-002d Selenium and cadmium in on-site groundwater	Selenium was detected in groundwater samples from JS-APS-001 and JS-MW-001A at concentrations (0.0161 J and 0.0345 J mg/L, respectively) above the NYS GA standard of 0.01 mg/L. Cadmium was detected in one groundwater sample from JS-APS-001 at 0.0057 J mg/L above the NYS GA standard of 0.005 mg/L but was not detected the groundwater samples from JS-MW-001A, B, or C. Dimensions: Not estimated since only detected at one location Source: Source is unknown.	Groundwater samples collected from existing and new overburden and bedrock monitoring wells will be analyzed for metals during the RI.
AOPC-02e Iron, manganese and sodium in on- site and off-site groundwater	Iron, manganese and sodium were detected in groundwater samples from most on-site and off-site APS points and monitoring wells at concentrations above NYSDEC GA standards. Iron and manganese are naturally occurring metals that are commonly found in groundwater. Sodium is a naturally occurring metal and its use in road salt commonly contributes to its occurrence in groundwater. are naturally Dimensions: Not estimated. This areas is assumed to be naturally occurring.	No further action
AOPC-002f Barium, chromium, magnesium and lead in off-site groundwater	Barium, chromium, magnesium and lead were detected in groundwater from off-site monitoring wells OS-MW-030B and OS-MW-031B at concentrations above NYS GA standards. No exceedances were observed in groundwater samples from on-site groundwater samples Dimensions: Not estimated. These metals are ssumed to be naturally occurring and not related to the site.	No further action
AOPC-02g Cyanide, PCBs, Pesticides, SVOCs, and metals other than barium, cadmium, chromium, iron, magnesium, manganese, and sodium	Cyanide, PCBs, Pesticides, SVOCs, and metals (except barium, cadmium, chromium, iron, magnesium, manganese, and sodium) were not detected above NYS GA standards or guidance in any of the groundwater samples.	No further action
AOPC-03: Municipal Sewer System		
AOPC-03 Municipal Sewers	The municipal sewers have been identified as a possible source of PFAS or CVOC contamination to soil. Dimensions: No information at this time. The source would be potentially leaking sewers.	Collect soil samples in the vicinity of the municipal sewer sites at selected locations on-site and off-site during the RI and analyze for PFAS (21), TOC, pH, TCL VOCs, TAL Metals plus a subset of samples for Full TCL/TAL.
AOPC-04 Potential Fuel Oil Underground Storage Tank		
AOPC-04 Former Underground Storage Tank (UST)	Historical information indicates that a 10,000-gallon fuel oil UST was present at the John Street property. Ground penetrating radar (GPR) surveys on the John St. property have not identified a UST. Soil borings and soil and groundwater samples collected from the southern portion of the site do not indicate the presence of fuel oil. According to the EDR report, a tank was closed and removed in 1995 from John Street Fluorglas, Allied Signal Inc.; however, coordinates for the tank plot to the middle of Church Street at the intersection of John and Church Streets by Key Bank. The EDR also lists a second UST closed in-place by AlliedSignal Laminite Systems in 1999 was located at Mechanic Street. Given the footprint of the former John St. building, a UST would likely have been located on the south end of the property. Dimensions: None. No fuel oil constituents were detected during the SC. No source known at this time	Conduct an additional GPR survey on the southern area of the property as part of the subsurface clearance activities for new monitoring wells.

Notes and Abbreviations:

PFAS - Perfluoroalkyl Substances
PFOA - Perfluorooctanoic acid
PFOS - Perfluorooctane sulfonic acid
CVOCs - Chlorinated Volatile Organic Compounds
VOCs - Volatile Organic Compounds
SVOCs - Semi-Volatile Organic Compounds

TOC - Total Organic Carbon by the Lloyd Kahn method
PCBs - Polychlorinated Biphenyls
Full TCL/TAL - VOCs/SVOCs/Pesticides/PCBs/Metals/Cyanide
TCL - Target Compound List
TAL - Target Analyte List (Metals & Cyanide)

RI - Remedial Investigation
IRM - Interim Remedial Measure
PDI - Pre-Design Investigation
SVI - Soil Vapor Intrusion

Table 2
Summary of RI Tasks and Methods
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Sample Matrix	Sampling Location	Methods/Work Scope Summary	Number of Samples (excluding QA/QC)	Analytical Parameters	Sample Type	Sampling Method
AOPC-001a-d: Area-Wide Soil (Copper, Nickel, PFAS By Location)						
Surface & Near-Surface Soil	On site AOPC-01a Copper at JS-B-005	0" - 2" and 2" - 12" near JS-B-005 (4 locations: JS-B-005A-D)	8	Copper, PFAS (21), TOC, pH, VOCs, 1,4-dioxane	1 grab sample at each depth interval at each location	Hand Auger
	On site AOPC-01b Nickel at JS-B-003	2" - 12" near JS-B-003 (4 locations: JS-B-003A-D)	4	Nickel, PFAS (21), TOC, pH, VOCs, 1,4-dioxane	1 grab sample at each location	Hand Auger
Subsurface Soil	On site AOPC-01a Copper at JS-B-005	5 locations: 1 depth interval (12" - 36") at JS-B-005 and 4 locations near JS-B-005(A-D)	5	Copper, PFAS (21), TOC, pH, VOCs, 1,4-dioxane	Grab Sample	Hand Auger
	On site AOPC-01b Nickel at JS-B-003	5 locations: 1 depth interval (12" - 36") at JS-B-003 and 4 locations near JS-B-003 (A-D)	5	Nickel, PFAS (21), TOC, pH, VOCs, 1,4-dioxane	Grab Sample	Hand Auger
	On site AOPC-01c Copper at JS-B-002	5 locations: 1 depth interval (8' - 10') at JS-B-002 and 4 locations (6'-8') near JS-B-002 (A-D)	5	Copper, PFAS (21), TOC, pH, VOCs, 1,4-dioxane	Grab Sample	Direct Push Rig
	On site AOPC-01d PFAS in on-site and off-site soil	5 locations: JS-B-56, 57 & 58, BB4 depth intervals in clay; top and bottom of brown clay (where present and >12" thick; otherwise 1 representative sample where brown clay is present and <12"); and top and bottom of gray clay.	20	PFAS (21), TOC, pH, VOCs, 1,4-dioxane	Grab Sample	Direct Push Rig
Surface & Near-Surface Soil	On-site/Off-site AOPC-01d PFAS in on-site and off-site soil	3 new on-site overburden wells and 11 new off-site overburden well cluster locations: 0" to 2" and 2 to 12" (include root mass) Surface and near-surface soil samples will be collected beneath the roof driplines at up to ten locations near the John Street property. Surface soil samples will be collected from the surface (zero to two inches below the surficial vegetative cover), but will include the root mass, as requested by NYSDEC. Near-surface soil samples will be collected at a depth of two- to 12 inches below the surficial vegetative cover.	28	PFAS (21), TOC, pH, VOCs, 1,4-dioxane	1 grab sample at each depth interval	Hand Auger
Subsurface Soil	On-site/Off-site AOPC-01d PFAS in on-site and off-site soil	3 new on-site overburden wells and 11 new off-site overburden well cluster locations, soil samples will be collected from: o Immediately above the water table. o Glacio-lacustrine aquitard; o Buried sand aquifer; and o Till layer, when present. If encountered: o Top of the native soil at the fill/native soil interface o Mottled zones (encompassing the total thickness of the observed mottling) o Subjectively impacted soils (based on visual, olfactory, or other field screening observations).	42+ (Minimum 3 per location + if encountered stratum noted to the left)	PFAS (21), TOC, pH, VOCs, 1,4-dioxane	One grab sample at each depth interval	Rotosonic Drilling Rig
Subsurface Soil	Off-site AOPC-01d PFAS in on-site and off-site soil	5 locations: o 4 depth intervals in clay at temporary overburden well locations to be installed and sampled east, west and north of John Street property (see AOPC-05 below); top and bottom of brown clay (where present and >12" thick; otherwise 1 representative sample where brown clay is present and <12"); and top and bottom of gray clay. o TCL/TAL, CN, grain size and pH analyses from immediately above the water table from the five (5) proposed temporary well locations surrounding the Site (west, north and east sides) which represents a 25% sampling rate.	20	PFAS (21), TOC, pH, VOCs, 1,4-dioxane TCL/TAL, pH, grain size analyses	One grab sample at each depth interval	Rotosonic Drilling Rig
AOPC-002a-f: Area-Wide Groundwater: PFAS, VOCs, 1,4-dioxane & Metals in Groundwater						
Groundwater In Bedrock	On site (2 locations)	Shallow bedrock wells were installed at JS-MW-001BR and JS-MW-003BR; borehole geophysical logging completed	2	See Below	Bedrock Groundwater	Rotosonic Drilling Rig See Below
	Off site (6 locations)	Shallow bedrock wells were installed near OS-MW-024BR, 026BR, 027BR, 028BR, 030BR and 031BR; borehole geophysical logging completed	6	See Below	Bedrock Groundwater	Rotosonic Drilling Rig See Below
Groundwater In Overburden	On-site	3 locations: install, gauge and sample 3 additional deep overburden monitoring wells at the locations of JS-MW-001, 003 and 004.	3	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, TAL Metals, Field and Geochemical Parameters	Overburden Groundwater	Rotosonic Drilling Rig and Low-flow Sampling
	On-site	5 locations: gauge and sample all overburden monitoring wells at JS-MW-001, 002, 003, 004 and 005.	11	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, TAL Metals, Field and Geochemical Parameters	Overburden Groundwater	Low-flow Sampling
	Off-site	5 locations: install temporary overburden groundwater monitoring wells and collect discrete depth groundwater samples at 2 depths per location (near water table and above refusal) to the east, west and north of John St (locations of subsurface soil sampling).	10	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, TAL Metals, Field and Geochemical Parameters	Overburden Groundwater	Rotosonic Drilling Rig and Low-flow Sampling
	Off-site	11 locations: install, gauge and sample additional overburden monitoring wells at shallow, intermediate and deep depth intervals.	33	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, TAL Metals, Field and Geochemical Parameters	Overburden Groundwater	Rotosonic Drilling Rig (intermediate and deep) and Low-flow Sampling
	Off-site	7 locations: gauge and sample all overburden wells at OS-MW-024, 025, 026, 027, 028, 030 and 031.	20	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, TAL Metals, Field and Geochemical Parameters	Bedrock Groundwater	Low-flow Sampling
Groundwater In Overburden	On-site AOPC-02b at JS-B-001	Install 4 temporary small-diameter wells in the shallow sand/gravel layer and collect 1 groundwater sample from each.	4	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field Parameters	Overburden Groundwater	Direct Push Rig and Low-flow Sampling
Groundwater In Overburden	On-site AOPC-02b at JS-B-003	Install 4 temporary small-diameter wells in the shallow sand/gravel layer and collect 1 groundwater sample from each.	4	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field Parameters	Overburden Groundwater	Direct Push Rig and Low-flow Sampling
Groundwater In Bedrock	On-site (2 locations)	Gauge and sample shallow bedrock wells JS-MW-001BR and JS-MW-003BR.	2	Field parameters PFAS (21), TOC, pH, TCL VOCs, TAL Metals, Geochemical parameters	Bedrock Groundwater	Low-flow Sampling
	Off-site (6 locations)	Gauge and sample shallow bedrock wells OS-MW-024BR, 026BR, 027BR, 028BR, 030BR and 031BR.	6	Field parameters PFAS (21), TOC, pH, TCL VOCs, TAL Metals, Geochemical parameters	Bedrock Groundwater	Low-flow Sampling
AOPC-003: Municipal Sewer System						
Subsurface Soil	On-site AOPC-003 Municipal Sewer	2 locations: Samples collected at 4' and 10' from the sewer line from depth below the pipe invert elevation.	4	PFAS (21), TOC, pH, TCL VOCs, TAL Metals plus 1 samples (20%) was analyzed for Full TCL/TAL	Grab sample	Direct Push Rig
	Off-site AOPC-003 Municipal Sewer	7 locations: Samples collected at 4' and 10' from the sewer line from depth below the pipe invert elevation.	14	PFAS (21), TOC, pH, TCL VOCs, TAL Metals plus 3 samples (20%) were analyzed for Full TCL/TAL	Grab sample	Direct Push Rig

Table 2
Summary of RI Tasks and Methods
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Sample Matrix	Sampling Location	Methods/Work Scope Summary	Number of Samples (excluding QA/QC)	Analytical Parameters	Sample Type	Sampling Method
AOPC-04: Potential Fuel Oil Underground Storage Tank						
Potential Former Underground Storage Tank	On-site	Conduct an additional GPR survey on the southern area of the property as part of the subsurface clearance activities for new monitoring wells.	0	none	Geophysical Screening	Ground Penetrating Radar and Electromagnetic Scan
Continued Groundwater Investigation						
Subsurface Soil	On-site/Off-site in clay and/or deeper sand and gravel unit	Fifteen (15) continuous soil borings are proposed for installation down to the till or bedrock surface (whichever encountered first) using the rotosonic drilling method. A surface casing will be set and grouted five feet into the clay unit to isolate the overlying shallow sand and gravel water table unit from the deeper sand and gravel unit beneath the clay unit. Soil borings will be logged and field screened using established project procedures specified in the approved project documents. Up to four (4) soil samples may be collected from the 11 soil borings beneath and adjacent to the Site for VOC analyses from the clay and/or deep sand/gravel unit based on depths and field observations/screening with a photoionization detector (PID). No soil samples will be collected for laboratory analyses from the four (4) shallowest borings.	44+ (Up to 4 per location)	VOCs	One grab sample at each selected depth interval	Rotosonic Drilling Rig
Groundwater In Overburden	On-site	Temporary two-inch diameter groundwater monitoring wells will be constructed of polyvinyl chloride (PVC) in the deep sand/gravel unit beneath the clay at each boring location. The screen intervals will be selected based on the observed stratigraphic column at each location and field observations/PID screening. At a minimum, one temporary well will be installed at each location and screened immediately above the till or bedrock surface (whichever encountered first). Additional shallower wells may be installed with screen settings based on the aforementioned criteria. Each well will be developed using a nitrogen-driven airlift system and completed with a protective flush-mount roadway box. A New York State-licensed land surveyor will locate and determine elevations for each new well.	2+ (Up to 3 per location)	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field and Geochemical Parameters	Overburden Groundwater Grab Sample	Rotosonic Drilling Rig and Low-flow Sampling
	Off-site		13+ (Up to 3 per location)	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field and Geochemical Parameters	Overburden Groundwater Grab Sample	Rotosonic Drilling Rig (intermediate and deep) and Low-flow Sampling
	On-site	4 locations: After a minimum two-week equilibration period, gauge and sample all overburden wells at JS-MW-001A-BR (5 wells), 003A-BR (5 wells), 004A-D (4 wells) and 005A (1 well).	15	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field and Geochemical Parameters	Overburden & Bedrock Groundwater Grab	Low-flow Sampling
	Off-site	2 locations: After a minimum two-week equilibration period, gauge and sample all overburden wells at OS-MW-042B (1 well) and 043A-B (2 wells).	3	PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field and Geochemical Parameters	Overburden Groundwater Grab Sample	Low-flow Sampling
Groundwater-Surface Water Interaction at Hoosic River						
Off-site At Hoosic River	Scan the Hoosic River using a unmanned aerial vehicle (drone) equipped with infrared and orthoimage cameras under the control of a Federal Aviation Administration (FAA) licensed pilot from the south end of the 80 First Street property to the Church Street Bridge/Hoosic Falls. The purpose of the drone survey was to identify areas of temperature contrast along the Hoosic River shoreline as part of a larger infrared and ortho photogrammetry survey along the Hoosic River. Areas of temperature contrast along the Hoosic River shoreline are indicators of potential groundwater discharge to the river.			Infrared/Visible Light	Photograph	Drone-Mounted Cameras
	Scan each area with a hand-held forward-looking infrared (FLIR) camera to determine if a temperature anomaly and its extents are indicated. Photographs will be recorded.		9 Locations	Infrared/Visible Light	Photograph	Camera
	Measure and record the ambient river temperature at each anomaly location, and measure groundwater temperatures in the nearest water table/shallow groundwater monitoring wells. Collect riverbed temperature measurements on a 5-foot grid spacing from an initial area measuring approximately 10 feet by 30 feet at each location using suitable thermometer and thermocouple probe. The grid at a given location may be expanded if real-time field results indicate a larger area of groundwater discharge is indicated and safe working conditions permit. Temperature will be recorded for the 0 – 12-inch depth interval at each grid node.			Temperature	Direct Point Reading	Thermometer & Thermocouple Probe
	Install a temporary Solinst 615N (or similar) well point with stainless steel riser pipe to a maximum depth of 3 feet into the river bed at each location using a slide hammer, or similar handheld device. A New York State-licensed surveyor will survey each temporary well point to determine its location and the elevation of the top of casing.			None	None	Slide Hammer or Similar Device
	Measure the groundwater level within the temporary well point and a surface water elevation outside the point from the top of the pipe to determine any measureable difference in head that would indicate a hydraulic gradient at that location.			Elevation	Water Level	Water Level Meter
	Collect a groundwater sample from each temporary well point, and a surface water sample immediately adjacent to each temporary well point.			PFAS (21), TOC, pH, TCL VOCs, 1,4-dioxane, Field and Geochemical Parameters	Groundwater/ Surface Water	Low-flow Sampling

Notes and Abbreviations:
DER-10 = DER-10 / Technical Guidance for Site Investigation and Remediation, 5/3/2010.
PFAS - Perfluorinated Alkyl Substances
TCL - Target Compound List
TAL - Target Analyte List (Metals & Cyanide)
VOCs - Volatile Organic Compounds
SVOCs - Semi-Volatile Organic Compounds
TOC = Total Organic Carbon by the Lloyd Kahn method
PCBs = Polychlorinated Biphenyls
Full TCL/TAL = VOCs/SVOCs/Pesticides/PCBs/Metals/Cyanide
Field Parameters - Specific Conductance (SpC), pH, Dissolved Oxygen (DO), and Oxidation-Reduction Potential (ORP)
Geochemical Parameters - Major Cations Calcium, Magnesium, Sodium, and Potassium) and Major Anions (Chloride, Carbonate, Bicarbonate and Sulfate)

Table 3
Monitoring Well Construction Details
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Site	Monitoring Well Location	Date of Installation	Total Depth (ft bgs)	Ground Surface Elevation (ft amsl)	Reference Elevation (ft amsl)	Well Diameter (in)	Screen Slot Size (in)	Sand Pack Grain Size	Depth of Screened Interval		Elevation of Screened Interval		Location	
									Top (ft bgs)	Bottom (ft bgs)	Top (ft amsl)	Bottom (ft amsl)	Easting (ft)	Northing (ft)
John St.-On site	JS-MW-001A	4-Oct-2016	17.5	428.0	427.78	1	0.01	#1	12.5	17.5	415.50	410.50	799426.66	1484144
John St.-On site	JS-MW-001B	16-Nov-2016	53.0	428.4	427.91	1	0.01	#0	46	51	382.40	377.40	799424.06	1484138.96
John St.-On site	JS-MW-001C	16-Nov-2016	80.0	428.4	427.91	1	0.01	#0	74.5	79.5	353.90	348.90	799424.06	1484138.99
John St.-On site	JS-MW-001D	13-Sep-2019	90.0	427.8	427.79	2	0.01	#0	85	90	342.77	337.77	799434.0544	1484132.0394
John St.-On site	JS-MW-001BR	31-May-2018	137.1	428.10	427.62	4.8	---	---	112	137.1	316.10	291.00	799436.71	1484141.08
John St.-On site	JS-MW-002A	4-Oct-2016	9.0	428.9	428.42	1	0.01	#1	4	9	424.90	419.90	799404.54	1484082.32
John St.-On site	JS-MW-003A	4-Oct-2016	9.5	431.4	431.07	1	0.01	#1	4.5	9.5	426.90	421.90	799382.16	1484024.42
John St.-On site	JS-MW-003B	30-Nov-2016	56.0	430.8	430.42	1	0.01	#0	50	55	380.80	375.80	799384.9	1484030.42
John St.-On site	JS-MW-003C	30-Nov-2016	89.0	430.8	430.42	1	0.01	#0	83	88	347.80	342.80	799384.91	1484030.4
John St.-On site	JS-MW-003D	12-Sep-2019	138.5	431.1	430.33	2	0.01	#0	123.5	128.5	307.60	302.60	799375.9	1484026.50
John St.-On site	JS-MW-003BR	17-May-2018	181.5	430.7	430.50	4.8	---	---	156	181.5	274.70	249.20	799375.88	1484032.02
John St.-On site	JS-MW-004A	5-Oct-2016	10.5	432.1	431.73	1	0.01	#1	5.5	10.5	426.60	421.60	799315.47	1483931
John St.-On site	JS-MW-004B	14-Nov-2016	63.0	432.0	431.72	1	0.01	#0	58	63	374.00	369.00	799318	1483935.25
John St.-On site	JS-MW-004C	14-Nov-2016	111.0	432.0	431.68	1	0.01	#0	106	111	326.00	321.00	799317.95	1483935.29
John St.-On site	JS-MW-004D	10-Sep-2019	139.5	432.1	431.62	2	0.01	#0	134.5	139.5	297.60	292.60	799321.3	1483931.09
John St.-On site	JS-MW-005A	4-Oct-2016	12.5	433.3	433.00	1	0.01	#1	7.5	12.5	425.80	420.80	799364.4	1483944.15
John St.-On site	JS-MW-006C	14-Oct-2020	85.0	431.3	430.87	2	0.01	#0	75	85	356.29	346.29	799358.85	1483975.13
John St.-On site	JS-MW-006D	13-Oct-2020	125.0	431.1	430.75	2	0.01	#0	115	125	316.08	306.08	799361.1	1483979.35
John St.-On site	JS-TMW-018	4-Apr-2018	21.5	427.9	427.60	1	0.01	#1	17.2	21.2	410.70	406.70	799430.85	1484150.5
John St.-On site	JS-TMW-030	13-Apr-2018	27.4	431.2	431.03	1	0.01	#1	13	27	418.20	404.20	799371.49	1484022.82
John St.-On site	JS-TMW-033	13-Apr-2018	20.5	430.1	429.87	1	0.01	#1	11	20	419.10	410.10	799389.29	1484039.22
John St.-On site	JS-TMW-035	26-Apr-2018	21.1	431.2	430.83	1	0.01	#1	14	21	417.20	410.20	799366.89	1484012.53
John St.-On site	JS-TMW-036	26-Apr-2018	21.1	431.4	431.11	1	0.01	#1	14	21	417.40	410.40	799375.07	1484008.66
John St.-On site	JS-TMW-037	26-Apr-2018	22.5	431.3	431.07	1	0.01	#1	12	22	419.30	409.30	799391.11	1484017.31
John St.-On site	JS-TMW-038	25-Apr-2018	21.5	430.6	430.29	1	0.01	#1	11	21	419.60	409.60	799393.79	1484026.06
John St.-On site	JS-TMW-039	20-Apr-2018	22.5	430.2	430.09	1	0.01	#1	11	22	419.20	408.20	799398.06	1484034.86
John St.-On site	JS-TMW-044	27-Apr-2018	20.5	428.0	427.73	1	0.01	#1	15	20	413.00	408.00	799436.89	1484159.83
John St.-On site	JS-TMW-049	25-Apr-2018	20.5	430.4	430.14	1	0.01	#1	10	20	420.40	410.40	799403.89	1484028.44
John St.-On site	JS-TMW-050	25-Apr-2018	20.0	430.1	429.87	1	0.01	#1	9.5	19.5	420.60	410.60	799409.36	1484036.63
John St.-On site	JS-TMW-053	26-Apr-2018	17.0	429.8	429.52	1	0.01	#1	11.5	16.5	418.30	413.30	799412.36	1484052.02
John St.-On site	JS-TMW-062	19-Sep-2019	10.0	429.8	429.08	1	0.01	#0	5.0	10.0	424.80	419.80	799386.324	1484740.738
John St.-On site	JS-TMW-063	24-Sep-2019	10.0	431.0	430.73	1	0.01	#0	7.0	10.0	424.00	421.00	799370.039	1484027.419
John St.-On site	JS-TMW-064	24-Sep-2019	10.0	431.2	430.71	1	0.01	#0	7.0	10.0	424.20	421.20	799383.153	1484003.926
John St.-On site	JS-TMW-065	24-Sep-2019	10.0	431.0	430.66	1	0.01	#0	7.0	10.0	424.00	421.00	799396.820	1484019.037
John St.-On site	JS-TMW-066	23-Sep-2019	8.0	428.3	427.46	1	0.01	#0	5.00	8.00	423.26	420.26	799442.193	1484117.108
John St.-On site	JS-TMW-067	24-Sep-2019	15.0	428.0	427.61	1	0.01	#0	10	15	417.97	412.97	799419.166	1484126.478
John St.-On site	JS-TMW-068	24-Sep-2019	16.5	427.8	427.08	1	0.01	#0	11.5	16.5	416.29	411.29	799424.199	1484150.889
John St.-On site	JS-TMW-069	23-Sep-2019	10.5	428.3	427.92	1	0.01	#0	7.5	10.5	420.79	417.79	799449.277	1484141.963
John St.-On site	IRM-TW-001	17-Sep-2019	12.0	428.5	428.38	2	0.01	#0	7.0	12.0	421.50	416.50	799433.550	1484100.389
John St.-On site	IRM-TW-002	18-Sep-2019	12.0	428.4	428.08	2	0.01	#0	7.0	12.0	421.40	416.40	799414.903	1484107.539
John St.-On site	IRM-TW-003	18-Sep-2019	14.0	428.2	427.22	2	0.01	#0	9.0	14.0	419.19	414.19	799450.723	1484136.08
John St.-On site	IRM-TW-004	18-Sep-2019	19.0	427.9	427.16	2	0.01	#0	14.0	19.0	413.87	408.87	799432.982	1484141.223
John St.-On site	IRM-TW-005	23-Sep-2019	12.5	429.0	428.39	2	0.01	#0	7.5	12.5	421.50	416.50	799461.224	1484150.69
John St.-On site	IRM-TW-006	23-Sep-2019	15.5	427.9	427.05	2	0.01	#0	10.5	15.5	417.40	412.40	799429.020	1484160.368
John St.-Off site	OS-MW-024A	1-Nov-2016	6.5	435.0	434.65	1	0.01	#0	4	6.5	431.00	428.50	799559.56	1484103.35
John St.-Off site	OS-MW-024B	1-Nov-2016	42.5	435.1	434.65	1	0.01	#0	36	41	399.10	394.10	799553.89	1484103.74
John St.-Off site	OS-MW-024BR	30-May-2018	102.0	434.9	434.41	4.8	---	---	78	102	356.90	332.90	799566	1484099.44
John St.-Off site	OS-MW-025A	26-Oct-2016	17.1	428.1	427.71	1	0.01	#1	12	17	416.10	411.10	799548.75	1484264.42
John St.-Off site	OS-MW-025B	25-Oct-2016	25.1	428.1	427.76	1	0.01	#1	19.98	21.98	408.12	406.12	799552.74	1484264.92
John St.-Off site	OS-MW-025C	26-Oct-2016	25.0	428.0	427.67	1	0.01	#1	23	25	405.00	403.00	799550.09	1484260.94
John St.-Off site	OS-MW-026A	21-Oct-2016	20.7	427.9	427.52	1	0.01	#1	15.7	20.7	412.20	407.20	799277.85	1484280.9
John St.-Off site	OS-MW-026B	21-Oct-2016	42.0	427.9	427.56	1	0.01	#1	36	41	391.90	386.90	799272.85	1484279.93
John St.-Off site	OS-MW-026C	25-Oct-2016	80.0	427.9	427.49	1	0.01	#1	75	80	352.90	347.90	799275.88	1484277.22
John St.-Off site	OS-MW-026BR	11-Jun-2018	132.2	427.9	427.47	4.8	---	---	107	132.2	320.90	295.70	799281.26	1484278.22
John St.-Off site	OS-MW-027A	24-Oct-2016	21.0	430.2	429.83	1	0.01	#1	15.2	20.2	415.00	410.00	799129.95	1483911.84
John St.-Off site	OS-MW-027B	27-Oct-2016	98.0	430.3	429.96	1	0.01	#1	85	88	345.30	342.30	799130.61	1483907.05
John St.-Off site	OS-MW-027C	4-Nov-2016	100.0	430.3	430.07	1	0.01	#0	96.7	99.7	333.60	330.60	799132.9	1483909.37
John St.-Off site	OS-MW-027BR	7-Jun-2018	136.1	429.7	429.29	4.8	---	---	111	136.1	318.70	293.60	799128.39	1483925.16
John St.-Off site	OS-MW-028A	3-Nov-2016	10.0	438.7	438.29	1	0.01	#0	3	8	435.70	430.70	799556.68	1483577.4
John St.-Off site	OS-MW-028B	3-Nov-2016	78.5	438.7	438.14	1	0.01	#0	73	78	365.70	360.70	799556.67	1483577.41
John St.-Off site	OS-MW-028C													

Table 3
Monitoring Well Construction Details
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Site	Monitoring Well Location	Date of Installation	Total Depth (ft bgs)	Ground Surface Elevation (ft amsl)	Reference Elevation (ft amsl)	Well Diameter (in)	Screen Slot Size (in)	Sand Pack Grain Size	Depth of Screened Interval		Elevation of Screened Interval		Location	
									Top (ft bgs)	Bottom (ft bgs)	Top (ft amsl)	Bottom (ft amsl)	Easting (ft)	Northing (ft)
John St.-Off site	OS-MW-036A	20-Sep-2019	11.0	454.6	454.15	2	0.01	#0	6	11	448.59	443.59	799798.185	1483932.88
John St.-Off site	OS-MW-036B	21-Sep-2019	52.0	454.7	454.29	2	0.01	#0	40	50	414.71	404.71	799795.237	1483938.552
John St.-Off site	OS-MW-037A	30-Aug-2019	15.0	434.2	433.79	2	0.01	#0	5	15	429.21	419.21	799829.871	1484271.829
John St.-Off site	OS-MW-039A	5-Sep-2019	12.0	449.2	448.61	2	0.01	#0	7	12	442.17	437.17	798937.262	1483603.273
John St.-Off site	OS-MW-039B	19-Sep-2019	65.0	449.0	448.70	2	0.01	#0	60	65	389.04	384.04	798932.14	1483602.111
John St.-Off site	OS-MW-040A	18-Sep-2019	15.0	423.2	422.56	2	0.01	#0	10	15	413.23	408.23	799299.833	1484747.197
John St.-Off site	OS-MW-041A	23-Sep-2019	18.0	427.7	427.28	2	0.01	#0	13	18	414.70	409.70	799233.355	1484461.623
John St.-Off site	OS-MW-041B	24-Sep-2019	38.0	427.5	426.95	2	0.01	#0	33	38	394.55	389.55	799230.832	1484469.399
John St.-Off site	OS-MW-042B	27-Sep-2019	63.0	435.4	434.98	2	0.01	#0	53	63	382.44	372.44	799506.127	1484086.787
John St.-Off site	OS-MW-043A	25-Sep-2019	8.0	430.9	429.85	2	0.01	#0	5	8	425.86	422.86	799448.475	1484016.927
John St.-Off site	OS-MW-043B	25-Sep-2019	124.5	430.9	429.85	2	0.01	#0	119.5	124.5	311.36	306.36	799448.475	1484016.927
John St.-Off site	OS-MW-047B	7-Oct-2019	95.0	460.8	460.18	2	0.01	#0	90	95	370.84	365.84	799170.813	1482990.655
John St.-Off site	OS-MW-047C	7-Oct-2019	117.0	460.9	460.32	2	0.01	#0	112	117	348.87	343.87	799166.87	1482990.262
John St.-Off site	OS-MW-048A	16-Dec-2019	18.0	424.3	423.92	2	0.01	#0	6	16	418.29	408.29	799433.0235	1484600.493
John St.-Off site	OS-MW-049B	8-Oct-2020	60.0	433.1	432.74	2	0.01	#0	50	60	383.07	373.07	799504.82	1484040.12
John St.-Off site	OS-MW-049C	7-Oct-2020	85.0	432.1	431.61	2	0.01	#0	75	85	357.07	347.07	799497.38	1484037.96
John St.-Off site	OS-MW-050B	30-Sep-2020	70.0	430.3	429.96	2	0.01	#0	60	70	370.34	360.34	799470.6	1484046.81
John St.-Off site	OS-MW-050C	29-Sep-2020	108.0	430.7	430.19	2	0.01	#0	98	108	332.73	322.73	799471.2	1484052.58
John St.-Off site	OS-MW-051B	6-Oct-2020	80.0	431.5	430.95	2	0.01	#0	70	80	361.45	351.45	799460.79	1484000.78
John St.-Off site	OS-MW-051C	5-Oct-2020	140.0	431.8	431.03	2	0.01	#0	115	140	316.80	291.80	799466.81	1483999.82
John St.-Off site	OS-MW-052B	28-Sep-2020	118.0	429.8	431.67	2	0.01	#0	108	118	321.82	311.82	799457.43	1483965.64
John St.-Off site	OS-MW-052C	24-Sep-2020	142.0	429.9	432.64	2	0.01	#0	127	142	302.93	287.93	799450.89	1483965.89
John St.-Off site	OS-MW-053B	22-Sep-2020	122.0	428.7	431.06	2	0.01	#0	112	122	316.72	306.72	799425.21	1483974.68
John St.-Off site	OS-MW-053C	21-Sep-2020	148.0	428.9	431.20	2	0.01	#0	138	148	290.89	280.89	799425.51	1483968.32
John St.-Off site	OS-MW-054B	29-Oct-2020	90.0	430.0	429.56	2	0.01	#0	80	90	349.98	339.98	799330.91	1483994.87
John St.-Off site	OS-MW-054C	28-Oct-2020	142.0	429.8	429.53	2	0.01	#0	132	142	297.80	287.80	799332.81	1484000.48
John St.-Off site	OS-MW-055C	4-Nov-2020	86.0	428.5	428.27	2	0.01	#0	76	86	352.53	342.53	799339.8	1484069.77
John St.-Off site	OS-MW-055D	2-Nov-2020	120.0	428.6	428.42	2	0.01	#0	110	120	318.61	308.61	799339	1484067.33
John St.-Off site	OS-MW-056B	10-Nov-2020	55.5	428.2	428.01	2	0.01	#0	45	55	383.23	373.23	799359.45	1484112.38
John St.-Off site	OS-MW-056C	9-Nov-2020	103.0	428.4	427.55	2	0.01	#0	90	100	338.42	328.42	799359.32	1484104.33
John St.-Off site	OS-MW-057B	13-Nov-2020	64.5	427.8	427.27	2	0.01	#0	54	64	373.76	363.76	799374.96	1484143.13
John St.-Off site	OS-MW-057C	12-Nov-2013	116.0	427.7	427.27	2	0.01	#0	104	114	323.67	313.67	799373.39	1484139.23
John St.-Off site	OS-MW-058B	19-Nov-2020	60.0	426.8	426.46	2	0.01	#0	55	65	371.81	361.81	799385.89	1484185.56
John St.-Off site	OS-MW-058C	19-Nov-2020	91.0	427.1	426.42	2	0.01	#0	80	90	347.13	337.13	799386.26	1484181.18
John St.-Off site	OS-MW-059B	8-Sep-2020	146.0	463.92	463.66	2	0.01	#0	136	146	327.92	317.92	799241.91	1482724.53
John St.-Off site	OS-MW-059C	4-Sep-2020	178.0	464.12	463.79	2	0.01	#0	168	178	296.12	286.12	799242.73	1482720.37
John St.-Off site	OS-MW-060B	10-Sep-2020	84.0	464.18	463.71	2	0.01	#0	74	84	390.18	380.18	799644.12	1482747.63
John St.-Off site	OS-MW-061B	1-Sep-2020	126.0	468.13	467.85	2	0.01	#0	116	126	352.13	342.13	799303.32	1482384.19
John St.-Off site	OS-MW-061C	28-Aug-2020	176.0	467.56	467.88	2	0.01	#0	166	176	301.56	291.56	799301.78	1482395.13
John St.-Off site	OS-MW-061D	26-Sep-2020	197.0	467.53	467.89	2	0.01	#0	187	197	280.53	270.53	799302.72	1482390.25
John St.-Off site	OS-MW-062C	19-Aug-2020	107.0	467.89	467.45	2	0.01	#0	97	107	370.89	360.89	799396.26	1481892.96

Notes and Abbreviations

ft = feet
in = inches
amsl = above mean sea level
bgs = below ground surface
na = not applicable
Surveyor notes on boring logs state the following: North American Datum (NAD) 1983 State Plane New York East (Horizontal) - North American Vertical Datum (NAVD) 1988 in US Survey Feet.

Table 4
Regional Groundwater - Surface Water Elevations For 1 December 2020
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosic, New York



Location ID	Measurement Date	Dry - Y/N	Measured Depth of Well (ft)	Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Top of Screen (ft)	Depth to Bottom of Screen (ft)
ARC-BEDROCK	12/1/2020	N	143.00	431.91	8.22	423.69	138.00	143.00
ARC-OBS-01	12/1/2020	N	110.00	432.20	6.75	425.45	86.00	96.00
ARC-OBS-02	12/1/2020	N	131.00	431.31	5.80	425.51	116.00	131.00
ARC-OBS-03	12/1/2020	N	110.00	432.14	7.00	425.14	100.00	110.00
ARC-OBS-04	12/1/2020	N	80.00	438.23	12.75	425.48	61.66	76.66
ARC-OBS-05	12/1/2020	N	139.00	435.48	8.79	426.69	134.08	139.08
DOWN STREAM GAUGE	12/1/2020	N	-	468.22	51.55	416.67	-	-
EXTRUDER PIT	12/1/2020	N	-	451.90	1.09	450.81	-	-
FS-MW-001A	12/1/2020	N	18.00	429.38	12.70	416.68	12.00	17.00
FS-MW-002A	12/1/2020	N	14.00	426.51	11.33	415.18	9.00	14.00
FS-MW-002C	12/1/2020	N	140.00	426.49	11.65	414.84	130.00	140.00
FS-MW-003A	12/1/2020	N	17.00	426.58	12.59	413.99	12.00	17.00
FS-MW-003B	12/1/2020	N	92.00	426.74	11.91	414.83	87.00	92.00
FS-MW-005A	12/1/2020	N	17.00	427.89	14.29	413.60	12.00	17.00
FS-MW-005B	12/1/2020	N	48.00	427.81	13.20	414.61	43.00	48.00
FS-MW-005C	12/1/2020	N	80.00	427.81	13.21	414.60	80.00	85.00
FS-MW-007A	12/1/2020	N	20.00	426.26	12.66	413.60	10.00	20.00
FS-MW-007B	12/1/2020	N	60.00	426.37	11.92	414.45	50.00	60.00
FS-MW-007C	12/1/2020	N	80.00	426.24	11.72	414.52	75.00	80.00
FS-MW-008B	12/1/2020	N	40.00	427.74	13.30	414.44	35.00	40.00
FS-MW-009C	12/1/2020	N	100.00	428.69	13.98	414.71	95.00	100.00
FS-MW-011A	12/1/2020	N	21.00	423.99	10.78	413.21	16.00	21.00
FS-MW-012A	12/1/2020	N	15.00	426.78	13.14	413.64	10.00	15.00
FS-MW-012B	12/1/2020	N	50.00	426.63	12.23	414.40	40.00	50.00
FS-MW-012C	12/1/2020	N	65.00	426.16	11.94	414.22	60.00	65.00
FS-MW-013A	12/1/2020	N	18.00	428.08	14.50	413.58	13.00	18.00
FS-MW-013B	12/1/2020	N	33.00	428.10	13.85	414.25	28.00	33.00
FS-MW-1	12/1/2020	N	22.82	428.17	14.59	413.58	12.75	22.75
FS-MW-3	12/1/2020	N	19.19	428.75	13.53	415.22	9.25	19.25
FS-MW-4	12/1/2020	N	18.22	428.70	13.63	415.07	8.57	18.57
FS-TMW-001	12/1/2020	N	17.00	428.34	14.75	413.59	7.00	17.00
FS-TMW-002	12/1/2020	N	14.00	428.28	13.74	414.54	9.00	14.00
FS-TMW-003	12/1/2020	N	23.50	428.00	13.98	414.02	13.50	23.50
FS-TMW-004	12/1/2020	N	14.00	428.32	14.71	413.61	7.00	12.00
GWI-01	12/1/2020	N	135.00	435.78	10.34	425.44	82.00	92.00
GWI-02	12/1/2020	N	115.50	436.05	10.18	425.87	88.50	98.50
GWI-03	12/1/2020	N	110.00	432.45	7.34	425.11	90.00	100.00
GWI-04	12/1/2020	N	120.00	439.64	14.19	425.45	99.90	109.90
GWI-05	12/1/2020	N	120.00	438.32	13.00	425.32	100.00	110.00
GWI-06	12/1/2020	N	157.00	437.80	12.24	425.56	102.00	112.00
GWI-MW-08B	12/1/2020	N	-	501.48	7.03	494.45	55.00	65.00
GWI-MW-08C	12/1/2020	N	-	501.62	13.35	488.27	110.00	120.00
GWI-MW-09A	12/1/2020	N	-	446.63	9.32	437.31	8.00	18.00
GWI-MW-09B	12/1/2020	N	-	446.06	12.14	433.92	38.00	48.00
HFL-MW-001B	12/1/2020	N	18.20	499.00	5.55	493.45	8.20	18.20
HFL-MW-101	12/1/2020	N	32.00	437.42	13.60	423.82	13.84	28.84
HFL-MW-101B	12/1/2020	N	80.00	437.54	49.30	388.24	65.00	79.69
HFL-MW-101C	12/1/2020	N	100.00	437.05	39.11	397.94	72.00	99.55
HFL-MW-102	12/1/2020	N	70.00	512.05	52.02	460.03	48.46	63.46
HFL-MW-103	12/1/2020	N	23.00	496.57	5.90	490.67	4.85	19.85
HFL-MW-104	12/1/2020	N	23.00	500.14	7.25	492.89	8.00	22.78
HFL-MW-104C	12/1/2020	N	93.51	500.49	30.61	469.88	68.50	93.51
HFL-MW-105	12/1/2020	N	29.50	390.89	21.57	369.32	14.50	29.09
HFL-MW-105C	12/1/2020	N	153.00	390.28	21.40	368.88	125.00	152.77
HFL-MW-106	12/1/2020	N	30.00	408.88	24.88	384.00	14.00	29.62
HFL-MW-106C	12/1/2020	N	138.00	409.19	16.49	392.70	111.00	137.63
HOOSIC DOWNSTREAM-2	12/1/2020	N	-	428.67	16.78	411.89	-	-
HOOSIC DOWNSTREAM-3	12/1/2020	N	-	428.13	16.71	411.42	-	-
HOOSIC UPSTREAM-3C	12/1/2020	N	-	421.52	0.70	420.82	-	-
HOOSIC UPSTREAM-4B	12/1/2020	N	-	423.52	1.89	421.63	-	-
HR-2A-R	12/1/2020	N	-	-	2.29	-	-	-
HR-3A-R	12/1/2020	N	-	-	2.83	-	-	-
HR-4A-R	12/1/2020	N	-	-	2.69	-	-	-
HRT-1A	12/1/2020	N	-	424.58	2.33	422.25	-	-
HRT-3A	12/1/2020	N	-	442.13	3.94	438.19	-	-
IRM-TW-001	12/1/2020	N	12.00	428.38	5.73	422.65	7.00	12.00
IRM-TW-002	12/1/2020	N	12.00	428.08	5.63	422.45	7.00	12.00
IRM-TW-003	12/1/2020	N	14.00	427.22	7.46	419.76	9.00	14.00
IRM-TW-004	12/1/2020	N	19.00	427.16	11.86	415.30	14.00	19.00
IRM-TW-005	12/1/2020	N	12.50	428.39	10.44	417.95	7.50	12.50
IRM-TW-006	12/1/2020	N	15.50	427.05	12.13	414.92	10.50	15.50
JS-MW-001A	12/1/2020	N	17.50	427.78	12.61	415.17	12.50	17.50
JS-MW-001B	12/1/2020	N	79.50	427.91	12.92	414.99	46.00	51.00
JS-MW-001BR	12/1/2020	N	137.10	427.62	13.60	414.02	112.00	137.10
JS-MW-001C	12/1/2020	N	79.50	427.91	12.92	414.99	74.50	79.50
JS-MW-001D	12/1/2020	N	90.00	427.79	13.01	414.78	85.00	90.00
JS-MW-002A	12/1/2020	N	9.00	428.42	5.44	422.98	4.00	9.00
JS-MW-003A	12/1/2020	N	9.50	431.07	7.38	423.69	4.50	9.50
JS-MW-003B	12/1/2020	N	55.00	430.42	15.40	415.02	50.00	55.00
JS-MW-003BR	12/1/2020	N	181.50	430.50	15.63	414.87	156.00	181.50
JS-MW-003C	12/1/2020	N	89.00	430.42	15.51	414.91	83.00	88.00
JS-MW-003D	12/1/2020	N	128.50	430.33	15.33	415.00	123.50	128.50
JS-MW-004A	12/1/2020	N	10.50	431.73	6.57	425.16	5.50	10.50
JS-MW-004B	12/1/2020	N	111.00	431.72	17.76	413.96	58.00	63.00
JS-MW-004C	12/1/2020	N	111.00	431.68	16.54	415.14	106.00	111.00
JS-MW-004D	12/1/2020	N	139.50	431.62	16.45	415.17	134.50	139.50
JS-MW-005A	12/1/2020	N	12.50	433.00	7.90	425.10	7.50	12.50
JS-MW-006C	12/1/2020	N	-	430.87	16.16	414.71	75.00	85.00
JS-MW-006D	12/1/2020	N	-	430.75	16.02	414.73	115.00	125.00
JS-TMW-018	12/1/2020	N	21.50	427.60	12.65	414.95	0.10	21.20
JS-TMW-030	12/1/2020	N	27.40	431.03	9.56	421.47	13.00	27.00
JS-TMW-033	12/1/2020	N	20.50	429.87	10.67	419.20	11.00	20.00
JS-TMW-035	12/1/2020	N	21.10	430.83	9.18	421.65	14.00	21.00

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Location ID	Measurement Date	Dry - Y/N	Measured Depth of Well (ft)	Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Top of Screen (ft)	Depth to Bottom of Screen (ft)
JS-TMW-036	12/1/2020	N	21.10	431.11	9.95	421.16	14.00	21.00
JS-TMW-037	12/1/2020	N	22.50	431.07	9.53	421.54	12.00	22.00
JS-TMW-038	12/1/2020	N	21.50	430.29	11.30	418.99	11.00	21.00
JS-TMW-039	12/1/2020	N	22.50	430.09	6.64	423.45	11.00	22.00
JS-TMW-044	12/1/2020	N	20.50	427.73	12.88	414.85	15.00	20.00
JS-TMW-049	12/1/2020	N	20.50	430.14	6.71	423.43	10.00	20.00
JS-TMW-050	12/1/2020	N	20.00	429.87	6.47	423.40	9.50	19.50
JS-TMW-053	12/1/2020	N	17.00	429.52	7.97	421.55	11.50	16.50
JS-TMW-062	12/1/2020	N	10.00	429.08	5.42	423.66	5.00	10.00
JS-TMW-063	12/1/2020	N	10.00	430.73	6.79	423.94	7.00	10.00
JS-TMW-064	12/1/2020	N	10.00	430.71	6.64	424.07	7.00	10.00
JS-TMW-065	12/1/2020	N	10.00	430.66	7.19	423.47	7.00	10.00
JS-TMW-066	12/1/2020	N	8.00	427.46	5.80	421.66	5.00	8.00
JS-TMW-067	12/1/2020	N	15.00	427.61	12.40	415.21	10.00	15.00
JS-TMW-068	12/1/2020	N	16.50	427.08	11.95	415.13	11.50	16.50
JS-TMW-069	12/1/2020	N	10.50	427.92	7.76	420.16	7.50	10.50
LS-MW-01	12/1/2020	N	-	472.72	8.15	464.57	5.00	20.00
LS-MW-01D	12/1/2020	N	-	472.85	39.20	433.65	98.10	108.10
LS-MW-02	12/1/2020	N	-	472.71	5.96	466.75	5.00	20.00
LS-MW-02D	12/1/2020	N	-	472.36	44.83	427.53	104.00	114.00
LS-MW-03	12/1/2020	N	-	489.40	23.75	465.65	10.00	25.00
LS-MW-03D	12/1/2020	N	-	489.40	39.82	449.58	58.00	63.00
LS-MW-03D2	12/1/2020	N	-	488.62	53.93	434.69	80.00	90.00
LS-MW-04	12/1/2020	N	-	482.78	10.81	471.97	10.00	25.00
LS-MW-04D	12/1/2020	N	-	482.98	48.18	434.80	79.00	87.00
LS-MW-05	12/1/2020	N	-	489.42	15.97	473.45	10.00	25.00
LS-MW-05D	12/1/2020	N	-	489.42	56.00	433.42	87.00	95.00
LS-MW-06	12/1/2020	N	-	487.59	7.42	480.17	10.00	25.00
LS-MW-06D	12/1/2020	N	-	487.47	65.41	422.06	84.50	94.50
LS-MW-07	12/1/2020	N	-	486.82	16.71	470.11	10.00	25.00
LS-MW-07D	12/1/2020	N	-	487.09	72.35	414.74	84.00	94.00
LS-MW-08	12/1/2020	N	-	486.62	27.23	459.39	13.00	28.00
LS-MW-08D	12/1/2020	N	-	486.69	71.67	415.02	84.00	94.00
LS-MW-09	12/1/2020	N	-	483.23	8.53	474.70	10.00	25.00
LS-MW-10	12/1/2020	N	-	491.54	4.93	486.61	1.00	6.00
LS-MW-11	12/1/2020	N	-	490.40	3.48	486.92	1.00	6.00
LS-MW-12	12/1/2020	N	-	491.05	2.98	488.07	1.00	6.00
LS-MW-13	12/1/2020	N	-	490.76	2.51	488.25	1.00	6.00
LS-MW-14	12/1/2020	N	-	491.51	2.99	488.52	1.00	6.00
LS-MW-15	12/1/2020	N	-	492.32	3.78	488.54	1.00	6.00
LS-MW-16	12/1/2020	N	-	489.60	4.11	485.49	1.00	6.00
LS-MW-17	12/1/2020	N	-	491.25	3.22	488.03	1.00	6.00
LS-MW-17S	12/1/2020	N	-	491.50	11.67	479.83	15.00	20.00
LS-MW-18	12/1/2020	N	-	491.03	2.60	488.43	1.00	6.00
LS-MW-19	12/1/2020	N	-	490.59	2.38	488.21	1.00	6.00
LS-MW-20	12/1/2020	N	-	490.49	3.71	486.78	1.00	6.00
LS-MW-21	12/1/2020	N	-	491.63	4.59	487.04	1.00	6.00
LS-MW-22	12/1/2020	N	-	490.64	4.76	485.88	1.00	6.00
LS-MW-23	12/1/2020	N	-	491.41	5.98	485.43	1.00	6.00
LS-MW-24	12/1/2020	N	-	490.41	6.84	483.57	1.00	6.00
LS-MW-25	12/1/2020	N	-	491.02	5.24	485.78	1.50	8.50
LS-MW-26	12/1/2020	N	-	489.71	3.10	486.61	1.00	6.00
LS-MW-27	12/1/2020	N	-	491.04	4.12	486.92	1.00	9.00
LS-MW-28D	12/1/2020	N	-	445.41	30.50	414.91	56.00	66.00
LS-MW-28S	12/1/2020	N	-	445.43	7.45	437.98	10.00	20.00
LS-MW-29D	12/1/2020	N	-	482.17	45.33	436.84	104.00	109.00
LS-MW-29S	12/1/2020	N	-	481.31	10.40	470.91	4.50	19.50
LS-MW-30D	12/1/2020	N	-	482.97	64.84	418.13	114.00	124.00
LS-MW-30S	12/1/2020	N	-	482.34	18.75	463.59	9.70	19.70
LS-MW-31D	12/1/2020	N	-	474.72	40.75	433.97	102.00	112.00
LS-MW-31S	12/1/2020	N	-	474.64	7.58	467.06	5.00	15.00
LS-MW-32D	12/1/2020	N	-	456.21	25.46	430.75	39.00	49.00
LS-MW-32S	12/1/2020	N	-	456.51	19.05	437.46	10.00	25.00
LS-MW-33D	12/1/2020	N	-	470.62	48.88	421.74	55.00	65.00
LS-MW-33S	12/1/2020	N	-	470.48	4.81	465.67	5.00	20.00
LS-MW-34D	12/1/2020	Y	-	475.57	-	-	40.00	45.00
LS-MW-34S	12/1/2020	N	-	475.66	9.26	466.40	10.00	20.00
LS-MW-35D	12/1/2020	N	-	470.21	39.90	430.31	77.00	87.00
LS-MW-35S	12/1/2020	N	-	470.53	3.96	466.57	7.00	17.00
LS-MW-36D	12/1/2020	N	-	474.81	43.80	431.01	97.00	107.00
LS-MW-36S	12/1/2020	N	-	474.19	6.17	468.02	7.00	17.00
LS-MW-37D	12/1/2020	N	-	442.91	27.47	415.44	39.00	44.00
LS-MW-37S	12/1/2020	N	-	442.98	18.79	424.19	14.00	24.00
LS-MW-38D	12/1/2020	N	-	462.49	28.02	434.47	186.00	196.00
LS-MW-38I	12/1/2020	N	-	462.93	26.35	436.58	140.00	150.00
LS-MW-38S	12/1/2020	N	-	463.08	7.57	455.51	10.00	20.00
LS-MW-39D	12/1/2020	N	-	423.96	9.71	414.25	20.50	25.50
LS-MW-39S	12/1/2020	N	-	424.38	10.14	414.24	5.00	15.00
LS-MW-40D	12/1/2020	N	-	452.59	21.58	431.01	28.00	38.00
LS-MW-40S	12/1/2020	N	-	452.42	18.97	433.45	11.00	21.00
LS-MW-41D	12/1/2020	N	-	460.47	59.99	400.48	120.00	125.00
LS-MW-41I	12/1/2020	N	-	461.21	33.98	427.23	39.00	49.00
LS-MW-41S	12/1/2020	N	-	460.38	14.40	445.98	7.00	17.00
LS-MW-42D	12/1/2020	N	-	448.25	48.23	400.02	117.00	127.00
LS-MW-42I	12/1/2020	N	-	448.15	22.81	425.34	24.00	29.00
LS-MW-42S	12/1/2020	N	-	448.17	11.35	436.82	8.00	18.00
LS-MW-43D	12/1/2020	N	-	426.74	45.01	381.73	115.00	120.00
LS-MW-43I	12/1/2020	N	-	426.81	45.28	381.53	94.00	104.00
LS-MW-43S	12/1/2020	N	-	426.52	3.53	422.99	6.00	11.00
LS-MW-44S	12/1/2020	N	-	486.76	8.68	478.08	10.00	20.00
LS-MW-45D	12/1/2020	N	-	489.07	70.48	418.59	165.00	175.00
LS-MW-45S	12/1/2020	N	-	489.16	4.83	484.33	10.00	20.00
LS-MW-46D	12/1/2020	N	-	502.32	49.96	452.36	150.00	160.00

Table 4
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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosic, New York



Location ID	Measurement Date	Dry - Y/N	Measured Depth of Well (ft)	Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Top of Screen (ft)	Depth to Bottom of Screen (ft)
LS-MW-46I	12/1/2020	N	-	501.99	57.34	444.65	109.00	119.00
LS-MW-46S	12/1/2020	N	-	502.39	3.93	498.46	10.00	20.00
LS-MW-47D	12/1/2020	N	-	519.39	11.40	507.99	8.00	18.00
LS-MW-48D	12/1/2020	N	-	477.80	78.60	399.20	145.00	155.00
LS-MW-48I	12/1/2020	N	-	477.97	38.49	439.48	95.00	100.00
LS-MW-48S	12/1/2020	N	-	477.98	6.63	471.35	10.00	20.00
MC-GP-02	12/1/2020	N	-	438.20	1.09	437.11	0.00	9.00
MC-GP-03	12/1/2020	N	-	438.20	8.30	429.90	0.00	9.00
MC-GP-04	12/1/2020	Y	-	438.14	-	-	0.00	9.00
MC-GP-06	12/1/2020	Y	-	437.04	-	-	3.50	8.50
MC-GP-22	12/1/2020	Y	-	450.00	-	-	4.00	9.00
MC-GW-02	12/1/2020	N	-	-	5.62	-	-	-
MC-GW-03	12/1/2020	N	-	-	15.04	-	-	-
MC-GW-04	12/1/2020	N	-	-	18.08	-	-	-
MC-GW-05	12/1/2020	N	-	-	23.10	-	-	-
MC-HF DOWNSTREAM-2	12/1/2020	N	-	-	17.04	-	-	-
MC-HF DOWNSTREAM-3	12/1/2020	N	-	-	16.17	-	-	-
MC-MW-01	12/1/2020	N	-	455.77	21.10	434.67	22.00	27.00
MC-MW-01S	12/1/2020	N	-	455.55	3.93	451.62	5.00	15.00
MC-MW-02	12/1/2020	N	-	460.46	30.10	430.36	35.00	45.00
MC-MW-02S	12/1/2020	N	-	460.54	9.94	450.60	9.00	19.00
MC-MW-03	12/1/2020	N	-	436.69	11.90	424.79	4.00	19.00
MC-MW-04	12/1/2020	N	-	431.17	13.12	418.05	11.00	26.00
MC-MW-05	12/1/2020	N	-	433.83	8.66	425.17	6.00	21.00
MC-MW-06	12/1/2020	N	-	461.63	25.54	436.09	25.00	35.00
MC-MW-06S	12/1/2020	N	-	461.59	5.19	456.40	4.75	19.75
MC-MW-07	12/1/2020	N	-	434.59	8.35	426.24	15.60	22.60
MC-MW-07S	12/1/2020	N	-	434.57	4.76	429.81	5.00	10.00
MC-MW-08	12/1/2020	N	-	460.70	30.30	430.40	35.00	45.00
MC-MW-08S	12/1/2020	N	-	460.76	6.93	453.83	5.00	14.00
MC-MW-09	12/1/2020	N	-	443.00	12.83	430.17	13.00	19.00
MC-MW-09S	12/1/2020	Y	-	442.46	-	-	8.00	11.00
MC-MW-10	12/1/2020	N	-	429.05	8.66	420.39	8.50	18.50
MC-MW-11	12/1/2020	N	-	427.15	6.28	420.87	8.70	23.70
MC-MW-12	12/1/2020	N	-	436.24	15.69	420.55	23.00	26.00
MC-MW-12S	12/1/2020	N	-	436.25	15.61	420.64	10.90	20.90
MC-MW-13	12/1/2020	N	-	439.05	4.40	434.65	10.40	14.40
MC-MW-13S	12/1/2020	N	-	439.17	4.38	434.79	4.00	8.00
MC-MW-14	12/1/2020	N	-	437.71	5.78	431.93	10.00	13.00
MC-MW-14S	12/1/2020	N	-	437.84	3.74	434.10	2.90	5.40
MC-MW-15	12/1/2020	N	-	433.58	12.74	420.84	20.50	23.50
MC-MW-15S	12/1/2020	N	-	433.56	12.90	420.66	7.00	17.00
MC-MW-16	12/1/2020	N	-	438.19	3.49	434.70	2.50	7.50
MC-MW-17	12/1/2020	N	-	461.00	32.28	428.72	39.00	60.00
MC-MW-18	12/1/2020	N	-	443.10	14.61	428.49	19.00	45.00
MC-MW-19	12/1/2020	N	-	430.39	13.00	417.39	29.00	55.00
MC-MW-19S	12/1/2020	N	-	428.31	11.10	417.21	14.00	19.00
MC-MW-20	12/1/2020	N	-	434.36	12.04	422.32	5.00	10.00
MC-MW-21	12/1/2020	N	-	432.89	12.08	420.81	5.00	12.00
MC-MW-22	12/1/2020	N	-	456.24	0.83	455.41	1.00	11.00
MC-MW-23	12/1/2020	N	-	428.89	10.09	418.80	59.50	67.50
MC-MW-23S	12/1/2020	N	-	428.92	7.64	421.28	8.00	18.00
MC-MW-24	12/1/2020	N	-	434.22	15.91	418.31	129.00	139.00
MC-MW-24S	12/1/2020	N	-	434.51	13.33	421.18	28.00	38.00
MC-MW-25	12/1/2020	N	-	440.20	21.56	418.64	70.00	80.00
MC-MW-25S	12/1/2020	N	-	440.70	11.49	429.21	7.00	17.00
MC-MW-26	12/1/2020	N	-	437.70	13.11	424.59	38.00	48.00
MC-MW-26S	12/1/2020	N	-	438.01	11.93	426.08	5.00	10.00
MC-MW-27	12/1/2020	N	-	434.51	15.55	418.96	51.00	61.00
MC-MW-27S	12/1/2020	N	-	433.87	14.90	418.97	9.00	19.00
MC-MW-28	12/1/2020	N	-	436.19	17.27	418.92	90.00	100.00
MC-MW-28S	12/1/2020	N	-	436.10	13.04	423.06	7.00	17.00
MC-MW-29	12/1/2020	N	-	438.04	19.78	418.26	60.00	70.00
MC-MW-29S	12/1/2020	N	-	438.33	19.74	418.59	15.00	25.00
MC-MW-30	12/1/2020	N	-	440.01	20.90	419.11	45.00	55.00
MC-MW-30S	12/1/2020	N	-	440.06	13.85	426.21	5.00	15.00
MC-MW-31	12/1/2020	N	-	455.84	30.50	425.34	29.00	39.00
MC-MW-31S	12/1/2020	N	-	455.87	7.45	448.42	5.00	10.00
MC-MW-32	12/1/2020	N	-	452.26	29.50	422.76	66.00	71.00
MC-MW-32S	12/1/2020	N	-	452.22	9.45	442.77	8.00	18.00
MC-MW-33	12/1/2020	N	-	459.45	34.97	424.48	50.00	60.00
MC-MW-33S	12/1/2020	N	-	459.74	4.04	455.70	5.00	15.00
MC-MW-34	12/1/2020	N	-	466.46	47.88	418.58	85.00	91.00
MC-MW-34S	12/1/2020	N	-	466.54	10.90	455.64	10.00	20.00
MC-MW-35	12/1/2020	N	-	481.90	45.29	436.61	105.00	110.00
MC-MW-35I	12/1/2020	N	-	483.05	31.11	451.94	45.00	55.00
MC-MW-35S	12/1/2020	N	-	482.58	7.00	475.58	5.00	15.00
MC-MW-36	12/1/2020	N	-	474.02	46.23	427.79	135.00	145.00
MC-MW-36I	12/1/2020	N	-	474.59	24.61	449.98	38.00	43.00
MC-MW-36S	12/1/2020	N	-	474.53	9.31	465.22	5.00	15.00
MC-MW-37	12/1/2020	N	-	526.41	12.97	513.44	7.00	17.00
MC-MW-38	12/1/2020	N	-	594.48	17.80	576.68	32.00	37.00
MC-MW-38S	12/1/2020	N	-	594.47	5.20	589.27	6.00	11.00
MC-MW-39	12/1/2020	N	-	489.60	20.01	469.59	70.00	80.00
MC-MW-39S	12/1/2020	N	-	489.64	6.10	483.54	3.00	7.00
MC-MW-40	12/1/2020	N	-	435.44	14.47	420.97	38.00	43.00
MC-MW-40S	12/1/2020	N	-	435.37	9.65	425.72	4.00	14.00
MC-MW-41	12/1/2020	N	-	438.92	15.33	423.59	13.00	23.00
MC-MW-42	12/1/2020	N	-	436.15	10.90	425.25	18.00	24.00
MC-MW-42S	12/1/2020	N	-	436.26	7.71	428.55	5.00	15.00
MC-MW-TW-2	12/1/2020	N	-	-	11.05	-	-	-
MC-OW-02	12/1/2020	N	-	-	11.65	-	-	-
MC-PW-04	12/1/2020	N	-	433.67	18.00	415.67	10.90	23.40

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MC-PW-19	12/1/2020	N	-	431.46	16.84	414.62	10.20	23.20
MC-PZ-01	12/1/2020	N	-	427.96	7.15	420.81	20.50	25.50
MC-PZ-01S	12/1/2020	N	-	427.64	7.29	420.35	5.00	15.00
MC-PZ-02	12/1/2020	N	-	428.38	8.14	420.24	18.50	23.50
MC-PZ-02S	12/1/2020	N	-	428.28	7.87	420.41	5.00	15.00
MC-PZ-03	12/1/2020	N	-	426.12	6.38	419.74	18.50	23.50
MC-PZ-03S	12/1/2020	N	-	425.96	5.88	420.08	5.00	13.00
MC-PZ-04	12/1/2020	N	-	426.16	7.63	418.53	28.00	38.00
MC-PZ-04S	12/1/2020	N	-	425.68	5.18	420.50	5.00	10.00
MC-PZ-05	12/1/2020	N	-	427.56	7.89	419.67	21.50	26.50
MC-PZ-05S	12/1/2020	N	-	427.90	7.16	420.74	7.00	12.00
MC-PZ-06	12/1/2020	N	-	426.69	8.05	418.64	35.00	45.00
MC-PZ-06S	12/1/2020	N	-	426.42	5.27	421.15	6.00	11.00
MC-PZ-07	12/1/2020	N	-	435.66	17.08	418.58	49.00	59.00
MC-PZ-07S	12/1/2020	N	-	435.75	16.35	419.40	8.00	18.00
MC-PZ-08	12/1/2020	N	-	435.12	16.43	418.69	39.00	49.00
MC-PZ-08S	12/1/2020	N	-	435.05	15.60	419.45	8.00	18.00
MC-PZ-09	12/1/2020	N	-	432.90	6.39	426.51	5.00	15.00
MC-PZ-10	12/1/2020	N	-	430.54	6.58	423.96	6.00	16.00
MC-PZ-11	12/1/2020	N	-	430.81	9.08	421.73	5.00	15.00
MC-PZ-12	12/1/2020	N	-	429.48	8.02	421.46	6.00	16.00
MH-E	12/1/2020	N	-	-	11.65	-	72.00	82.00
MH-F	12/1/2020	N	-	-	11.65	-	83.00	100.00
MS-MW-008B	12/1/2020	N	80.00	422.87	22.38	400.49	50.80	55.80
MS-MW-010	12/1/2020	Y	8.00	427.92	-	-	2.90	8.00
MS-MW-011	12/1/2020	N	14.00	432.17	5.08	427.09	3.50	6.50
MS-MW-012	12/1/2020	Y	14.65	432.26	-	-	10.00	15.00
MS-MW-013	12/1/2020	N	115.00	433.03	25.56	407.47	17.00	27.00
MS-MW-014	12/1/2020	N	40.00	429.98	29.26	400.72	28.50	38.50
MS-MW-015	12/1/2020	N	100.00	425.57	24.98	400.59	43.00	53.00
MS-MW-018	12/1/2020	N	80.00	420.74	20.89	399.85	21.00	26.00
MS-MW-019	12/1/2020	N	85.00	422.55	20.85	401.70	9.50	19.50
MS-MW-4	12/1/2020	N	28.83	428.57	14.72	413.85	11.00	31.00
MS-MW-5	12/1/2020	N	35.00	422.04	16.25	405.79	11.00	31.00
MS-MW-8	12/1/2020	N	31.62	423.18	6.42	416.76	10.00	30.00
MS-MW-9	12/1/2020	N	25.00	425.00	15.77	409.23	5.00	25.00
OS-MW-001A	12/1/2020	N	11.00	423.25	3.00	420.25	6.00	11.00
OS-MW-001B	12/1/2020	N	27.00	422.98	2.80	420.18	22.00	27.00
OS-MW-003A	12/1/2020	N	11.00	422.81	6.29	416.52	6.00	11.00
OS-MW-003B	12/1/2020	N	25.00	422.71	4.39	418.32	20.00	25.00
OS-MW-003BR	12/1/2020	N	73.50	423.21	3.37	419.84	-	-
OS-MW-004A	12/1/2020	N	24.00	423.36	3.27	420.09	6.00	11.00
OS-MW-004B	12/1/2020	N	33.00	423.88	4.31	419.57	28.00	33.00
OS-MW-005A	12/1/2020	N	11.00	424.63	4.09	420.54	6.00	11.00
OS-MW-005B	12/1/2020	N	24.00	424.76	4.35	420.41	21.00	24.00
OS-MW-007A	12/1/2020	N	14.00	431.56	8.16	423.40	9.00	14.00
OS-MW-007B	12/1/2020	N	26.50	431.58	8.01	423.57	23.50	26.50
OS-MW-009A	12/1/2020	N	9.00	450.91	6.20	444.71	6.00	9.00
OS-MW-009B	12/1/2020	N	24.20	450.46	13.70	436.76	19.20	24.20
OS-MW-011A	12/1/2020	N	10.00	468.63	7.82	460.81	7.00	10.00
OS-MW-011B	12/1/2020	N	23.50	468.52	8.90	459.62	20.50	23.50
OS-MW-016A	12/1/2020	N	12.50	487.60	11.69	475.91	7.50	12.50
OS-MW-020A	12/1/2020	N	12.00	446.96	10.38	436.58	9.00	12.00
OS-MW-020B	12/1/2020	N	19.80	447.02	10.00	437.02	17.50	19.50
OS-MW-021A	12/1/2020	N	7.00	443.23	5.90	437.33	5.00	7.00
OS-MW-021B	12/1/2020	N	18.00	443.57	7.85	435.72	12.50	15.50
OS-MW-022A	12/1/2020	N	14.50	432.27	8.25	424.02	5.00	10.00
OS-MW-023A	12/1/2020	N	12.00	445.89	9.19	436.70	7.00	12.00
OS-MW-024A	12/1/2020	N	6.50	434.65	5.39	429.26	4.00	6.50
OS-MW-024B	12/1/2020	N	42.50	434.65	20.72	413.93	36.00	41.00
OS-MW-024BR	12/1/2020	N	102.00	434.41	20.69	413.72	78.00	102.00
OS-MW-025A	12/1/2020	N	17.10	427.71	13.23	414.48	12.00	17.00
OS-MW-025B	12/1/2020	N	25.10	427.76	13.29	414.47	19.98	21.98
OS-MW-026A	12/1/2020	N	20.70	428.53	14.38	414.15	15.70	20.70
OS-MW-026B	12/1/2020	N	42.00	428.60	13.67	414.93	36.00	41.00
OS-MW-026BR	12/1/2020	N	132.20	428.58	13.80	414.78	107.00	132.20
OS-MW-026C	12/1/2020	N	80.00	428.52	13.66	414.86	75.00	80.00
OS-MW-027A	12/1/2020	N	21.00	429.83	15.17	414.66	15.20	20.20
OS-MW-027B	12/1/2020	N	98.00	429.96	15.42	414.54	85.00	88.00
OS-MW-027BR	12/1/2020	N	136.10	429.29	14.42	414.87	111.00	136.10
OS-MW-027C	12/1/2020	N	100.00	430.07	15.20	414.87	96.70	99.70
OS-MW-028A	12/1/2020	N	78.00	438.29	5.66	432.63	5.00	8.00
OS-MW-028B	12/1/2020	N	78.00	438.14	23.20	414.94	73.00	78.00
OS-MW-028BR	12/1/2020	N	194.00	438.25	20.45	417.80	166.00	194.00
OS-MW-028C	12/1/2020	N	101.00	438.33	23.34	414.99	96.00	101.00
OS-MW-029A	12/1/2020	N	16.50	460.38	8.00	452.38	17.50	19.50
OS-MW-030A	12/1/2020	N	16.00	451.61	13.27	438.34	9.20	14.20
OS-MW-030B	12/1/2020	N	82.40	451.41	36.20	415.21	80.40	82.40
OS-MW-030BR	12/1/2020	N	137.50	451.01	35.46	415.55	111.00	137.50
OS-MW-030C	12/1/2020	N	90.00	451.56	36.52	415.04	87.00	90.00
OS-MW-030D	12/1/2020	N	110.00	451.57	36.24	415.33	105.00	110.00
OS-MW-031A-RE	12/1/2020	N	16.10	427.17	13.27	413.90	11.00	16.00
OS-MW-031BR	12/1/2020	N	63.00	427.29	13.20	414.09	36.00	63.00
OS-MW-031B-RE	12/1/2020	N	25.20	427.21	12.97	414.24	19.00	24.00
OS-MW-032B	12/1/2020	N	85.00	428.61	13.90	414.71	75.00	85.00
OS-MW-032C	12/1/2020	N	113.00	428.52	13.92	414.60	103.00	113.00
OS-MW-033A	12/1/2020	N	6.00	454.74	3.90	450.84	3.00	6.00
OS-MW-033B	12/1/2020	N	92.00	454.89	39.48	415.41	87.00	92.00
OS-MW-033C	12/1/2020	N	105.00	455.01	39.75	415.26	100.00	105.00
OS-MW-034A	12/1/2020	N	12.00	460.09	9.45	450.64	7.00	12.00
OS-MW-035B	12/1/2020	N	67.00	456.49	38.50	417.99	64.00	67.00
OS-MW-036A	12/1/2020	N	11.00	454.15	10.13	444.02	6.00	11.00
OS-MW-036B	12/1/2020	N	50.00	454.29	31.55	422.74	40.00	50.00

Table 4
Regional Groundwater - Surface Water Elevations For 1 December 2020
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosic, New York



Location ID	Measurement Date	Dry - Y/N	Measured Depth of Well (ft)	Reference Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Top of Screen (ft)	Depth to Bottom of Screen (ft)
OS-MW-037A	12/1/2020	N	15.00	433.79	8.42	425.37	5.00	15.00
OS-MW-039A	12/1/2020	N	12.00	448.61	8.22	440.39	7.00	12.00
OS-MW-039B	12/1/2020	N	65.00	448.70	33.70	415.00	60.00	65.00
OS-MW-040A	12/1/2020	N	15.00	422.56	9.22	413.34	10.00	15.00
OS-MW-041A	12/1/2020	N	18.00	427.28	13.37	413.91	13.00	18.00
OS-MW-041B	12/1/2020	N	38.00	426.95	12.18	414.77	33.00	38.00
OS-MW-047B	12/1/2020	N	95.00	460.18	42.68	417.50	90.00	95.00
OS-MW-047C	12/1/2020	N	117.00	460.32	42.51	417.81	112.00	117.00
OS-MW-048A	12/1/2020	N	16.00	423.92	9.60	414.32	6.00	16.00
OS-MW-049B	12/1/2020	N	60.00	432.74	18.29	414.45	50.00	60.00
OS-MW-049C	12/1/2020	N	98.00	431.61	17.00	414.61	75.00	85.00
OS-MW-050B	12/1/2020	N	70.00	429.96	15.68	414.28	60.00	70.00
OS-MW-050C	12/1/2020	N	108.00	430.19	15.75	414.44	98.00	108.00
OS-MW-051B	12/1/2020	N	80.00	430.95	16.49	414.46	70.00	80.00
OS-MW-051C	12/1/2020	N	140.00	431.03	16.69	414.34	115.00	140.00
OS-MW-052B	12/1/2020	N	-	431.67	17.24	414.43	108.00	118.00
OS-MW-052C	12/1/2020	N	-	432.64	17.66	414.98	127.00	142.00
OS-MW-053B	12/1/2020	N	-	431.06	16.49	414.57	112.00	122.00
OS-MW-053C	12/1/2020	N	148.00	431.20	16.15	415.05	138.00	148.00
OS-MW-054B	12/1/2020	N	-	429.56	14.81	414.75	80.00	90.00
OS-MW-054C	12/1/2020	N	-	429.53	15.00	414.53	132.00	142.00
OS-MW-055C	12/1/2020	N	-	428.27	13.74	414.53	76.00	86.00
OS-MW-055D	12/1/2020	N	-	428.42	13.93	414.49	110.00	120.00
OS-MW-056B	12/1/2020	N	-	428.01	13.59	414.42	45.00	55.00
OS-MW-056C	12/1/2020	N	-	427.55	13.07	414.48	90.00	100.00
OS-MW-057B	12/1/2020	N	-	427.27	13.09	414.18	104.00	0.00
OS-MW-057C	12/1/2020	N	-	427.27	13.03	414.24	54.00	64.00
OS-MW-058B	12/1/2020	N	-	426.46	12.40	414.06	55.00	65.00
OS-MW-058C	12/1/2020	N	-	426.42	12.48	413.94	80.00	90.00
OS-MW-059B	12/1/2020	N	150.00	463.66	45.83	417.83	136.00	146.00
OS-MW-059C	12/1/2020	N	178.00	463.79	46.25	417.54	168.00	178.00
OS-MW-060B	12/1/2020	N	95.00	463.71	61.90	401.81	74.00	84.00
OS-MW-061B	12/1/2020	N	130.00	467.85	49.87	417.98	116.00	126.00
OS-MW-061C	12/1/2020	N	180.00	467.88	50.01	417.87	166.00	176.00
OS-MW-061D	12/1/2020	N	197.00	467.89	50.02	417.87	187.00	197.00
OS-MW-062C	12/1/2020	N	140.00	467.45	49.33	418.12	97.00	107.00
OS-TMW-042B	12/1/2020	N	63.00	434.98	20.14	414.84	58.00	63.00
OS-TMW-043A	12/1/2020	N	7.50	430.13	4.20	425.93	4.50	7.50
OS-TMW-043B	12/1/2020	N	124.50	429.85	15.09	414.76	119.50	124.50
RR-MW-001A	12/1/2020	N	13.50	439.35	5.10	434.25	8.00	13.00
RR-MW-001B	12/1/2020	N	22.75	439.81	4.21	435.60	17.50	22.50
RR-MW-003A	12/1/2020	N	13.10	427.63	2.30	425.33	8.00	13.00
RR-MW-003B	12/1/2020	N	23.80	427.60	2.39	425.21	20.70	23.70
RR-MW-004A	12/1/2020	N	10.00	443.83	7.24	436.59	6.00	10.00
RR-MW-004B	12/1/2020	N	17.00	443.88	7.78	436.10	14.00	17.00
RR-MW-005A	12/1/2020	N	15.00	426.65	4.60	422.05	10.00	15.00
RR-MW-005B	12/1/2020	N	23.40	426.46	4.61	421.85	21.40	23.40
RR-MW-005BR	12/1/2020	N	62.00	426.49	4.47	422.02	37.00	62.00
RR-MW-008A	12/1/2020	N	11.00	426.57	1.29	425.28	6.00	11.00
RR-MW-008BR	12/1/2020	N	88.00	425.89	0.89	425.00	-	-
RR-MW-010A	12/1/2020	N	12.40	425.68	3.76	421.92	7.30	12.30
RR-MW-010B	12/1/2020	N	30.20	425.78	5.15	420.63	25.10	30.10
RR-MW-011A	12/1/2020	N	10.00	425.97	5.71	420.26	6.00	10.00
RR-MW-015BR	12/1/2020	N	65.00	430.20	6.32	423.88	-	-
RR-MW-018A	12/1/2020	N	9.00	426.68	4.75	421.93	4.00	9.00
RR-MW-018B	12/1/2020	N	17.00	426.76	4.91	421.85	12.00	17.00
RR-MW-019A	12/1/2020	N	9.00	427.54	5.54	422.00	4.00	9.00
RR-MW-019B	12/1/2020	N	17.50	427.30	5.25	422.05	12.50	17.50
RR-MW-020A	12/1/2020	N	9.00	427.86	5.71	422.15	4.00	9.00
RR-MW-020B	12/1/2020	N	18.00	427.92	5.77	422.15	12.00	17.00
RR-MW-020BR	12/1/2020	N	38.50	427.97	5.96	422.01	-	-
RR-MW-020DBR	12/1/2020	N	24.50	428.26	6.31	421.95	-	-
RR-MW-025A	12/1/2020	N	12.00	427.23	4.92	422.31	7.00	12.00
RR-MW-026A	12/1/2020	N	10.50	426.89	5.03	421.86	5.50	10.50
RR-MW-026B	12/1/2020	N	15.50	426.60	4.75	421.85	13.00	15.50
RR-MW-027A	12/1/2020	N	12.00	427.54	5.50	422.04	7.00	12.00
RR-MW-027B	12/1/2020	N	23.00	427.51	5.49	422.02	18.00	23.00
RR-MW-028A	12/1/2020	N	16.00	425.43	4.81	420.62	6.00	16.00
RR-MW-029A	12/1/2020	N	16.00	426.42	4.25	422.17	6.00	16.00
RR-MW-029B	12/1/2020	N	26.00	426.23	5.12	421.11	21.00	26.00
RR-MW-030A	12/1/2020	N	16.00	426.15	4.08	422.07	6.00	16.00
RR-MW-030B	12/1/2020	N	24.00	426.27	5.92	420.35	19.00	24.00
RR-MW-031B	12/1/2020	N	23.50	427.00	5.52	421.48	18.50	23.50
RR-MW-032B	12/1/2020	N	27.50	423.26	2.72	420.54	22.50	27.50
RR-MW-032BR	12/1/2020	N	65.00	423.13	3.21	419.92	-	-
RR-MW-033A	12/1/2020	N	16.00	427.50	5.35	422.15	6.00	16.00
RR-MW-034A	12/1/2020	N	14.00	427.86	5.66	422.20	6.00	14.00
RR-MW-034B	12/1/2020	N	25.00	427.76	5.71	422.05	22.00	25.00
RR-MW-035A	12/1/2020	N	12.00	429.29	4.88	424.41	7.00	12.00
RR-MW-036B	12/1/2020	N	19.00	430.58	8.28	422.30	7.00	12.00
RR-MW-037A	12/1/2020	N	16.00	430.96	7.82	423.14	7.00	12.00
RR-MW-038A	12/1/2020	N	15.00	430.90	7.21	423.69	7.00	12.00
RR-MW-039A	12/1/2020	N	15.00	427.36	5.60	421.76	5.00	15.00
RR-MW-040A	12/1/2020	N	9.00	427.05	4.47	422.58	5.00	9.00
RR-MW-041A	12/1/2020	N	16.00	426.75	5.08	421.67	6.00	16.00
RR-MW-046B	12/1/2020	N	20.20	430.58	8.50	422.08	6.00	16.00
RR-TMW-013	12/1/2020	N	15.00	428.29	5.03	423.26	5.00	15.00
RR-TMW-015	12/1/2020	N	16.00	431.32	7.91	423.41	6.00	16.00
TEST WELL	12/1/2020	N	105.00	436.60	11.29	425.31	75.00	105.00
UNNAMED BROOK 1-DOW	12/1/2020	N	-	426.96	0.91	426.05	-	-
UNNAMED BROOK 1-UP	12/1/2020	N	-	430.28	1.78	428.50	-	-
UNNAMED BROOK 2-DN-A	12/1/2020	N	-	428.78	2.15	426.63	-	-
UNNAMED BROOK 2-UP-A	12/1/2020	N	-	436.22	2.99	433.23	-	-

Table 5
Summary of Hydraulic Conductivities From Slug Testing
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Well ID	Solution	K (cm/sec)	K ft/day	
JS-MW-001A	Bouwer-Rice	3.01E-02	8.52E+01	
JS-MW-003A	Bouwer-Rice	1.44E-01	4.09E+02	
JS-MW-004A	Bouwer-Rice	4.36E-02	1.23E+02	
OS-MW-025A	Bouwer-Rice	1.15E-02	3.26E+01	
OS-MW-026A	Springer-Gelhar	7.25E-02	2.05E+02	
OS-MW-027A	Springer-Gelhar	8.49E-02	2.41E+02	
OS-MW-030A	Bouwer-Rice	1.72E-06	4.88E-03	
OS-MW-037A	Bouwer-Rice	1.55E-04	4.38E-01	
OS-MW-040A	Springer-Gelhar	1.15E-01	3.25E+02	
OS-MW-041A	Bouwer-Rice	7.02E-02	1.99E+02	
OS-MW-048A	Bouwer-Rice	2.96E-04	8.39E-01	Average for Shallow Sand and Gravel 28.0 ft/day
JS-MW-001B	Bouwer-Rice	5.38E-03	1.52E+01	
JS-MW-003B	Bouwer-Rice	7.21E-03	2.04E+01	
JS-MW-004B	Bouwer-Rice	3.21E-05	9.10E-02	
OS-MW-024B	Bouwer-Rice	5.27E-03	1.49E+01	
OS-MW-025B	Bouwer-Rice	3.99E-02	1.13E+02	
OS-MW-026B	Butler Inertial	1.23E-01	3.50E+02	
OS-MW-027B	Bouwer-Rice	1.84E-03	5.22E+00	
OS-MW-028B	Butler Inertial	3.24E-02	9.18E+01	
OS-MW-031B	Bouwer-Rice	6.40E-06	1.81E-02	
OS-MW-032B	Butler	1.16E-01	3.28E+02	
OS-MW-033B	Butler	1.19E-01	3.38E+02	
OS-MW-035B	KGS	2.82E-03	7.99E+00	
OS-MW-036B	Bouwer-Rice	9.62E-06	2.73E-02	
OS-MW-039B	KGS	2.10E-03	5.95E+00	
OS-MW-041B	KGS	7.03E-03	1.99E+01	
OS-MW-047B	Bouwer-Rice	4.96E-02	1.41E+02	
JS-MW-001C	Bouwer-Rice	7.92E-03	2.25E+01	
JS-MW-003C	Bouwer-Rice	2.07E-02	5.88E+01	
JS-MW-004C	Bouwer-Rice	1.24E-02	3.51E+01	
OS-MW-025C	Bouwer-Rice	2.57E-02	7.27E+01	
OS-MW-026C	Bouwer-Rice	3.71E-02	1.05E+02	
OS-MW-027C	Bouwer-Rice	7.83E-03	2.22E+01	
OS-MW-028C	Bouwer-Rice	4.49E-03	1.27E+01	
OS-MW-030C	Butler Inertial	1.00E-01	2.84E+02	
OS-MW-032C	Butler	6.54E-02	1.86E+02	
OS-MW-033C	Butler	2.12E-01	6.00E+02	
OS-MW-047C	Butler	1.47E-01	4.17E+02	
JS-MW-001D	Bouwer-Rice	2.96E-02	8.38E+01	
JS-MW-003D	Butler	2.98E-02	8.45E+01	
JS-MW-004D	Butler	5.70E-02	1.62E+02	
OS-MW-030D	Butler Inertial	5.15E-02	1.46E+02	
JS-MW-003BR	Barker-Black	8.54E-04	2.42E+00	Average for Deep Sand and Gravel 30.7 ft/day

K - hydraulic conductivity

Notes

All tests were conducted using a pressure transducer with water levels recorded a maximum of every second.

Tests were concluded when the water level returned to within 95% of the displaced level or three hours had elapsed.

Tests were completed using either pneumatic or solid slug methodology.

The Springer-Gelhar solution was used for instances of underdamped response.

The KGS model was used where possible for bedrock estimates due to the Bouwer-Rice solution's neglect of aquifer storage.

Barker Black - Barker, J.A. and J.H. Black, 1983. Slug tests in fissured aquifers, Water Resources Research, vol. 19, no. 6, pp. 1558-1564.

Bouwer-Rice = Solution derived via Bouwer, H. and R.C. Rice, 1976. A slug test method for determining hydraulic conductivity of unconfined aquifers with completely or partially penetrating wells, Water Resources Research, vol. 12, no. 3, pp. 423-428.

Butler Inertial - Butler, J.J., Jr., 1998. The Design, Performance, and Analysis of Slug Tests, Lewis Publishers, Boca Raton, 252p, and Butler, J.J., Jr., 2002. A simple correction for slug tests in small-diameter wells, Ground Water, vol. 40, no. 3, pp. 303-307.

KGS = Solution derived from Hyder, Z., J.J. Butler, Jr., C.D. McElwee and W. Liu, 1994. Slug tests in partially penetrating wells, Water Resources Research, vol. 30, no. 11, pp. 2945-2957.

Springer-Gelhar = Solution derived via Springer, R.K. and L.W. Gelhar, 1991. Characterization of large-scale aquifer heterogeneity in glacial outwash by analysis of slug tests with oscillatory response, Cape Cod, Massachusetts, U.S. Geol. Surv. Water Res. Invest. Rep. 91-4034, pp. 36-40.

Table 6
Estimated Groundwater Horizontal and Vertical Hydraulic Gradients
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



HORIZONTAL HYDRAULIC GRADIENTS 12/1/2020										
Well ID	GW Elevation (ft msl)	Linear Distance (ft)	Horizontal Gradient (ft/ft)	Well ID	GW Elevation (ft msl)	Linear Distance (ft)	Horizontal Gradient (ft/ft)	GW Elevation (ft msl)	Linear Distance (ft)	Horizontal Gradient (ft/ft)
OS-MW-033A	450.84	668	0.0407	OS-MW-041A	413.91	316	0.0009	415.02	465	0.0005
JS-MW-003A	423.69			FS-MW-12A	413.64			414.77		
JS-MW-003A	423.69	128	0.0668	OS-MW-061B	417.98	1272	0.0022	414.77	305	0.0012
JS-MW-001A	415.17			OS-MW-030B	415.21			414.40		
JS-MW-001A	415.17	372	0.0034	OS-MW-041B	414.77	305	0.0012	415.02	710	0.0009
OS-MW-041A	413.91			FS-MW-12B	414.40			414.40		

WELL CONSTRUCTION INFORMATION								1-Dec-2020			
WELL DESIGNATION	TOC ELEVATION (ft ASL)	TOTAL DEPTH (ft below TOC)	SCREEN LENGTH (ft)	SCREEN TOP ELEVATION (ft msl)	SCREEN BOTTOM ELEVATION (ft msl)	MIDSCREEN ELEVATION (ft msl)	VERTICAL DISTANCE (ft)	GROUND WATER ELEVATION (ft msl)	HEAD CHANGE (ft)	VERTICAL GRADIENT (ft/ft)	POTENTIAL FLOW DIRECTION
HFL-MW-102A	427.62	137.10	25	316.10	291.00	303.55	36.72	414.02	0.76	0.021	DOWNWARD
HFL-MW-102V	427.79	90.00	5	342.77	337.77	340.27	11.13	414.78	0.21	0.019	DOWNWARD
JS-MW-001C	427.91	80.00	5	353.90	348.90	351.40	28.50	414.99	0.00	0.000	UPWARD
JS-MW-001B	427.91	53.00	5	382.40	377.40	379.90	33.10	414.99	0.18	0.005	DOWNWARD
JS-MW-001A	427.78	17.5	5	415.5	410.5	413		415.17			
JS-MW-003BR	430.5	181.50	26	274.70	249.20	261.95	43.15	414.87	0.13	0.003	DOWNWARD
JS-MW-003D	430.33	138.50	5	307.60	302.60	305.10	40.20	415.00	-0.09	-0.002	UPWARD
JS-MW-003C	430.42	89.00	5	347.80	342.80	345.30	33.00	414.91	0.11	0.003	DOWNWARD
JS-MW-003B	430.42	56.00	5	380.80	375.80	378.30	46.10	415.02	8.67	0.188	DOWNWARD
JS-MW-003A	431.07	9.5	5	426.9	421.9	424.4		423.69			
JS-MW-004D	431.62	139.50	5	297.60	292.60	295.10	28.40	415.17	-0.03	-0.001	UPWARD
JS-MW-004C	431.68	111.00	5	326.00	321.00	323.50	48.00	415.14	-1.18	-0.025	UPWARD
JS-MW-004B	431.72	63.00	5	374.00	369.00	371.50	52.60	413.96	11.20	0.213	DOWNWARD
JS-MW-004A	431.73	10.5	5	426.6	421.6	424.1		425.16			
JS-MW-006D	430.75	125.00	10	316.08	306.08	311.08	40.21	414.73	-0.02	0.000	UPWARD
JS-MW-006C	430.87	85	10	356.29	346.29	351.29		414.71			
OS-MW-024BR	434.41	102	24	356.9	332.9	344.9	51.70	413.72	0.21	0.004	DOWNWARD
OS-MW-024B	434.65	42.50	5	399.10	394.10	396.60	33.15	413.93	15.33	0.462	DOWNWARD
OS-MW-024A	434.65	6.5	3	431	428.5	429.75		429.26			
OS-MW-025C	427.67	25	2	405	403	404	3.12			0.000	UPWARD
OS-MW-025B	427.76	25.10	2	408.12	406.12	407.12	6.48	414.47	0.01	0.002	DOWNWARD
OS-MW-025A	427.71	17.1	5	416.1	411.1	413.6		414.48			
OS-MW-026BR	427.47	132.2	25.2	320.9	295.7	308.3	42.10	414.78	0.08	0.002	DOWNWARD
OS-MW-026C	427.49	80	5	352.9	347.9	350.4	39.00	414.86	0.07	0.002	DOWNWARD
OS-MW-026B	427.56	42.00	5	391.90	386.90	389.40	20.30	414.93	-0.78	-0.038	UPWARD
OS-MW-026A	427.52	20.7	5	412.2	407.2	409.7		414.15			
OS-MW-027BR	429.29	136.1	25.1	318.7	293.6	306.15	25.95	414.87	0.00	0.000	UPWARD
OS-MW-027C	430.07	100	3	333.6	330.6	332.1	11.70	414.87	-0.33	-0.028	UPWARD
OS-MW-027B	429.96	98.00	3	345.30	342.30	343.80	68.70	414.54	0.12	0.002	DOWNWARD
OS-MW-027A	429.83	21	5	415	410	412.5		414.66			
OS-MW-028BR	438.25	194	28	272.8	244.8	258.8	81.40	417.80	-2.81	-0.035	UPWARD
OS-MW-028C	438.33	101.2	5	342.7	337.7	340.2	23.00	414.99	-0.05	-0.002	UPWARD
OS-MW-028B	438.14	78.50	5	365.70	360.70	363.20	70.00	414.94	17.69	0.253	DOWNWARD
OS-MW-028A	438.29	10	5	435.7	430.7	433.2		432.63			
OS-MW-030BR	451.01	137.50	27	340.60	314.10	327.35	17.15	415.55	-0.22	-0.013	UPWARD
OS-MW-030D	451.57	110.00	5	347.00	342.00	344.50	18.90	415.33	-0.29	-0.015	UPWARD
OS-MW-030C	451.56	90.00	3	364.90	361.90	363.40	7.10	415.04	0.17	0.024	DOWNWARD
OS-MW-030B	451.41	82.40	2	371.50	369.50	370.50	69.70	415.21	23.13	0.332	DOWNWARD
OS-MW-030A	451.61	16	5	442.7	437.7	440.2		438.34			
OS-MW-031BR	427.29	63	27	391.8	364.8	378.3	27.45	414.09	0.15	0.005	DOWNWARD
OS-MW-031B-RE	427.21	24.00	5	408.25	403.25	405.75	8.10	414.24	-0.34	-0.042	UPWARD
OS-MW-031A-RE	427.17	16	5	416.35	411.35	413.85		413.90			
OS-MW-032C	428.52	113	10	325.821	315.821	320.821	28.20	414.60	0.11	0.004	DOWNWARD
OS-MW-032B	428.61	85.00	10	354.02	344.02	349.02	66.41	414.71	0.36	0.005	DOWNWARD
FS-MW-4	428.7	18.8	10	420.43	410.43	415.43		415.07			
OS-MW-033C	455.22	105	5	355.555	350.555	353.055	12.72	415.26	0.15	0.012	DOWNWARD
OS-MW-033B	454.89	92.00	5	368.28	363.28	365.78	84.86	415.41	35.43	0.417	DOWNWARD
OS-MW-033A	454.74	6	3	452.141	449.141	450.641		450.84			
OS-MW-036B	454.29	52.00	10	414.71	404.71	409.71	36.38	422.74	21.28	0.585	DOWNWARD
OS-MW-036A	454.15	11	5	448.594	443.594	446.094		444.02			
OS-MW-041B	426.95	38.00	5	394.55	389.55	392.05	20.15	414.77	-0.86	-0.043	UPWARD
OS-MW-041A	427.28	18	5	414.7	409.7	412.2		413.91			
OS-MW-047C	460.32	117.00	5	348.87	343.87	346.37	21.97	417.81	-0.31	-0.014	UPWARD
OS-MW-047B	460.18	95	5	370.84	365.84	368.34		417.50			
OS-MW-049C	431.61	85.00	10	357.07	347.07	352.07	26.00	414.61	-0.16	-0.006	UPWARD
OS-MW-049B	432.74	60	10	383.07	373.07	378.07		414.45			
OS-MW-050C	430.19	108.00	10	332.73	322.73	327.73	37.61	414.44	-0.16	-0.004	UPWARD
OS-MW-050B	429.96	70	10	370.34	360.34	365.34		414.28			
OS-MW-051C	431.03	140.00	25	316.80	291.80	304.30	52.15	414.34	0.12	0.002	DOWNWARD
OS-MW-051B	430.95	80	10	361.45	351.45	356.45		414.46			
OS-MW-052C	432.64	142.00	15	302.93	287.93	295.43	21.39	414.98	-0.55	-0.026	UPWARD
OS-MW-052B	431.67	118	10	321.82	311.82	316.82		414.43			
OS-MW-053C	431.2	148.00	10	290.89	280.89	285.89	25.83	415.05	-0.48	-0.019	UPWARD
OS-MW-053B	431.06	122	10	316.72	306.72	311.72		414.57			
OS-MW-054C	429.53	142.00	10	297.80	287.80	292.80	52.18	414.53	0.22	0.004	DOWNWARD
OS-MW-054B	429.56	90	10	349.98	339.98	344.98		414.75			
OS-MW-055D	428.61	120.00	10	318.61	308.61	313.61	33.92	414.49	0.04	0.001	DOWNWARD

Table 6
Estimated Groundwater Horizontal and Vertical Hydraulic Gradients
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



WELL CONSTRUCTION INFORMATION								1-Dec-2020			
WELL DESIGNATION	TOC ELEVATION (ft ASL)	TOTAL DEPTH (ft below TOC)	SCREEN LENGTH (ft)	SCREEN TOP ELEVATION (ft msl)	SCREEN BOTTOM ELEVATION (ft msl)	MIDSCREEN ELEVATION (ft msl)	VERTICAL DISTANCE (ft)	GROUND WATER ELEVATION (ft msl)	HEAD CHANGE (ft)	VERTICAL GRADIENT (ft/ft)	POTENTIAL FLOW DIRECTION
OS-MW-055C	428.53	86	10	352.53	342.53	347.53		414.53			
OS-MW-056C	427.55	103.00	10	338.42	328.42	333.42	44.81	414.48	-0.06	-0.001	UPWARD
OS-MW-056B	428.01	55.5	10	383.23	373.23	378.23		414.42			
OS-MW-057C	427.27	114.00	10	323.67	313.67	318.67	50.09	414.24	-0.06	-0.001	UPWARD
OS-MW-057B	427.27	64	10	373.76	363.76	368.76		414.18			
OS-MW-058C	426.42	60.00	10	347.13	337.13	342.13	24.68	413.94	0.12	0.005	DOWNWARD
OS-MW-058B	426.46	91	10	371.81	361.81	366.81		414.06			
OS-MW-059C	463.79	178.00	10	296.12	286.12	291.12	31.80	417.54	0.29	0.009	DOWNWARD
OS-MW-059B	463.66	146	10	327.92	317.92	322.92		417.83			
OS-MW-061D	467.89	197	10	280.53	270.53	275.53	21.03	417.87	0.00	0.000	UPWARD
OS-MW-061C	467.88	176.00	10	301.56	291.56	296.56	50.57	417.87	0.11	0.002	DOWNWARD
OS-MW-061B	467.85	126	10	352.13	342.13	347.13		417.98			

Notes:
msl - mean sea level
ft - feet

Table 7
Summary of Estimated Seepage Velocities
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Hydrogeological Unit (HGU)	Well Designation	Groundwater Elevation (ft msl)	Linear Distance (ft)	Horizontal Gradient (ft/ft)	Average K (ft/day)	v (ft/day)	HGU Average v (ft/day)
Shallow Sand and Gravel	OS-MW-033A	450.84	668	0.040661	2.80E+01	11.39	7.8
	JS-MW-003A	423.69					
	JS-MW-003A	423.69	128	0.066775	2.80E+01	18.70	
	JS-MW-001A	415.17					
	JS-MW-001A	415.17	372	0.003389	2.80E+01	0.95	
	OS-MW-041A	413.91					
	OS-MW-041A	413.91	316	0.000855	2.80E+01	0.24	
	FS-MW-12A	413.64					
Deep Sand and Gravel	OS-MW-061B	417.98	1272	0.002178	3.07E+01	0.67	0.3
	OS-MW-030B	415.21					
	OS-MW-030B	415.21	405	0.000470	3.07E+01	0.14	
	JS-MW-003B	415.02					
	JS-MW-003B	415.02	465	0.000537	3.07E+01	0.16	
	OS-MW-041B	414.77					
	OS-MW-041B	414.77	305	0.001213	3.07E+01	0.37	
	FS-MW-12B	414.40					
	JS-MW-003B	415.02	710	0.000874	3.07E+01	0.27	
	FS-MW-12B	414.40					

Notes:

Seepage velocity equation: $v = K \cdot i / n$

K - hydraulic conductivity

v - seepage velocity

i - horizontal gradient

n - effective porosity of 0.1

ft - feet

ft msl - feet above mean sea level

HGU - hydrogeological unit

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
SOIL															
PFO09/1686343	JS-B-004(0-2")	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-B-004(2-12")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-B-005(0-2")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-B-005(2-12")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-B-003(0-2")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-B-003(2-12")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-SS-002(10-12")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-SS-002(12-24")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-SS-001(0-2")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	JS-SS-001(2-12")(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
	FB-001(07212016)	7/21/2016	X		X	X	X	X	X	X	X	X			
TB-001(07212016)	7/21/2016			X											
PFO23/1692677	JS-B-003(9-11)(08082016)	8/8/2016	X		X	X	X	X	X	X	X	X			
	JS-B-003(15-17)(08082016)	8/8/2016	X		X	X	X	X	X	X	X	X			
PFO28/1694825	JS-FB-006(08112016)	8/11/2016	X		X	X	X	X	X	X	X	X			
	JS-B-003(85-87)(08112016)	8/11/2016	X			X	X	X	X	X	X	X			
	JS-B-002(6-7)(08112016)	8/11/2016	X												
	JS-B-002(6-8)(08112016)	8/11/2016			X	X	X	X	X	X	X	X			
	JS-B-002(9-10)(08112016)	8/11/2016	X		X	X	X	X	X	X	X	X			
	JS-B-003(86-87)(08112016)	8/11/2016			X										
	JS-FB-007(08122016)	8/12/2016	X		X	X	X	X	X	X	X	X			
PFO30/1696851	JS-B-002(60-64)(08122016)	8/12/2016	X		X	X	X	X	X	X	X	X			
	FB-008(08162016)	8/16/2016	X		X	X	X	X	X	X	X	X			
PFO31/1696901	JS-B-001(18'-19')(08162016)	8/16/2016	X		X										
	JS-B-001(18'-20')(08162016)	8/16/2016	X			X	X	X	X	X	X	X			
	JS-B-001(60'-64')(08162016)	8/16/2016	X		X	X	X	X	X	X	X	X			
	JS-B-001(76'-76.5')(08172016)	8/17/2016	X												
PFO33/1699014	JS-EB-009(08172016)	8/17/2016	X		X	X	X	X	X	X	X	X			
	JS-B-004(10-11)(08172016)	8/17/2016			X										
	JS-B-004(10-12)(08172016)	8/17/2016	X			X	X	X	X	X	X	X			
	JS-B-005(11'-12')(082332016)	8/23/2016	X		X	X	X	X	X	X	X	X			
PFO45/1708040	JS-B-005(11'-12')(082332016)-MS	8/23/2016	X		X	X	X	X	X	X	X	X			
	JS-B-005(11'-12')(082332016)-MSD	8/23/2016	X		X	X	X	X	X	X	X	X			
	JS-B-005(11'-12')(082332016)DUP	8/23/2016				X	X					X			
	JS-EB-010(08232016)	8/23/2016	X		X	X	X	X	X	X	X	X			
	OS-B-024(0-2")(09132016)	9/13/2016	X		X	X	X	X	X	X	X	X			
PFO45/1708040	OS-B-024(2"-12")(09132016)	9/13/2016	X		X	X	X	X	X	X	X	X			
	OS-DUP-004(09132016) (OS-B-024(2"-12"))	9/13/2016			X	X	X	X		X	X				
	OS-EB-019(09132016)	9/13/2016	X		X	X	X		X	X	X	X			
	OS-B-026(0-2")(09222016)	9/22/2016	X						X			X			
PFO54/1712776	OS-B-026(2"-12")(09222016)	9/22/2016	X						X			X			
	OS-B-025(0-2")(09222016)	9/22/2016	X		X	X	X	X	X	X	X	X			
	OS-B-025(2"-12")(09222016)	9/22/2016	X		X	X	X	X	X	X	X	X			
	OS-B-027(0"-2")(09262016)	9/26/2016	X					X				X			
PFO66/1717739	OS-B-027(2"-12")(09262016)	9/26/2016	X					X				X			
	OS-B-028(3'-5")(09262016)	9/26/2016	X		X	X	X	X	X	X	X	X			
	OS-B-028(5'-12")(09262016)	9/26/2016	X		X	X	X	X	X	X	X	X			
	OS-EB-022(09262016)	9/26/2016	X		X	X	X	X	X	X	X	X			
	OS-APS-EB-016(09292016)	9/29/2016	X												
PFO69/1719282	OS-APS-TB-008(09302016)	9/30/2016			X										
	OS-EB-026(09302016)	9/30/2016	X		X	X	X	X	X	X	X	X			
	OS-B-024(4-6)(09302016)	9/30/2016	X		X										
	OS-B-024(6-8)(09302016)	9/30/2016	X		X	X	X	X	X	X	X	X			
	OS-B-028(6-8)(10062016)	10/6/2016	X		X	X	X	X	X	X	X	X			
PFO70/1720853	OS-B-028(12-16)(10062016)	10/6/2016	X		X	X	X	X	X	X	X	X			
	OS-EB-028(10062016)	10/6/2016	X		X	X	X	X	X	X	X	X			
	OS-B-025(11'-13')(10112016)	10/11/2016	X		X	X	X	X	X	X	X	X			
PFO94/1738577	OS-B-026(9'-10')(10112016)	10/11/2016	X						X			X			
	OS-EB-028(10112016)	10/11/2016	X		X	X	X	X	X	X	X	X			
	OS-B-027(4'6")(10132016)	10/13/2016	X						X			X			
PFO95/1738578	OS-EB-029(10132016)	10/13/2016	X						X			X			
	OS-B-030(11.7-13.7)(11152016)	11/15/2016	X		X	X									
PFO97/1739786	OS-B-030(13.7-15)(11152016)	11/15/2016	X		X	X									
	OS-EB-031(11152016)	11/15/2016	X		X	X									
	JS-B-006(18-19)(11292016)	11/29/2016			X							X			
PFO99/1739176	JS-B-010(15-17)(11292016)	11/29/2016			X							X			
	JS-B-011(15-17)(11292016)	11/29/2016			X							X			
	JS-B-TB-002(11292016)	11/29/2016			X										
	JS-EB-001(11292016)	11/29/2016			X										
R1803085	OS-B-031(11292016)(15-17')	11/29/2016	X						X						
	OS-EB-032(11292016)	11/29/2016	X						X			X			
	JS-B-007(6-7)(11302016)	11/30/2016			X							X			
	JS-B-007(17-18)(11302016)	11/30/2016			X							X			
	JS-B-009(11-12)(11302016)	11/30/2016			X							X			
	JS-B-012(12-14)(11302016)	11/30/2016			X							X			
	JS-B-012(12-14)(11302016) MS	11/30/2016			X										
	JS-B-012(12-14)(11302016) MSD	11/30/2016			X										
R1803138	JS-B-012(12-14)(11302016) DUP	11/30/2016										X			
	JS-EB-002(11302016)	11/30/2016			X										
	TB-002(11302016)	11/30/2016			X										
	JS-B-008(5-7)(12012016)	12/1/2016			X							X			
	JS-B-008(18-19)(12012016)	12/1/2016			X							X			
480-133677-1	DUP-001(12012016) (JS-B-008(5-7))	12/1/2016			X							X			Sample selected for TOP Assay; see R1806389
	TB-003(12012016)	12/1/2016			X										
	JS-EB-003(12012016)	12/1/2016			X										
	JS-B-019 (16-17)(04042018)	4/4/2018	X												
	JS-B-018 (19-20)(04042018)	4/4/2018													

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes	
	TB04102018 EB04092018 JS-B-015(6-7)(04102018) JS-B-015(5.5-7.5)(04102018) JS-B-015(15-17)(04102018) DUP04102018 (JS-B-015(15-17))	4/9/2018 4/9/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018			X X X X X				X X X X			X X X X			Split Sample	
480-133994-1	JS-B-028 (5-7)(04102018) JS-B-029 (16-18)(04102018) JS-B-029 (16-18)(04102018) MS JS-B-029 (16-18)(04102018) MSD EB04102018 TB04112018 JS-B-033 (15-16)(04112018) JS-B-033 (14-16)(04112018)	4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/3/2018 4/11/2018 4/11/2018			X X X X X X X			X X X X X			X X					
R1803266	JS-B-015 (15-17) (04102018) JS-B-015(5.5-7.5)(04102018) JS-B-022 (14.7-16.7)(04102018) JS-B-028 (5-7) (04102018) JS-B-029 (16-18) (04102018) JS-B-029 (16-18) (04102018) MS JS-B-029 (16-18) (04102018) MSD DUP04102018 (JS-B-015 (15-17)) EB04102018 JS-B-033 (14-16) (04112018) JS-B-031 (15-17) (04112018)	4/10/2018 4/10/2018 4/9/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/10/2018 4/11/2018 4/11/2018	X X X X X X X X X X X													
480-134070-1	JS-B-031 (15-17)(04112018) EB04112018 JS-B-030(16-18)(04122018) DUP(04122018) (JS-B-030(16-18)) TB04122018 JS-B-032(9-11)(04112018)	4/11/2018 4/11/2018 4/12/2018 4/12/2018 4/12/2018 4/11/2018			X X X X X				X X X X X			X X X X				
PFP43/1932081	JS-B-033(14-16)(04112018) EB04112018 JS-B-034(14-16)(04122018) EB04122018	4/11/2018 4/11/2018 4/12/2018 4/12/2018	X X X X													Split Sample
480-134153-1	JS-B-034(14-16)(04122018) JS-B-035(16-18)(04122018) EB04122018 TB04122018	4/12/2018 4/12/2018 4/12/2018 4/12/2018			X X X X				X X X			X X X				
R1803338	EB04112018 JS-B-030(16-18)(04122018) DUP(04122018)(JS-B-030(16-18)) JS-B-034(14-16)(04122018) JS-B-035(16-18)(04122018) EB04122018 JS-B-032(9-11)(04112018)	4/11/2018 4/12/2018 4/12/2018 4/12/2018 4/12/2018 4/12/2018 4/11/2018	X X X X X X X													
480-134349-1	JS-B-038 (14-16) (04172018) JS-B-037 (15-17) (04172018) JS-B-038 (14-15) (04172018) JS-B-037 (15-16) (04172018) TB04172018	4/17/2018 4/17/2018 4/17/2018 4/17/2018 4/17/2018			X X X				X X			X X				
480-134430-1	EB04172018 JS-B-041 (16-18) (04182018) JS-B-036 (18-19) (04182018) JS-B-036 (14-15) (04182018) JS-B-036 (19-20) (04182018) TB04182018	4/18/2018 4/18/2018 4/18/2018 4/18/2018 4/18/2018 4/18/2018			X X X X X				X X X			X X X				
R1803511	JS-B-037 (15-17) (04172018) JS-B-038 (14-16) (04172018) EB04172018 JS-B-041 (16-18) (04182018) JS-B-036 (17-19) (04182018) JS-B-036 (14-15) (04182018) JS-B-036 (19-20) (04182018)	4/17/2018 4/17/2018 4/18/2018 4/18/2018 4/18/2018 4/18/2018 4/18/2018	X X X X X X X													
480-134509-1	EB04182018 TB04182018 JS-B-043 (10-12) (04182018) JS-B-044 (18-19) (04182018) JS-B-044 (18-19) (04182018) MS JS-B-044 (18-19) (04182018) MSD JS-B-044 (17-19) (04182018) JS-B-044 (17-19) (04182018) MS JS-B-044 (17-19) (04182018) MSD	4/18/2018 4/18/2018 4/18/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018			X X X X X X				X X X X			X X X X				
480-134614-1	JS-B-046 (12-14) (04192018) JS-B-047 (4-6) (04192018) JS-B-047 (10-12) (04192018) EB04192018 JS-B-039 (12-13) (04202018) JS-B-039 (13-14) (04202018) JS-B-039 (13-15) (04202018) JS-B-039 (19-20) (04202018) EB04202018 TB04202018	4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/20/2018 4/20/2018 4/20/2018 4/20/2018 4/20/2018 4/20/2018			X X X X X X X X X	X X	X		X X X X			X X X X pH/Ign X pH/Ign				
R1803616	JS-B-043 (10-12) (04182018) EB04182018 JS-B-044 (17-19) (04182018) JS-B-044 (17-19) (04182018) MS JS-B-044 (17-19) (04182018) MSD JS-B-046 (12-14) (04192018) JS-B-047 (10-12) (0419218) JS-B-047 (4-6) (04192018) EB04192018 JS-B-039 (12-13) (04202018) JS-B-039 (13-15) (04202018) JS-B-039 (19-20) (04202018) EB04192018	4/18/2018 4/18/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/20/2018 4/20/2018 4/20/2018 4/20/2018	X X X X X X X X X X X X X													
R1803619	JS-B-043 (10-12) (04182018) JS-B-044 (17-19) (04182018) JS-B-044 (17-19) (04182018) MS JS-B-044 (17-19) (04182018) MSD JS-B-046 (12-14) (04192018) JS-B-047 (10-12) (0419218) JS-B-047 (4-6) (04192018) EB04192018 JS-B-039 (12-13) (04202018) JS-B-039 (13-15) (04202018) JS-B-039 (19-20) (04202018)	4/18/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/19/2018 4/20/2018 4/20/2018 4/20/2018 4/20/2018														Held For TOP Assay Sample selected for TOP Assay; see R1806389 Held For TOP Assay Held For TOP Assay Held For TOP Assay Held For TOP Assay Sample selected for TOP Assay; see R1806389 Held For TOP Assay Sample selected for TOP Assay; see R1806389 Held For TOP Assay
480-134765-1	JS-B-048 (10-11) (04232018) JS-B-048 (10-12) (04232018) JS-B-049 (15-16) (04232018) JS-B-049 (14-16) (04232018) EB04232018 JS-B-050 (13-14) (04242018)	4/23/2018 4/23/2018 4/23/2018 4/23/2018 4/23/2018 4/24/2018			X X X X				X X X X			X X X X				

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
R1803695	JS-B-048 (10-12) (04232018)	4/23/2018	X												
	JS-B-049 (14-16) (04232018)	4/23/2018	X												
	EB04-232018	4/23/2018	X												
	JS-B-050 (13-14) (04242018)	4/24/2018	X												
R1803696	JS-B-048 (10-12) (04232018)	4/23/2018													Held For TOP Assay
	JS-B-049 (14-16) (04232018)	4/23/2018													Held For TOP Assay
	JS-B-050 (13-14) (04242018)	4/24/2018													Held For TOP Assay
480-134854-1	JS-B-053 (13-14) (04242018)	4/24/2018			X				X			X			
	EB04242018	4/24/2018			X				X			X			
	JS-B-054 (11-12) (04252018)	4/25/2018			X										
	JS-B-054 (10-12) (04252018)	4/25/2018							X			X			
	TB04252018	4/25/2018			X										
	EB04252018	4/25/2018			X				X			X			
R1803759	JS-B-053 (13-14) (04242018)	4/24/2018	X												
	JS-B-054 (10-12) (04252018)	4/25/2018	X												
	EB04242018	4/24/2018	X												
	EB04252018	4/25/2018	X												
R1803760	JS-B-053 (13-14) (04242018)	4/24/2018													Held For TOP Assay
	JS-B-054 (10-12) (04252018)	4/25/2018													Held For TOP Assay
480-135186-1	JS-B-052 (8-9) (04302018)	4/30/2018			X										
	JS-B-052 (8-10) (04302018)	4/30/2018							X			X			
	JS-B-044 (18-19) (04302018)	4/30/2018				X	X					X			
	JS-B-052 (10-12) (04302018)	4/30/2018			X				X			X			
	EB04302018	4/30/2018			X	X	X		X			pH/Ign			
	TB04302018	4/30/2018			X										
R1803942	JS-B-055 (5-70) (05012018)	5/1/2018			X										
	JS-B-052 (8-10) (04302018)	4/30/2018	X												
	JS-B-052 (10-12) (04302018)	4/30/2018	X												
	EB04302018	4/30/2018	X												
R1803943	JS-B-055 (5-7) (05012018)	5/1/2018	X												
	JS-B-052 (8-10) (04302018)	4/30/2018													
	JS-B-052 (10-12) (04302018)	4/30/2018													
	JS-B-055 (5-7) (05012018)	5/1/2018													
480-135288-1	JS-B-056 (8.5-9.5) (05012018)	5/1/2018			X				X			X			
	JS-B-056 (9.5-10) (05012018)	5/1/2018			X				X			X			
	JS-B-056 (10-11) (05012018)	5/1/2018			X				X			X			
	JS-B-056 (44-44.5) (05012018)	5/1/2018			X							X			
	JS-B-057 (10-10.5) (05012018)	5/1/2018			X				X			X			
	JS-B-057 (10.5-11) (05012018)	5/1/2018			X				X			X			
	JS-B-057 (11-12) (05012018)	5/1/2018			X				X			X			
	JS-B-057 (42-44) (05012018)	5/1/2018			X				X			X			
	DUP (42-44) (05012018) JS-B-057 (42-44)	5/1/2018			X				X			X			
	EB05012018	5/2/2018			X				X			X			
	TB05012018	5/2/2018			X										
	JS-B-058 (10-10.25) (05022018)	5/2/2018			X										
	JS-B-058 (10.25-12) (05022018)	5/2/2018			X				X			X			
	JS-B-058 (47.5-48) (05022018)	5/2/2018			X				X			X			
R1804011	JS-B-056 (8.5-9.5) (05012018)	5/1/2018	X												
	JS-B-056 (9.5-10) (05012018)	5/1/2018	X												
	JS-B-056 (10-11) (05012018)	5/1/2018	X												
	JS-B-057 (10-10.5) (05012018)	5/1/2018	X												
	JS-B-057 (10.5-11) (05012018)	5/1/2018	X												
	JS-B-057 (11-12) (05012018)	5/1/2018	X												
	JS-B-057 (42-44) (05012018)	5/1/2018	X												
	DUP (42-44) (05012018) JS-B-057 (42-44)	5/1/2018	X												
	EB05012018	5/1/2018	X												
	JS-B-056 (44-44.5) (05012018)	5/1/2018	X												
	JS-B-058 (10-10.25) (05022018)	5/2/2018	X												
	JS-B-058 (10.25-12) (05022018)	5/3/2018	X												
JS-B-058 (47.5-48) (05022018)	5/4/2018	X													
R1804012	JS-B-056 (8.5-9.5) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-056 (9.5-10) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-056 (10-11) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-057 (10-10.5) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-057 (10.5-11) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-057 (11-12) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-057 (42-44) (05012018)	5/1/2018													Held For TOP Assay
	DUP (42-44) (05012018) JS-B-057 (42-44)	5/1/2018													Held For TOP Assay
	JS-B-056 (44-44.5) (05012018)	5/1/2018													Held For TOP Assay
	JS-B-058 (10-10.25) (05022018)	5/1/2018													Held For TOP Assay
	JS-B-058 (10.25-12) (05022018)	5/1/2018													Held For TOP Assay
JS-B-058 (47.5-48) (05022018)	5/2/2018													Held For TOP Assay	
480-135362-1	JS-B-059 (4-6)(05022018)	5/2/2018			X				X			X			
	JS-B-060(10-12)(05022018)	5/2/2018			X				X			X			
	JS-B-061(12-14)(05022018)	5/2/2018			X				X			X			
	EB05022018	5/3/2018							X						
	TB05032018	4/3/2018													
	DUP(12-14)(05022018) JS-B-061(12-14)	5/2/2018			X				X			X			
R1804101	JS-B-059(4-6)(05020018)	5/2/2018	X												
	JS-B-060(10-12)(05022018)	5/2/2018	X												
	JS-B-061(12-14)(05022018)	5/2/2018	X												
	DUP(12-14)(05022018) JS-B-061(12-14)	5/2/2018	X												
	EB(05022018)	5/3/2018	X												
R1804102	JS-B-059 (4-6)(05022018)	5/2/2018													Held For TOP Assay
	JS-B-060(10-12)(05022018)	5/2/2018													Held For TOP Assay
	JS-B-061(12-14)(05022018)	5/2/2018													Held For TOP Assay
	DUP(12-14)(05022018) JS-B-061(12-14)	5/2/2018													Held For TOP Assay
PFP44/1940116	JS-B-056(8.5-9														

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
480-136208-1	JS-B-003BR(141-142)(05162018)	5/16/2018			X				X			X			Held For TOP Assay
R1804684	JS-B-001BR(42.5-43.6)(05212018)	5/21/2018													
R1804685	JS-B-001BR(42.5-43.6)(05212018)	5/21/2018	X												
	EB (05212018)	5/21/2018	X												
480-136346-1	EB(05212018)	5/21/2018			X				X						
	JS-B-001BR(42.5-43.6)(05212018)	5/21/2018			X				X			X			
480-136520-1	OS-B-026BR(81.5-82.5)(05232018)	5/23/2018			X				X			X			
	EB(05232018)	5/23/2018			X				X						
480-136520-2	OS-B-026BR(81.5-82.5)(05232018)	5/23/2018	X												
	EB(05232018)	5/23/2018	X												
R1806389	JS-B-019 (16-17)(04042018)	4/4/2018		X											Sample selected for TOP Assay
	JS-B-044 (17-19) (04182018)	4/19/2018		X											Sample selected for TOP Assay
	JS-B-047 (4-6) (04192018)	4/19/2018		X											Sample selected for TOP Assay
	JS-B-039 (13-15) (04202018)	4/20/2018		X											Sample selected for TOP Assay
	JS-B-055 (5-7) (05012018)	5/1/2018		X											Sample selected for TOP Assay
480-138700-1	SAN-05-04 (6-8) (07102018)	7/10/2018			X	X	X		X			X			Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane PFAS data moved to "-2" - EO 180829 Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane
	DUP (6-8) (07102018) (SAN-05-04 (6-8))	7/10/2018			X	X	X		X			X			
	EB07102018	7/10/2018			X	X			X			X			
	TB07112018	7/11/2018			X										
480-138700-2	SAN-05-04 (6-8) (07102018)	7/10/2018	X												
	DUP (6-8) (07102018) (SAN-05-04 (6-8))	7/10/2018	X												
480-138812-1	SAN-01-04(6-8)(07112018)	7/11/2018			X	X	X	X	X	X	X	X		X	
	DUP(6-8)(07112018) (SAN-01-04(6-8))	7/11/2018				X	X	X		X	X			X	
	SAN-01-10(7-9)(07112018)	7/11/2018			X	X			X			X			
	EB(07112018)	7/11/2018			X	X	X	X	X	X	X	X		X	
	TB(07122018)	7/12/2018			X										
480-138812-2	SAN-01-04(6-8)(07112018)	7/11/2018	X												Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane
	DUP(6-8)(07112018) (SAN-01-04(6-8))	7/11/2018													Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane
	SAN-01-10(7-9)(07112018)	7/11/2018	X												
	EB(07112018)	7/11/2018	X												Other = Alkalinity - Carbonate & Bicarbonate, Chloride & Sulfate/SVOCs includes 1,4-dioxane
480-138904-1	JS-SS-005A (1"-3") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005A (3"-12") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-B-005A (12"-36") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005B (1"-3") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005B (3"-12") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-B-005B (12"-36") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005C (0"-2") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005C (2"-12") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-B-005C (12"-36") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005D (0"-2") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-SS-005D (2"-12") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-B-005 (12"-36") (07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	JS-B-005 (12"-36") (07132018)MS	7/13/2018				X									Metals = Cu Only
	JS-B-005 (12"-36") (07132018)MSD	7/13/2018				X									Metals = Cu Only
	JS-B-005D(12"-36")(07132018)	7/13/2018			X	X			X			X			Metals = Cu Only
	TB-01 (07132018)	7/13/2018			X										PFAS data moved to "-2" - EO 180829
	TB-02 (07132018)	7/13/2018			X										
	EB (07132018)	7/13/2018			X	X									Metals = Cu Only
	DUP (12"-36") (07132018)(JS-B-005(12"-36"))	7/13/2018				X			X			X			Metals = Cu Only
480-138904-2	JS-SS-005A (1"-3") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005A (3"-12") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-B-005A (12"-36") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005B (1"-3") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005B (3"-12") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-B-005B (12"-36") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005C (0"-2") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005C (2"-12") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-B-005C (12"-36") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005D (0"-2") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-SS-005D (2"-12") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-B-005 (12"-36") (07132018)	7/13/2018	X												Metals = Cu Only
	JS-B-005D(12"-36")(07132018)	7/13/2018	X												Metals = Cu Only
	EB (07132018)	7/13/2018	X												Metals = Cu Only
480-139066-1	JS-B-002A (7-9) (07162018)	7/16/2018			X	X			X			X			Metals = Cu Only
	JS-B-002 (8-10) (07162018)	7/16/2018			X	X			X			X			Metals = Cu Only
	EB07162018	7/17/2018			X	X			X			X			
	TB07172018	7/17/2018			X										
480-139066-2	JS-B-002A (7-9) (07162018)	7/16/2018	X												Metals = Cu Only
	JS-B-002 (8-10) (07162018)	7/16/2018	X												Metals = Cu Only
480-139067-1	SAN-07-10 (10'-12") (07172018)	7/17/2018			X	X	X		X			X		X	Other = Chloride & Sulfate
	SAN-07-04 (10'-12") (07172018)	7/17/2018			X	X	X		X			X		X	Other = Chloride & Sulfate
	TB07172018	7/17/2018			X										PFAS data moved to "-2" - EO 180829
480-139067-2	SAN-07-10 (10'-12") (07172018)	7/17/2018	X												
	SAN-07-04 (10'-12") (07172018)	7/17/2018	X												
480-139189-1	JS-B-002B(7-9)(07172018)	7/17/2018			X	X			X			X			Metals = Cu Only
	DUP(7-9)(07172018) (JS-B-002B(7-9))	7/17/2018				X									Metals = Cu Only
	JS-B-002C(6-8)(07172018)	7/17/2018			X	X			X			X			Metals = Cu Only
	JS-B-002C(6-8)(07172018)MS	7/17/2018				X									Metals = Cu Only
	JS-B-002C(6-8)(07172018)MSD	7/17/2018				X									Metals = Cu Only
	JS-B-002D(6-8)(07172018)	7/17/2018			X	X			X			X			Metals = Cu Only
	JS-SS-003A(2"-12")(07172018)	7/17/2018			X	X			X			X			Metals = Ni Only
	JS-B-003A(12"-36")(07172018)	7/17/2018			X	X			X			X			Metals = Ni Only
	DUP(12"-36")(07172018) (JS-B-003A(12"-36"))	7/17/2018			X	X			X			X			Metals = Ni Only
	JS-SS-003B(2"-12")(07172018)	7/17/2018			X	X			X			X			Metals = Ni Only
	JS-B-003B(12"-36")(07172018)	7/17/2018			X	X			X			X			Metals = Ni Only
	EB07172018	7/17/2018			X	X	X		X			X			Metals = Ni Only
	JS-SS-003C(2"-12")(07182018)	7/18/2018			X	X	X		X			X			Metals = Ni Only
	JS-B-003C(12"-36")(07182018)	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-SS-003D(2"-12")(07182018)	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003D(12"-36")(07182018)	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003D(12"-36")(07182018)MS	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003D(12"-36")(07182018)MSD	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003(12"-36")(07182018)	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003(12"-36")(07182018)MS	7/18/2018			X	X			X			X			Metals = Ni Only
	JS-B-003(12"-36")(07182018)MSD	7/18/2018			X	X			X			X			Metals = Ni Only
	EB07182018	7/18/2018			X	X			X			X			Metals = Ni Only
	TB-01-07182018	7/18/2018			X										
	TB-02-07182018	7/18/2018			X										
480-139189-2	JS-B-002B(7-9)(07172018)	7/17/2018	X												Metals = Cu Only
	JS-B-002C(6-8)(07172018)	7/17/2018	X												Metals = Cu Only
	JS-B-002D(6-8)(07172018)	7/17/2018	X												Metals = Cu Only
	JS-SS-003A(2"-12")(07172018)	7/17/2018	X												Metals = Ni Only
	JS-B-003A(12"-36")(07172018)	7/17/2018	X												Metals = Ni Only
	DUP(12"-36")(07172018) (JS-B-003A(12"-36"))	7/17/2018	X												Metals = Ni Only
	JS-SS-003B(2"-12")(07172018)	7/17/2018	X												Metals = Ni Only
	JS-B-003B(12"-36")(07172018)	7/17/2018	X												Metals = Ni Only
	EB07172018	7/17/2018	X												
	JS-SS-003C(2"-12")(07182018)	7/18/2018	X												Metals = Ni Only
	JS-B-003C(12"-36")(07182018)	7/18/2018	X												Metals = Ni Only

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York

[illegible]

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOC s	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	OS-B-037(0.7-0.85)(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-037(0.85-1.7)(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-037(4-5)(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	DUP-(4-5)(08292019) OS-B-037(4-5)(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-038(1-1.2)(08302019)	8/30/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-038(1.2-2)(08302019)	8/30/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-037(7-8)(08302019)	8/30/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-037(15-16)(08302019)	8/30/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-36-7-8(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-35-5-6(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only
OS-B-36-11-12(08292019)	8/29/2019			X			X	X			X			SVOC includes 1,4-dioxane only	
480-158438-2	OS-B-034(7-8)(08292019)	8/29/2019	X												
	OS-B-034(11-12)(08292019)	8/29/2019	X												
	OS-B-034(13-14)(08292019)	8/29/2019	X												
	OS-B-037(0.7-0.85)(08292019)	8/29/2019	X												
	OS-B-037(0.85-1.7)(08292019)	8/29/2019	X												
	OS-B-037(4-5)(08292019)	8/29/2019	X												
	DUP-(4-5)(08292019) OS-B-037(4-5)(08292019)	8/29/2019	X												
	OS-B-038(1-1.2)(08302019)	8/30/2019	X												
	OS-B-038(1.2-2)(08302019)	8/30/2019	X												
	OS-B-037(7-8)(08302019)	8/30/2019	X												
	OS-B-037(15-16)(08302019)	8/30/2019	X												
	OS-B-36-7-8(08292019)	8/29/2019	X												
OS-B-35-5-6(08292019)	8/29/2019	X													
OS-B-36-11-12(08292019)	8/29/2019	X													
	OS-B-039(2-3)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-033(0.6-1.5)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-034(0.5-0.6)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-034(0.6-1.5)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-035(0.5-0.6)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-035(0.6-1.5)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-036(0.4-0.5)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-036(0.5-1.4)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-038(9-10)(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	EB(09032019)	9/3/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	EB(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
TB(09042019)	9/4/2019			X											
480-158631-2	OS-B-039(0.3-0.4)(09032019)	9/3/2019	X												
	OS-B-039(0.34-1.3)(09032019)	9/3/2019	X												
	OS-B-033(0.5-0.6)(09032019)	9/3/2019	X												
	OS-B-039(2-3)(09032019)	9/3/2019	X												
	OS-B-033(0.6-1.5)(09032019)	9/3/2019	X												
	OS-B-034(0.5-0.6)(09032019)	9/3/2019	X												
	OS-B-034(0.6-1.5)(09032019)	9/3/2019	X												
	OS-B-035(0.5-0.6)(09032019)	9/3/2019	X												
	OS-B-035(0.6-1.5)(09032019)	9/3/2019	X												
	OS-B-036(0.4-0.5)(09032019)	9/3/2019	X												
	OS-B-036(0.5-1.4)(09032019)	9/3/2019	X												
	OS-B-038(9-10)(09032019)	9/3/2019	X												
	EB(09032019)	9/3/2019	X												
EB(09042019)	9/4/2019	X													
480-158726-1	OS-B-040(0.3-0.4)(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-040(0.4-1.3)(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-032(108-109)(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-032(111-112)(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-032(75-76)(09042019)	9/4/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	EB(09052019)	9/5/2019			X			X	X			X			SVOC includes 1,4-dioxane only
TB(09052019)	9/5/2019			X											
480-158726-2	OS-B-040(0.3-0.4)(09042019)	9/4/2019	X												
	OS-B-040(0.4-1.3)(09042019)	9/4/2019	X												
	OS-B-032(108-109)(09042019)	9/4/2019	X												
	OS-B-032(111-112)(09042019)	9/4/2019	X												
	OS-B-032(75-76)(09042019)	9/4/2019	X												
	EB(09052019)	9/5/2019	X												
480-158772-1	EB(09062019)	9/6/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	TB(09062019)	9/6/2019			X										
480-158772-2	EB(09062019)	9/6/2019	X												
480-158775-1	OS-B-033(87-88)(09062019)	9/6/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-033(108-109)(09062019)	9/6/2019			X			X	X			X			SVOC includes 1,4-dioxane only
480-158775-2	OS-B-033(87-88)(09062019)	9/6/2019	X												
	OS-B-033(108-109)(09062019)	9/6/2019	X												
480-158779-1	OS-B-039(8-9)(09052019)	9/5/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-039(10-11)(09052019)	9/5/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	DUP(09052019) OS-B-039(10-11)(09052019)	9/5/2019			X			X	X			X			SVOC includes 1,4-dioxane only
480-158779-2	OS-B-039(8-9)(09052019)	9/5/2019	X												
	OS-B-039(10-11)(09052019)	9/5/2019	X												
	DUP(09052019) OS-B-039(10-11)(														

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOC s	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
480-159461-1	OS-B-038(44-45)(09172019)	9/17/2019			X			X	X			X			SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-038(54-55)(09172019)	9/17/2019			X			X	X			X			
480-159461-2	OS-B-038(44-45)(09172019)	9/17/2019	X												
	OS-B-038(54-55)(09172019)	9/17/2019	X												
480-159462-1	OS-B-034(91-92)(09172019)	9/17/2019			X			X	X			X		X	SVOC includes 1,4-dioxane only. Other* = Total Solids.
480-159462-2	OS-B-034(91-92)(09172019)	9/17/2019	X												
480-159546-1	OS-B-040(8-9)(09182019)	9/18/2019			X			X	X			X		X	
	OS-B-040(10-11)(09182019)	9/18/2019			X			X	X			X		X	
	OS-B-040(14-15)(09182019)	9/18/2019			X			X	X			X		X	
	OS-B-040(16-17)(09182019)	9/18/2019			X			X	X			X		X	
	DUP(09182019) OS-B-040(14-15)(09182019	9/18/2019			X			X	X			X		X	
	TB(09182019)	9/18/2019			X										
480-159546-2	OS-B-040(8-9)(09182019)	9/18/2019	X												
	OS-B-040(10-11)(09182019)	9/18/2019	X												
	OS-B-040(14-15)(09182019)	9/18/2019	X												
	OS-B-040(16-17)(09182019)	9/18/2019	X												
	DUP(09182019) OS-B-040(14-15)(09182019	9/18/2019	X												
480-159575-1	OS-B-039(60-61)(09192019)	9/19/2019			X			X	X			X		X	SVOC includes 1,4-dioxane only. Other* = Total Solids SVOC includes 1,4-dioxane only. Other* = Total Solids SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-039(66-67)(09192019)	9/19/2019			X			X	X			X		X	
	OS-B-039(66-67)(09192019) MS	9/19/2019			X			X	X						
	OS-B-039(66-67)(09192019) MSD	9/19/2019			X			X	X						
480-159575-2	OS-B-039(60-61)(09192019)	9/19/2019	X												
	OS-B-039(66-67)(09192019)	9/19/2019	X												
	OS-B-039(66-67)(09192019) MS	9/19/2019	X												
	OS-B-039(66-67)(09192019) MSD	9/19/2019	X												
480-159576-1	OS-B-036(29-30)(09192019)	9/19/2019			X			X	X			X		X	SVOC includes 1,4-dioxane only. Other* = Total Solids SVOC includes 1,4-dioxane only. Other* = Total Solids SVOC includes 1,4-dioxane only. Other* = Total Solids
	OS-B-036(45-50)(09192019)	9/19/2019			X			X	X			X		X	
	OS-B-036(50-51)(09192019)	9/19/2019			X			X	X			X		X	
480-159576-2	OS-B-036(29-30)(09192019)	9/19/2019	X												
	OS-B-036(45-50)(09192019)	9/19/2019	X												
	OS-B-036(50-51)(09192019)	9/19/2019	X												
480-159745-1	OS-B-041(11-12)(09242019)	9/24/2019			X			X	X			X			SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-041(16-18)(09242019)	9/24/2019			X			X	X			X			
	OS-B-041(18-20)(09242019)	9/24/2019			X			X	X			X			
	OS-B-041(38-39)(09242019)	9/24/2019			X			X	X			X			
480-159745-2	OS-B-041(11-12)(09242019)	9/24/2019	X												
	OS-B-041(16-18)(09242019)	9/24/2019	X												
	OS-B-041(18-20)(09242019)	9/24/2019	X												
	OS-B-041(38-39)(09242019)	9/24/2019	X												
480-159765-1	OS-B-035(64-65)(09232019)	9/23/2019			X			X	X			X			SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-035(65-66)(09232019)	9/23/2019			X			X	X			X			
480-159765-2	OS-B-035(64-65)(09232019)	9/23/2019	X												
	OS-B-035(65-66)(09232019)	9/23/2019	X												
480-159880-1	OS-B-043(6-7)(09252019)	9/25/2019				X	X			X	X			X	TAL metals. Others = Grain Size (D422)
480-159899-1	OS-B-046(18-20)(09252019)	9/25/2019			X	X		X		X					TAL metals
480-159896-1	OS-B-043(6-7)(09252019)	9/25/2019			X							X			SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-043(7-8)(09252019)	9/25/2019			X			X	X			X			
	OS-B-043(8-9)(09252019)	9/25/2019			X			X	X			X			
	OS-B-043(45-46)(09252019)	9/25/2019			X			X	X			X			
480-159896-2	OS-B-043(7-8)(09252019)	9/25/2019	X												
	OS-B-043(8-9)(09252019)	9/25/2019	X												
	OS-B-043(45-46)(09252019)	9/25/2019	X												
480-159944-1	OS-B-042(8-9)(09262019)	9/26/2019			X	X	X	X/X	X	X	X	X		X	TAL metals. Others = Grain Size SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only SVOC includes 1,4-dioxane only
	OS-B-042(9-10)(09262019)	9/26/2019			X			X	X			X			
	OS-B-042(10-11)(09262019)	9/26/2019			X			X	X			X			
	OS-B-042(33-34)(09262019)	9/26/2019			X			X	X			X			
480-159944-2	OS-B-042(8-9)(09262019)	9/26/2019	X												
	OS-B-042(9-10)(09262019)	9/26/2019	X												
	OS-B-042(10-11)(09262019)	9/26/2019	X												
	OS-B-042(33-34)(09262019)	9/26/2019	X												
480-159948-1	OS-B-044(6-8)(09262019)	9/26/2019			X	X	X	X		X	X				
	OS-B-044(11-12)(09262019)	9/26/2019			X			X	X			X			
	OS-B-044(38-39)(09262019)	9/26/2019			X			X	X			X			
480-159948-2	OS-B-044(11-12)(09262019)	9/26/2019	X												
	OS-B-044(38-39)(09262019)	9/26/2019	X												
480-160165-1	OS-B-045(9-10)(09302019)	9/30/2019			X	X	X	X	X	X	X	X		X	TAL metals. Other = Grain Size.
	DUP-09302019 OS-B-045(9-10)(09302019)	9/30/2019				X	X			X	X				TAL metals
	OS-B-045(17.5-18)(09302019)	9/30/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-045(20-21)(10012019)	10/1/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	OS-B-045(39-40)(10012019)	10/1/2019			X			X	X			X			SVOC includes 1,4-dioxane only
	TB-10012019	10/1/2019			X										
480-160165-2	OS-B-045(9-10)(09302019)	9/30/2019	X												
	OS-B-045(17.5-18)(09302019)	9/30/2019	X												
	OS-B-045(20-21)(10012019)	10/1/2019	X												
	OS-B-045(39-40)(10012019)	10/1/2019	X												
480-160318-1	OS-B-047(0.6-0.8)(10022019)	10/2/2019			X			X	X			X			SVOC includes 1,4-dioxane only. SVOC includes 1,4-dioxane only. SVOC includes 1,4-dioxane only.
	OS-B-047(0.8-1.6)(10022019)	10/2/2019			X			X	X			X			
	OS-B-047(7-8)(10022019)	10/2/2019			X			X	X			X			
	TB(10022019)	10/2/													

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes		
480-164366-2	TB(12162019)-E1	12/16/2019			X										SVOC includes 1,4-dioxane only		
	EB(12162019)-E1	12/16/2019			X			X	X			X					
	OS-B-048(6-7)(12162019)-E1	12/16/2019	X														
	OS-B-048(9-10)(12162019)-E1	12/16/2019	X														
	DUP(12162019)-E1 OS-B-048(9-10)(12162019)-E1	12/16/2019	X														
	OS-B-048(12-13)(12162019)-E1	12/16/2019	X														
	OS-B-048(12-13)(12162019)-E1 MS	12/16/2019	X														
	OS-B-048(12-13)(12162019)-E1 MSD	12/16/2019	X												SCB - Stream Channel Boring		
	EB(12162019)-E1	12/16/2019	X														
	OS-SCB-1(14-16)(02032020)	2/3/2020			X			X									
	OS-SCB-1(14-16)(02032020) MS	2/3/2020			X			X									
	OS-SCB-1(14-16)(02032020) MSD	2/3/2020			X			X									
	OS-SCB-1(24-26.2)(02032020)	2/3/2020			X			X									
	OS-SCB-1(9-11)(02032020)	2/3/2020			X			X									
	OS-SCB-2(22-24)(02032020)	2/3/2020			X			X									
	OS-SCB-2(14-16)(02032020)	2/3/2020			X			X									
	OS-SCB-2(8-10)(02032020)	2/3/2020			X			X									
	OS-SCB-3(14-16)(02042020)	2/4/2020			X			X									
	OS-SCB-3(16-18)(02042020)	2/4/2020			X			X									
	OS-SCB-3(18-20)(02042020)	2/4/2020			X			X									
	OS-SCB-3(10-12)(02042020)	2/4/2020			X			X									
	OS-SCB-3(21-23)(02042020)	2/4/2020			X			X									
	EB(02032020)	2/3/2020			X			X									
	EB(02042020)	2/4/2020			X			X									
	TB(02032020)	2/3/2020			X												
	OS-SCB-4(8-10)(02042020)	2/4/2020			X			X									
	OS-SCB-4(18-20)(02042020)	2/4/2020			X			X									
	480-165970-1	OS-SCB-5(10-12)(02042020)	2/4/2020			X			X								
		OS-SCB-5(8-10)(02042020)	2/4/2020			X			X								
		OS-SCB-5(16-18)(02042020)	2/4/2020			X			X								
		OS-SCB-8(18.73-20.95)(02042020)	2/4/2020			X			X								
OS-SCB-8(20.95-23.12)(02042020)		2/4/2020			X			X									
OS-SCB-6(18.73-20.95)(02052020)		2/5/2020			X			X									
OS-SCB-6(20.95-23.12)(02052020)		2/5/2020			X			X									
DUP(02052020) OS-SCB-6(18.73-20.95)(02052020)		2/5/2020			X			X									
OS-SCB-7(24-25)(02052020)		2/5/2020			X			X									
460-203699-1	TB(02052020)	2/5/2020			X			X							EP = End Point (Normal) samples		
	JS-Culvert-EP-01 (02242020)	2/24/2020			X			X									
460-203777-1	JS-Culvert-EP-02 (02242020)	2/24/2020			X			X									
	JS-Culvert-EP-03 (02262020)	2/26/2020			X			X									
	JS-Culvert-EP-04 (02262020)	2/26/2020			X			X									
	JS-Culvert-EP-05 (02262020)	2/26/2020			X			X									
	JS-Culvert-EP-06 (02262020)	2/26/2020			X			X									
	JS-Culvert-EP-07 (02262020)	2/26/2020			X			X									
460-215937-1	JS-Culvert-EP-08 (02262020)	2/26/2020			X			X							SVOC only		
	OS-B-060(7-8)(08112020)	8/11/2020			X			X									
460-218877-1	OS-B-053(142-143)(09212020)	9/21/2020			X												
	OS-B-053(146-147)(09212020)	9/21/2020			X												
	TB(09212020)	9/21/2020			X												
	EB(09222020)	9/22/2020			X												
460-219182-1	TB(09232020)	9/23/2020			X												
	OS-B-052(121-122)(09232020)	9/23/2020			X												
	OS-B-052(124-125)(09232020)	9/23/2020			X												
	OS-B-052(138-139)(09232020)	9/23/2020			X												
	OS-B-052(137-138)(09232020)	9/23/2020			X												
	OS-B-052(140-141)(09242020)	9/24/2020			X												
460-219736-1	EB(09242020)	9/24/2020			X												
	JS-TB(10012020)	10/1/2020			X												
	OS-B-051(119-120)(10012020)	10/1/2020			X												
	OS-B-051(119-120)(10012020) MS	10/1/2020			X												
	OS-B-051(119-120)(10012020) MSD	10/1/2020			X												
	OS-B-051(123-124)(10012020)	10/1/2020			X												
	OS-B-051(135-136)(10012020)	10/1/2020			X												
	OS-B-051(139-140)(10012020)	10/1/2020			X												
	JS-DUP-SO(10012020) OS-B-051(139-140)(10012020)	10/1/2020			X												
JS-EB(10012020)	10/1/2020			X													
GROUNDWATER																	
PFO20/1691038	JS-APS-EB-012(08032016)	8/3/2016	X														
	JS-APS-003(8.8)(08032016)	8/3/2016	X		X	X	X	X	X	X	X	X					
	JS-APS-003(8.8)(08032016)-MS	8/3/2016	X						X								
	JS-APS-003(8.8)(08032016)-MSD	8/3/2016	X														
	JS-APS-003(8.8)(08032016)-DUP	8/3/2016							X								
	JS-APS-EB-013(08032016)	8/3/2016	X														
	JS-APS-005(10.3)(08032016)	8/3/2016	X		X	X	X	X	X	X	X	X					
	JS-APS-DUP-002(08032016) (JS-APS-005(10.3))	8/3/2016	X						X								
	JS-APS-003(48.3)(08032016)	8/3/2016	X						X			X					
PFO21/1691691	TB-006(08032016)	8/3/2016			X												
	JS-APS-003(59.7)(08032016)	8/3/2016	X						X								
	JS-APS-003(74.7)(08042016)	8/4/2016	X						X			X					
	JS-APS-003(88.5)(08042016)	8/4/2016	X						X			X					
	JS-APS-005(55)(08042016)	8/4/2016	X						X			X					
	JS-APS-005(62.1)(08042016)	8/4/2016	X						X			X					
	JS-APS-002(7.4)(08042016)	8/4/2016	X		X	X	X	X	X	X	X	X					
PFO22/1691878	JS-APS-EB-014(08042016)	8/4/2016	X														
	TB-007(08042016)	8/4/2016			X												
	JS-APS-EB-015(08042016)	8/4/2016	X						X								
	JS-APS-005(112.2)(08042016)	8/4/2016	X														
PFO25/1693410	JS-APS-EB-016(08052016)	8/5/2016	X														
	JS-APS-002(47.4)(08052016)	8/5/2016	X						X			X					
	JS-APS-EB-018(08082016)	8/8/2016	X														
	JS-FB-005(08082016)	8/8/2016	X		X	X	X	X	X	X	X	X					
	JS-APS-EB-019(08082016)	8/8/2016	X														
PFO26/1694403	JS-APS-002(64.2)(08082016)	8/8/2016	X						X								

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	JS-APS-DUP-003(08102016) (JS-APS-001(76.9)) JS-APS-001(76.9)(08102016) JS-APS-EB-022(08102016)	8/10/2016 8/10/2016 8/10/2016	X X X						X X X			X			
PFO59/1714099	OS-APS-TB-008(092816) OS-APS-EB-015(092816) OS-APS-024(40.2)(092816) OS-EB-024(092816)	9/28/2016 9/28/2016 9/28/2016 9/28/2016	 X X X		X X X X	 X X X	 X X X	 X X X X	 X X X X	 X X X X	 X X X X	X X X X			
PFO62/1714914	OS-APS-028(89.9)(09292016) OS-APS-EB-016(09292016) OS-APS-TB-008(09302016)	9/29/2016 9/29/2016 9/30/2016	X X X		X X X	X X X			X X X			X X X			
PFO63/1715813	OS-APS-028(94.4)(10032016)	10/3/2016	X						X						
PFO64/1716354	OS-APS-EB-017(10042016) OS-APS-025(16.2)(10042016) OS-APS-025(21.8)(10042016) OS-APS-025(26.3)(10042016)	10/4/2016 10/4/2016 10/4/2016 10/4/2016	X X X X		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X			
PFO65/1717057	OS-APS-EB(10052016) OS-APS-026(15.2)(10052016) OS-APS-026(34.1)(10052016) OS-APS-026(50.4)(10052016) OS-APS-026(70.3)(10052016) OS-APS-TB-009(10052016)	10/5/2016 10/5/2016 10/5/2016 10/5/2016 10/5/2016 10/5/2016	X X X X X X		X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X	X X X X X X			
PFO67/1717746	OS-APS-EB-019(10062016) OS-APS-027(17.51)(10062016) OS-APS-027(105.7)(10062016) OS-APS-TB-010(10062016)	10/6/2016 10/6/2016 10/6/2016 10/6/2016	X X X X		X X X X	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X	X X X X			
PFP07/1751569	JS-MW-001B(01042017) JS-MW-002A(01042017) JS-MW-003C(01042017) JS-MW-004B(01042017) JS-MW-005A(01042017) MW-EB-001(01042017) MW-TB-001(01042017)	1/4/2017 1/4/2017 1/4/2017 1/4/2017 1/4/2017 1/4/2017 1/4/2017	X X X X X X X		X X X X X X X	X X X X X X X			X X X X X X X			X X X X X X X			TB contained in both PFP06 & PFP07
PFP09/1751717	OS-MW-031A(01062017) OS-MW-031A(01062017)-MS OS-MW-031A(01062017)-MSD OS-MW-031A(01062017)-DUP OS-MW-031B(01062017)	1/6/2017 1/6/2017 1/6/2017 1/6/2017 1/6/2017	X X X X X		X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X			
PFP31/1752398	MW-EB-003(01062017) MW-TB-002(01062017)	1/6/2017 11/10/2016	X X		X X	X X	X X	X X	X X	X X	X X	X X			
PFP10/1751724	OS-MW-028C(01062017)	1/6/2017	X		X	X			X			X			rev - 2/24/17 - multi-trial analyses
PFP11/1751725	OS-MW-025A(01062017) OS-MW-025C(01062017)	1/6/2017 1/6/2017	X X		X X	X X			X X			X X			
PFP12/1751726	OS-MW-026A(01062017) OS-MW-026B(01062017) MW-DUP-001 (OS-MW-026B)	1/6/2017 1/6/2017 1/6/2017	X X X		X X X	X X X			X X X			X X X			rev - 2/24/17 - multi-trial analyses
PFP13/1751727	OS-MW-024B(01062017)	1/6/2017	X		X	X			X			X			
PFP16/1752524	MW-EB-004(01092017) MW-TB-003(01092017)	1/9/2017 11/10/2016	X X		X X	X X			X X			X X			Associated with PFP16 - 21 Associated with PFP16 - 21
PFP17/1752525	OS-MW-025B(01092017)	1/9/2017	X		X	X			X			X			
PFP18/1752527	OS-MW-026C(01092017)	1/9/2017	X		X	X			X			X			
PFP19/1752528	OS-MW-028B(01092017)	1/9/2017	X		X	X			X			X			
PFP20/1752529	OS-MW-030B(01092017) OS-MW-030C(01092017)	1/9/2017 1/9/2017	X X		X X	X X			X X			X X			
PFP21/1752530	JS-MW-001A(01092017) MW-DUP-002(01092017) (JS-MW-001A)	1/9/2017 1/9/2017	X X		X X	X X			X X			X X			
PFP25/1753035	JS-MW-001C(01102017) JS-MW-003A(01102017) JS-MW-003A(01102017)-MS JS-MW-003A(01102017)-MSD JS-MW-003A(01102017)-DUP JS-MW-003B(01102017) JS-MW-004A(01102017) JS-MW-004C(01102017)	1/10/2017 1/10/2017 1/10/2017 1/10/2017 1/10/2017 1/10/2017 1/10/2017 1/10/2017	X X X X X X X X		X X X X X X X X	X X X X X X X X			X X X X X X X X			X X X X X X X X			
PFP26/1753036	OS-MW-027A(01102017) OS-MW-027B(01102017) OS-MW-027C(01102017)	1/10/2017 1/10/2017 1/10/2017	X X X		X X X	X X X			X X X			X X X			
PFP27/1753037	OS-MW-030D(01092017) OS-MW-030A(01102017)	1/9/2017 1/10/2017	X X		X X	X X			X X			X X			
PFP39/1753744	OS-MW-027A(01112017)	1/11/2017			X										
PFP41/1754235	OS-MW-027A(01112017)	1/11/2017			X										
480-135287-1	JS-MW-001A (05012018) JS-MW-001A (05012018)-MS JS-MW-001A (05012018)-MSD JS-MW-002A (05022018) JS-MW-003A (05022018) TB05022018	5/1/2018 5/1/2018 5/1/2018 5/2/2018 5/2/2018 5/2/2018	 X		X X X X X X	X X X X X X		X X X X X X						X X X X X X	Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide Dissolved Gases, Total & Dissolved Fe & Mn Only, Nitrate and Sulfide
R1804010	JS-MW-001A (05012018) JS-MW-002A (05022018) JS-MW-003A (05022018) JS-MW-004A (05022018)	5/1/2018 5/2/2018 5/2/2018 5/2/2018	X X X X												
57-018PE	JS-MW-001A (05012018) JS-MW-002A (05022018) JS-MW-003A (05022018) JS-MW-004A (05022018) JS-MW-005A (05022018) DUP(05022018) JS-MW-005A	5/1/2018 5/2/2018 5/2/2018 5/2/2018 5/2/2018 5/2/2018	 X											X X X X X X	Biological data (includes DHC, DHC FG, DBHt, MOB, SMMO).
480-135361-1	JS-MW-004A (05022108) JS-MW-005A (05022018) DUP(05022018) JS-MW-005A TB O5032018	5/2/2018 5/2/2018 5/2/2018 4/3/2018	 X		X X X X	X X X X			X X X X					X X X X	Metals are Filtered & Unfiltered; MNA includes Dissolved Gases, Nitrate, Nitrite, Sulfate & Sulfide
R1804103	JS-MW-005A (05022018) DUP (05022018) JS-MW-005A	5/2/2018 5/2/2018	X X												
480-136016-1	JS-TMW-050(05142018) JS-TMW-050(05142018)MS JS-TMW-050(05142018)MSD JS-TMW-053(05152018) JS-TMW-049(05152018) JS-TMW-039(05152018) JS-TMW-044(05152018) DUP(05152018) JS-TMW-039 JS-TMW-037(05162018) JS-TMW-038(05162018) TB05142018	5/14/2018 5/14/2018 5/14/2018 5/15/2018 5/15/2018 5/15/2018 5/15/2018 5/15/2018 5/16/2018 5/16/2018 5/14/2018	 X		X X X X X X X X X X X				X X X X X X X X X X X			X X X X X X X X X X X			
480-136016-2	JS-TMW-050(05142018) JS-TMW-050(05142018)MS JS-TMW-050(05142018)MSD JS-TMW-053(05152018) JS-TMW-049(05152018)	5/14/2018 5/14/2018 5/14/2018 5/15/2018 5/15/2018	X X X X X												

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes	
	JS-TMW-039(05152018)	5/15/2018	X													
	JS-TMW-044(05152018)	5/15/2018	X													
	DUP(05152018) JS-TMW-039	5/15/2018	X													
	JS-TMW-037(05162018)	5/16/2018	X													
	JS-TMW-038(05162018)	5/16/2018	X													
BHP98/1944650	JS-TMW-044(05152018)	5/15/2018	X												Split Sample	
BHP97/1944645	EB(05152018)	5/15/2018	X													
480-136120-1	JS-TMW-018(05162018)	5/16/2018			X				X			X				
	JS-TMW-033(05162018)	5/16/2018			X				X			X				
	TB05162018	5/16/2018			X											
480-136120-2	JS-TMW-018(05162018)	5/16/2018	X													
	JS-TMW-033(05162018)	5/16/2018	X													
480-136207-1	JS-TMW-036(05172018)	5/17/2018			X				X			X				
	TB(05172018)	5/17/2018			X											
480-136207-2	JS-TMW-036(05172018)	5/17/2018	X													
480-136431-1	JS-TMW-039(05232018)	5/23/2018			X			X		X	X					
480-136519-1	JS-TMW-030(05242018)	5/24/2018			X				X			X				
	JS-TMW-035(05242018)	5/24/2018			X				X			X			PFAS collected 05/24/18.	
	TB05242018	5/24/2018			X											
480-136519-2	JS-TMW-030(05242018)	5/24/2018	X													
	JS-TMW-035(05242018)	5/24/2018	X													
480-159900-1	OS-TMW-046(20-25)(09252019)	9/25/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	OS-TMW-046(30-35)(09252019)	9/25/2019			X	X		X	X			X		X	1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate	
480-159900-2	OS-TMW-046(20-25)(09252019)	9/25/2019	X													
	OS-TMW-046(30-35)(09252019)	9/25/2019	X													
480-159941-1	OS-TMW-044(120-130)(09272019)	9/27/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	OS-TMW-044(8-10)(09262019)	9/26/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	TB(09272019)	9/27/2019			X											
480-159941-2	OS-TMW-044(120-130)(09272019)	9/27/2019	X													
	OS-TMW-044(8-10)(09262019)	9/26/2019	X													
480-160170-1	OS-TMW-045(13-17)(09302019)	9/30/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	DUP-GW(09302019) OS-TMW-045(13-17)	9/30/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	EB-09302019	9/30/2019			X	X	X	X/X	X	X	X	X				Dissolved metals. CN = WAD, Total
	TB-1012019	10/1/2019			X											
480-160170-2	OS-TMW-045(13-17)(09302019)	9/30/2019	X													
	DUP-GW(09302019) OS-TMW-045(13-17)	9/30/2019	X													
	EB-09302019	9/30/2019	X													
480-160464-1	OS-TMW-045(102-107)(10012019)	10/1/2019			X	X		X	X			X		X		1,4-dioxane only. TAL metals, dissolved metals. Others = Alkalinity, Dissolved Chloride & Sulfate
	EB-10012019	10/1/2019			X			X	X			X			SVOC includes 1,4-dioxane only	
	TB-GW-10012019	10/1/2019			X											
480-160464-2	OS-TMW-045(102-107)(10012019)	10/1/2019	X													
	EB-10012019	10/1/2019	X													
480-160747-1	IRM-TW-005(10092019)	10/9/2019			X				X					X		Other = Methane, Ethane, Ethene / In-Lab
	JS-MW-003A(10092019)	10/9/2019			X				X			X		X		Other = Methane, Ethane, Ethene / In-Lab
	JS-MW-003B(10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	JS-MW-002A(10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	IRM-TW-006(10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	DUP(10092019) JS-MW-003A(10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	OS-MW-031A (10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	OS-TMW-043A (10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	EB(10092019)	10/9/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
	TB(10092019)	10/9/2019			X							X		X	Other = Methane, Ethane, Ethene / In-Lab	
	OS-MW-025A (10102019)	10/10/2019			X				X			X		X	Other = Methane, Ethane, Ethene / In-Lab	
480-160747-2	JS-MW-003A(10092019)	10/9/2019	X													
	JS-MW-003B(10092019)	10/9/2019	X													
	JS-MW-002A(10092019)	10/9/2019	X													
	IRM-TW-006(10092019)	10/9/2019	X													
	DUP(10092019) JS-MW-003A(10092019)	10/9/2019	X													
	OS-MW-031A (10092019)	10/9/2019	X													
	OS-TMW-043A (10092019)	10/9/2019	X													
	EB(10092019)	10/9/2019	X													
	TB(10092019)	10/9/2019	X													
	OS-MW-025A (10102019)	10/10/2019	X													
480-160865-1	OS-MW-024A(10112019)	10/11/2019			X											
	JS-MW-001A(10102019)	10/10/2019			X				X			X		X		Other = Methane, Ethane, Ethene
	JS-MW-001A(10102019) MS	10/10/2019			X				X					X		Other = Methane, Ethane, Ethene
	JS-MW-001A(10102019) MSD	10/10/2019			X				X					X		Other = Methane, Ethane, Ethene
	JS-MW-001B(10102019)	10/10/2019			X				X			X		X		Other = Methane, Ethane, Ethene
	IRM-TW-004(10102019)	10/10/2019			X				X			X		X	Other = Methane, Ethane, Ethene	
	IRM-TW-001(10102019)	10/10/2019			X				X			X		X	Other = Methane, Ethane, Ethene	
	IRM-TW-003(10102019)	10/10/2019			X				X			X		X	Other = Methane, Ethane, Ethene	
	IRM-TW-005(10112019)	10/11/2019										X				
	IRM-TW-002(10112019)	10/11/2019			X				X			X				

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOC s	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes	
	JS-MW-001B(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-001C(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-003B(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-003C(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-003D(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-004B(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. HT missed for Alkalinity	
	JS-MW-004D(10222019)-B1	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	DUP(10222019)-B1 JS-MW-003B(10222019)	10/22/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. HT missed for Alkalinity	
	JS-MW-002A(10232019)-B2	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. HT missed for Alkalinity	
	JS-TMW-062(10222019)-B1	10/22/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	JS-TMW-065(10222019)-B1	10/22/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	JS-TMW-068(10222019)-B1	10/22/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	JS-TMW-066(10232019)-B2	10/23/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	JS-TMW-067(10232019)-B2	10/23/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	DUP(10232019)-B2 JS-TMW-066(10232019)	10/23/2019			X			X	X			X			SVOC = 1,4-dioxane only	
	480-161498-2	OS-MW-024B(10232019)-B2	10/23/2019	X												
EB(10232019)-B2		10/23/2019	X													
JS-MW-001A(10222019)-B1		10/22/2019	X													
JS-MW-001B(10222019)-B1		10/22/2019	X													
JS-MW-001C(10222019)-B1		10/22/2019	X													
JS-MW-003B(10222019)-B1		10/22/2019	X													
JS-MW-003C(10222019)-B1		10/22/2019	X													
JS-MW-003D(10222019)-B1		10/22/2019	X													
JS-MW-004B(10222019)-B1		10/22/2019	X													
JS-MW-004D(10222019)-B1		10/22/2019	X													
DUP(10222019)-B1 JS-MW-003B(10222019)		10/22/2019	X													
JS-MW-002A(10232019)-B2		10/23/2019	X													
JS-TMW-062(10222019)-B1		10/22/2019	X													
JS-TMW-065(10222019)-B1		10/22/2019	X													
JS-TMW-068(10222019)-B1		10/22/2019	X													
JS-TMW-066(10232019)-B2		10/23/2019	X													
JS-TMW-067(10232019)-B2	10/23/2019	X														
DUP(10232019)-B2 JS-TMW-066(10232019)	10/23/2019	X														
480-161621-1	OS-MW-037A(10232019)-B2	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
															Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-32B(10242019)-B3	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-32C(10232019)-B2	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	DUP(10242019)-B3 OS-MW-32B(10242019)	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-24BR(10232019)-B1	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-TMW-042B(10232019)-B1	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-TMW-043B(10232019)-B1	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-005A(10232019)-B2	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-004A(10232019)-B2	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-004A(10232019)-B2 MS	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-004A(10232019)-B2 MSD	10/23/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-027A(10242019)-B4	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	DUP(10242019)-B4 OS-MW-027A(10242019)	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	EB(10242019)-B3	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	TB(10242019)	10/24/2019			X											
480-161621-2	OS-MW-037A(10232019)-B2	10/23/2019	X													
	OS-MW-32B(10242019)-B3	10/24/2019	X													
	OS-MW-32C(10232019)-B2	10/23/2019	X													
	DUP(10242019)-B3 OS-MW-32B(10242019)	10/24/2019	X													
	OS-MW-24BR(10232019)-B1	10/23/2019	X													
	OS-TMW-042B(10232019)-B1	10/23/2019	X													
	OS-TMW-043B(10232019)-B1	10/23/2019	X													
	JS-MW-005A(10232019)-B2	10/23/2019	X													
	JS-MW-004A(10232019)-B2	10/23/2019	X													
	JS-MW-004A(10232019)-B2 MS	10/23/2019	X													
	JS-MW-004A(10232019)-B2 MSD	10/23/2019	X													
	OS-MW-027A(10242019)-B4	10/24/2019	X													
	DUP(10242019)-B4 OS-MW-027A(10242019)	10/24/2019	X													
	EB(10242019)-B3	10/24/2019	X													
480-161634-1	OS-MW-040A(10252019)	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-041A(10252019)-B2	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-041B(10252019)-B2	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-041B(10252019)-B2 MS	10/25/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-041B(10252019)-B2 MSD	10/25/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-033B(10252019)-B1	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-033C(10252019)-B1	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030A(10242019)-B2	10/24/2019			X										Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030B(10242019)-B1	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030C(10242019)-B1	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030D(10242019)-B1	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030D(10242019)-B1 MS	10/24/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-030D(10242019)-B1 MSD	10/24/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-025A(10242019)-B2	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-025B(10242019)-B2	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-025C(10242019)-B3	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-027C(10242019)-B4	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	OS-MW-027B(10252019)-B2	10/25/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-001BR(10242019)-B1	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-001BR(10242019)-B1 MS	10/24/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-001BR(10242019)-B1 MSD	10/24/2019			X	X		X	X					X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	JS-MW-003BR(10242019)-B1	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	RB-PVCBR-(10252019)	10/25/2019			X	X		X	X			X		X	Metals = TAL. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	EB(10242019)-B4	10/24/2019			X	X		X	X			X		X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.	
	TB(10252019)	10/25/2019			X											
	480-161634-2	OS-MW-040A(10252019)	10/25/2019	X												

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	OS-MW-041A(10252019)-B2 OS-MW-041B(10252019)-B2 OS-MW-041B(10252019)-B2 MS OS-MW-041B(10252019)-B2 MSD OS-MW-033B(10252019)-B1 OS-MW-033C(10252019)-B1 OS-MW-030A(10242019)-B2 OS-MW-030B(10242019)-B1 OS-MW-030C(10242019)-B1 OS-MW-030D(10242019)-B1 OS-MW-030D(10242019)-B1 MS OS-MW-030D(10242019)-B1 MSD OS-MW-025A(10242019)-B2 OS-MW-025B(10242019)-B2 OS-MW-025C(10242019)-B3 OS-MW-027C(10242019)-B4 OS-MW-027B(10252019)-B2 JS-MW-001BR(10242019)-B1 JS-MW-001BR(10242019)-B1 MS JS-MW-001BR(10242019)-B1 MSD JS-MW-003BR(10242019)-B1 RB-PVCBR-(10252019) EB(10242019)-B4	10/25/2019 10/25/2019 10/25/2019 10/25/2019 10/25/2019 10/25/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/25/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/25/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019 10/25/2019 10/24/2019 10/24/2019 10/24/2019 10/24/2019	X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X												
480-161791-1	OS-MW-027BR(10282019)-B4 OS-MW-047B(10282019)-B3 OS-MW-047C(10282019)-B3 TB(10282019)	10/28/2019 10/28/2019 10/28/2019 10/28/2019			X X X X	X X X X		X X X X	X X X X			X X X X		X X X X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.
480-161791-2	OS-MW-027BR(10282019)-B4 OS-MW-047B(10282019)-B3 OS-MW-047C(10282019)-B3	10/28/2019 10/28/2019 10/28/2019	X X X												
480-161938-1	OS-MW-028B(10292019)-B6 OS-MW-028C(10292019)-B6 OS-MW-028BR(10292019)-B1 OS-MW-39A(10292019)-B2 OS-MW-39B(10292019)-B3 EB(10292019)-B6 TB(10292019) OS-MW-034A(10292019)-B2	10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019			X X X X X X X X	X X X X X X X X		X X X X X X X X	X X X X X X X X			X X X X X X X X		X X X X X X X X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.
480-161938-2	OS-MW-028B(10292019)-B6 OS-MW-028C(10292019)-B6 OS-MW-028BR(10292019)-B1 OS-MW-39A(10292019)-B2 OS-MW-39B(10292019)-B3 EB(10292019)-B6 OS-MW-034A(10292019)-B2	10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019 10/29/2019	X X X X X X X												
480-162036-1	OS-MW-036B(10302019)-B1 OS-MW-030BR(10302019)-B5 OS-MW-035B(10302019)-B1 EB(10302019)-B5 TB(10302019)	10/30/2019 10/30/2019 10/30/2019 10/30/2019 10/30/2019			X X X X X	X X X X X		X X X X X	X X X X X			X X X X X		X X X X X	Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only. Metals = TAL & dissolved. Other = Dissolved Chloride and Sulfate Alkalinity. SVOC = 1,4-dioxane only.
480-162036-2	OS-MW-036B(10302019)-B1 OS-MW-030BR(10302019)-B5 OS-MW-035B(10302019)-B1 EB(10302019)-B5	10/30/2019 10/30/2019 10/30/2019 10/30/2019	X X X X												
460-199325-1	JS-MW-003B(12172019)-B1-RS OS-MW-030A(12172019)-B6 OS-TMW-043B(12172019)-B1 JS-MW-003C(12172019)-B1 JS-MW-003D(12172019)-B1 TB(12172019)	12/17/2019 12/17/2019 12/17/2019 12/17/2019 12/17/2019 12/17/2019			X X X X X X										VOC resample (RS)
480-164415-1	JS- MW -002A (12172019) B2 JS- MW -001A (12172019) B1 JS- MW -001B (12172019) B1 IRM- TW- 003 (12172019) B6 IRM- TW- 005 (12172019) B6 JS- MW- 003B (12172019) B1 IRM- TW- 006 (12172019) B6 IRM- TW- 006 (12172019) B6 MS IRM- TW- 006 (12172019) B6 MSD IRM TW- 001 (12172019) B6 IRM TW- 004 (12172019) B1 DUP (12172019) B1 IRM TW- 004 (12172019) B6 OS- TMW-043A (12172019) B6 OS - MW - 024A (12172019) B6 JS- MW - 003A (12182019) B1 IRM - TW- 002 (12182019) B6 TB (12182019)	12/17/2019 12/18/2019 12/18/2019 12/18/2019			X X										

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	OS-MW-031A(06242020)-B1 EB(06242020)	6/24/2020 6/24/2020	X X												
460-219094-1	OS-MP-09 (09232020)	9/23/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-08 (09232020)	9/23/2020			X	X		X	X			X		X	
	OS-MP-07 (09242020)	9/24/2020			X	X		X	X			X		X	
460-219094-2	OS-MP-09 (09232020)	9/23/2020	X												
	OS-MP-08 (09232020)	9/23/2020	X												
	OS-MP-07 (09242020)	9/24/2020	X												
460-219197-1	OS-MP-06(09242020)	9/24/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-05(09252020)	9/25/2020			X	X		X	X			X		X	
	OS-MP-04(09252020)	9/25/2020			X	X		X	X			X		X	
	DUP(09252020) OS-MP-04(09252020)	9/25/2020			X	X		X	X			X		X	
460-219197-2	OS-MP-06(09242020)	9/24/2020	X												
	OS-MP-05(09252020)	9/25/2020	X												
	OS-MP-04(09252020)	9/25/2020	X												
	DUP(09252020) OS-MP-04(09252020)	9/25/2020	X												
460-219474-1	OS-MP-03(09282020)	9/28/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Metals = Total; Dissolved; Major Cations. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Metals = Total; Dissolved; Major Cations. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite SVOC = 1,4-dioxane only. Metals = Total; Dissolved; Major Cations. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-02(09282020)	9/28/2020			X	X		X	X			X		X	
	RR-EB(09282020)	9/28/2020			X	X		X	X			X		X	
	TB(09292020)	9/29/2020			X										
460-219474-2	OS-MP-03(09282020)	9/28/2020	X												
	OS-MP-02(09282020)	9/28/2020	X												
	RR-EB(09282020)	9/28/2020	X												
460-219489-1	OS-MP-10(09292020)	9/29/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	TB(09302020)	9/30/2020			X										
460-219489-2	OS-MP-10(09292020)	9/29/2020	X												
460-221392-1	IRM-TW-006(10202020)	10/20/2020			X				X			X			
	IRM-TW-004(10202020)	10/20/2020			X				X			X			
	IRM-EB(10202020)	10/20/2020			X				X			X			
	IRM-TB(10212020)	10/21/2020			X										
	IRM-EB(10212020)	10/21/2020			X				X			X			
	IRM-TW-005(10212020)	10/21/2020			X				X			X			
	IRM-DUP(10212020) IRM-TW-003(10212020)	10/21/2020			X				X			X			
	OS-MW-031A(10212020)	10/21/2020			X				X			X			
	IRM-TW-003(10212020)	10/21/2020			X				X			X			
	OS-MW-026A(10212020)	10/21/2020			X				X			X			
	OS-MW-026A(10212020) MS	10/21/2020			X				X						
	OS-MW-026A(10212020) MSD	10/21/2020			X				X						
	IRM-TW-001(10212020)	10/21/2020			X				X			X			
	OS-MW-025A(10212020)	10/21/2020			X				X			X			
	IRM-TW-002(10212020)	10/21/2020			X				X			X			
	JS-MW-003A(10212020)	10/21/2020			X				X			X			
	JS-MW-001A(10212020)	10/21/2020			X				X			X			
	JS-MW-002A(10212020)	10/21/2020			X				X			X			
460-221392-2	IRM-TW-006(10202020)	10/20/2020	X												
	IRM-TW-004(10202020)	10/20/2020	X												
	IRM-EB(10202020)	10/20/2020	X												
	IRM-EB(10212020)	10/21/2020	X												
	IRM-TW-005(10212020)	10/21/2020	X												
	IRM-DUP(10212020) IRM-TW-003(10212020)	10/21/2020	X												
	OS-MW-031A(10212020)	10/21/2020	X												
	IRM-TW-003(10212020)	10/21/2020	X												
	OS-MW-026A(10212020)	10/21/2020	X												
	OS-MW-026A(10212020) MS	10/21/2020	X												
	OS-MW-026A(10212020) MSD	10/21/2020	X												
	IRM-TW-001(10212020)	10/21/2020	X												
	OS-MW-025A(10212020)	10/21/2020	X												
460-222030-1	OS-B-055(148-149)(11022020)	11/2/2020			X										
	JS-EB(11022020)	11/2/2020			X										
	JS-TB(11022020)	11/2/2020			X										
460-222747-1	OS-B-056(48)(11102020)	11/10/2020			X										
	OS-B-056(48)(11102020) MS	11/10/2020			X										
	OS-B-056(48)(11102020) MSD	11/10/2020			X										
	OS-B-057(56-58)(11102020)	11/10/2020			X										
	JS-DUP-SO(11102020) OS-B-057(56-58)(11102020)	11/10/2020			X										
	JS-TB-SO(11102020)	11/10/2020			X										
	JS-EB-SO(11102020)	11/10/2020			X										
460-223224-1	OS-B-058(87-88)(11172020)	11/17/2020			X										
	JS-EB(11182020)	11/18/2020			X										
	JS-TB(11182020)	11/18/2020			X										
460-224737-1	JS-EB(12072020)-B1	12/7/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-EB(12072020)-B2	12/7/2020			X	X		X	X			X		X	
	JS-TB(12072020)	12/7/2020			X										
	OS-MW-054C(12072020)-B2	12/7/2020			X	X		X	X			X		X	
	OS-MW-055D(12072020)-B2	12/7/2020			X	X		X	X			X		X	
460-224737-2	OS-MW-056C(12072020)-B1	12/7/2020			X	X		X	X			X		X	
	JS-EB(12072020)-B1	12/7/2020	X												
	JS-EB(12072020)-B2	12/7/2020	X												
	OS-MW-054C(12072020)-B2	12/7/2020	X												
	OS-MW-055D(12072020)-B2	12/7/2020	X												
460-224751-1	OS-MW-056C(12072020)-B1	12/7/2020	X												1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity 1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-EB(12092020)-B1	12/9/2020			X	X		X	X			X		X	
	JS-EB(12092020)-B2	12/9/2020			X	X		X	X			X		X	
	JS-EB(12092020)-B5	12/9/2020			X	X		X	X			X		X	
	JS-EB(12092020)-B4	12/9/2020			X	X		X	X			X		X	
	JS-TB(12092020)	12/9/2020			X										
	JS-MW-003A(12092020)-B3	12/9/2020			X	X		X	X			X		X	
	JS-MW-001C(12092020)-B3	12/9/2020			X	X		X	X			X		X	
	JS-DUP-01(12092020) JS-MW-001BR(12092020)	12/9/2020			X	X		X	X			X		X	
	JS-MW-003B(12092020)-B3	12/9/2020			X	X		X	X			X		X	
	JS-MW-001BR(12092020)-B4	12/9/2020			X	X		X	X			X		X	
	JS-MW-004A(12092020)-B3	12/9/2020			X	X		X	X			X		X	
	JS-MW-004A(12092020)-B3 MS	12/9/2020			X	X		X	X			X		X	

Table 8
Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	JS-MW-004A(12092020)-B3 MSD	12/9/2020			X			X	X					X	1,4-dioxane only. Other* = Chloride & Sulfate
	JS-MW-003BR(12092020)-B4	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-MW-005A(12092020)-B3	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-MW-003C(12092020)-B5	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-MW-001D(12092020)-B5	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-MW-004D(12092020)-B5	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-MW-004C(12092020)-B5	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	OS-MW-050C(12092020)-B3	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	OS-MW-043B(12092020)-B3	12/9/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
460-224751-2	JS-EB(12092020)-B1	12/9/2020	X												
	JS-EB(12092020)-B2	12/9/2020	X												
	JS-EB(12092020)-B5	12/9/2020	X												
	JS-EB(12092020)-B4	12/9/2020	X												
	JS-MW-003A(12092020)-B3	12/9/2020	X												
	JS-MW-001C(12092020)-B3	12/9/2020	X												
	JS-DUP-01(12092020) JS-MW-001BR(12092020)	12/9/2020	X												
	JS-MW-003B(12092020)-B3	12/9/2020	X												
	JS-MW-001BR(12092020)-B4	12/9/2020	X												
	JS-MW-004A(12092020)-B3	12/9/2020	X												
	JS-MW-004A(12092020)-B3 MS	12/9/2020	X												
	JS-MW-004A(12092020)-B3 MSD	12/9/2020	X												
	JS-MW-003BR(12092020)-B4	12/9/2020	X												
	JS-MW-005A(12092020)-B3	12/9/2020	X												
	JS-MW-003C(12092020)-B5	12/9/2020	X												
	JS-MW-001D(12092020)-B5	12/9/2020	X												
	JS-MW-004D(12092020)-B5	12/9/2020	X												
	JS-MW-004C(12092020)-B5	12/9/2020	X												
OS-MW-050C(12092020)-B3	12/9/2020	X													
OS-MW-043B(12092020)-B3	12/9/2020	X													
460-224802-1	JS-EB(12082020)-B1	12/8/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-TB(12082020)	12/8/2020			X										
	JS-MW-001A(12082020)-B2	12/8/2020			X	X		X	X			X		X	
	OS-MW-042B(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-042B(12082020)-B1 MS	12/8/2020			X	X		X	X					X	
	OS-MW-042B(12082020)-B1 MSD	12/8/2020			X			X	X					X	
	OS-MW-049B(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-049C(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-050B(12082020)-B2	12/8/2020			X	X		X	X			X		X	
	OS-MW-043A(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-054B(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-057C(12082020)-B2	12/8/2020			X	X		X	X			X		X	
	OS-MW-055C(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-057B(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-056B(12082020)-B2	12/8/2020			X	X		X	X			X		X	
	OS-MW-058C(12082020)-B1	12/8/2020			X	X		X	X			X		X	
	OS-MW-058B(12082020)-B2	12/8/2020			X	X		X	X			X		X	
	460-224802-2	JS-EB(12082020)-B1	12/8/2020	X											
JS-MW-001A(12082020)-B2		12/8/2020	X												
OS-MW-042B(12082020)-B1		12/8/2020	X												
OS-MW-042B(12082020)-B1 MS		12/8/2020	X												
OS-MW-042B(12082020)-B1 MSD		12/8/2020	X												
OS-MW-049B(12082020)-B1		12/8/2020	X												
OS-MW-049C(12082020)-B1		12/8/2020	X												
OS-MW-050B(12082020)-B2		12/8/2020	X												
OS-MW-043A(12082020)-B1		12/8/2020	X												
OS-MW-054B(12082020)-B1		12/8/2020	X												
OS-MW-057C(12082020)-B2		12/8/2020	X												
OS-MW-055C(12082020)-B1		12/8/2020	X												
OS-MW-057B(12082020)-B1		12/8/2020	X												
OS-MW-056B(12082020)-B2		12/8/2020	X												
OS-MW-058C(12082020)-B1		12/8/2020	X												
OS-MW-058B(12082020)-B2		12/8/2020	X												
460-224806-1	JS-EB(12102020)-B1	12/10/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-EB(12102020)-B2	12/10/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-EB(12102020)-B3	12/10/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-EB(12102020)-B4	12/10/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
	JS-TB(12102020)	12/10/2020			X										
	OS-MW-061D(12102020)-B6	12/10/2020			X	X		X	X			X		X	
	OS-MW-061B(12102020)-B6	12/10/2020			X	X		X	X			X		X	
	OS-MW-061C(12102020)-B7	12/10/2020			X	X		X	X			X		X	
	OS-MW-061C(12102020)-B7 MS	12/10/2020			X	X		X	X					X	
	OS-MW-061C(12102020)-B7 MSD	12/10/2020			X			X	X					X	
	JS-MW-006D(12102020)-B5	12/10/2020			X	X		X	X			X		X	
	JS-MW-004B(12102020)-B5	12/10/2020			X	X		X	X			X		X	
	JS-MW-006C(12102020)-B5	12/10/2020			X	X		X	X			X		X	
	JS-DUP-01(12102020)-B5 JS-MW-006D(12102020)	12/10/2020			X	X		X	X			X		X	
	JS-MW-003D(12102020)-B5	12/10/2020			X	X		X	X			X		X	
	JS-MW-001B(12102020)-B5	12/10/2020			X	X		X	X			X		X	
OS-MW-051B(12102020)-B5	12/10/2020			X	X		X	X			X		X		
OS-MW-051C(12102020)-B5	12/10/2020			X	X		X	X			X		X		
460-224806-2	JS-EB(12102020)-B1	12/10/2020	X												
	JS-EB(12102020)-B2	12/10/2020	X												
	JS-EB(12102020)-B3	12/10/2020	X												
	JS-EB(12102020)-B4	12/10/2020	X												
	OS-MW-061D(12102020)-B6	12/10/2020	X												
	OS-MW-061B(12102020)-B6	12/10/2020	X												
	OS-MW-0														

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Summary of Site Investigation Samples
Former Oak Materials John Street,
Village of Hoosick Falls, Town of Hoosick, New York



SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	OS-MW-052C(12112020)-B4	12/11/2020			X	X		X	X			X		X	1,4-dioxane only. Other* = Chloride & Sulfate; Alkalinity
460-224915-2	JS-EB(12112020)-B1	12/11/2020	X												
	JS-EB(12112020)-B2	12/11/2020	X												
	JS-EB(12112020)-B3	12/11/2020	X												
	JS-MQC-CHAIN1(12112020)	12/11/2020	X												
	JS-MQC-CHAIN2(12112020)	12/11/2020	X												
	JS-EB(12112020)-B4	12/11/2020	X												
	OS-MW-059C(12112020)-B7	12/11/2020	X												
	OS-MW-059B(12112020)-B9	12/11/2020	X												
	OS-MW-060B(12112020)-B4	12/11/2020	X												
	OS-MW-062C(12112020)-B9	12/11/2020	X												
	OS-MW-053C(12112020)-B8	12/11/2020	X												
	OS-MW-053B(12112020)-B8	12/11/2020	X												
	JS-DUP-01(12112020)-B4 OS-MW-052C(12112020)-B4	12/11/2020	X												
OS-MW-052B(12112020)-B8	12/11/2020	X													
OS-MW-052C(12112020)-B4	12/11/2020	X													
460-227614-1	IRM-TW-001 (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	IRM-TW-003 (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	IRM-TW-004 (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	IRM-TW-006 (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	IRM-TW-006 (02022021) MS	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	IRM-TW-006 (02022021) MSD	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	DUP (02022021) IRM-TW-004 (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	JS-MW-001A (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	JS-MW-001B (02022021)	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	JS-EB (02022021)-B1	2/2/2021			X				X			X		X	Other* = Dissolved Gases
	TB (02022021)	2/2/2021			X										
	OS-MW-061D (02012021)-B7	2/1/2021							X			X			
	OS-MW-061C (02012021)-B7	2/1/2021							X			X			
	OS-MW-061B (02022021)-B10	2/2/2021							X			X			
JS-EB (02012021)-B10	2/1/2021							X			X				
460-227614-2	IRM-TW-001 (02022021)	2/2/2021	X												Other* = Dissolved Gases
	IRM-TW-003 (02022021)	2/2/2021	X												Other* = Dissolved Gases
	IRM-TW-004 (02022021)	2/2/2021	X												Other* = Dissolved Gases
	IRM-TW-006 (02022021)	2/2/2021	X												Other* = Dissolved Gases
	IRM-TW-006 (02022021) MS	2/2/2021	X												Other* = Dissolved Gases
	IRM-TW-006 (02022021) MSD	2/2/2021	X												Other* = Dissolved Gases
	DUP (02022021) IRM-TW-004 (02022021)	2/2/2021	X												Other* = Dissolved Gases
	JS-MW-001A (02022021)	2/2/2021	X												Other* = Dissolved Gases
	JS-MW-001B (02022021)	2/2/2021	X												Other* = Dissolved Gases
	JS-EB (02022021)-B1	2/2/2021	X												Other* = Dissolved Gases
	OS-MW-061D (02012021)-B7	2/1/2021	X												
	OS-MW-061C (02012021)-B7	2/1/2021	X												
	OS-MW-061B (02012022)-B10	2/2/2021	X												
	JS-EB (02012021)-B10	2/1/2021	X												
460-227796-1	JS-MW-002A (02032021)	2/3/2021			X				X			X			Other* = Dissolved Gases Other* = Dissolved Gases
	JS-MW-003A (02032021)	2/3/2021			X				X			X			
	JS-MW-003B (02032021)	2/3/2021			X				X			X			
	OS-MW-043A (02032021)	2/3/2021			X				X			X			
	OS-MW-025A (02032021)	2/3/2021			X				X			X			
	OS-MW-026A (02032021)	2/3/2021			X				X			X			
	OS-MW-031A (02032021)	2/3/2021			X				X			X			
	IRM-TW-002 (02032021)	2/3/2021			X				X			X		X	
	JS-EB (02022021)-B11	2/3/2021			X				X			X		X	
460-227796-2	JS-MW-002A (02032021)	2/3/2021	X												Other* = Dissolved Gases Other* = Dissolved Gases
	JS-MW-003A (02032021)	2/3/2021	X												
	JS-MW-003B (02032021)	2/3/2021	X												
	OS-MW-043A (02032021)	2/3/2021	X												
	OS-MW-025A (02032021)	2/3/2021	X												
	OS-MW-026A (02032021)	2/3/2021	X												
	OS-MW-031A (02032021)	2/3/2021	X												
	IRM-TW-002 (02032021)	2/3/2021	X												
JS-EB (02022021)-B11	2/3/2021	X													
SURFACE WATER															
	OS-SW-015(10192016)	10/19/2016	X		X	X	X	X	X	X	X	X			
	OS-SW-016(10192016)	10/19/2016	X		X	X	X	X	X	X	X	X			
PFO80/1723719	OS-SW-EB-004(10202016)	10/20/2016	X		X	X	X	X	X	X	X	X			
	OS-SED-EB-004(10202016)	10/20/2016	X		X	X	X	X	X	X	X	X			
	OS-SW-017(10202016)	10/20/2016	X		X	X	X	X	X	X	X	X			
	OS-SW-018(10202016)	10/20/2016	X		X	X	X	X	X	X	X	X			
	OS-SW-TB-004(10202016)	10/20/2016			X										
460-219094-1	OS-MP-09SW (09232020)	9/23/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-08SW (09232020)	9/23/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-07SW (09242020)	9/24/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-07SW (09242020) MS	9/24/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-07SW (09242020) MSD	9/24/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
460-219094-2	OS-MP-09SW (09232020)	9/23/2020	X												Hoosic River MP = monitoring point
	OS-MP-08SW (09232020)	9/23/2020	X												
	OS-MP-07SW (09242020)	9/24/2020	X												
	OS-MP-07SW (09242020) MS	9/24/2020	X												
	OS-MP-07SW (09242020) MSD	9/24/2020	X												
460-219197-1	OS-MP-06SW(09242020)	9/24/2020			X	X		X	X			X		X	SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-08SW(09242020)	9/24/2020							X						SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
	OS-MP-05SW(09252020)	9/25/2020			X	X		X	X			X		X	
	OS-MP-04SW(09252020)	9/25/2020			X	X		X	X			X		X	
	DUP(09252020) OS-MP-04(09252020)	9/25/2020			X	X		X	X			X		X	
460-219197-2	OS-MP-06SW(09242020)	9/24/2020	X												
	OS-MP-05SW(09252020)														

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
	OS-MP-10SW(09282020) RR-EB(09282020)	9/28/2020 9/28/2020	X X												SVOC = 1,4-dioxane only. Other* = Alkalinity; Hardness; Nitrogen (350.1, 351.2, 353.2); Phosphorous; Sulfur; Fluoride; Sulfate; Chloride; Sulfite
460-219489-1	OS-MP-10(09292020) TB(09302020)	9/29/2020 9/30/2020			X X	X		X	X			X		X	
460-219489-2	OS-MP-10(09292020)	9/29/2020	X												
SEDIMENT															
PFO79/1723718	OS-SED-017(10202016) OS-SED-018(10202016)	10/20/2016 10/20/2016	X X		X X	X X	X X	X X	X X	X X	X X	X X			
SOIL VAPOR, INDOOR AIR AND OUTDOOR AIR															
PFP02/1742431	AA-WSW(12072016)	12/8/2016											X		
	SV-08(12072016)	12/8/2016											X		
	SV-07(12072016)	12/8/2016											X		
	SV-06(12072016)	12/8/2016											X		
	SV-03(12072016)	12/8/2016											X		
	SV-01(12072016)	12/8/2016											X		
	SV-DUP-001(12072016) (SV-01)	12/8/2016											X		
140-7310-1	OS-IA-06 (03022017)	3/2/2017											X		
	OS-VI-06 (03022017)	3/2/2017											X		
	OS-OA-06 (03022017)	3/2/2017											X		
140-7311-1	OS-IA-01 (03022017)	3/2/2017											X		
	OS-VI-01 (03022017)	3/2/2017											X		
	OS-OA-01 (03022017)	3/2/2017											X		
140-7312-1	OS-IA-07 (03022017)	3/2/2017											X		
	OS-VI-07 (03022017)	3/2/2017											X		
	OS-OA-07 (03022017)	3/2/2017											X		
140-7313-1	OS-IA-04 (03022017)	3/2/2017											X		
	OS-VI-04 (03022017)	3/2/2017											X		
	OS-OA-04 (03022017)	3/2/2017											X		
140-7314-1	OS-IA-02 (03022017)	3/2/2017											X		
	OS-VI-02 (03022017)	3/2/2017											X		
	OS-OA-02 (03022017)	3/2/2017											X		
	OS-IA-DUP-01 (03022017) (OS-IA-02)	3/2/2017											X		
P1701080	OS-IA-09-(03022017)	3/2/2017											X		
	OS-VI-09-(03022017)	3/2/2017											X		
	OS-OA-09-(03022017)	3/2/2017											X		
P1701082	OS-IA-08 (03022017)	3/2/2017											X		
	OS-VI-08 (03022017)	3/2/2017											X		
	OS-OA-08 (03022017)	3/2/2017											X		
P1701141	OS-IA-03 (03072017)	3/7/2017											X		
	OS-VI-03 (03072017)	3/7/2017											X		
	OS-OA-03 (03072017)	3/7/2017											X		
P1701185	OS-IA-05 (03072017)	3/7/2017											X		
	OS-VI-10 (03072017)	3/7/2017											X		
P1701265	OS-VI-05 (03072017)	3/7/2017											X		
	OS-OA-05 (03072017)	3/7/2017											X		
	OS-IA-10 (03072017)	3/7/2017											X		
	OS-IA-DUP-02 (03072017) (OS-IA-05)	3/7/2017											X		
P1701268	OS-IA-013 (03142017)	3/14/2017											X		
	OS-VI-013 (03142017)	3/14/2017											X		
	OS-OA-013 (03142017)	3/14/2017											X		
P1701269	OS-IA-011 (03142017)	3/14/2017											X		
	OS-VI-011 (03142017)	3/14/2017											X		
	OS-OA-011 (03142017)	3/14/2017											X		
P1701270	OS-IA-012 (03142017)	3/14/2017											X		
	OS-VI-012 (03142017)	3/14/2017											X		
	OS-OA-012 (03142017)	3/14/2017											X		
140-7582-1	OS-IA-017(03222017)	3/22/2017											X		
	OS-VI-017(03222017)	3/22/2017											X		
	OS-DUP-003(03222017) (OS-IA-017)	3/22/2017											X		
140-7584-1	OS-IA-018(03222017)	3/22/2017											X		
	OS-VI-018(03222017)	3/22/2017											X		
	OS-OA-018(03222017)	3/22/2017											X		
140-7585-1	OS-IA-019(03232017)	3/23/2017											X		
	OS-VI-019(03232017)	3/23/2017											X		
	OS-OA-019(03232017)	3/23/2017											X		
140-7586-1	OS-OA-015(03212017)	3/21/2017											X	Outdoor sample for locations 015 & 016	
140-7589-1	OS-VI-016(03212017)	3/21/2017											X		
P1701422	OS-IA-016 (03212017)	3/21/2017											X		
P1701423	OS-IA-014 (03212017) OS-VI-014 (03212017) OS-OA-014 (03212017)	3/21/2017 3/21/2017 3/21/2017											X X X		
P1701424	OS-IA-015 (03212017) OS-VI-015 (03212017)	3/21/2017 3/21/2017											X X		
	140-8556-1	OS-IA-020 (06282017) OS-IA-021 (06282017) OS-IA-022 (06282017) OS-DUP-04 (06282017) (OS-I-022)	6/28/2017 6/28/2017 6/28/2017 6/28/2017										X X X X	Same location as OS-IA-02 and DUP-01	
140-10230-1	OS-IA-25A (12132017) OS-IA-25B (12132017) OS-OA-25 (12132017)	12/13/2017 12/13/2017 12/13/2017										X X X			
140-10231-1	OS-IA-23 (12132017) OS-VI-23 (12132017) OS-OA-23 (12132017)	12/13/2017 12/13/2017 12/13/2017											X X X		
140-10232-1	OS-IA-24 (12132017) OS-VI-24 (12132017) OS-OA-24 (12132017)	12/13/2017 12/13/2017 12/13/2017											X X X		
140-10233-1	OS-IA-26 (12132017) OS-VI-26 (12132017) OS-OA-26 (12132017)	12/13/2017 12/13/2017 12/13/2017											X X X		
140-10235-1	OS-IA-27 (12132017) OS-VI-27 (12132017) OS-OA-27 (12132017) OS-DUP-05 (12132017) (OS-IA-27)	12/13/2017 12/13/2017 12/13/2017 12/13/2017											X X X X		
140-11124-1	OS-IA-03 (03282018) OS-OA-03 (03282018)	3/28/2018 3/28/2018											X X		
140-11125-1	OS-IA-07 (03282018) OS-OA-07 (03282018)	3/28/2018 3/28/2018											X X		
140-11126-1	OS-IA-012 (03282018) OS-OA-012 (03282018)	3/28/2018 3/28/2018											X X		
140-11127-1	OS-IA-09 (03282018) OS-OA-09 (03282018)	3/28/2018 3/28/2018											X X		
140-11128-1	OS-IA-028 (03292018)	3/29/2018											X		
140-11129-1	OS-IA-011 (03282018) OS-OA-011 (03282018) OS-DUP-06 (03282018) (OS-IA-011)	3/28/2018 3/28/2018 3/28/2018											X X X		
140-11130-1	OS-IA-05 (03282018) - see comment OS-OA-05 (03282018) OS-IA-010 (03282018) - see comment	3/28/2018 3/28/2018 3/28/2018											X X X	COC ID was incorrect. Switched in EQuIS to correct.	
140-11291-1	OS-IA-012 (04122018) DUP (04122018) (OS-IA-012)	4/12/2018 4/12/2018											X X		

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes
140-11292-1	OS-IA-011 (04122018)	4/12/2018											X		A1 refers to 1st Floor
140-11293-1	OS-IA-05 (04122018)	4/12/2018											X		
140-11294-1	OS-OA-029 (04122018)	4/12/2018											X		
140-13638-1	OS-IA-028(12122018)	12/12/2018											X		A1 refers to 1st Floor
	OS-IA-028-A1(12122018)	12/12/2018											X		
	OS-OA-028(12122018)	12/12/2018											X		
140-13639-1	OS-IA-07(12122018)	12/12/2018											X		A1 refers to 1st Floor
	OS-IA-07-A1(12122018)	12/12/2018											X		
	OS-OA-07(12122018)	12/12/2018											X		
140-13640-1	OS-IA-012(12122018)	12/12/2018											X		
	OS-OA-012(12122018)	12/12/2018											X		
	DUP(12122018)-01 (OS-IA-012)	12/12/2018											X		
140-13642-1	OS-IA-03 (12122018)	12/12/2018											X		
	OS-OA-03 (12122018)	12/12/2018											X		
140-13648-1	OS-IA-011(121222018)	12/12/2018											X		
	DUP(12122018)-02 (OS-IA-011)	12/12/2018											X		
	OS-IA-011-A1(12122018)	12/12/2018											X		
	OS-OA-011(12122018)	12/12/2018											X		
140-13649-1	OS-IA-010(12122018)	12/12/2018											X		A1 refers to 1st Floor; End # refers to Apt. A1 refers to 1st Floor; End # refers to Apt.
	OS-IA-010-A1-3(12122018)	12/12/2018											X		
	OS-IA-010-A1-1(12122018)	12/12/2018											X		
	OS-IA-05(12122018)	12/12/2018											X		A1 refers to 1st Floor; End # refers to Apt. A1 refers to 1st Floor; End # refers to Apt.
	OS-IA-05-A1-5(12122018)	12/12/2018											X		
	OS-IA-05-A1-6(12122018)	12/12/2018											X		
	OS-OA-05(12122018)	12/12/2018											X		
140-13650-1	OS-IA-09(12122018)	12/12/2018											X		
	OS-OA-09(12122018)	12/12/2018											X		
140-14128-1	OS-IA-019 (01292019)	1/29/2019											X		
	OS-VI-019 (01292019)	1/29/2019											X		
	OS-OA-019 (01292019)	1/29/2019											X		
140-17152-1	JS-GWIRMVAP-03 (10252019)	10/25/2019											X		
	JS-GWIRMVAP-02 (10252019)	10/25/2019											X		Vapor samples
	JS-GWIRMVAP-01 (10252019)	10/25/2019											X		Vapor samples
	DUP-VAP (10252019) JS-GWIRMVAP-03	10/25/2019											X		Vapor samples
	JS-GWIRMOA-01 (10252019	10/25/2019											X		Vapor samples
140-17570-1	OS-IA-030 (12052019)	12/5/2019											X		
	OS-SSV-030 (12052019)	12/5/2019											X		
	OS-OA-030 (12052019)	12/5/2019											X		
140-17680-1	OS-IA-017 (12182019)	12/18/2019											X		
	OS-DUP-003 (12182019) OS-IA-017 (12182019)	12/18/2019											X		
	OS-VI-017 (12182019)	12/18/2019											X		
	OS-OA-017 (12182019)	12/18/2019											X		
140-18268-1	OS-IA-012(02122020)	2/12/2020											X		AI AO AI - First floor
	OS-OA-012(02122020)	2/12/2020											X		
	OS-IA-012-A1(02122020)	2/12/2020											X		
140-18269-1	OS-IA-027(02122020)	2/12/2020											X		AI AO
	OS-OA-027(02122020)	2/12/2020											X		
140-18287-1	OS-IA-07(02132020)	2/13/2020											X		AI AO
	OS-OA-07(02132020)	2/13/2020											X		
140-18288-1	OS-IA-028(02132020)	2/13/2020											X		AI AI - First floor AO
	OS-IA-028-A1(02132020)	2/13/2020											X		
	OS-OA-028(02132020)	2/13/2020											X		
140-18289-1	OS-IA-05(02132020)	2/13/2020											X		AI AI AO AI AI
	OS-IA-010(02132020)	2/13/2020											X		
	OS-OA-05(02132020)	2/13/2020											X		
	DUP-07(02132020) OS-IA-010(02132020)	2/13/2020											X		
													X		
140-18290-1	OS-IA-03(02122020)	2/12/2020											X		AI AO
	OS-OA-03(02122020)	2/12/2020											X		
140-18291-1	OS-IA-011(02122020)	2/12/2020											X		AI AO
	OS-OA-011(02122020)	2/12/2020											X		
140-18292-1	OS-IA-09(02122020)	2/12/2020											X		AI AO
	OS-OA-09(02122020)	2/12/2020											X		
140-18320-1	JS - CULVERT AIR - 01 (02182020)	2/18/2020											X		AV (which starts with JS, per field team) AV (which starts with JS, per field team) AO
	JS - DUPCULVERT (02182020) JS - CULVERT	2/18/2020											X		
	JS - CULVERT OA(02182020)	2/18/2020											X		
480-166651-1	JS-CULVERT-WC(02212020)	2/21/2020			X	X	X	X		X		X		X	Metals and SVOCs = TCLP; Other = Sulfate, Reactive & Flashpoint
140-18347-1	OS-IA-031 (02202020)	2/20/2020											X		AI AO
	OS-OA-031 (02202020)	2/20/2020											X		
140-19470-1	JS-GWIRMOA-01 (06232020)	6/24/2020											X		Vapor samples. Note - Samples taken for 24-hr period Vapor samples Vapor samples Vapor samples Vapor samples
	JS-GWIRMVAP-03 (06232020)	6/24/2020											X		
	JS-GWIRMVAP-01 (06232020)	6/24/2020											X		
	JS-GWIRMVAP-02 (06232020)	6/24/2020											X		
	DUP-VAP (06232020) JS-GWIRMVAP-03 (06232020)	6/24/2020											X		
140-21894-1	JS-GWIRMVAP-01(02042021)	2/4/2021											X		Vapor samples Vapor samples Vapor samples Vapor samples
	JS-GWIRMVAP-02(02032021)	2/3/2021											X		
	JS-GWIRMVAP-03(02032021)	2/3/2021											X		
	JS-GWIRMOA-01(02032021)	2/3/2021											X		
													X		
460-227875-1	TB(02032021)	2/3/2021			X										
140-22168-1	OS-VI-032(03032021)	3/3/2021											X		
	OS-IA-032(03032021)	3/3/2021											X		
	OS-IA-DUP(03032021) OS-IA-032(03032021)	3/3/2021											X		
	OS-OA-032(03032021)	3/3/2021											X		
140-22170-1	OS-IA-028(03022021)	3/2/2021											X		
	OS-IA-028-A1(03022021)	3/2/2021											X		
	OS-OA-028(03022021)	3/2/2021											X		
140-22175-1	OS-IA-030(03022021)	3/2/2021											X		
	OS-OA-030(03022021)	3/2/2021											X		
WASTE CHARACTERIZATION/DNAPL															
480-130086-1	WC-02-01120218	1/12/2018	X		TCLP	TCLP									
480-130227-1	WC-03-01172018	1/17/2018	X			TCLP									
480-130631-1	WC-04-01262018	1/26/2018				TCLP									
480-130975-1	WC-06-02062018	2/6/2018			TCLP										
480-131014-1	WC-05-02062018	2/6/2018	X		TCLP	TCLP									
	EBWC-05-02062018	2/6/2018	X												
320-35817-1	WC-07-02062018	2/6/2018	X												
	EB WC-07-02062018	2/6/2018	X												
480-133183-1	WC-09 (03272018)	3/27/2018			TCLP	TCLP						pH/Ign			
	WC-01B (03272018)	3/27/2018										pH/Ign			
480-136344-1	WC-10(05212018)	5/21/2018			X	X						X			
320-39778-1	JS-TMW-039(05242018)	5/24/2018	X												
480-138418-1	WC-15 (07032018)	7/3/2018			TCLP	TCLP						pH/Ign		X	Other = Reactive Cyanide & Sulfide, Temperature
	WC-16G (07032018)	7/3/2018			TCLP	TCLP						pH/Ign		X	Other = Reactive Cyanide & Sulfide, Temperature
	WC-17R (07032018)	7/3/2018			TCLP	TCLP						pH/Ign		X	Other = Reactive Cyanide & Sulfide, Temperature
320-41627-1	WC-11 (7-30-2018)	7/30/2018	X												
	WC-15 (7-30-2018)	7/30/2018	X												
	WC-16G (7-30-2018)	7/30/2018	X												
	WC-17R (7-30-2018)	7/30/2018	X												
320-41628-1	WC-12 (7-30-2018)	7/30/2018			X										
	WC-13 (7-30-2018)	7/30/2018			X										

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SDG/Group Number	Sample Name	Date Collected	PFAS	TOP	VOCs	Metals	CN	SVOCs	TOC	PCBs	Pesticides	pH	TO 15	Other *	Notes	
480-146906-1	WET-SOLID (12132018)	12/13/2018										X			SVOC only. Other* = Sulfide; Ignitability	
460-218886-1	WC-JS RO-603 (09212020)	9/21/2020			X	X	X	X		X		X		X		
460-218886-2	WC-JS RO-603 (09212020)	9/21/2020	X													
TREATABILITY/TOP ASSAY																
320-38500-1	59136	4/24/2018	X												Samples submitted by PeroxyChem	
	59137	4/24/2018	X													
	59138	4/24/2018	X													
	59139	4/24/2018	X													
	59140	4/24/2018	X													
	59141	4/24/2018	X													
	59142	4/24/2018	X													
	59143	4/24/2018	X													
480-137386-1	59144	4/24/2018	X												Samples submitted by PeroxyChem	
	59160	6/13/2018			X										Samples submitted by PeroxyChem	
	59161	6/13/2018			X											
	59162	6/13/2018			X											
	59163	6/13/2018			X											
480-140506-1	59164	6/13/2018			X											
	59298	8/15/2018	X													
	480-140507-1	59250	8/16/2018			X										Samples submitted by PeroxyChem
		59251	8/16/2018			X										
		59252	8/16/2018			X										
59253		8/16/2018			X											
59254		8/16/2018			X											
480-139291-1	59209	7/19/2018	X												Samples submitted by PeroxyChem	
	59210	7/19/2018	X													
	59209 DUP (59209)	7/19/2018	X													
	59210 DUP (59210)	7/19/2018	X													
480-140567-1	59272	8/17/2018			X										Samples submitted by PeroxyChem	
	59273	8/17/2018			X											
	59274	8/17/2018			X											
	59275	8/17/2018			X											
	59276	8/17/2018			X											
	59277	8/17/2018			X											
	59278	8/17/2018			X											
480-140644-1	59255	8/20/2018			X										Samples submitted by PeroxyChem	
	59256	8/20/2018			X											
	59257	8/20/2018			X											
	59258	8/20/2018			X											
	59259	8/20/2018			X											
480-140683-1	59279	8/21/2018			X											
	59280	8/21/2018			X											
	59281	8/21/2018			X											
	59282	8/21/2018			X											
	59283	8/21/2018			X											
	59284	8/21/2018			X											
	59285	8/21/2018			X											
140-12466-1	OS-BL-002-01 (08222018)	8/22/2018											X		Samples submitted by PeroxyChem	
	OS-BL-002-02 (08222018)	8/22/2018											X			
	OS-BL-002-03 (08222018)	8/22/2018											X			
	OS-BL-002-04 (08222018)	8/22/2018											X			
480-141195-1	59260	9/4/2018			X										Samples submitted by PeroxyChem	
	59261	9/4/2018			X											
	59262	9/4/2018			X											
	59263	9/4/2018			X											
	59264	9/4/2018			X											
	59265	9/4/2018			X											
	59266	9/4/2018			X											
480-141196-1	59267	9/4/2018			X										Samples submitted by PeroxyChem	
	59268	9/4/2018			X											
	59269	9/4/2018			X											
	59270	9/4/2018			X											
	59271	9/4/2018			X											
	59296	9/4/2018			X											
	59297	9/4/2018			X											
480-141197-1	59286	9/4/2018			X										Samples submitted by PeroxyChem	
	59287	9/4/2018			X											
	59288	9/4/2018			X											
	59289	9/4/2018			X											
	59290	9/4/2018			X											
	59291	9/4/2018			X											
	59292	9/4/2018			X											
	59293	9/4/2018			X											
	59294	9/4/2018			X											
320-42939-1	59295	9/4/2018			X											
	59299	9/5/2018	X													
	59300	9/5/2018	X													
	59301	9/5/2018	X													
	59302	9/5/2018	X													
	59303	9/5/2018	X													
	59304	9/5/2018	X													
	59305	9/5/2018	X													
	59306	9/5/2018	X													
	59307	9/5/2018	X													
	59308	9/5/2018	X													
	59309	9/5/2018	X													
	59310	9/5/2018	X													
	59311	9/5/2018	X													
	59312	9/5/2018	X													
	59313	9/5/2018	X													
	59314	9/5/2018	X													
	59315	9/5/2018	X													
	59316	9/5/2018	X													
	59317	9/5/2018	X													
	59318	9/5/2018	X													
	59319	9/5/2018	X													
	59320	9/5/2018	X													
	59321	9/5/2018	X													
	59322	9/5/2018	X													

Notes and Abbreviations

1 - Analytical methods for the above analytes are presented in Table 23 - Summary of Analytical Methods.

2 - PFAS = Per- and Polyfluoroalkyl Substances

3 - SIM = Selective Ion Monitoring

4 - SVOCs = Semi-volatile Organic Compounds

5 - TOC = Total Organic Carbon

6 - PCBs = Polychlorintaed Biphenyls

7 - TCL = Target Compound List

8 - TCLP = Toxicity Characteristic Leaching Procedure

9 - VOCs = Volatile Organic Compounds

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001 JS-B-001(18-20)(08162016) 2016-08-16 8535862 SO N Y	JS-B-001 JS-B-001(60-64)(08162016) 2016-08-16 8535863 SO N Y	JS-B-001 JS-B-001(76-76.5)_08/17/2016 2016-08-17 8536097 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.74 U	0.6 U	0.59 U
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.29 U	0.24 U	0.23 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.59 U	0.48 U	0.47 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.44 U	0.36 U	0.35 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.74 U	0.6 U	0.59 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.29 U	0.24 U	0.23 U
Perfluorononanoic acid (PFNA)	ug/kg								0.29 U	0.24 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1 U	0.83 U	0.82 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.4	1.7	0.65 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.44 U	0.36 U	0.35 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.88 U	0.72 U	0.7 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.44 U	0.36 U	0.35 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								8.29	8.54	na
Total Organic Carbon	mg/kg								1630	920	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001BR JS-B-001BR(14.1-14.7)(05152018) 2018-05-15 480-136017-1 SO N Y	JS-B-001BR JS-B-001BR(14.1-14.7)(05152018) 2018-05-15 R1804618-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.18 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.27 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.3 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	3.1 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								7.6	na
Total Organic Carbon	mg/kg								4220	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001BR JS-B-001BR(14.7-16.8)(05152018) 2018-05-15 480-136017-2 SO N Y	JS-B-001BR JS-B-001BR(14.7-16.8)(05152018) 2018-05-15 R1804618-002 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.21 J
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.22 U
Perfluorobutanoic Acid	ug/kg								na	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.33 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.28 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.27 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.43 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.24 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.66 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.48 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.21 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.22 U
pH	ph units								8.1	na
Total Organic Carbon	mg/kg								2100	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001BR JS-B-001BR (42.5-43.6) (05212018) 2018-05-21 R1804685-001 SO N Y	JS-B-001BR JS-B-001BR(42.5-43.6)(05212018)-20180521 2018-05-21 480-136346-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.12 U	na
NMeFOSAA	ug/kg								0.091 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.19 U	na
Perfluorobutanoic Acid	ug/kg								0.2 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.19 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.28 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.15 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.24 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.19 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.21 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.26 J	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.8	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.21 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.41 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.16 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.24 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	na
pH	ph units								na	8.2
Total Organic Carbon	mg/kg								na	1730

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-002	JS-B-002
									JS-B-002(6-7)(08112016)_08/11/2016	JS-B-002(6-8)(08112016)_08/11/2016
									2016-08-11	2016-08-11
									8525968	8525969
									SO	SO
									N	N
									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.56 U	na
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.44 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.33 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.56 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.78 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		9.9	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.33 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.67 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.33 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								na	6.81
Total Organic Carbon	mg/kg								na	8770 J

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-002 Sample ID: JS-B-002(9-10)(08112016)_08/11/2016 Date: 2016-08-11 Laboratory Sample ID: 8525970 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-002 JS-B-002(60-64)(08122016)_08/12/2016 2016-08-12 8525973 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.63 U	0.56 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.5 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.38 U	0.34 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.63 U	0.56 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	0.22 U
Perfluorononanoic acid (PFNA)	ug/kg								0.25 U	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.88 U	0.78 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		3.4	1.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.38 U	0.34 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.75 U	0.67 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.4	8.63
Total Organic Carbon	mg/kg								535 J	198 J

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	JS-B-002	JS-B-002A	JS-B-002B
									Sample ID:	JS-B-002 (8-10) (07162018)	JS-B-002A (7-9) (07162018)	JS-B-002B(7-9)(07172018)
									Date:	2018-07-16	2018-07-16	2018-07-17
									Laboratory Sample ID:	480-139066-2	480-139066-1	480-139189-1
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.46 UJ	0.43 U	0.41 UJ	
NMeFOSAA	ug/kg								0.48 UJ	0.45 U	0.43 UJ	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.031 U	0.029 U	0.028 U	
Perfluorobutanoic Acid	ug/kg								0.075 U	0.032 U	0.11 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.048 U	0.045 U	0.043 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.027 U	0.03 J	0.12 J	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.083 U	0.077 U	0.074 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.043 U	0.04 U	0.039 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.097 J	0.033 U	0.038 J	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.039 U	0.036 U	0.034 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.052 U	0.048 U	0.046 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.045 U	0.041 U	0.31	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.1 U	0.094 U	0.091 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.8 U	0.23 U	0.45 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		5.5	2.4	19	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.096 U	0.089 U	0.085 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.067 U	0.062 U	0.06 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.063 U	0.059 U	0.056 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.045 U	0.041 U	0.04 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.31 U	0.29 U	0.28 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	0.17 U	0.17 U	
pH	ph units								8.4	7.6	8.1	
Total Organic Carbon	mg/kg								3100	15300	5890	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-002C Sample ID: JS-B-002C(6-8)(07172018) Date: 2018-07-17 Laboratory Sample ID: 480-139189-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-002D JS-B-002D(6-8)(07172018) 2018-07-17 480-139189-4 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 UJ	0.41 UJ
NMeFOSAA	ug/kg								0.43 UJ	0.43 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.12 U	0.041 U
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.089 J	0.052 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.075 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.11 J	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.035 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.11 J	0.04 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.089 U	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.64 U	0.43 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		14	3.2
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.084 U	0.086 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.059 U	0.06 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.056 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.28 UJ
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 UJ	0.23 J
pH	ph units								8	7.9
Total Organic Carbon	mg/kg								4530	25300

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-003 Sample ID: JS-B-003(0"-2")(07212016)_07/21/2016 Date: 2016-07-21 Laboratory Sample ID: 8490140 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-003 JS-B-003(2"-12")(07212016)_07/21/2016 2016-07-21 8490141 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.52 U	0.53 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.41 J	0.6
Perfluorododecanoic acid (PFDoA)	ug/kg								0.42 U	0.42 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 UJ	0.32 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.52 U	0.53 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.23 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.73 U	0.74 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		6.8	5
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.31 U	0.32 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.62 U	0.63 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.32 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.35	8.33
Total Organic Carbon	mg/kg								20500	22100

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(15-17)(08082016)_08/08/2016 2016-08-08 8515954 SO N Y	JS-B-003 JS-B-003(9-11)(08082016)_08/08/2016 2016-08-08 8515953 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.7 U	0.7 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.28 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.56 U	0.56 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.42 U	0.42 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.7 U	0.7 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.28 U	0.28 U
Perfluorononanoic acid (PFNA)	ug/kg								0.28 U	0.28 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.99 U	0.98 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.42 U	0.58 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.42 U	0.42 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.85 U	0.84 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.42 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.44	8.7
Total Organic Carbon	mg/kg								2150	1750

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(85-87)(08112016)_08/11/2016 2016-08-11 8525967 SO N Y	JS-B-003 JS-B-003(12"-36")(07182018) 2018-07-18 480-139189-15 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.41 U
NMeFOSAA	ug/kg								na	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.54 U	0.028 U
Perfluorobutanoic Acid	ug/kg								na	0.031 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	0.35
Perfluorododecanoic acid (PFDoA)	ug/kg								0.43 U	0.077 J
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.32 U	0.052 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.54 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	0.16 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.76 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2	6.8 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.085 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.32 U	0.06 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.65 U	0.056 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	0.047 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.17 U
pH	ph units								8.66	8.1
Total Organic Carbon	mg/kg								847	21700

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003A DUP(12"-36")(07172018) 2018-07-17 480-139189-7 SO FD Y	JS-B-003A JS-B-003A(12"-36")(07172018) 2018-07-17 480-139189-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO		PFAS_SO
NetFOSAA	ug/kg								0.41 U	0.41 U
NMeFOSAA	ug/kg								0.44 U	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.048 U	0.037 U
Perfluorodecane Sulfonic Acid	ug/kg								0.044 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.19 J	0.22
Perfluorododecanoic acid (PFDoA)	ug/kg								0.091 J	0.08 J
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.08 J	0.06 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.035 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.047 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.051 J	0.062 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.092 U	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.58 U	0.48 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		4.4 J	5.6
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.086 U	0.086 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	0.06 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.057 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.069 J	0.1 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.17 U
pH	ph units								7.9	7.9
Total Organic Carbon	mg/kg								20600	18800

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-003B Sample ID: JS-B-003B(12"-36")(07172018) Date: 2018-07-17 Laboratory Sample ID: 480-139189-9 Matrix: SO Sample Type: N Validate - Y/N Y									JS-B-003BR JS-B-003BR(8.2-8.5)(05152018) 2018-05-15 480-136017-3 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.41 UJ	na
NMeFOSAA	ug/kg								0.43 UJ	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	na
Perfluorobutanoic Acid	ug/kg								0.057 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.52	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.074 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.17 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23	na
Perfluorononanoic acid (PFNA)	ug/kg								0.11 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		17 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.2 J	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.057 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 UJ	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.36 J	na
pH	ph units								7.9	7.9
Total Organic Carbon	mg/kg								21500	1870

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003BR JS-B-003BR(8.2-8.5)/(05152018) 2018-05-15 R1804618-003 SO N Y	JS-B-003BR JS-B-003BR(8.5-9.5)/(05152018) 2018-05-15 480-136017-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.15 J	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.33 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.28 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.31 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.46 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.47 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.19 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	8.1
Total Organic Carbon	mg/kg								na	3780

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-003BR Sample ID: JS-B-003BR(8.5-9.5)/(05152018) Date: 2018-05-15 Laboratory Sample ID: R1804618-004 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-003BR JS-B-003BR(48.8-49.6)/(05162018)-20180516 2018-05-16 480-136121-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.26 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.28 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.24 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.35 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.49 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.23 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	7
Total Organic Carbon	mg/kg								na	1590

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003BR JS-B-003BR(48.8-49.6)(05162018) 2018-05-16 R1804618-006 SO N Y	JS-B-003BR JS-B-003BR(141-142)(05162018) 2018-05-16 R1804618-008 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	0.11 U
NMeFOSAA	ug/kg								0.095 U	0.13 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.19 U	0.17 U
Perfluorobutanoic Acid	ug/kg								0.21 U	0.18 U
Perfluorodecane Sulfonic Acid	ug/kg								0.19 U	0.17 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.23 U	0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.3 U	0.26 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.16 U	0.14 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.25 U	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.19 U	0.18 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.24 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.18 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.15 U	0.13 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	0.17 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		3.3 U	0.18 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.22 U	0.19 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.43 U	0.38 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.17 U	0.2 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.28 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	0.22 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	0.17 U
pH	ph units								na	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003BR JS-B-003BR(141-142)(05162018)-20180516 2018-05-16 480-136208-1 SO N Y	JS-B-003C JS-B-003C(12"-36")(07182018) 2018-07-18 480-139189-12 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.39 UJ
NMeFOSAA	ug/kg								na	0.41 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.026 U
Perfluorobutanoic Acid	ug/kg								na	0.037 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.19 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.14 J
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.05 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.063 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.087 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.67 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	2.1
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.096 J
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.057 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.07 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.16 U
pH	ph units								8.8	8.1
Total Organic Carbon	mg/kg								na	15900

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003D JS-B-003D(12"-36")(07182018) 2018-07-18 480-139189-14 SO N Y	JS-B-004 JS-B-004(0"-2")(07212016)_07/21/2016 2016-07-21 8490136 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.42 UJ	na
NMeFOSAA	ug/kg								0.45 UJ	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.55 U
Perfluorobutanoic Acid	ug/kg								0.05 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.045 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.8	0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.077 U	0.44 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.04 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.22 J	0.33 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.036 U	0.55 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.17 J	0.22 U
Perfluorononanoic acid (PFNA)	ug/kg								0.29	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.094 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.58 U	0.77 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		21	0.33 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.062 U	0.33 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.059 U	0.66 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.041 U	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	na
pH	ph units								8	8.13
Total Organic Carbon	mg/kg								26500	15200

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-004 Sample ID: JS-B-004(2"-12")(07212016)_07/21/2016 Date: 2016-07-21 Laboratory Sample ID: 8490137 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-004 JS-B-004(10-12)_08/17/2016 2016-08-17 8536100 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.54 U	0.69 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.43 U	0.56 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.32 U	0.42 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.54 U	0.69 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.28 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.28 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.75 U	0.97 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.32 U	0.42 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.32 U	0.42 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.64 U	0.83 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								7.64	8.23
Total Organic Carbon	mg/kg								11700	1130

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005 JS-B-005(0"-2")(07212016)_07/21/2016 2016-07-21 8490138 SO N Y	JS-B-005 JS-B-005(2"-12")(07212016)_07/21/2016 2016-07-21 8490139 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.52 U	0.52 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.29 J	0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.42 U	0.42 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 UJ	0.31 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.52 U	0.52 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.73 U	0.73 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.82	0.81
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.31 U	0.31 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.63 U	0.63 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.1	8.27
Total Organic Carbon	mg/kg								20600	17700

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-005 Sample ID: JS-B-005(11-12)(08232016) Date: 2016-08-23 Laboratory Sample ID: 8545982 Matrix: SO Sample Type: N Validate - Y/N Y									JS-B-005 JS-B-005 (12"-36") (07132018) 2018-07-13 480-138904-12 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.4 U
NMeFOSAA	ug/kg								na	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.73 U	0.027 U
Perfluorobutanoic Acid	ug/kg								na	0.079 J
Perfluorodecane Sulfonic Acid	ug/kg								na	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.29 U	0.055 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.59 U	0.073 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.44 U	0.032 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.73 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.29 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.29 UJ	0.039 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.09 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1 U	0.68
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.44 U	0.5
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.084 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.44 UJ	0.059 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.88 U	0.056 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.44 U	0.039 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.16 U
pH	ph units								8.27	7.8
Total Organic Carbon	mg/kg								1710	5040

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005A JS-B-005A (12"-36") (07132018) 2018-07-13 480-138904-3 SO N Y	JS-B-005B JS-B-005B (12"-36") (07132018) 2018-07-13 480-138904-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 U	0.39 U
NMeFOSAA	ug/kg								0.42 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.043 J	0.055 J
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.072 U	0.071 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.031 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.088 U	0.087 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	0.36 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.34	0.18 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.083 U	0.081 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.057 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U
pH	ph units								8	7.8
Total Organic Carbon	mg/kq								6380	4920

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005C JS-B-005C (12"-36") (07132018) 2018-07-13 480-138904-9 SO N Y	JS-B-005D JS-B-005D (12"-36") (07132018) 2018-07-13 480-138904-13 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.44 U	0.42 U
NMeFOSAA	ug/kg								0.46 U	0.44 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.033 U	0.031 U
Perfluorodecane Sulfonic Acid	ug/kg								0.046 U	0.044 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.027 J	0.06 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.079 U	0.075 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.041 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.034 U	0.033 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.037 U	0.035 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.049 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.042 U	0.073 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.097 U	0.092 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.26 J	5.4
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27	0.6
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.091 U	0.086 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.064 U	0.061 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.06 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.042 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.18 U	0.17 U
pH	ph units								8.1	7.9
Total Organic Carbon	mg/kg								5560	13600

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	JS-B-006	JS-B-007	JS-B-007
									Sample ID:	JS-B-006(18-19)(11292016)	JS-B-007(17-18)(11302016)	JS-B-007(6-7)(11302016)
									Date:	2016-11-29	2016-11-30	2016-11-30
									Laboratory Sample ID:	8719700	8722531	8722530
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NetFOSAA	ug/kg								na	na	na	
NMeFOSAA	ug/kg								na	na	na	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	na	na	
Perfluorobutanoic Acid	ug/kg								na	na	na	
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na	
Perfluorodecanoic acid (PFDA)	ug/kg								na	na	na	
Perfluorododecanoic acid (PFDoA)	ug/kg								na	na	na	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na	
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	na	na	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	na	na	
Perfluorohexanoic acid (PFHxA)	ug/kg								na	na	na	
Perfluorononanoic acid (PFNA)	ug/kg								na	na	na	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	na	na	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	na	na	
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na	
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	na	na	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	na	na	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	na	na	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na	
pH	ph units								6.65	7.99	7.5	
Total Organic Carbon	mg/kg								na	na	na	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-008 JS-B-008(5-7)(12012016) 2016-12-01 8725386 SO N Y	JS-B-008 DUP-001(12012016) 2016-12-01 8725388 SO FD Y	JS-B-009 JS-B-009(11-12)(11302016) 2016-11-30 8722532 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	na	na
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	na	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	na	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	na	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	na	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	na	na
Perfluorononanoic acid (PFNA)	ug/kg								na	na	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	na	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	na	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	na	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	na	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								8.25	8.23	8.27
Total Organic Carbon	mg/kg								na	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-008 JS-B-008(18-19)(12012016) 2016-12-01 8725387 SO N Y	JS-B-010 JS-B-010(15-17)(11292016) 2016-11-29 8719701 SO N Y	JS-B-011 JS-B-011(15-17)(11292016) 2016-11-29 8719702 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	na	na
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	na	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	na	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	na	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	na	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	na	na
Perfluorononanoic acid (PFNA)	ug/kg								na	na	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	na	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	na	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	na	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	na	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								8.29	8.02	8.18
Total Organic Carbon	mg/kg								na	na	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-012 JS-B-012(12-14)(11302016) 2016-11-30 8722533 SO N Y	JS-B-014 JS-B-014 (12-13) (04052018) 2018-04-05 R1803085-005 SO N Y
		NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
Analyte	Unit	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.22 U
Perfluorobutanoic Acid	ug/kg								na	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.26 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.33 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.28 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.27 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.25 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.17 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	3.6
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.48 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.34 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.22 U
pH	ph units								8.33	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-014	JS-B-015	JS-B-015
									JS-B-014(12-13)(04052018)-20180405	DUP04102018	DUP04102018-20180410
									2018-04-05	2018-04-10	2018-04-10
									480-133771-1	R1803266-007	480-133891-8
									SO	SO	SO
N	FD	FD									
Y	Y	Y									
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	0.14 U	na
NMeFOSAA	ug/kg								na	0.14 J	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.22 U	na
Perfluorobutanoic Acid	ug/kg								na	0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								na	0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.26 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.28 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								na	0.29 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	1.5	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.49 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.22 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.32 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.22 U	na
pH	ph units								8.4	na	8.5
Total Organic Carbon	mg/kg								2040	na	2380

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-015 JS-B-015 (5.5-7.5) (04102018) 2018-04-10 R1803266-002 SO N Y	JS-B-015 JS-B-015 (15-17) (04102018) 2018-04-10 R1803266-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.11 U	0.14 U
NMeFOSAA	ug/kg								0.085 U	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.17 U	0.22 U
Perfluorobutanoic Acid	ug/kg								0.18 U	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								0.17 U	0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.29 J	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.26 U	0.33 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.14 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.22 U	0.28 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.17 J	0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								0.3 U	0.3 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.13 U	0.17 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.17 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		4.5	1.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.19 U	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.38 U	0.48 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.15 J	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.39 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.22 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.22 U
pH	ph units								na	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-015 Sample ID: JS-B-015(15-17)(04102018)-20180410 Date: 2018-04-10 Laboratory Sample ID: 480-133891-7 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-015 JS-B-015(5.5-7.5)(04102018)-20180410 2018-04-10 480-133891-6 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	na
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	na
Perfluorononanoic acid (PFNA)	ug/kg								na	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.5	7.8
Total Organic Carbon	mg/kg								2070	20000

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-016 Sample ID: JS-B-016 (16-18) (04052018) Date: 2018-04-05 Laboratory Sample ID: R1803085-003 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-016 JS-B-016 (16-18) (04052018)-20180405 2018-04-05 480-133677-4 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	na
NMeFOSAA	ug/kg								0.096 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.2 U	na
Perfluorobutanoic Acid	ug/kg								0.21 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.23 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.3 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.16 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.25 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.29 J	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.24 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.23 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.15 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.7	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.22 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.43 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.18 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.29 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	2190

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-018									JS-B-018	
Sample ID: JS-B-018 (19-20) (04042018)									JS-B-018 (19-20) (04042018)-20180404	
Date: 2018-04-04									2018-04-04	
Laboratory Sample ID: R1803085-002									480-133677-3	
Matrix: SO									SO	
Sample Type: N									N	
Validate - Y/N Y									Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.12 U	na
NMeFOSAA	ug/kg								0.09 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.18 U	na
Perfluorobutanoic Acid	ug/kg								0.19 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.18 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.28 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.15 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.24 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.18 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.19 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.14 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.18 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.2 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.4 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.16 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.24 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.18 U	na
pH	ph units								na	9.6
Total Organic Carbon	mg/kg								na	2270

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-019 Sample ID: JS-B-019 (16-17) (04042018) Date: 2018-04-04 Laboratory Sample ID: R1803085-001 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-019 JS-B-019 (16-17) (04042018)-20180404 2018-04-04 480-133677-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	na
NMeFOSAA	ug/kg								0.1 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.2 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.31 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.26 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		21	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.45 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.18 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	na
pH	ph units								na	8.2
Total Organic Carbon	mg/kg								na	1790

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-019 JS-B-019 (16-17)(04042018) 2018-04-04 R1806389-001 SO N Y	JS-B-022 JS-B-022 (14.7-16.7) (04102018) 2018-04-09 R1803266-003 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								1.4 U	0.15 UJ
NMeFOSAA	ug/kg								1.4 U	0.11 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								1.4 U	0.22 UJ
Perfluorobutanoic Acid	ug/kg								1.8 U	0.24 UJ
Perfluorodecane Sulfonic Acid	ug/kg								1.4 U	0.22 UJ
Perfluorodecanoic acid (PFDA)	ug/kg								1.4 U	0.26 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg								1.4 U	0.34 UJ
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								1.4 U	0.18 UJ
Perfluoroheptanoic acid (PFHpA)	ug/kg								1.4 U	0.29 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								1.4 U	0.22 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg								34 U	0.27 UJ
Perfluorononanoic acid (PFNA)	ug/kg								1.4 U	0.29 UJ
Perfluorooctane Sulfonamide (FOSA)	ug/kg								1.4 U	0.17 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1.4 U	0.22 UJ
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		23	8.1 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								1.6 U	0.25 UJ
Perfluorotetradecanoic acid (PFTA)	ug/kg								1.4 U	0.49 UJ
Perfluorotridecanoic Acid (PFTriA)	ug/kg								1.4 U	0.2 UJ
Perfluoroundecanoic Acid (PFUnA)	ug/kg								1.4 U	0.35 UJ
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								1.4 U	0.29 UJ
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								1.4 U	0.22 UJ
pH	ph units								na	na
Total Organic Carbon	mg/kq								na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-022 JS-B-022(14.7-16.7)(04092018)-20180409 2018-04-09 480-133891-1 SO N Y	JS-B-023 JS-B-023 (16-18) (04062018) 2018-04-06 R1803085-006 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.16 U
NMeFOSAA	ug/kg								na	0.12 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.24 U
Perfluorobutanoic Acid	ug/kg								na	0.25 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.36 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.31 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.29 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.26 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.18 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.24 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.87 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.26 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.52 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.35 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.24 U
pH	ph units								8.5	na
Total Organic Carbon	mg/kg								2290	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-023 JS-B-023(16-18)(04062018)-20180406 2018-04-06 480-133771-2 SO N Y	JS-B-025 JS-B-025 (6-8) (04092018) 2018-04-09 R1803085-009 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.13 U
NMeFOSAA	ug/kg								na	0.098 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.2 U
Perfluorobutanoic Acid	ug/kg								na	0.21 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.38 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.3 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.26 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.36 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.15 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	10
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.22 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.44 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.18 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.2 U
pH	ph units								8.6	na
Total Organic Carbon	mg/kq								2450	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-025 JS-B-025(6-8)(04092018)-20180409 2018-04-09 480-133891-2 SO N Y	JS-B-026 JS-B-026 (14-16) (04062018) 2018-04-06 R1803085-007 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.27 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	7.7
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.32 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.2	na
Total Organic Carbon	mg/kg								24700	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	JS-B-026	JS-B-027
									Sample ID:	JS-B-026(14-16)(04062018)-20180406	JS-B-027 (4-6) (04062018)
									Date:	2018-04-06	2018-04-06
									Laboratory Sample ID:	480-133771-3	R1803085-008
									Matrix:	SO	SO
									Sample Type:	N	N
									Validate - Y/N	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								na	0.12 U	
NMeFOSAA	ug/kg								na	0.087 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.18 U	
Perfluorobutanoic Acid	ug/kg								na	0.19 U	
Perfluorodecane Sulfonic Acid	ug/kg								na	0.18 U	
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.46 J	
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.27 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.15 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.23 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.18 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.22 U	
Perfluorononanoic acid (PFNA)	ug/kg								na	0.34 J	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.14 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.18 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	7.4	
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.2 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.39 U	
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.28 J	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.26 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.23 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.18 U	
pH	ph units								8.4	na	
Total Organic Carbon	mg/kq								2310	na	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

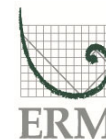
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-027 JS-B-027(4-6)(04062018)-20180406 2018-04-06 480-133771-6 SO N Y	JS-B-028 JS-B-028 (5-7) (04102018) 2018-04-10 R1803266-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.13 U
NMeFOSAA	ug/kg								na	0.098 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.2 U
Perfluorobutanoic Acid	ug/kg								na	0.21 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.67 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.3 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.26 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.45 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.15 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	7
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.22 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.44 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.18 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.2 U
pH	ph units								8.3	na
Total Organic Carbon	mg/kg								3790	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-028 JS-B-028 (5-7)(04102018)-20180410 2018-04-10 480-133994-1 SO N Y	JS-B-029 JS-B-029 (16-18) (04102018) 2018-04-10 R1803266-005 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.3 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.28 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.23 J
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	1.2
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.1	na
Total Organic Carbon	mg/kg								3910	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-029	JS-B-030	JS-B-030
									JS-B-029 (16-18)(04102018)-20180410	DUP(04122018)	DUP(04122018)-20180412
									2018-04-10	2018-04-12	2018-04-12
									480-133994-2	R1803338-003	480-134070-4
									SO	SO	SO
									N	FD	FD
Y									Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.16 U	na
NMeFOSAA	ug/kg								na	0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.24 U	na
Perfluorobutanoic Acid	ug/kg								na	0.25 U	na
Perfluorodecane Sulfonic Acid	ug/kg								na	0.24 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.36 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.2 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.31 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.24 J	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.29 U	na
Perfluorononanoic acid (PFNA)	ug/kg								na	0.26 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.18 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.24 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.25 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.26 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.52 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.24 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.35 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.24 U	na
pH	ph units								8.6	na	8.6
Total Organic Carbon	mg/kg								2440	na	2350

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-030 JS-B-030(16-18)(04122018) 2018-04-12 R1803338-002 SO N Y	JS-B-030 JS-B-030(16-18)(04122018)-20180412 2018-04-12 480-134070-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	na
NMeFOSAA	ug/kg								0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.23 U	na
Perfluorobutanoic Acid	ug/kg								0.24 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.23 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.27 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.35 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.19 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.29 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.23 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.28 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.24 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.18 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.24 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.5 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.4 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.23 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	2350

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-031 Sample ID: JS-B-031 (15-17) (04112018) Date: 2018-04-11 Laboratory Sample ID: R1803266-010 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-031 JS-B-031 (15-17)(04112018)-20180411 2018-04-11 480-134070-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.32 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.27 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.3 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.22 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.47 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.19 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	8.7
Total Organic Carbon	mg/kg								na	2800

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

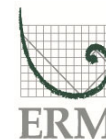
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-032 JS-B-032(9-11)(04112018) 2018-04-11 R1803338-007 SO N Y	JS-B-032 JS-B-032(9-11)(04112018)-20180411 2018-04-11 480-134070-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.27 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.33 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.28 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.33 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.75 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.48 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.19 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.34 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	8.6
Total Organic Carbon	mg/kg								na	2130

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-033 Sample ID: JS-B-033 (14-16) (04112018) Date: 2018-04-11 Laboratory Sample ID: R1803266-009 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-033 JS-B-033 (14-16)(04112018)-20180411 2018-04-11 480-133994-6 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.31 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.27 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.27 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.34 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.46 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.22 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	8.5
Total Organic Carbon	mg/kg								na	3080

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-034 JS-B-034(14-16)(04122018) 2018-04-12 R1803338-004 SO N Y	JS-B-034 JS-B-034(14-16)(04122018)-20180412 2018-04-12 480-134153-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	na
NMeFOSAA	ug/kg								0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.23 U	na
Perfluorobutanoic Acid	ug/kg								0.24 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.23 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.27 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.35 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.19 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.3 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.23 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.28 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.28 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.18 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.71 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.26 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.51 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.23 U	na
pH	ph units								na	8.7
Total Organic Carbon	mg/kg								na	2470

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-035 JS-B-035(16-18)(04122018) 2018-04-12 R1803338-005 SO N Y	JS-B-035 JS-B-035(16-18)(04122018)-20180412 2018-04-12 480-134153-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	na
NMeFOSAA	ug/kg								0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.23 U	na
Perfluorobutanoic Acid	ug/kg								0.25 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.23 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.31 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.35 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.19 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.3 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.23 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.29 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.31 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.18 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.25 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.26 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.51 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.21 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.37 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.23 U	na
pH	ph units								na	8.6
Total Organic Carbon	mg/kg								na	2840

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-036 JS-B-036 (14-15) (04182018) 2018-04-18 R1803511-006 SO N Y	JS-B-036 JS-B-036 (17-19) (04182018) 2018-04-18 R1803511-005 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	0.15 U
NMeFOSAA	ug/kg								0.12 UJ	0.14 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.24 UJ	0.24 U
Perfluorobutanoic Acid	ug/kg								0.25 UJ	0.25 U
Perfluorodecane Sulfonic Acid	ug/kg								0.24 U	0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.32 J	0.33 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.36 U	0.36 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.2 U	0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.3 U	0.3 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.24 U	0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.29 UJ	0.29 U
Perfluorononanoic acid (PFNA)	ug/kg								0.39 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.18 U	0.18 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.24 U	0.24 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.25 U	0.25 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.26 U	0.26 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.52 U	0.52 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.21 U	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.35 U	0.37 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.3 UJ	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.24 U	0.24 U
pH	ph units								na	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-036 Sample ID: JS-B-036 (18-19) (04182018)-20180418 Date: 2018-04-18 Laboratory Sample ID: 480-134430-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-036 JS-B-036 (19-20) (04182018) 2018-04-18 R1803511-007 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.16 U
NMeFOSAA	ug/kg								na	0.12 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.24 U
Perfluorobutanoic Acid	ug/kg								na	0.25 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.37 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.31 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.3 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.19 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.24 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.25 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.27 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.53 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.35 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.24 U
pH	ph units								8.3	na
Total Organic Carbon	mg/kg								1970	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-037 Sample ID: JS-B-037 (15-17) (04172018) Date: 2018-04-17 Laboratory Sample ID: R1803511-001 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-037 JS-B-037 (15-17) (04172018)-20180417 2018-04-17 480-134349-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.17 U	na
NMeFOSAA	ug/kg								0.13 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.26 U	na
Perfluorobutanoic Acid	ug/kg								0.27 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.26 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.3 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.39 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.21 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.33 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.26 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.32 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.27 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.2 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.26 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.29 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.57 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.24 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.33 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.26 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	2400

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-038 Sample ID: JS-B-038 (14-16) (04172018) Date: 2018-04-17 Laboratory Sample ID: R1803511-002 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-038 JS-B-038 (14-16) (04172018)-20180417 2018-04-17 480-134349-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.24 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.26 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.29 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.37 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.24 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.49 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.21 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.33 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	8
Total Organic Carbon	mg/kg								na	2240

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-039 Sample ID: JS-B-039 (12-13) (04202018) Date: 2018-04-20 Laboratory Sample ID: R1803616-009 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-039 JS-B-039 (12-13) (04202018)-20180420 2018-04-20 480-134614-5 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.3 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.3 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.32 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.42 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.25 J	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.7	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.47 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.19 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.39 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	7.8
Total Organic Carbon	mg/kg								na	2060

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-039 JS-B-039 (13-15) (04202018) 2018-04-20 R1803616-010 SO N Y	JS-B-039 JS-B-039 (13-15) (04202018)-20180420 2018-04-20 480-134614-7 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.3 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.32 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.38 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.28 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.81 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.46 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	7.6
Total Organic Carbon	mg/kg								na	2700

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-039 Sample ID: JS-B-039 (13-15)(04202018) Date: 2018-04-20 Laboratory Sample ID: R1806389-004 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-039 JS-B-039 (19-20) (04202018) 2018-04-20 R1803616-011 SO N Y	JS-B-039 JS-B-039 (19-20) (04202018) 2018-04-20 R1803616-011 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								1.5 U	0.14 U
NMeFOSAA	ug/kg								1.5 U	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								1.5 U	0.21 U
Perfluorobutanoic Acid	ug/kg								2 U	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								1.5 U	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								1.5 U	0.29 J
Perfluorododecanoic acid (PFDoA)	ug/kg								1.5 U	0.33 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								1.5 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								1.5 UJ	0.36 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								1.5 U	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								31 U	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								1.5 U	0.27 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								1.5 U	0.17 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1.5 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.5 U	0.33 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								1.5 U	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								1.5 U	0.47 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								1.5 U	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								1.5 U	0.37 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								1.5 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								1.5 U	0.21 U
pH	ph units								na	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-039 JS-B-039 (19-20) (04202018)-20180420 2018-04-20 480-134614-8 SO N Y	JS-B-041 JS-B-041 (16-18) (04182018) 2018-04-18 R1803511-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.15 U
NMeFOSAA	ug/kg								na	0.14 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.23 U
Perfluorobutanoic Acid	ug/kg								na	0.25 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.23 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.36 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.19 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.3 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.23 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.29 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.29 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.18 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.25 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.26 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.52 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.37 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.23 U
pH	ph units								8.1	na
Total Organic Carbon	mg/kg								2240	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

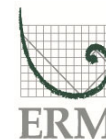
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-041 Sample ID: JS-B-041 (16-18) (04182018)-20180418 Date: 2018-04-18 Laboratory Sample ID: 480-134430-2 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-043 JS-B-043 (10-12) (04182018) 2018-04-18 R1803616-001 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.52 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.23 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.29 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.32 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.33 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.93 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.5	na
Total Organic Carbon	mg/kg								2100	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-043 Sample ID: JS-B-043 (10-12) (04182018)-20180418 Date: 2018-04-18 Laboratory Sample ID: 480-134509-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-044 JS-B-044 (17-19) (04182018) 2018-04-19 R1803616-003 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.13 U
NMeFOSAA	ug/kg								na	0.099 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.2 U
Perfluorobutanoic Acid	ug/kg								na	0.21 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.24 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.31 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.41 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.27 J
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	2.4 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.23 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.45 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.28 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.2 U
pH	ph units								8	na
Total Organic Carbon	mg/kg								2210	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-044 Sample ID: JS-B-044 (17-19) (04182018)-20180419 Date: 2018-04-19 Laboratory Sample ID: 480-134509-5 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-044 JS-B-044 (17-19)(04192018) 2018-04-19 R1806389-002 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	1.4 U
NMeFOSAA	ug/kg								na	1.4 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	1.4 U
Perfluorobutanoic Acid	ug/kg								na	2 U
Perfluorodecane Sulfonic Acid	ug/kg								na	1.4 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	1.4 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	1.4 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	1.4 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	1.4 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	1.4 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	38 U
Perfluorononanoic acid (PFNA)	ug/kg								na	1.4 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	1.4 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	1.4 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	2.1
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	1.5 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	1.4 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	1.4 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	1.4 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	1.4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	1.4 U
pH	ph units								8	na
Total Organic Carbon	mg/kg								2060	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-044 Sample ID: (04302018)-20180430 Date: 2018-04-30 Laboratory Sample ID: 480-135186-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-046 JS-B-046 (12-14) (04192018) 2018-04-19 R1803616-004 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.55 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.27 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.31 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.31 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.29 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.94 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.23 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.46 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.35 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.1	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-046 Sample ID: JS-B-046 (12-14) (04192018)-20180419 Date: 2018-04-19 Laboratory Sample ID: 480-134614-1 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-047 JS-B-047 (10-12) (04192018)-20180419 2018-04-19 480-134614-3 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	na
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	na
Perfluorononanoic acid (PFNA)	ug/kg								na	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.3	8.3
Total Organic Carbon	mg/kg								1930	3770

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	JS-B-047	JS-B-047
									Sample ID:	JS-B-047 (10-12) (0419218)	JS-B-047 (4-6) (04192018)
									Date:	2018-04-19	2018-04-19
									Laboratory Sample ID:	R1803616-005	R1803616-006
									Matrix:	SO	SO
									Sample Type:	N	N
									Validate - Y/N	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.14 U	0.11 U	
NMeFOSAA	ug/kg								0.11 U	0.25 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	0.17 U	
Perfluorobutanoic Acid	ug/kg								0.23 U	0.18 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	0.17 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.27 J	0.24 J	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.33 U	0.26 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	0.14 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.28 U	0.34 J	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	0.17 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	0.21 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.23 U	0.19 J	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	0.13 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.17 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.3 J	9.3	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	0.19 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.48 U	0.38 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.19 U	0.15 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.33 U	0.31 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.22 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	0.17 U	
pH	ph units								na	na	
Total Organic Carbon	mg/kq								na	na	

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-047									JS-B-047	JS-B-047
Sample ID: JS-B-047 (4-6) (04192018)-20180419									JS-B-047 (4-6)(04192018)	JS-B-047 (4-6)(04192018)
Date: 2018-04-19									2018-04-19	2018-04-19
Laboratory Sample ID: 480-134614-2									R1806389-003	
Matrix: SO									SO	SO
Sample Type: N									N	N
Validate - Y/N Y									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	1.1 U
NMeFOSAA	ug/kg								na	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	1.1 U
Perfluorobutanoic Acid	ug/kg								na	1.3 U
Perfluorodecane Sulfonic Acid	ug/kg								na	1.1 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	1.1 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	1.1 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	1.1 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	1.1 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	1.1 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	30 U
Perfluorononanoic acid (PFNA)	ug/kg								na	1.1 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	1.1 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	1.1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	10
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	1.3 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	1.1 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	1.1 U
pH	ph units								7.8	na
Total Organic Carbon	mg/kg								55700	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

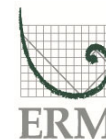
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-048 Sample ID: JS-B-048 (10-12) (04232018) Date: 2018-04-23 Laboratory Sample ID: R1803695-001 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-048 JS-B-048 (10-12) (04232018)-20180423 2018-04-23 480-134765-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.48 J	na
NMeFOSAA	ug/kg								0.31 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.26 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.34 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.25 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.2 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.49 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	8.2
Total Organic Carbon	mg/kg								na	3220

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-049									JS-B-049	
Sample ID: JS-B-049 (14-16) (04232018)									JS-B-049 (14-16) (04232018)-20180423	
Date: 2018-04-23									2018-04-23	
Laboratory Sample ID: R1803695-002									480-134765-4	
Matrix: SO									SO	
Sample Type: N									N	
Validate - Y/N Y									Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.35 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.28 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.33 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.33 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.24 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.31 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.48 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.19 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.37 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	8.1
Total Organic Carbon	mg/kg								na	2670 J

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-050									JS-B-050	
Sample ID: JS-B-050 (13-14) (04242018)									JS-B-050 (13-14) (04242018)-20180424	
Date: 2018-04-24									2018-04-24	
Laboratory Sample ID: R1803695-004									480-134765-6	
Matrix: SO									SO	
Sample Type: N									N	
Validate - Y/N Y									Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.12 U	na
NMeFOSAA	ug/kg								0.091 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.19 U	na
Perfluorobutanoic Acid	ug/kg								0.2 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.19 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.28 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.15 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.25 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 J	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.23 J	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.14 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.52 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.21 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.41 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.16 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.24 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	na
pH	ph units								na	8
Total Organic Carbon	mg/kg								na	3230

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-052									JS-B-052	
Sample ID: JS-B-052 (10-12) (04302018)									JS-B-052 (10-12) (04302018)-20180430	
Date: 2018-04-30									2018-04-30	
Laboratory Sample ID: R1803942-002									480-135186-4	
Matrix: SO									SO	
Sample Type: N									N	
Validate - Y/N Y									Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.12 U	na
NMeFOSAA	ug/kg								0.092 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.19 U	na
Perfluorobutanoic Acid	ug/kg								0.2 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.19 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.29 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.16 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.19 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.27 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.15 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.77 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.21 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.41 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.17 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.24 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	na
pH	ph units								na	7.7
Total Organic Carbon	mg/kg								na	30400

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-052 JS-B-052 (8-10) (04302018) 2018-04-30 R1803942-001 SO N Y	JS-B-052 JS-B-052 (8-10) (04302018)-20180430 2018-04-30 480-135186-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	na
NMeFOSAA	ug/kg								0.099 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.2 U	na
Perfluorobutanoic Acid	ug/kg								0.21 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.31 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.32 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.3 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.7	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.45 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.18 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	na
pH	ph units								na	8.1
Total Organic Carbon	mg/kg								na	3060

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-053									JS-B-053	
Sample ID: JS-B-053 (13-14) (04242018)									JS-B-053 (13-14) (04242018)-20180424	
Date: 2018-04-24									2018-04-24	
Laboratory Sample ID: R1803759-001									480-134854-1	
Matrix: SO									SO	
Sample Type: N									N	
Validate - Y/N Y									Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.32 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na
Perfluorobutanoic Acid	ug/kg								0.22 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.32 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.34 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.4 J	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 J	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.45 J	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.47 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.21 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.44 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na
pH	ph units								na	8.2
Total Organic Carbon	mg/kg								na	2620

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

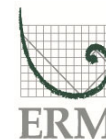
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-054 Sample ID: JS-B-054 (10-12) (04252018) Date: 2018-04-25 Laboratory Sample ID: R1803759-002 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-054	JS-B-054 (10-12) (04252018)-20180425
									2018-04-25	480-134854-4
									SO	SO
									N	N
									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.15 U	na
NMeFOSAA	ug/kg								0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.23 U	na
Perfluorobutanoic Acid	ug/kg								0.25 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.23 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.27 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.35 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.19 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.35 J	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.23 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.29 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.28 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.18 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.4	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.26 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.51 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.21 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.23 U	na
pH	ph units								na	8
Total Organic Carbon	mg/kg								na	2790

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-055 JS-B-055 (5-7) (05012018) 2018-05-01 R1803942-004 SO N Y	JS-B-055 JS-B-055 (5-7)(05012018) 2018-05-01 R1806389-005 SO N Y	JS-B-056 JS-B-056 (10-11) (05012018) 2018-05-01 R1804011-003 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	1.2 U	0.16 U
NMeFOSAA	ug/kg								0.096 U	1.2 U	0.12 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.2 U	1.2 U	0.24 U
Perfluorobutanoic Acid	ug/kg								0.21 U	1.3 U	0.26 U
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	1.2 U	0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.92 U	1.2 U	0.31 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.3 U	1.2 U	0.37 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.16 U	1.2 U	0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.25 U	1.2 UJ	0.43 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	1.2 U	0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.24 U	24 U	0.3 U
Perfluorononanoic acid (PFNA)	ug/kg								0.35 U	1.2 U	0.33 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.15 U	1.2 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.25 J	1.2 U	0.24 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		13	7.1	7.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.22 U	1.2 U	0.27 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.43 U	1.2 U	0.53 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.27 U	1.2 U	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.29 U	1.2 U	0.35 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	1.2 U	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	1.2 U	0.24 U
pH	ph units								na	na	na
Total Organic Carbon	mg/kg								na	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-056 Sample ID: JS-B-056 (10-11) (05012018)-20180501 Date: 2018-05-01 Laboratory Sample ID: 480-135288-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-056 JS-B-056 (44-44.5) (05012018) 2018-05-01 R1804011-010 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.11 U
NMeFOSAA	ug/kg								na	0.085 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.17 U
Perfluorobutanoic Acid	ug/kg								na	0.18 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.17 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.26 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.14 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.29 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.17 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.13 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.17 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	7.5
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.19 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.38 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.25 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.22 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.17 U
pH	ph units								8.5	na
Total Organic Carbon	mg/kg								2960	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-056 JS-B-056 (8.5-9.5) (05012018) 2018-05-01 R1804011-001 SO N Y	JS-B-056 JS-B-056 (8.5-9.5) (05012018)-20180501 2018-05-01 480-135288-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.13 U	na
NMeFOSAA	ug/kg								0.099 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.2 U	na
Perfluorobutanoic Acid	ug/kg								0.21 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.31 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.3 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.32 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.5	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.45 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.24 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.3 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	1810

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-056 Sample ID: JS-B-056 (9.5-10) (05012018) Date: 2018-05-01 Laboratory Sample ID: R1804011-002 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-056 JS-B-056 (9.5-10) (05012018)-20180501 2018-05-01 480-135288-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.14 U	na
NMeFOSAA	ug/kg								0.11 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.22 U	na
Perfluorobutanoic Acid	ug/kg								0.23 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.26 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.35 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.27 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.27 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.17 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.5	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.49 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	2430

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

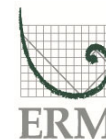
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057 DUP (42-44) (05012018) 2018-05-01 R1804011-008 SO FD Y	JS-B-057 DUP (42-44) (05012018)-20180501 2018-05-01 480-135288-9 SO FD Y	JS-B-057 JS-B-057 (10.5-11) (05012018) 2018-05-01 R1804011-005 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.14 U	na	0.15 U
NMeFOSAA	ug/kg								0.11 U	na	0.12 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.21 U	na	0.23 U
Perfluorobutanoic Acid	ug/kg								0.22 U	na	0.25 U
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na	0.23 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.29 U	na	0.33 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.32 U	na	0.35 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.17 U	na	0.19 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.32 U	na	0.32 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na	0.23 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.26 U	na	0.29 U
Perfluorononanoic acid (PFNA)	ug/kg								0.32 U	na	0.35 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.16 U	na	0.18 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	na	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.22 U	na	0.25 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.23 U	na	0.26 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.46 U	na	0.51 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.34 J	na	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.3 U	na	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	na	0.23 U
pH	ph units								na	8.3	na
Total Organic Carbon	mg/kq								na	1870	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057 JS-B-057 (10.5-11) (05012018)-20180501 2018-05-01 480-135288-6 SO N Y	JS-B-057 JS-B-057 (10-10.5) (05012018) 2018-05-01 R1804011-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.12 U
NMeFOSAA	ug/kg								na	0.091 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.19 U
Perfluorobutanoic Acid	ug/kg								na	0.2 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.19 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.24 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.28 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.15 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.19 J
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.23 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.14 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.19 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.2 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.21 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.41 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.18 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.24 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.19 U
pH	ph units								8.1	na
Total Organic Carbon	mg/kg								1540	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057 JS-B-057 (10-10.5) (05012018)-20180501 2018-05-01 480-135288-5 SO N Y	JS-B-057 JS-B-057 (11-12) (05012018) 2018-05-01 R1804011-006 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.32 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.31 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.22 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.19 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								7.8	na
Total Organic Carbon	mg/kg								1060	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-057 Sample ID: JS-B-057 (11-12) (05012018)-20180501 Date: 2018-05-01 Laboratory Sample ID: 480-135288-7 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-057 JS-B-057 (42-44) (05012018) 2018-05-01 R1804011-007 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.12 U
NMeFOSAA	ug/kg								na	0.093 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.19 U
Perfluorobutanoic Acid	ug/kg								na	0.2 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.19 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.28 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.29 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.16 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.25 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.19 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.23 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.15 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.19 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.2 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.21 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.42 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.17 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.24 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.19 U
pH	ph units								8.2	na
Total Organic Carbon	mg/kg								2390	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-057 Sample ID: JS-B-057 (42-44) (05012018)-20180501 Date: 2018-05-01 Laboratory Sample ID: 480-135288-8 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-B-058 JS-B-058 (10.25-12) (05022018) 2018-05-02 R1804011-012 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.32 J
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.22 U
Perfluorobutanoic Acid	ug/kg								na	0.24 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.26 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.34 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.19 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.47 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.28 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.17 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.24 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.25 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.49 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.31 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.22 U
pH	ph units								8.4	na
Total Organic Carbon	mg/kg								1870	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
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 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 JS-B-058 (10.25-12) (05022018)-20180502 2018-05-02 480-135288-13 SO N Y	JS-B-058 JS-B-058 (10-10.25) (05022018) 2018-05-02 R1804011-011 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.13 U
NMeFOSAA	ug/kg								na	0.1 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.2 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.25 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.31 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.31 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.22 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.23 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.45 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.2 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.2 U
pH	ph units								8	na
Total Organic Carbon	mg/kg								2300	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

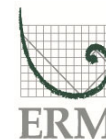
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 JS-B-058 (47.5-48) (05022018) 2018-05-02 R1804011-013 SO N Y	JS-B-058 JS-B-058 (47.5-48) (05022018)-20180502 2018-05-02 480-135288-14 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.16 U	na
NMeFOSAA	ug/kg								0.12 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.24 U	na
Perfluorobutanoic Acid	ug/kg								0.26 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.24 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.3 J	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.37 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.2 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.34 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.24 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.3 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.31 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.19 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.24 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.26 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.27 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.54 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.33 J	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.36 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.24 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	2690

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-059 JS-B-059 (4-6) (05022018)-20180502 2018-05-02 480-135362-1 SO N Y	JS-B-059 JS-B-059(4-6)(05020018) 2018-05-02 R1804101-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.11 U
NMeFOSAA	ug/kg								na	0.085 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.17 U
Perfluorobutanoic Acid	ug/kg								na	0.18 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.17 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.26 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.26 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.14 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.27 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.17 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.27 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.13 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.17 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	5
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.19 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.38 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.15 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.22 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.19 J
pH	ph units								11.1	na
Total Organic Carbon	mg/kg								11300	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-060 JS-B-060 (10-12) (05022018)-20180502 2018-05-02 480-135362-2 SO N Y	JS-B-060 JS-B-060(10-12)(05022018) 2018-05-02 R1804101-002 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.24 J
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.31 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.3 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.16 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	3.1
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.23 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.46 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.25 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.4	na
Total Organic Carbon	mg/kg								3100	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-B-061 Sample ID: DUP (12-14) (05022018)-20180502 Date: 2018-05-02 Laboratory Sample ID: 480-135362-6 Matrix: SO Sample Type: FD Validate - Y/N: Y									JS-B-061 DUP(12-14)(05022018) 2018-05-02 R1804101-004 SO FD Y	JS-B-061 DUP(12-14)(05022018) 2018-05-02 R1804101-004 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.15 U
NMeFOSAA	ug/kg								na	0.12 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.23 U
Perfluorobutanoic Acid	ug/kg								na	0.24 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.23 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.27 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.35 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.19 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.37 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.23 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.28 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.4 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.2 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	3
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.26 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.51 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.23 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.29 J
pH	ph units								8.2	na
Total Organic Carbon	mg/kg								2670	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-061 JS-B-061 (12-14) (05022018)-20180502 2018-05-02 480-135362-3 SO N Y	JS-B-061 JS-B-061(12-14)(05022018) 2018-05-02 R1804101-003 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.14 U
NMeFOSAA	ug/kg								na	0.11 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.21 U
Perfluorobutanoic Acid	ug/kg								na	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.32 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.41 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.29 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.18 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	3.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.24 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.47 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.26 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.21 U
pH	ph units								8.2	na
Total Organic Carbon	mg/kg								3010	na

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-001D Sample ID: JS-MW-001D(0.2-1)(08272019) Date: 2019-08-27 Laboratory Sample ID: 1141909 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-001D JS-MW-001D(0.2-1)(08272019) 2019-08-27 480-158324-10 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.2 U	na
NMeFOSAA	ug/kg								0.2 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.4 U	na
Perfluorobutanoic Acid	ug/kg								0.81 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.2 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.2 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.2 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.2 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.2 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.2 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.2 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.2 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.2 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.2 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.2 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.6 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.6 U	na
pH	ph units								na	8.5
Total Organic Carbon	mg/kg								na	24200

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

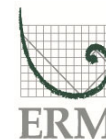
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 1141908 SO N Y	JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 480-158324-9 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.19 U	na
NMeFOSAA	ug/kg								0.19 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.39 U	na
Perfluorobutanoic Acid	ug/kg								0.77 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.19 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.19 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.19 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.19 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.19 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.19 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.19 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.19 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.19 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.19 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.19 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.19 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.19 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.19 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.58 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.58 U	na
pH	ph units								na	9.1
Total Organic Carbon	mg/kg								na	48500

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(15-16)(08282019) 2019-08-28 480-158437-4 SO N Y	JS-MW-001D JS-MW-001D(19-20)(08282019) 2019-08-28 480-158437-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.5 U	0.53 UJ
NMeFOSAA	ug/kg								0.52 U	0.56 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.033 U	0.036 UJ
Perfluorobutanoic Acid	ug/kg								0.037 U	0.04 UJ
Perfluorodecane Sulfonic Acid	ug/kg								0.052 U	0.056 UJ
Perfluorodecanoic acid (PFDA)	ug/kg								0.029 U	0.032 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg								0.09 U	0.097 UJ
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.047 U	0.05 UJ
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.044 U	0.042 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.041 U	0.045 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg								0.061 U	0.06 UJ
Perfluorononanoic acid (PFNA)	ug/kg								0.048 U	0.052 UJ
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.12 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.27 U	0.29 UJ
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.9 U	0.54 UJ
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.1 U	0.11 UJ
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.072 U	0.078 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.068 U	0.073 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.048 U	0.052 UJ
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.33 U	0.36 UJ
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	0.22 UJ
pH	ph units								7.9	7.8
Total Organic Carbon	mg/kg								1650	2410

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-001D Sample ID: JS-MW-001D(7-8)(08282019) Date: 2019-08-28 Laboratory Sample ID: 480-158437-3 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-001D JS-MW-001D(40-45) (09122019) 2019-09-12 480-159206-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.39 U	0.37 U
NMeFOSAA	ug/kg								0.42 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.025 U
Perfluorobutanoic Acid	ug/kg								0.03 U	0.12 U
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.039 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.052 U	0.022 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.071 U	0.067 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.037 U	0.035 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.037 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 UJ	0.031 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.042 U
Perfluorononanoic acid (PFNA)	ug/kg								0.06 U	0.036 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.087 U	0.11 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.67	0.54 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.3 U	3.9
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.082 U	0.077 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.054 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.054 U	0.051 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.038 U	0.036 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.15 U
pH	ph units								8.1	9.9
Total Organic Carbon	mg/kg								5670	1750 J

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(65-66) (09132019) 2019-09-13 480-159206-2 SO N Y	JS-MW-001D JS-MW-001D(90-91) (09132019) 2019-09-13 480-159206-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.37 UJ	0.42 U
NMeFOSAA	ug/kg								0.39 UJ	0.44 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.025 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.16 U	0.12 U
Perfluorodecane Sulfonic Acid	ug/kg								0.039 U	0.044 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.022 U	0.025 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.066 U	0.075 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.035 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.042 U	0.047 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.031 U	0.035 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.054 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.036 U	0.04 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.081 U	0.092 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.53 U	0.57 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.2	1.5
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.076 U	0.087 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.053 U	0.061 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.05 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.036 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.17 U
pH	ph units								9	8.7
Total Organic Carbon	mg/kg								3020 J	3740 J

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-003D Sample ID: JS-MW-003D(0.2-1)(08272019) Date: 2019-08-27 Laboratory Sample ID: 1141905 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-003D	JS-MW-003D(0.2-1)(08272019)
									2019-08-27	480-158324-6
									SO	SO
									N	N
									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.24 U	na
NMeFOSAA	ug/kg								0.24 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.48 U	na
Perfluorobutanoic Acid	ug/kg								0.95 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.24 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.6 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.24 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.24 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.24 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.24 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.24 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.24 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.24 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.5 J	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.7 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.24 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.24 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.24 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.24 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.72 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.72 U	na
pH	ph units								na	8.2
Total Organic Carbon	mg/kg								na	35200

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-003D Sample ID: JS-MW-003D(0-0.2)(08272019) Date: 2019-08-27 Laboratory Sample ID: 1141904 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-003D	JS-MW-003D(0-0.2)(08272019)
									2019-08-27	480-158324-5
									SO	SO
									N	N
									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.2 U	na
NMeFOSAA	ug/kg								0.2 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.4 U	na
Perfluorobutanoic Acid	ug/kg								0.8 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.2 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.2 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.2 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.2 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.2 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.2 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.2 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		3 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.2 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.2 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.2 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.6 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.6 U	na
pH	ph units								na	8.1
Total Organic Carbon	mg/kg								na	41100

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

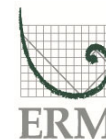
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-003D Sample ID: JS-MW-003D(19-20)(08282019) Date: 2019-08-28 Laboratory Sample ID: 480-158437-2 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-003D JS-MW-003D(8-9)(08282019) 2019-08-28 480-158437-1 SO N Y	JS-MW-003D JS-MW-003D(8-9)(08282019) 2019-08-28 480-158437-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.49 U	0.41 U
NMeFOSAA	ug/kg								0.51 U	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.033 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.037 U	0.031 U
Perfluorodecane Sulfonic Acid	ug/kg								0.051 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.029 U	0.052 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.088 U	0.075 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.046 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.038 U	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.041 U	0.035 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.055 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.047 U	0.054 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.26 U	0.31 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.11 U	1.4 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.1 U	0.086 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.071 U	0.06 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.067 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.047 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.33 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	0.17 U
pH	ph units								8	7.9
Total Organic Carbon	mg/kg								3240	22900

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-003D Sample ID: JS-MW-003D(48-50)(09112019) Date: 2019-09-11 Laboratory Sample ID: 480-159157-1 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-003D	JS-MW-003D(128-129)(09122019)
									JS-MW-003D	JS-MW-003D(128-129)(09122019)
									2019-09-12	2019-09-12
									480-159157-2	480-159157-2
									SO	SO
									N	N
									Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.38 U	0.39 U
NMeFOSAA	ug/kg								0.4 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.06 U	0.15 U
Perfluorodecane Sulfonic Acid	ug/kg								0.04 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.023 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.069 U	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.03 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.043 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.085 U	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.6 U	0.09 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.08 U	0.081 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.057 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U
pH	ph units								8.6	8.6
Total Organic Carbon	mg/kg								2130	1690

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 1141907 SO N Y	JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 480-158324-8 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.21 U	na
NMeFOSAA	ug/kg								0.21 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.43 U	na
Perfluorobutanoic Acid	ug/kg								0.86 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.21 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.21 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.21 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.21 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.57 J	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.21 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.21 U	na
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.21 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.21 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.64 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.64 U	na
pH	ph units								na	8.3
Total Organic Carbon	mg/kg								na	36400

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 1141906 SO N Y	JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 480-158324-7 SO N Y	JS-MW-004D DUP-01-08282019 2019-08-28 1141911 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.2 U	na	0.22 U
NMeFOSAA	ug/kg								0.2 U	na	0.22 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.4 U	na	0.44 U
Perfluorobutanoic Acid	ug/kg								0.81 U	na	0.88 U
Perfluorodecane Sulfonic Acid	ug/kg								0.2 U	na	0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.2 U	na	0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.2 U	na	0.22 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.2 U	na	0.22 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.2 U	na	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.2 U	na	0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.2 U	na	0.22 U
Perfluorononanoic acid (PFNA)	ug/kg								0.2 U	na	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.2 U	na	0.22 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.86	na	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.39 U	na	0.31 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.2 U	na	0.22 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.2 U	na	0.22 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.2 U	na	0.22 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.2 U	na	0.22 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.61 U	na	0.66 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.61 U	na	0.66 U
pH	ph units								na	8.2	na
Total Organic Carbon	mg/kg								na	43900	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-004D Sample ID: DUP-01-08282019 Date: 2019-08-28 Laboratory Sample ID: 480-158324-12 Matrix: SO Sample Type: FD Validate - Y/N: Y									JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 1141912 SO N Y	JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 480-158324-13 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.34 U	na
NMeFOSAA	ug/kg								na	0.34 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.68 U	na
Perfluorobutanoic Acid	ug/kg								na	1.4 U	na
Perfluorodecane Sulfonic Acid	ug/kg								na	0.34 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.34 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.34 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.34 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.34 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.34 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.34 U	na
Perfluorononanoic acid (PFNA)	ug/kg								na	0.34 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.34 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.34 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.54 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.34 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.34 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.34 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.34 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	1 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	1 U	na
pH	ph units								12.3	na	8.6
Total Organic Carbon	mg/kg								5840	na	3180

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-004D Sample ID: JS-MW-004D(7-8)(08282019) Date: 2019-08-28 Laboratory Sample ID: 1141910 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-MW-004D JS-MW-004D(7-8)(08282019) 2019-08-28 480-158324-11 SO N Y	JS-MW-004D JS-MW-004D(7-8)(08282019) 2019-08-28 480-158324-11 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.22 U	na
NMeFOSAA	ug/kg								0.22 U	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.43 U	na
Perfluorobutanoic Acid	ug/kg								0.86 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.22 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	na
Perfluorododecanoic acid (PFDoA)	ug/kg								0.22 U	na
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.22 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.22 U	na
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.22 U	na
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	na
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	na
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.22 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	na
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.22 U	na
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.22 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.22 U	na
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.22 U	na
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.22 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.65 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.65 U	na
pH	ph units								na	12.2
Total Organic Carbon	mg/kg								na	7060

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

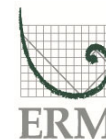
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(138-140)(09102019) 2019-09-10 480-159081-2 SO N N	JS-MW-004D JS-MW-004D(138-140)(09102019) 2019-09-10 480-159081-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.39 U
NMeFOSAA	ug/kg								na	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.026 U
Perfluorobutanoic Acid	ug/kg								na	0.12 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.036 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.038 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.074 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.037 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.11 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.6 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.31 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.08 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.056 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								na	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.037 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.16 U
pH	ph units								na	8.8
Total Organic Carbon	mg/kg								na	2350

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
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 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

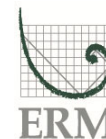
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-004D Sample ID: JS-MW-004D(62-64)(09102019) Date: 2019-09-10 Laboratory Sample ID: 480-159081-1 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-SS-001 JS-SS-001(0"-2")(07212016)_07/21/2016 2016-07-21 8490144 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.41 UJ	na
NMeFOSAA	ug/kg								0.43 UJ	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.51 U
Perfluorobutanoic Acid	ug/kg								0.14 U	na
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.41 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.043 U	0.3 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.51 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.2 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.2 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.09 U	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.94 U	0.71 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.6 U	0.85
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.084 U	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.059 U	0.3 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.056 U	0.61 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.3 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	na
pH	ph units								8.7	8.46
Total Organic Carbon	mg/kg								1890	7830

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-001 JS-SS-001(2"-12")(07212016)_07/21/2016 2016-07-21 8490145 SO N Y	JS-SS-002 JS-SS-002(10-12)(07212016)_07/21/2016 2016-07-21 8490142 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.52 U	0.54 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.42 U	0.43 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 U	0.32 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.52 U	0.54 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.73 U	0.75 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.9	3.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.31 U	0.32 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.63 U	0.64 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.32 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.6	8.57
Total Organic Carbon	mg/kg								5520	9520

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-SS-002 Sample ID: JS-SS-002(12"-24")(07212016)_07/21/2016 Date: 2016-07-21 Laboratory Sample ID: 8490143 Matrix: SO Sample Type: N Validate - Y/N: Y									JS-SS-003A JS-SS-003A(2"-12")(07172018) 2018-07-17 480-139189-5 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.39 U
NMeFOSAA	ug/kg								na	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.54 U	0.026 U
Perfluorobutanoic Acid	ug/kg								na	0.03 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	0.13 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.43 U	0.24
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.32 UJ	0.046 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.54 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	0.051 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.75 U	0.64 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.1	2.2
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.081 J
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.32 U	0.057 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.65 U	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.32 U	0.11 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.16 U
pH	ph units								8.87	8.2
Total Organic Carbon	mg/kg								16800	12400

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-003B JS-SS-003B(2"-12")(07172018) 2018-07-17 480-139189-8 SO N Y	JS-SS-003C JS-SS-003C(2"-12")(07182018) 2018-07-18 480-139275-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 UJ	0.41 UJ
NMeFOSAA	ug/kg								0.42 UJ	0.43 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.028 UJ
Perfluorobutanoic Acid	ug/kg								0.051 U	0.13 UJ
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.043 UJ
Perfluorodecanoic acid (PFDA)	ug/kg								0.19 J	0.12 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.072 U	0.1 J
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.039 UJ
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.11 J	0.032 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 U	0.034 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23	0.046 UJ
Perfluorononanoic acid (PFNA)	ug/kg								0.056 J	0.04 UJ
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.088 U	0.09 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.76 U	0.22 UJ
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.7	0.92 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25	0.085 UJ
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.06 UJ
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.056 UJ
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.061 J	0.059 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.28 UJ
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.17 UJ
pH	ph units								8.2	na
Total Organic Carbon	mg/kg								38900	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-003C JS-SS-003C(2"-12")(07182018) 2018-07-18 480-139189-11 SO N Y		JS-SS-003D JS-SS-003D(2"-12")(07182018) 2018-07-18 480-139189-13 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO		
NEtFOSAA	ug/kg								na	0.41 UJ		
NMeFOSAA	ug/kg								na	0.43 UJ		
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.028 U		
Perfluorobutanoic Acid	ug/kg								na	0.068 U		
Perfluorodecane Sulfonic Acid	ug/kg								na	0.043 U		
Perfluorodecanoic acid (PFDA)	ug/kg								na	1.2		
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.64		
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.039 U		
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.16 J		
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.034 U		
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.26		
Perfluorononanoic acid (PFNA)	ug/kg								na	0.3		
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.09 U		
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.68 U		
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	5.6		
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.21 J		
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.24		
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.12 J		
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.33		
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.28 U		
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.17 UJ		
pH	ph units								8.4	8.2		
Total Organic Carbon	mg/kg								12000	20400		

Notes and Abbreviations
 ug/kg - micrograms per kilogram
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 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005A JS-SS-005A (1"-3") (07132018) 2018-07-13 480-138904-1 SO N Y		JS-SS-005A JS-SS-005A (3"-12") (07132018) 2018-07-13 480-138904-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO		
NEtFOSAA	ug/kg								0.4 U	0.41 U		
NMeFOSAA	ug/kg								0.42 U	0.43 U		
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.027 U		
Perfluorobutanoic Acid	ug/kg								0.03 U	0.055 J		
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.043 U		
Perfluorodecanoic acid (PFDA)	ug/kg								0.061 J	0.11 J		
Perfluorododecanoic acid (PFDoA)	ug/kg								0.072 U	0.074 U		
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.038 U		
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.036 J		
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 U	0.049 J		
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.046 U		
Perfluorononanoic acid (PFNA)	ug/kg								0.07 J	0.071 J		
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.088 U	0.09 U		
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.28 J		
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.39	1		
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.083 U	0.085 U		
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.059 U		
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.056 U		
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.065 J	0.04 U		
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.27 U		
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U		
pH	ph units								8	7.9		
Total Organic Carbon	mg/kg								40500	63000		

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
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 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

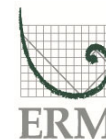
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005B JS-SS-005B (1"-3") (07132018) 2018-07-13 480-138904-4 SO N Y	JS-SS-005B JS-SS-005B (3"-12") (07132018) 2018-07-13 480-138904-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.43 U	0.4 U
NMeFOSAA	ug/kg								0.45 U	0.42 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.033 U	0.03 U
Perfluorodecane Sulfonic Acid	ug/kg								0.045 U	0.042 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.068 J	0.045 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.078 U	0.072 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.041 U	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.034 U	0.031 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.036 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.049 U	0.045 U
Perfluorononanoic acid (PFNA)	ug/kg								0.097 J	0.055 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.095 U	0.089 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.45	0.32
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.09 U	0.083 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.063 U	0.058 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.059 U	0.055 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.1 J	0.047 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.16 U
pH	ph units								7.7	7.7
Total Organic Carbon	mg/kq								47800	27700

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

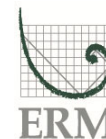
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005C JS-SS-005C (0"-2") (07132018) 2018-07-13 480-138904-7 SO N Y	JS-SS-005C JS-SS-005C (2"-12") (07132018) 2018-07-13 480-138904-8 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 U	0.4 U
NMeFOSAA	ug/kg								0.43 U	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.031 U	0.031 U
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.069 J	0.081 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.073 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.082 J	0.048 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.089 U	0.09 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.27 J	0.24 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.44	0.23
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.084 U	0.084 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.059 U	0.059 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.056 U	0.056 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.11 J	0.043 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U
pH	ph units								7.8	8
Total Organic Carbon	mg/kq								27800	30100

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005D JS-SS-005D (0"-2") (07132018) 2018-07-13 480-138904-10 SO N Y	JS-SS-005D JS-SS-005D (2"-12") (07132018) 2018-07-13 480-138904-11 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								1.9 J	0.64 J
NMeFOSAA	ug/kg								0.42 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.045 J	0.03 U
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.15 J	0.074 J
Perfluorododecanoic acid (PFDoA)	ug/kg								0.18 J	0.071 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.037 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.048 J	0.031 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.045 U
Perfluorononanoic acid (PFNA)	ug/kg								0.14 J	0.038 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 J	0.15 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1.3	0.85
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.66	0.26
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.082 U	0.082 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.075 J	0.057 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.12 J	0.088 J
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.23	0.15 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U
pH	ph units								7.4	7.7
Total Organic Carbon	mg/kq								42300	16300

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(0"-2")(09132016) 2016-09-13 8585472 SO N Y	OS-B-024 OS-B-024(2"-12")(09132016) 2016-09-13 8585473 SO N Y	OS-B-024 OS-B-024(4-6)(09302016) 2016-09-30 8617118 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.54 U	0.52 U	0.57 U
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	0.21 U	0.23 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.44 U	0.41 U	0.46 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.33 U	0.31 U	0.34 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.54 U	0.52 U	0.57 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	0.21 U	0.27 J
Perfluorononanoic acid (PFNA)	ug/kg								0.22 U	0.21 U	0.26 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.76 U	0.73 U	38
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.33 U	0.36 J	5.1
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.33 U	0.31 U	0.34 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.65 U	0.62 U	0.69 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.33 U	0.31 U	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								7.89	8.22	na
Total Organic Carbon	mg/kg								15700	3540	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(6-8)(09302016) 2016-09-30 8617119 SO N Y	OS-B-025 OS-B-025(0"-2")(09222016) 2016-09-22 8602584 SO N Y	OS-B-025 OS-B-025(2"-12")(09222016) 2016-09-22 8602585 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.61 U	0.62 U	0.55 U
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	0.25 U	0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.49 U	0.5 U	0.44 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.37 U	0.37 U	0.33 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.61 U	0.62 U	0.55 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	0.25 U	0.22 U
Perfluorononanoic acid (PFNA)	ug/kg								0.25 U	0.25 U	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.86 U	0.87 U	0.77 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.2	0.37 U	0.33 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.37 U	0.37 U	0.33 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.74 U	0.75 U	0.66 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.37 U	0.37 U	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								8.65	7.89	8.21
Total Organic Carbon	mg/kg								1430	4370	7590

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-025 OS-B-025(11-13)(10112016) 2016-10-11 8636777 SO N Y	OS-B-026 OS-B-026(0"-2")(09222016) 2016-09-22 8602582 SO N Y	OS-B-026 OS-B-026(2"-12")(09222016) 2016-09-22 8602583 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.56 U	0.66 U	0.56 U
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.22 U	0.26 U	0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.45 U	0.53 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.33 U	0.39 U	0.34 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.56 U	0.66 U	0.56 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.22 U	0.26 U	0.22 U
Perfluorononanoic acid (PFNA)	ug/kg								0.22 UJ	0.26 U	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.78 U	0.92 U	0.78 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.36 J	1.5	0.34 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.33 U	0.39 U	0.34 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.67 U	0.79 U	0.67 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.33 U	0.39 U	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								7.76	7.39	7.75
Total Organic Carbon	mg/kg								2940	18800	10000

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: OS-B-026 Sample ID: OS-B-026(9-10)(10112016) Date: 2016-10-11 Laboratory Sample ID: 8636778 Matrix: SO Sample Type: N Validate - Y/N: Y									OS-B-026 OS-B-026BR(81.5-82.5)(05232018)-20180523 2018-05-23 480-136520-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	0.39 UJ
NMeFOSAA	ug/kg								na	0.41 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.58 U	0.026 U
Perfluorobutanoic Acid	ug/kg								na	0.096 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.23 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.46 U	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.036 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.35 U	0.03 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.58 U	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.23 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.23 UJ	0.037 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.085 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.81 U	0.53 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.35 U	0.09 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.08 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.35 U	0.056 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.69 U	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.35 U	0.037 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.16 U
pH	ph units								7.69	8.8
Total Organic Carbon	mg/kg								695	5610

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-027 OS-B-027(0"-2")(09262016) 2016-09-26 8607581 SO N Y	OS-B-027 OS-B-027(2"-12")(09262016) 2016-09-26 8607582 SO N Y	OS-B-027 OS-B-027(4-6)(10132016) 2016-10-13 8642769 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	na	na
NMeFOSAA	ug/kg								na	na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.63 U	0.58 U	0.6 U
Perfluorobutanoic Acid	ug/kg								na	na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	0.34 J	0.24 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.5 U	0.47 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.38 U	0.35 U	0.36 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.63 U	0.58 U	0.6 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	0.23 U	0.24 U
Perfluorononanoic acid (PFNA)	ug/kg								0.25 U	0.23 U	0.24 UJ
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.88 U	1.3 J	0.84 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.6	1.8	0.36 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.38 U	0.35 U	0.36 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.75 U	0.7 U	0.72 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.38 U	0.35 U	0.36 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na	na
pH	ph units								6.56	6.65	6.89
Total Organic Carbon	mg/kg								31900	9030	857

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

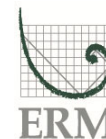
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-028 OS-B-028(3-5)/(09262016) 2016-09-26 8607583 SO N Y	OS-B-028 OS-B-028(5-12)/(09262016) 2016-09-26 8607584 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.52 U	0.57 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	0.23 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.42 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 U	0.34 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.52 U	0.57 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.23 U
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.73 U	1.1 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.7	0.4 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.31 U	0.34 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.63 U	0.68 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.34 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.31	8.33
Total Organic Carbon	mg/kq								22400	7830

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-028 OS-B-028(12-16)(10062016)_10/06/2016 2016-10-06 8630141 SO N Y	OS-B-028 OS-B-028(6-8)(10062016)_10/06/2016 2016-10-06 8630140 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.59 U	0.54 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.24 U	0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.48 U	0.43 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.36 U	0.32 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.59 U	0.54 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.24 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.24 U	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.83 U	0.75 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.36 U	0.5 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.36 U	0.32 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.71 U	0.64 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.36 U	0.32 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								8.2	8.9
Total Organic Carbon	mg/kq								3710	4020

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-030 OS-B-030(11.7-13.7)(11152016) 2016-11-15 8699639 SO N Y	OS-B-030 OS-B-030(13.7-15)(11152016) 2016-11-15 8699640 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	na
NMeFOSAA	ug/kg								na	na
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.51 U	0.68 U
Perfluorobutanoic Acid	ug/kg								na	na
Perfluorodecane Sulfonic Acid	ug/kg								na	na
Perfluorodecanoic acid (PFDA)	ug/kg								0.2 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.41 U	0.55 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	na
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.31 U	0.41 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.51 U	0.68 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.2 U	0.27 U
Perfluorononanoic acid (PFNA)	ug/kg								0.2 U	0.27 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	na
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.71 U	0.95 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.31 U	0.48 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	na
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.31 UJ	0.41 UJ
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.61 UJ	0.82 UJ
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.31 U	0.41 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	na
pH	ph units								na	na
Total Organic Carbon	mg/kg								na	na

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-031 OS-B-031(11292016)(15-17) 2016-11-29 8719705 SO N Y	OS-B-032 OS-B-032(0.2-1)(08262019) 2019-08-26 480-158324-2 SO N Y	OS-B-032 OS-B-032(0-0.2)(08262019) 2019-08-26 480-158324-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								na	0.19 U	0.21 U
NMeFOSAA	ug/kg								na	0.19 U	0.21 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.62 U	0.39 U	0.43 U
Perfluorobutanoic Acid	ug/kg								na	0.78 U	0.86 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.19 U	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	0.19 U	0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.5 U	0.19 U	0.21 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.19 U	0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.37 U	0.19 U	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.62 U	0.19 U	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	0.19 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.25 U	0.19 U	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.19 U	0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.87 U	0.19 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.53 J	0.19 U	0.21 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.19 U	0.21 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.37 U	0.19 U	0.21 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.74 U	0.19 U	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.37 U	0.19 U	0.21 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.58 U	0.64 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.58 U	0.64 U
pH	ph units								na	8.5	8.4
Total Organic Carbon	mg/kg								2050	12300	10600

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-032 OS-B-032(14-15)(08272019) 2019-08-27 480-158324-3 SO N Y	OS-B-032 OS-B-032(18-20)(08272019) 2019-08-27 480-158324-4 SO N Y	OS-B-032 OS-B-032(108-109)(09042019) 2019-09-04 480-158726-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.21 U	0.28 U	0.39 U
NMeFOSAA	ug/kg								0.21 U	0.28 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.42 U	0.56 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.84 U	1.1 U	0.061 U
Perfluorodecane Sulfonic Acid	ug/kg								0.21 U	0.28 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.21 U	0.28 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.21 U	0.28 U	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.21 U	0.28 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.21 U	0.28 U	0.049 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.21 U	0.28 U	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.21 U	0.28 U	0.062 J
Perfluorononanoic acid (PFNA)	ug/kg								0.21 U	0.28 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.21 U	0.28 U	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	0.28 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.21 U	0.28 U	0.58
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.21 U	0.28 U	0.08 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.21 U	0.28 U	0.056 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.21 U	0.28 U	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.21 U	0.28 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.63 U	0.84 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.63 U	0.84 U	0.16 U
pH	ph units								8.1	8.2	8.5
Total Organic Carbon	mg/kq								2250	3480	2020

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-032	OS-B-032	OS-B-033
									Sample ID:	OS-B-032(111-112)(09042019)	OS-B-032(75-76)(09042019)	OS-B-033(5-6)(08292019)
									Date:	2019-09-04	2019-09-04	2019-08-29
									Laboratory Sample ID:	480-158726-4	480-158726-5	480-158413-1
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.4 U	0.4 U	0.4 U	
NMeFOSAA	ug/kg								0.42 U	0.42 U	0.43 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 J	0.027 U	0.027 U	
Perfluorobutanoic Acid	ug/kg								0.065 U	0.067 U	0.032 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.042 U	0.043 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.024 U	0.024 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.072 U	0.072 U	0.073 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.037 U	0.038 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.079 U	0.038 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.033 U	0.033 U	0.034 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.06 J	0.046 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.038 U	0.039 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.088 U	0.088 U	0.09 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.21 U	0.36 J	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.14 J	1.4	0.39 U	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.083 U	0.082 U	0.084 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.058 U	0.059 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.055 U	0.056 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.038 U	0.039 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.27 U	0.27 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U	0.16 U	
pH	ph units								8.6	8.4	7.7	
Total Organic Carbon	mg/kg								2170	1250	7270	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location:									OS-B-033	OS-B-033	OS-B-033
Sample ID:									OS-B-033(6-7)(08292019)	OS-B-033(0.5-0.6)(09032019)	OS-B-033(0.6-1.5)(09032019)
Date:									2019-08-29	2019-09-03	2019-09-03
Laboratory Sample ID:									480-158413-2	480-158631-3	480-158631-5
Matrix:									SO	SO	SO
Sample Type:									N	N	N
Validate - Y/N									Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.48 U	0.39 U	0.4 U
NMeFOSAA	ug/kg								0.5 U	0.41 U	0.42 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.032 U	0.088 J	0.29
Perfluorobutanoic Acid	ug/kg								0.036 U	0.15 U	0.062 U
Perfluorodecane Sulfonic Acid	ug/kg								0.05 U	0.041 U	0.042 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.028 U	0.023 U	0.024 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.086 U	0.07 U	0.073 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.045 U	0.037 U	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.041 U	0.042 U	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.04 U	0.032 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.054 U	0.044 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.046 U	0.038 U	0.039 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.086 U	0.089 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.26 U	0.33 J	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.24 U	1.7	1.2
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.099 U	0.081 U	0.084 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.07 U	0.057 U	0.059 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.066 U	0.053 U	0.055 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.046 U	0.038 U	0.039 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.32 U	2.6 U	2.7 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	0.16 U	0.16 U
pH	ph units								7.8	9.2	8.8
Total Organic Carbon	mg/kg								2330	32400	14500

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

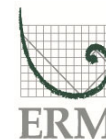
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

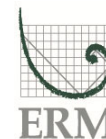
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-033	OS-B-033	OS-B-034
									Sample ID:	OS-B-033(108-109)(09062019)	OS-B-033(87-88)(09062019)	OS-B-034(11-12)(08292019)
									Date:	2019-09-06	2019-09-06	2019-08-29
									Laboratory Sample ID:	480-158775-2	480-158775-1	480-158438-2
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg									0.39 U	0.37 U	0.59 U
NMeFOSAA	ug/kg									0.41 U	0.39 U	0.62 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg									0.026 U	0.025 U	0.04 U
Perfluorobutanoic Acid	ug/kg									0.049 U	0.075 U	0.044 U
Perfluorodecane Sulfonic Acid	ug/kg									0.041 U	0.039 U	0.062 U
Perfluorodecanoic acid (PFDA)	ug/kg									0.023 U	0.022 U	0.035 U
Perfluorododecanoic acid (PFDoA)	ug/kg									0.07 U	0.067 U	0.11 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg									0.037 U	0.035 U	0.056 U
Perfluoroheptanoic acid (PFHpA)	ug/kg									0.03 U	0.056 U	0.053 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg									0.032 U	0.031 U	0.049 U
Perfluorohexanoic acid (PFHxA)	ug/kg									0.044 U	0.042 U	0.067 U
Perfluorononanoic acid (PFNA)	ug/kg									0.038 U	0.036 U	0.057 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg									0.086 U	0.082 U	0.13 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440			0.21 U	0.2 U	0.81
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600			0.09 U	2.8 U	1.4 U
Perfluoropentanoic Acid (PFPeA)	ug/kg									0.081 U	0.077 U	0.12 U
Perfluorotetradecanoic acid (PFTA)	ug/kg									0.057 U	0.054 U	0.086 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg									0.053 U	0.051 U	0.081 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg									0.038 U	0.036 U	0.057 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg									0.26 U	0.25 U	0.4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg									0.16 U	0.15 U	0.24 U
pH	ph units									8.4	8.3	7.5
Total Organic Carbon	mg/kg									1610	2760	63800

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-034 OS-B-034(13-14)(08292019) 2019-08-29 480-158438-3 SO N Y	OS-B-034 OS-B-034(7-8)(08292019) 2019-08-29 480-158438-1 SO N Y	OS-B-034 OS-B-034(0.5-0.6)(09032019) 2019-09-03 480-158631-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.5 U	0.44 U	0.39 U
NMeFOSAA	ug/kg								0.52 U	0.47 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.034 U	0.03 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.038 U	0.033 U	0.17 U
Perfluorodecane Sulfonic Acid	ug/kg								0.052 U	0.047 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.03 U	0.026 U	0.032 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.09 U	0.08 U	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.047 U	0.042 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.039 U	0.035 U	0.03 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.042 U	0.037 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.056 U	0.05 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.048 U	0.043 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.098 U	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.27 U	0.25 J	0.29 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27 U	1.2 U	0.2 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.1 U	0.092 U	0.081 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.072 U	0.064 U	0.057 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.068 U	0.061 U	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.048 U	0.043 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.34 U	0.3 U	2.6 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.2 U	0.18 U	0.16 U
pH	ph units								8.1	8.4	7.9
Total Organic Carbon	mg/kg								1730	5390	75100

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-034	OS-B-034	OS-B-034
									OS-B-034(0.6-1.5)(09032019)	OS-B-034(77-78)(09162019)	OS-B-034(91-92)(09172019)
									2019-09-03	2019-09-16	2019-09-17
									480-158631-7	480-159411-1	480-159462-1
									SO	SO	SO
									N	N	N
									Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.4 U	0.4 U	0.43 U
NMeFOSAA	ug/kg								0.42 U	0.42 U	0.45 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.3	0.027 U	0.029 U
Perfluorobutanoic Acid	ug/kg								0.15 U	0.03 U	0.032 U
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.042 U	0.045 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.024 U	0.025 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.073 U	0.077 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.038 U	0.04 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.031 U	0.034 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.034 U	0.036 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.045 U	0.049 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.039 U	0.042 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.089 U	0.089 U	0.095 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 J	0.22 U	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.24	0.093 U	0.099 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.084 U	0.083 U	0.089 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.059 U	0.058 U	0.062 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.055 U	0.055 U	0.059 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.039 U	0.042 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								2.7 U	0.27 U	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U	0.17 U
pH	ph units								8.3	8.8	8.5
Total Organic Carbon	mg/kg								33300	2140 J	2940

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-035 OS-B-035(1-2)(08282019 2019-08-28 480-158413-4 SO N Y	OS-B-035 OS-B-35(5-6)(08292019) 2019-08-29 480-158438-13 SO N Y	OS-B-035 OS-B-035(0.5-0.6)(09032019) 2019-09-03 480-158631-8 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.38 U	0.46 U	0.38 U
NMeFOSAA	ug/kg								0.4 U	0.49 U	0.4 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.025 U	0.031 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.059 U	0.035 U	0.046 U
Perfluorodecane Sulfonic Acid	ug/kg								0.04 U	0.049 U	0.04 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.022 U	0.028 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.068 U	0.084 U	0.069 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.044 U	0.036 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.036 U	0.03 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.039 U	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.053 U	0.043 U
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.045 U	0.037 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.084 U	0.1 U	0.084 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.96	0.25 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.1 U	0.11 U	0.089 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.078 U	0.097 U	0.079 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.055 U	0.068 U	0.056 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.052 U	0.064 U	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.045 U	0.037 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	0.31 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.19 U	0.15 U
pH	ph units								8.8	7.4	8.8
Total Organic Carbon	mg/kg								3350	960 J	12000

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-035 OS-B-035(0.6-1.5)(09032019) 2019-09-03 480-158631-9 SO N Y	OS-B-035 OS-B-035(64-65)(09232019) 2019-09-23 480-159765-1 SO N Y	OS-B-035 OS-B-035(65-66)(09232019) 2019-09-23 480-159765-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.37 U	0.39 U	0.39 U
NMeFOSAA	ug/kg								0.39 U	0.42 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.025 U	0.027 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.056 U	0.03 U	0.029 U
Perfluorodecane Sulfonic Acid	ug/kg								0.039 U	0.042 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.022 U	0.023 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.067 U	0.072 U	0.071 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.035 U	0.037 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.029 U	0.031 U	0.031 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.031 U	0.033 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.042 U	0.045 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.036 U	0.038 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.082 U	0.088 U	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	0.21 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.086 U	0.092 U	0.091 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.077 U	0.082 U	0.081 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.054 U	0.058 U	0.057 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.051 U	0.054 U	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.036 U	0.038 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	0.27 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.16 U	0.16 U
pH	ph units								8.4	9.1	8.8
Total Organic Carbon	mg/kg								9650	1000 U	3490

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-036 OS-B-036(2-3)(08292019) 2019-08-29 480-158413-3 SO N Y	OS-B-036 OS-B-36(11-12)(08292019) 2019-08-29 480-158438-14 SO N Y	OS-B-036 OS-B-36(7-8)(08292019) 2019-08-29 480-158438-12 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.42 U	0.51 U	0.37 U
NMeFOSAA	ug/kg								0.44 U	0.54 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.035 U	0.032 J
Perfluorobutanoic Acid	ug/kg								0.032 U	0.039 U	0.028 U
Perfluorodecane Sulfonic Acid	ug/kg								0.044 U	0.054 U	0.039 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.025 U	0.03 U	0.022 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.076 U	0.093 U	0.068 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.04 U	0.049 U	0.035 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.033 U	0.04 U	0.029 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.035 U	0.043 U	0.031 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.048 U	0.058 U	0.042 U
Perfluorononanoic acid (PFNA)	ug/kg								0.041 U	0.05 U	0.036 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.094 U	0.11 U	0.083 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.46 J	0.28 U	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.27	0.22 U	0.2 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.088 U	0.11 U	0.078 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.062 U	0.075 U	0.055 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.058 U	0.071 U	0.052 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.041 U	0.05 U	0.036 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	0.35 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.21 U	0.15 U
pH	ph units								8.5	8	8.1
Total Organic Carbon	mg/kg								2580	760 J	1000 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

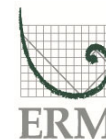
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-036 OS-B-036(0.4-0.5)(09032019) 2019-09-03 480-158631-10 SO N Y	OS-B-036 OS-B-036(0.5-1.4)(09032019) 2019-09-03 480-158631-11 SO N Y	OS-B-036 OS-B-036(29-30)(09192019) 2019-09-19 480-159576-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 U	0.39 U	0.49 U
NMeFOSAA	ug/kg								0.42 U	0.41 U	0.52 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.026 U	0.033 U
Perfluorobutanoic Acid	ug/kg								0.08 U	0.088 U	0.037 U
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.041 U	0.052 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.032 U	0.029 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.07 U	0.09 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.036 U	0.047 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.03 U	0.039 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.032 U	0.041 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.044 U	0.056 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.037 U	0.048 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.089 U	0.085 U	0.11 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 J	0.3 J	0.27 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.093 U	0.09 U	0.41
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.083 U	0.08 U	0.1 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.056 U	0.072 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.053 U	0.068 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.037 U	0.048 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.26 U	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U	0.2 U
pH	ph units								9.3	9.2	8.2
Total Organic Carbon	mg/kg								7250	8270	2520

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-036	OS-B-036	OS-B-037
									Sample ID:	OS-B-036(45-50)(09192019)	OS-B-036(50-51)(09192019)	DUP-(4-5)(08292019)
									Date:	2019-09-19	2019-09-19	2019-08-29
									Laboratory Sample ID:	480-159576-2	480-159576-3	480-158438-7
									Matrix:	SO	SO	SO
									Sample Type:	N	N	FD
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NetFOSAA	ug/kg								0.41 U	0.38 U	0.41 U	
NMeFOSAA	ug/kg								0.43 U	0.4 U	0.43 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.026 U	0.028 U	
Perfluorobutanoic Acid	ug/kg								0.031 U	0.029 U	0.031 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.04 U	0.043 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.023 U	0.024 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.074 U	0.069 U	0.074 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	0.036 U	0.039 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.03 U	0.032 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.032 U	0.034 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.043 U	0.046 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.04 U	0.037 U	0.04 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 U	0.085 U	0.09 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.21 U	0.22 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.095 U	0.089 U	0.095 U	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.085 U	0.079 U	0.085 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	0.056 U	0.059 U	
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.056 U	0.053 U	0.056 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 U	0.037 U	0.04 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.26 U	0.28 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.15 U	0.17 U	
pH	ph units								9.4	8.8	8.7	
Total Organic Carbon	mg/kg								1490	1590	3460	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

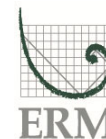
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-037	OS-B-037	OS-B-037
									Sample ID:	OS-B-037(0.7-0.85)(08292019)	OS-B-037(0.85-1.7)(08292019)	OS-B-037(4-5)(08292019)
									Date:	2019-08-29	2019-08-29	2019-08-29
									Laboratory Sample ID:	480-158438-4	480-158438-5	480-158438-6
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.38 U	0.38 U	0.39 U	
NMeFOSAA	ug/kg								0.41 U	0.4 U	0.42 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.026 U	0.027 U	
Perfluorobutanoic Acid	ug/kg								0.029 U	0.029 U	0.03 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.041 U	0.04 U	0.042 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.023 U	0.023 U	0.023 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.07 U	0.069 U	0.071 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.036 U	0.037 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.03 U	0.031 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.032 U	0.033 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.044 U	0.043 U	0.045 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.037 U	0.038 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.085 U	0.085 U	0.087 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	0.21 U	0.26 J	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.089 U	0.089 U	0.092 U	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.08 U	0.08 U	0.082 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.056 U	0.058 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.053 U	0.054 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.037 U	0.038 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.26 U	0.27 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U	0.16 U	
pH	ph units								8.7	8.9	8.8	
Total Organic Carbon	mg/kq								2180	3660	2590	

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-037 OS-B-037(15-16)/(08302019) 2019-08-30 480-158438-11 SO N Y	OS-B-037 OS-B-037(7-8)/(08302019) 2019-08-30 480-158438-10 SO N Y	OS-B-038 OS-B-038(1.2-2)/(08302019) 2019-08-30 480-158438-9 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.39 U	0.38 U	0.37 U
NMeFOSAA	ug/kg								0.41 U	0.4 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.026 U	0.025 U
Perfluorobutanoic Acid	ug/kg								0.029 U	0.029 U	0.028 U
Perfluorodecane Sulfonic Acid	ug/kg								0.041 U	0.04 U	0.039 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.023 U	0.023 U	0.022 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.07 U	0.069 U	0.068 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.037 U	0.036 U	0.035 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.049 U	0.03 U	0.029 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.032 U	0.031 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.044 U	0.043 U	0.042 U
Perfluorononanoic acid (PFNA)	ug/kg								0.038 U	0.037 U	0.036 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.086 U	0.085 U	0.083 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.21 U	0.21 U	0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.51 U	0.089 U	0.087 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.081 U	0.079 U	0.078 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.056 U	0.054 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.053 U	0.051 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.038 U	0.037 U	0.036 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.26 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.15 U	0.15 U
pH	ph units								8.8	8.6	8.4
Total Organic Carbon	mg/kg								4430	1500	3870

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-038	OS-B-038	OS-B-038
									Sample ID:	OS-B-038(1-1.2)(08302019)	OS-B-038(9-10)(09032019)	OS-B-038(44-45)(09172019)
									Date:	2019-08-30	2019-09-03	2019-09-17
									Laboratory Sample ID:	480-158438-8	480-158631-12	480-159461-1
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-038	OS-B-039	OS-B-039
									Sample ID:	OS-B-038(54-55)(09172019)	OS-B-039(0.3-0.4)(09032019)	OS-B-039(0.34-1.3)(09032019)
									Date:	2019-09-17	2019-09-03	2019-09-03
									Laboratory Sample ID:	480-159461-2	480-158631-1	480-158631-2
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.35 U	0.38 U	0.4 U	
NMeFOSAA	ug/kg								0.37 U	0.4 U	0.42 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.024 U	0.025 U	0.027 U	
Perfluorobutanoic Acid	ug/kg								0.027 U	0.85 U	0.29 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.037 U	0.04 U	0.042 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.021 U	0.022 U	0.082 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.064 U	0.068 U	0.072 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.034 U	0.036 U	0.04 J	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.028 U	0.03 U	0.056 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.03 U	0.032 U	0.047 J	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.04 U	0.043 U	0.075 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.034 U	0.037 U	0.05 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.079 U	0.084 U	0.088 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.19 U	0.2 U	0.42 J	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.082 U	0.088 U	0.092 U	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.074 U	0.078 U	0.083 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.052 U	0.055 U	0.058 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.049 U	0.052 U	0.055 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.034 U	0.037 J	0.07 J	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.24 U	2.5 U	2.7 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	1.5 U	1.6 U	
pH	ph units								8.7	8.5	8.4	
Total Organic Carbon	mg/kg								2010	110000	45800	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-039 OS-B-039(2-3)/(09032019) 2019-09-03 480-158631-4 SO N Y	OS-B-039 DUP(09052019) 2019-09-05 480-158779-3 SO FD Y	OS-B-039 OS-B-039(10-11)(09052019) 2019-09-05 480-158779-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.41 U	0.49 U	0.41 U
NMeFOSAA	ug/kg								0.43 U	0.52 U	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.24	0.033 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.074 U	0.081 U	0.08 U
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.052 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.047 U	0.029 U	0.024 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.075 U	0.09 U	0.074 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	0.047 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.039 U	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.041 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.047 U	0.056 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.068 U	0.048 U	0.04 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 U	0.11 U	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.35 J	0.27 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.11 J	0.82	0.81
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.086 U	0.1 U	0.085 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	0.072 U	0.06 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.057 U	0.068 U	0.056 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 U	0.048 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.33 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.2 U	0.17 U
pH	ph units								8.4	8.1	8
Total Organic Carbon	mg/kg								7300	2510	2590

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	OS-B-039	OS-B-039	OS-B-039
									Sample ID:	OS-B-039(8-9)(09052019)	OS-B-039(60-61)(09192019)	OS-B-039(66-67)(09192019)
									Date:	2019-09-05	2019-09-19	2019-09-19
									Laboratory Sample ID:	480-158779-1	480-159575-1	480-159575-2
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								0.38 U	0.44 U	0.41 U	
NMeFOSAA	ug/kg								0.41 U	0.46 U	0.43 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.03 U	0.027 U	
Perfluorobutanoic Acid	ug/kg								0.078 U	0.033 U	0.031 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.041 U	0.046 U	0.043 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.023 U	0.026 U	0.024 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.07 U	0.079 U	0.073 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.041 U	0.038 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.034 U	0.032 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.037 U	0.034 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.044 U	0.05 U	0.046 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.042 U	0.039 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.085 U	0.097 U	0.09 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 J	0.24 U	0.22 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.11 J	0.1 U	0.094 U	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.08 U	0.091 U	0.084 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.064 U	0.059 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.06 U	0.056 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.042 U	0.039 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.3 U	0.27 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.18 U	0.16 U	
pH	ph units								8	8.1	8.2	
Total Organic Carbon	mg/kg								2170	1970	2140 J	

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

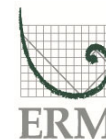
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-040 OS-B-040(0.3-0.4)(09042019) 2019-09-04 480-158726-1 SO N Y	OS-B-040 OS-B-040(0.4-1.3)(09042019) 2019-09-04 480-158726-2 SO N Y	OS-B-040 DUP(09182019) 2019-09-18 480-159546-5 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.38 U	0.38 U	0.4 U
NMeFOSAA	ug/kg								0.4 U	0.4 U	0.42 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.045 J	0.026 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.072 U	0.2 U	0.03 U
Perfluorodecane Sulfonic Acid	ug/kg								0.04 U	0.04 U	0.042 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.023 U	0.023 U	0.024 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.069 U	0.069 U	0.073 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.036 U	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.03 U	0.031 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.032 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.043 U	0.043 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.037 U	0.039 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.084 U	0.084 U	0.089 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	0.21 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.088 U	0.088 U	0.097 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.079 U	0.079 U	0.084 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.055 U	0.056 U	0.059 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.052 U	0.052 U	0.055 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.037 U	0.039 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	2.6 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	1.5 U	0.16 U
pH	ph units								9.6	9	7.9
Total Organic Carbon	mg/kg								13200	3370	1000

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

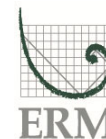
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-040 OS-B-040(10-11)(09182019) 2019-09-18 480-159546-2 SO N Y	OS-B-040 OS-B-040(14-15)(09182019) 2019-09-18 480-159546-3 SO N Y	OS-B-040 OS-B-040(16-17)(09182019) 2019-09-18 480-159546-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.4 U	0.41 U	0.39 U
NMeFOSAA	ug/kg								0.42 U	0.43 U	0.41 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.028 U	0.026 U
Perfluorobutanoic Acid	ug/kg								0.03 U	0.031 U	0.029 U
Perfluorodecane Sulfonic Acid	ug/kg								0.042 U	0.043 U	0.041 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.024 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.072 U	0.074 U	0.07 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.039 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.031 U	0.032 U	0.03 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.034 U	0.032 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.045 U	0.047 U	0.044 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.04 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.089 U	0.15 J	0.086 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.25 J	0.22 U	0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.69	0.12 J	0.23
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.083 U	0.085 U	0.081 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.058 U	0.06 U	0.056 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.055 U	0.057 U	0.053 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.04 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.28 U	0.26 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.17 U	0.16 U
pH	ph units								7.7	7.7	8.7
Total Organic Carbon	mg/kg								3920	790 J	2640

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-040 OS-B-040(8-9)(09182019) 2019-09-18 480-159546-1 SO N Y	OS-B-041 OS-B-041(0.2-1)(09052019) 2019-09-05 480-158782-1 SO N Y	OS-B-041 OS-B-041(0-0.2)(09052019) 2019-09-05 480-158782-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.43 U	0.5 U	0.37 U
NMeFOSAA	ug/kg								0.45 U	0.52 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.034 U	0.025 U
Perfluorobutanoic Acid	ug/kg								0.033 U	0.16 U	0.028 U
Perfluorodecane Sulfonic Acid	ug/kg								0.045 U	0.052 U	0.039 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.026 U	0.11 J	0.25
Perfluorododecanoic acid (PFDoA)	ug/kg								0.078 U	0.09 U	0.32
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.041 U	0.047 U	0.035 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.034 U	0.055 J	0.029 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.036 U	0.042 U	0.031 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.049 U	0.064 J	0.042 U
Perfluorononanoic acid (PFNA)	ug/kg								0.042 U	0.086 J	0.039 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.095 U	0.11 U	0.082 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	0.78	0.84
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.4	1.5 J	0.33
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.089 U	0.17 J	0.077 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.063 U	0.073 U	0.45
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.059 U	0.069 U	0.2
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.042 U	0.048 U	0.2
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	0.34 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.2 U	0.15 U
pH	ph units								7.6	7.9	7.9
Total Organic Carbon	mg/kg								2850	22500	20900

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-041 OS-B-041(11-12)(09242019) 2019-09-24 480-159745-1 SO N Y	OS-B-041 OS-B-041(16-18)(09242019) 2019-09-24 480-159745-2 SO N Y	OS-B-041 OS-B-041(18-20)(09242019) 2019-09-24 480-159745-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.37 U	0.42 U	0.45 U
NMeFOSAA	ug/kg								0.39 U	0.45 U	0.48 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.025 U	0.029 U	0.031 U
Perfluorobutanoic Acid	ug/kg								0.028 U	0.032 U	0.034 U
Perfluorodecane Sulfonic Acid	ug/kg								0.039 U	0.045 U	0.048 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.061 J	0.12 J	0.027 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.068 U	0.077 U	0.082 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.035 U	0.04 U	0.043 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.029 U	0.036 J	0.045 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.031 U	0.036 U	0.038 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.043 U	0.048 U	0.051 U
Perfluorononanoic acid (PFNA)	ug/kg								0.049 J	0.08 J	0.044 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.083 U	0.094 U	0.1 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.75 J	0.61 J	0.24 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.88	1.2	3.1
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.078 U	0.17 J	0.094 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.055 U	0.062 U	0.066 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.052 U	0.059 U	0.062 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.036 U	0.041 U	0.044 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.25 U	0.29 U	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.17 U	0.18 U
pH	ph units								8.4	7.4	8.2
Total Organic Carbon	mg/kg								13300	22800	2180

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-041 OS-B-041(38-39)(09242019) 2019-09-24 480-159745-4 SO N Y	OS-B-042 OS-B-042(10-11)(09262019) 2019-09-26 480-159944-3 SO N Y	OS-B-042 OS-B-042(33-34)(09262019) 2019-09-26 480-159944-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.42 U	0.47 U	0.46 U
NMeFOSAA	ug/kg								0.44 U	0.5 U	0.49 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.032 U	0.031 U
Perfluorobutanoic Acid	ug/kg								0.032 U	0.036 U	0.035 U
Perfluorodecane Sulfonic Acid	ug/kg								0.044 U	0.05 U	0.049 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.025 U	0.028 U	0.028 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.076 U	0.086 U	0.084 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.04 U	0.045 U	0.044 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.033 U	0.17 J	0.036 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.035 U	0.04 U	0.039 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.048 U	0.078 J	0.053 U
Perfluorononanoic acid (PFNA)	ug/kg								0.041 U	0.046 U	0.045 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.093 U	0.1 U	0.11 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.23 U	0.26 U	0.25 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.16 J	2.3	0.11 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.087 U	0.098 U	0.096 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.061 U	0.069 U	0.068 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.058 U	0.065 U	0.064 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.041 U	0.046 U	0.045 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.32 U	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.19 U	0.19 U
pH	ph units								8.3	8.4	8.3
Total Organic Carbon	mg/kg								5550	1270	1340

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-042 OS-B-042(8-9)/(09262019) 2019-09-26 480-159944-1 SO N Y	OS-B-042 OS-B-042(9-10)/(09262019) 2019-09-26 480-159944-2 SO N Y	OS-B-043 OS-B-043(45-46)/(09252019) 2019-09-25 480-159896-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.52 U	0.5 U	0.43 U
NMeFOSAA	ug/kg								0.55 U	0.52 U	0.46 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.035 U	0.034 U	0.029 U
Perfluorobutanoic Acid	ug/kg								0.039 U	0.038 U	0.033 U
Perfluorodecane Sulfonic Acid	ug/kg								0.055 U	0.052 U	0.046 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.031 U	0.03 U	0.026 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.094 U	0.09 U	0.078 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.049 U	0.047 U	0.041 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.11 J	0.14 J	0.034 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.044 U	0.042 U	0.036 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.059 U	0.074 J	0.049 U
Perfluorononanoic acid (PFNA)	ug/kg								0.051 U	0.048 U	0.042 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.12 U	0.11 U	0.13 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.28 U	0.27 U	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		3.1	2.7	0.99
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.11 U	0.1 U	0.09 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.076 U	0.073 U	0.063 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.072 U	0.069 U	0.06 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.051 U	0.048 U	0.042 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.35 U	0.34 U	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	0.2 U	0.18 U
pH	ph units								8.8	8.6	8.4
Total Organic Carbon	mg/kq								840 J	1460	1250

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

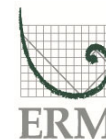
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-043 OS-B-043(6-7)(09252019) 2019-09-25 480-159896-1 SO N Y	OS-B-043 OS-B-043(7-8)(09252019) 2019-09-25 480-159896-2 SO N Y	OS-B-043 OS-B-043(8-9)(09252019) 2019-09-25 480-159896-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								na	0.48 U	0.49 U
NMeFOSAA	ug/kg								na	0.51 U	0.51 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								na	0.033 U	0.033 U
Perfluorobutanoic Acid	ug/kg								na	0.037 U	0.037 U
Perfluorodecane Sulfonic Acid	ug/kg								na	0.051 U	0.051 U
Perfluorodecanoic acid (PFDA)	ug/kg								na	0.029 U	0.029 U
Perfluorododecanoic acid (PFDoA)	ug/kg								na	0.088 U	0.088 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								na	0.046 U	0.046 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								na	0.038 U	0.091 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								na	0.041 U	0.041 U
Perfluorohexanoic acid (PFHxA)	ug/kg								na	0.055 U	0.055 U
Perfluorononanoic acid (PFNA)	ug/kg								na	0.047 U	0.047 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								na	0.11 U	0.11 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		na	0.26 U	0.26 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		na	0.53	2.8
Perfluoropentanoic Acid (PFPeA)	ug/kg								na	0.1 U	0.1 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								na	0.071 U	0.071 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								na	0.067 U	0.067 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								na	0.047 U	0.047 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								na	0.33 U	0.33 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								na	0.2 U	0.2 U
pH	ph units								8.4	8.4	8.4
Total Organic Carbon	mg/kg								na	1750	8390

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-044 OS-B-044(11-12)(09262019) 2019-09-26 480-159948-2 SO N Y	OS-B-044 OS-B-044(38-39)(09262019) 2019-09-26 480-159948-3 SO N Y	OS-B-045 OS-B-045(17.5-18)(09302019) 2019-09-30 480-160165-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.51 U	0.38 U	0.47 U
NMeFOSAA	ug/kg								0.54 U	0.4 U	0.49 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.035 U	0.025 U	0.032 U
Perfluorobutanoic Acid	ug/kg								0.039 U	0.028 U	0.035 U
Perfluorodecane Sulfonic Acid	ug/kg								0.054 U	0.04 U	0.049 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.031 U	0.022 U	0.028 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.093 U	0.068 U	0.085 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.049 U	0.035 U	0.044 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.04 U	0.029 U	0.037 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.043 U	0.031 U	0.039 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.058 U	0.043 U	0.053 U
Perfluorononanoic acid (PFNA)	ug/kg								0.05 U	0.037 U	0.045 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.12 J	0.1 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.28 U	0.2 U	0.26 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.84	0.087 U	0.41
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.11 U	0.078 U	0.097 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.075 U	0.055 U	0.068 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.071 U	0.052 U	0.064 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.05 U	0.037 U	0.045 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.35 U	0.25 U	0.32 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.21 U	0.15 U	0.19 U
pH	ph units								8.7	8.8	8.3
Total Organic Carbon	mg/kg								2390	1980	770 J

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

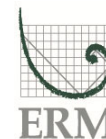
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-045 OS-B-045(9-10)(09302019) 2019-09-30 480-160165-1 SO N Y	OS-B-045 OS-B-045(20-21)(10012019) 2019-10-01 480-160165-4 SO N Y	OS-B-045 OS-B-045(39-40)(10012019) 2019-10-01 480-160165-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.38 U	0.49 U	0.48 U
NMeFOSAA	ug/kg								0.4 U	0.52 U	0.51 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.033 U	0.032 U
Perfluorobutanoic Acid	ug/kg								0.059 J	0.037 U	0.036 U
Perfluorodecane Sulfonic Acid	ug/kg								0.04 U	0.052 U	0.051 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.08 J	0.029 U	0.029 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.069 U	0.089 U	0.087 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.046 U	0.045 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.038 U	0.038 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.041 U	0.04 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.043 U	0.055 U	0.054 U
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.048 U	0.047 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.085 U	0.11 U	0.11 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.47 U	0.26 U	0.26 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.57	0.11 U	0.11 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.08 U	0.1 U	0.1 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.071 U	0.07 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.067 U	0.066 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.048 U	0.047 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.33 U	0.32 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.2 U	0.19 U
pH	ph units								8.4	8.9	8.5
Total Organic Carbon	mg/kg								6240	2320	2230

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-047 OS-B-047(0.6-0.8)(10022019) 2019-10-02 480-160318-1 SO N Y	OS-B-047 OS-B-047(0.8-1.6)(10022019) 2019-10-02 480-160318-2 SO N Y	OS-B-047 OS-B-047(7-8)(10022019) 2019-10-02 480-160318-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.38 U	0.37 U	0.46 U
NMeFOSAA	ug/kg								0.4 U	0.39 U	0.48 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.026 U	0.025 U	0.031 U
Perfluorobutanoic Acid	ug/kg								0.029 U	0.028 U	0.074 J
Perfluorodecane Sulfonic Acid	ug/kg								0.04 U	0.039 U	0.048 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.022 U	0.022 U	0.027 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.069 U	0.067 U	0.083 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.036 U	0.035 U	0.043 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.029 U	0.036 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.031 U	0.038 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.043 U	0.042 U	0.052 U
Perfluorononanoic acid (PFNA)	ug/kg								0.037 U	0.036 U	0.044 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.084 U	0.082 U	0.1 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.2 U	0.2 U	0.3 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.11 J	0.21	0.32
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.079 U	0.077 U	0.095 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.055 U	0.054 U	0.067 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.052 U	0.051 U	0.063 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.037 U	0.036 U	0.044 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.25 U	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.15 U	0.15 U	0.19 U
pH	ph units								9.1	8.9	8.1
Total Organic Carbon	mg/kg								6080	14000	2290

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: OS-B-047 Sample ID: OS-B-047(89-90)(10032019) Date: 2019-10-03 Laboratory Sample ID: 480-160368-4 Matrix: SO Sample Type: N Validate - Y/N: Y									OS-B-047 OS-B-047(118-119)(10042019) 2019-10-04 480-160368-6 SO N Y	OS-B-047 OS-B-047(118-119)(10042019) 2019-10-04 480-160368-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.41 U	0.4 U
NMeFOSAA	ug/kg								0.43 U	0.42 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.036 J	0.087 J
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.042 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.023 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.074 U	0.072 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	0.037 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.075 J	0.057 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.033 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.052 J	0.064 J
Perfluorononanoic acid (PFNA)	ug/kg								0.04 U	0.038 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 U	0.088 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.39 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		6.7	5
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.086 U	0.082 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	0.058 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.057 U	0.054 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 U	0.038 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.16 U
pH	ph units								8.9	8.8
Total Organic Carbon	mg/kg								1600	1730

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-048 OS-B-048(0.17-1)(12052019)-S1 2019-12-05 480-163716-2 SO N Y	OS-B-048 OS-B-048(0-0.17)(12052019)-S1 2019-12-05 480-163716-1 SO N Y	OS-B-048 DUP(12162019)-E1 2019-12-16 480-164366-3 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.39 U	0.41 U	0.43 U
NMeFOSAA	ug/kg								0.41 U	0.43 U	0.45 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.038 J	0.042 J	0.029 U
Perfluorobutanoic Acid	ug/kg								0.17 U	0.25 U	0.15 U
Perfluorodecane Sulfonic Acid	ug/kg								0.054 J	0.043 U	0.045 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.074 J	0.1 J	0.025 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.07 U	0.074 U	0.077 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.037 U	0.039 U	0.04 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.03 U	0.039 J	0.19 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.032 U	0.034 U	0.036 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.044 U	0.072 J	0.096 U
Perfluorononanoic acid (PFNA)	ug/kg								0.072 J	0.081 J	0.065 J
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.086 U	0.091 U	0.095 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		1.6 J	1.8	0.34 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.39	0.45	5.3
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.11 J	0.1 J	0.089 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.056 U	0.06 U	0.062 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.053 U	0.056 U	0.059 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.047 J	0.081 J	0.042 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.26 U	0.28 U	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.17 U	0.17 U
pH	ph units								7.4	7.1	8.5
Total Organic Carbon	mg/kg								11400 J	24800	4770

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: OS-B-048 Sample ID: OS-B-048(12-13)(12162019)-E1 Date: 2019-12-16 Laboratory Sample ID: 480-164366-4 Matrix: SO Sample Type: N Validate - Y/N: Y									OS-B-048 OS-B-048(6-7)(12162019)-E1 2019-12-16 480-164366-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.44 U	0.41 U
NMeFOSAA	ug/kg								0.46 U	0.43 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.029 U	0.027 U
Perfluorobutanoic Acid	ug/kg								0.11 U	0.16 U
Perfluorodecane Sulfonic Acid	ug/kg								0.046 U	0.043 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.026 U	0.024 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.079 U	0.074 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.041 U	0.038 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.17 J	0.085 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.037 U	0.034 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.049 U	0.046 U
Perfluorononanoic acid (PFNA)	ug/kg								0.19 J	0.04 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.097 U	0.09 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.24 U	0.27 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		2.2	3
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.091 U	0.085 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.064 U	0.059 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.06 U	0.056 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.042 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.29 U	0.27 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.18 U	0.16 U
pH	ph units								8.6	7.2
Total Organic Carbon	mg/kg								2010	10000

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-048 OS-B-048(9-10)(12162019)-E1 2019-12-16 480-164366-2 SO N Y	SAN-01-04 SAN-01-04(6-8)(07112018) 2018-07-11 480-138812-1 SO N Y	SAN-01-10 SAN-01-10(7-9)(07112018) 2018-07-11 480-138812-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.42 U	0.44 U	0.43 U
NMeFOSAA	ug/kg								0.44 U	0.46 U	0.46 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.03 U	0.029 U
Perfluorobutanoic Acid	ug/kg								0.16 U	0.052 J	0.033 U
Perfluorodecane Sulfonic Acid	ug/kg								0.044 U	0.046 U	0.046 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.025 U	0.026 U	0.026 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.076 U	0.079 U	0.078 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.04 U	0.041 U	0.041 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.12 J	0.034 U	0.034 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.035 U	0.037 U	0.036 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.072 U	0.05 U	0.049 U
Perfluorononanoic acid (PFNA)	ug/kg								0.045 J	0.043 U	0.042 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.093 U	0.097 U	0.096 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.39 U	0.24 U	0.23 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		4.1	0.22 J	0.1 U
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.087 U	0.091 U	0.09 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.061 U	0.064 U	0.063 U
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.058 U	0.06 U	0.06 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.041 U	0.043 U	0.042 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	0.3 U	0.29 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	0.18 U	0.18 U
pH	ph units								8.1	9.2	7.8
Total Organic Carbon	mg/kg								3530	560 J	790 J

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

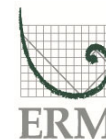
FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

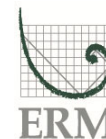
Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-02-04 SAN-02-04(14'-16')(07242018) 2018-07-24 480-139431-5 SO N Y	SAN-02-10 SAN-02-10(14-16)(07192018) 2018-07-19 480-139322-4 SO N Y	SAN-03-04 DUP(13-15)(07192018) 2018-07-19 480-139322-2 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NetFOSAA	ug/kg								0.41 U	2.3 U	2.5 U
NMeFOSAA	ug/kg								0.43 U	2.3 U	2.5 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 U	0.23 U	0.25 U
Perfluorobutanoic Acid	ug/kg								0.036 U	0.042 U	0.22 U
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.23 U	0.25 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.23 U	0.25 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.074 U	0.23 U	0.25 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 U	0.23 U	0.25 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.23 U	0.08 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.23 U	0.25 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.047 U	0.23 U	0.25 U
Perfluorononanoic acid (PFNA)	ug/kg								0.04 U	0.23 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 U	0.23 U	0.25 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.56 U	0.64 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.4	0.23	1.4
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.086 U	0.23 U	0.25 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 U	0.23 U	0.25 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.057 U	0.23 U	0.25 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 U	0.23 U	0.25 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 U	2.3 U	2.5 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 U	2.3 U	2.5 U
pH	ph units								8.4	8.1	6.9
Total Organic Carbon	mg/kg								3680	650 J	7720

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



									Location:	SAN-03-04	SAN-03-10	SAN-04-06
									Sample ID:	SAN-03-04(13-15)(07192018)	SAN-03-10(10-15)(07192018)	SAN-04-06(8'-10')(07232018)
									Date:	2018-07-19	2018-07-19	2018-07-23
									Laboratory Sample ID:	480-139322-1	480-139322-3	480-139431-3
									Matrix:	SO	SO	SO
									Sample Type:	N	N	N
									Validate - Y/N	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	
NEtFOSAA	ug/kg								2.5 U	2.7 U	0.42 U	
NMeFOSAA	ug/kg								2.5 U	2.7 U	0.45 U	
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.25 U	0.27 U	0.029 U	
Perfluorobutanoic Acid	ug/kg								0.21 U	0.33	0.071 U	
Perfluorodecane Sulfonic Acid	ug/kg								0.25 U	0.27 U	0.045 U	
Perfluorodecanoic acid (PFDA)	ug/kg								0.25 U	0.031 J	0.025 U	
Perfluorododecanoic acid (PFDoA)	ug/kg								0.25 U	0.27 U	0.077 U	
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.25 U	0.27 U	0.04 U	
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.095 J	0.074 J	0.033 U	
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.25 U	0.27 U	0.036 U	
Perfluorohexanoic acid (PFHxA)	ug/kg								0.25 U	0.27 U	0.048 U	
Perfluorononanoic acid (PFNA)	ug/kg								0.25 U	0.27 U	0.041 U	
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.25 U	0.27 U	0.094 U	
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.62 U	0.69 U	0.23 U	
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		1.3	2	0.12 J	
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.25 U	0.27 U	0.088 U	
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.25 U	0.27 U	0.062 U	
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.25 U	0.27 U	0.058 U	
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.25 U	0.27 U	0.041 U	
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								2.5 U	2.7 U	0.29 U	
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								2.5 U	2.7 U	0.17 U	
pH	ph units								7.4	6.9	8.9	
Total Organic Carbon	mg/kg								8130	17100	3100	

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-04-10 SAN-04-10(8'-10')(07232018) 2018-07-23 480-139431-2 SO N Y	SAN-05-04 DUP (6-8) (07102018) 2018-07-10 480-138700-2 SO FD Y	SAN-05-04 SAN-05-04 (6-8) (07102018) 2018-07-10 480-138700-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.48 U	2.1 U	2.1 U
NMeFOSAA	ug/kg								0.5 U	2.1 U	2.1 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.032 U	0.21 U	0.21 U
Perfluorobutanoic Acid	ug/kg								0.059 U	0.029 J	0.041 J
Perfluorodecane Sulfonic Acid	ug/kg								0.05 U	0.21 U	0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.028 U	0.21 U	0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.086 U	0.21 U	0.21 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.045 U	0.21 U	0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.037 U	0.21 U	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.04 U	0.21 U	0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.054 U	0.21 U	0.21 U
Perfluorononanoic acid (PFNA)	ug/kg								0.046 U	0.21 U	0.21 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.11 U	0.21 U	0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.26 U	0.52 U	0.52 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.26	0.29	0.16 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.099 U	0.21 U	0.21 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.07 U	0.21 U	0.21 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.066 U	0.21 U	0.21 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.046 U	0.21 U	0.21 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.32 U	2.1 U	2.1 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.19 U	0.53 U	2.1 U
pH	ph units								8.4	8.5	8.4
Total Organic Carbon	mg/kg								4190	2680	3540

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-05-10 SAN-05-10(6'-8')(07232018) 2018-07-23 480-139431-1 SO N Y	SAN-06-04 SAN-06-04(8'-10')(07242018) 2018-07-24 480-139431-4 SO N Y	SAN-06-10 SAN-06-10-(8-10)(07242018) 2018-07-24 480-139505-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER			
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.4 U	0.4 U	0.41 U
NMeFOSAA	ug/kg								0.43 U	0.42 U	0.44 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.027 U	0.027 U	0.028 U
Perfluorobutanoic Acid	ug/kg								0.058 U	0.13 U	0.031 U
Perfluorodecane Sulfonic Acid	ug/kg								0.043 U	0.042 U	0.044 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 U	0.024 U	0.025 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.073 U	0.073 U	0.075 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.038 U	0.038 U	0.039 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.032 U	0.032 U	0.032 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 U	0.034 U	0.035 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.046 U	0.046 U	0.047 U
Perfluorononanoic acid (PFNA)	ug/kg								0.039 U	0.039 U	0.04 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.09 U	0.089 U	0.091 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 U	0.22 U	0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.17 J	0.17 J	0.51
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.084 U	0.084 U	0.086 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.059 U	0.059 U	0.06 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.056 U	0.055 U	0.057 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.039 U	0.039 U	0.04 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.27 U	0.27 U	0.28 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.16 U	0.16 U	0.17 U
pH	ph units								8.5	9.4	8.5
Total Organic Carbon	mg/kg								6960	14500	5600

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-07-04 SAN-07-04 (10'-12') (07172018) 2018-07-17 480-139067-2 SO N Y		SAN-07-10 SAN-07-10 (10'-12') (07172018) 2018-07-17 480-139067-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO		
NEtFOSAA	ug/kg								0.46 U	0.51 U		
NMeFOSAA	ug/kg								0.49 U	0.54 U		
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.1 J	0.035 U		
Perfluorobutanoic Acid	ug/kg								0.084 J	0.066 J		
Perfluorodecane Sulfonic Acid	ug/kg								0.049 U	0.054 U		
Perfluorodecanoic acid (PFDA)	ug/kg								0.027 U	0.031 U		
Perfluorododecanoic acid (PFDoA)	ug/kg								0.083 U	0.093 U		
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.41	0.049 U		
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.036 U	0.04 U		
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								3.1	0.043 U		
Perfluorohexanoic acid (PFHxA)	ug/kg								0.052 U	0.058 U		
Perfluorononanoic acid (PFNA)	ug/kg								0.045 U	0.05 U		
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.1 U	0.11 U		
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		21	0.28 J		
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.11 U	0.66		
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.096 U	0.11 U		
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.067 U	0.075 U		
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.063 U	0.071 U		
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.045 U	0.05 U		
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.31 U	0.35 U		
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.35 J	0.21 U		
pH	ph units								8.1	8.2		
Total Organic Carbon	mg/kg								5100	4470		

Notes and Abbreviations
 ug/kg - micrograms per kilogram
 U - Compound not detected
 J - Estimated value
 N - Primary sample
 FD - Field duplicate sample
 na - Sample not analyzed for this parameter
 Bold value indicates detected value
 Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-08-04 SAN-08-04-(10-12)(07242018) 2018-07-24 480-139505-3 SO N Y	SAN-08-10 SAN-08-10-(10-12)(07242018) 2018-07-24 480-139505-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.54 U	0.53 U
NMeFOSAA	ug/kg								0.57 U	0.56 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.037 U	0.036 U
Perfluorobutanoic Acid	ug/kg								0.056 U	0.066 U
Perfluorodecane Sulfonic Acid	ug/kg								0.057 U	0.056 U
Perfluorodecanoic acid (PFDA)	ug/kg								0.032 U	0.031 U
Perfluorododecanoic acid (PFDoA)	ug/kg								0.098 U	0.096 U
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.051 U	0.05 U
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.052 J	0.085 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.045 U	0.044 U
Perfluorohexanoic acid (PFHxA)	ug/kg								0.061 U	0.06 U
Perfluorononanoic acid (PFNA)	ug/kg								0.053 U	0.051 U
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.12 U	0.12 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.29 U	0.29 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		4.1	5.5
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.11 U	0.11 U
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.079 U	0.077 U
Perfluorotridecanoic Acid (PFTrIA)	ug/kg								0.074 U	0.073 U
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.053 U	0.051 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.37 U	0.36 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.22 U	0.21 U
pH	ph units								8.5	8.2
Total Organic Carbon	mg/kg								1830	2720

Notes and Abbreviations

ug/kg - micrograms per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Guidance

Table 9
Analytical Results for PFAS, pH and TOC from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-09-04 SAN-09-04(13'-15')(07192018) 2018-07-19 480-139275-2 SO N Y	SAN-09-10 SAN-09-10(13'-15')(07162018) 2018-07-19 480-139275-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER		
PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO	PFAS_SO
NEtFOSAA	ug/kg								0.41 UJ	0.4 UJ
NMeFOSAA	ug/kg								0.43 UJ	0.42 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg								0.028 UJ	0.027 UJ
Perfluorobutanoic Acid	ug/kg								0.062 UJ	0.038 UJ
Perfluorodecane Sulfonic Acid	ug/kg								0.043 UJ	0.042 UJ
Perfluorodecanoic acid (PFDA)	ug/kg								0.024 UJ	0.024 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg								0.074 UJ	0.073 UJ
Perfluoroheptane Sulfonate (PFHPS)	ug/kg								0.039 UJ	0.038 UJ
Perfluoroheptanoic acid (PFHpA)	ug/kg								0.25 J	0.032 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg								0.034 UJ	0.034 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg								0.16 J	0.046 UJ
Perfluorononanoic acid (PFNA)	ug/kg								0.04 UJ	0.039 UJ
Perfluorooctane Sulfonamide (FOSA)	ug/kg								0.091 UJ	0.089 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	0.88	3.7	8.8	44	440	440		0.22 UJ	0.22 UJ
Perfluorooctanoic acid (PFOA)	ug/kg	0.66	1.1	6.6	33	500	600		0.91 J	0.13 J
Perfluoropentanoic Acid (PFPeA)	ug/kg								0.085 UJ	0.084 UJ
Perfluorotetradecanoic acid (PFTA)	ug/kg								0.06 UJ	0.059 UJ
Perfluorotridecanoic Acid (PFTriA)	ug/kg								0.056 UJ	0.056 UJ
Perfluoroundecanoic Acid (PFUnA)	ug/kg								0.04 UJ	0.039 UJ
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE	ug/kg								0.28 UJ	0.27 UJ
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE	ug/kg								0.17 UJ	0.16 UJ
pH	ph units								7.5	7.6
Total Organic Carbon	mg/kq								4140 J	3020

Notes and Abbreviations
ug/kg - micrograms per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Guidance

Table 10

Analytical Results for PFAS, pH and TOC from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	JS-APS-001	JS-APS-001	JS-APS-001	JS-APS-001	JS-APS-001	JS-APS-001	JS-APS-001	JS-APS-002	JS-APS-002	JS-APS-002	JS-APS-002
				Sample Date:	08/09/2016	08/09/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/10/2016	08/04/2016	08/05/2016	08/08/2016	08/08/2016
				Sample Depth:	14.1 ft	46.2 ft	53.5 ft	64.9 ft	76.9 ft	76.9 ft	7.4 ft	47.4 ft	64.2 ft	69.4 ft	
				Sample Type:	N	N	N	N	FD	N	N	N	N	N	N
Constituent	Units	NYSDEC PFAS Guidance	NYSDEC TOGS111 GA STANDARD												
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 modified															
Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	5 U	4 U	9 U	9 U	8 U	10 U	11	4 U	10	10 J		
Perfluorodecanoic acid (PFDA)	ng/l	-	-	4	2	1 J	80 J	1 UJ	1 U	2	2 J	2	1 U		
Perfluorododecanoic acid (PFDoA)	ng/l	-	-	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U		
Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	27	82	16	38	41	37	30	130	20	18		
Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U		
Perfluorohexanoic acid (PFHxA)	ng/l	-	-	23 J	59 J	12	27 J	44 J	46	25	91	15	16		
Perfluorononanoic acid (PFNA)	ng/l	-	-	7	12	3	1 U	1 J	1 U	1 J	6	3	1 J		
Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	5 U	5 U	5 U	5 UJ	5 U	5 U	5 J	5 U	5 U	5 U		
Perfluorooctanoic acid (PFOA)	ng/l	10	-	2600 J	5300 J	1600	1300 J	300 J	330	1500	4600	1300	920		
Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	3 U	3 U	3 UJ	3 UJ	3 UJ	3 UJ	4 J	3 U	4 U	3 U		
Perfluorotridecanoic Acid (PFTriA)	ng/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U		
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2 U	2 U	2 U	55 J	2 UJ	2 U	2 U	2 U	2 U	2 U		
pH by Standard Method 9045D															
pH	pH units	-	6.5 - 8.5	7.8	8.2	8.1	8	na	8	7.5	8.1	8.2	8.1		
Total Organic Carbon by Lloyd Kahn Method															
Total Organic Carbon	mg/l	-	-	1.7	1.5	0.59 J	1.9	0.5 U	0.5 U	1.2	1.6	0.76 J	0.5 U		

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - milligrams per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

 Exceedance of NYS Guidance or Standard

Table 10

Analytical Results for PFAS, pH and TOC from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	JS-APS-002	JS-APS-003	JS-APS-003	JS-APS-003	JS-APS-003	JS-APS-003	JS-APS-003	JS-APS-004	JS-APS-004	JS-APS-004	JS-APS-004
				Sample Date:	08/09/2016	08/03/2016	08/03/2016	08/03/2016	08/03/2016	08/04/2016	08/04/2016	08/08/2016	08/09/2016	08/09/2016	08/09/2016
				Sample Depth:	83.9 ft	8.8 ft	48.3 ft	59.7 ft	74.7 ft	88.5 ft	61.9 ft	66.1 ft	79.4 ft	79.4 ft	111.5 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N	N
Constituent	Units	NYSDEC PFAS Guidance	NYSDEC TOGS111 GA STANDARD												
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 mo															
Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	4 U	7 J	4 U	4 U	4 U	4 U	4 U	4 U	4 U	5 U	4 U	4 U
Perfluorodecanoic acid (PFDA)	ng/l	-	-	1 UJ	2 J	1 U	1 U	1 U	1 U	1 U	1 U	1 J	1 U	1 U	1 U
Perfluorododecanoic acid (PFDoA)	ng/l	-	-	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	38 J	20 J	66	30	75	160	22	130 J	140 J	140 J	150 J	150 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	4 U	4 U	4 U	8 J	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Perfluorohexanoic acid (PFHxA)	ng/l	-	-	37 J	18 J	51	21	95	160	19 J	130 J	120 J	120 J	200 J	200 J
Perfluorononanoic acid (PFNA)	ng/l	-	-	1 U	1 J	3	1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	8 J	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Perfluorooctanoic acid (PFOA)	ng/l	10	-	450 J	580 J	3500	820	1100	1800	460	1600 J	3500 J	3500 J	1900 J	1900 J
Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	3 UJ	3 U	3 U	3 UJ	3 U	3 U	3 U	3 U	3 J	3 UJ	4 J	4 J
Perfluorotridecanoic Acid (PFTrIA)	ng/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 J	2 UJ	2 UJ
pH by Standard Method 9045D															
pH	pH units	-	6.5 - 8.5	8.1	7.7	8	na	8.1	8.1	na	8.2	8.2	8.2	8.1	8.1
Total Organic Carbon by Lloyd Kahn Method															
Total Organic Carbon	mg/l	-	-	1.6	0.94 J	0.81 J	0.51 J	0.73 J	0.5 U	0.98 J	0.9 J	0.9 J	0.9 J	1.1	1.1

Notes and Abbreviations

ng/L - nanograms per liter
mg/L - milligrams per liter
U - Compound not detected
J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

 Exceedance of NYS Guidance or Standard

Table 10

Analytical Results for PFAS, pH and TOC from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



Location ID:				JS-APS-005	JS-APS-005	JS-APS-005	JS-APS-005	JS-APS-005	OS-APS-024	OS-APS-025	OS-APS-025	OS-APS-025	OS-APS-026
Sample Date:				08/03/2016	08/03/2016	08/04/2016	08/04/2016	08/04/2016	09/28/2016	10/04/2016	10/04/2016	10/04/2016	10/05/2016
Sample Depth:				10.3 ft	10.3 ft	55 ft	62.1 ft	112.2 ft	40.2 ft	16.2 ft	21.8 ft	26.3 ft	15.2 ft
Sample Type:				FD	N	N	N	N	N	N	N	N	N
Constituent	Units	NYSDEC PFAS Guidance	NYSDEC TOGS111 GA STANDARD										
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 mo													
Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	4 U	10 J	4 U	4 U	4 U	4 UJ	4 UJ	4 J	4 UJ	10 J
Perfluorodecanoic acid (PFDA)	ng/l	-	-	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Perfluorododecanoic acid (PFDoA)	ng/l	-	-	3 U	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	13 J	8 J	15	25	94	17 J	7 J	17	19	11
Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	4 U	4 UJ	8 J	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Perfluorohexanoic acid (PFHxA)	ng/l	-	-	8 J	1 UJ	12	18	160	12	8	12	21	10
Perfluorononanoic acid (PFNA)	ng/l	-	-	1 U	2 J	1 U	1 U	1 U	1 U	1 U	1 J	1 U	1 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	5 U	7 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	7 J
Perfluorooctanoic acid (PFOA)	ng/l	10	-	310 J	290 J	180	650	730	630	320	540	440	370
Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	3 U	3 UJ	4 J	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Perfluorotridecanoic Acid (PFTrIA)	ng/l	-	-	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
pH by Standard Method 9045D													
pH	pH units	-	6.5 - 8.5	na	7.8	8	8.1	na	8.2	7.4	7.8	7.8	7.3
Total Organic Carbon by Lloyd Kahn Method													
Total Organic Carbon	mg/l	-	-	1.6	2.5	0.5 U	0.5 U	0.98 J	0.8 J	1.5	1.3	1.4	1.6

Notes and Abbreviations

ng/L - nanograms per liter
mg/L - milligrams per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

 Exceedance of NYS Guidance or Standard

Table 10

Analytical Results for PFAS, pH and TOC from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	OS-APS-026	OS-APS-026	OS-APS-026	OS-APS-027	OS-APS-027	OS-APS-028	OS-APS-028
				Sample Date:	10/05/2016	10/05/2016	10/05/2016	10/06/2016	10/06/2016	09/29/2016	10/03/2016
				Sample Depth:	34.1 ft	50.4 ft	70.3 ft	17.51 ft	105.7 ft	89.9 ft	94.4 ft
				Sample Type:	N	N	N	N	N	N	N
Constituent	Units	NYSDEC PFAS Guidance	NYSDEC TOGS111 GA STANDARD								
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 mo											
Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	4 U	4 U	4 U	5 J	4 U	4 UJ	8 UJ	
Perfluorodecanoic acid (PFDA)	ng/l	-	-	1 U	1 U	1 U	1 U	1 U	1 U	2 U	
Perfluorododecanoic acid (PFDoA)	ng/l	-	-	3 U	3 U	3 U	3 U	3 U	3 U	6 U	
Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	61	41	21	12	14	100	120	
Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	4 U	4 U	4 U	4 U	4 U	4 U	8 U	
Perfluorohexanoic acid (PFHxA)	ng/l	-	-	56	29	55	13	13	97	120	
Perfluorononanoic acid (PFNA)	ng/l	-	-	1 U	3	1 U	1 J	1 U	1 U	2 U	
Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	5 U	5 U	5 U	7 J	5 U	5 U	10 U	
Perfluorooctanoic acid (PFOA)	ng/l	10	-	1800	1900	130	320	260	2800	3200	
Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	3 U	3 U	3 U	3 U	3 U	3 U	6 U	
Perfluorotridecanoic Acid (PFTriA)	ng/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	4 U	
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	4 U	
pH by Standard Method 9045D											
pH	pH units	-	6.5 - 8.5	8	8	8	7.4	8.1	8.3	na	
Total Organic Carbon by Lloyd Kahn Method											
Total Organic Carbon	mg/l	-	-	1.4	1.7	0.99 J	2	0.74 J	1.3	0.5 U	

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - milligrams per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

 Exceedance of NYS Guidance or Standard

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-001 IRM-TW-001(10102019) 2019-10-10 480-160865-5 WG N Y	IRM-TW-001 IRM-TW-001(12172019)-B6 2019-12-17 480-164415-8 WG N Y	IRM-TW-001 DUP(01212020) 2020-01-21 480-165418-10 WG FD Y	IRM-TW-001 IRM-TW-001(01212020) 2020-01-21 480-165418-8 WG N Y	IRM-TW-001 DUP (03252020) 2020-03-25 460-205927-3 WG FD Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD					
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.8 U	1.8 U	1.8 U	1.7 U
NMeFOSAA	ng/l			2.9 U	2.9 U	2.9 U	2.9 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.6 J	1 J	0.79 J	0.81 J	1.3 J
Perfluorobutanoic Acid	ng/l			2.3	3.8	2.2 U	2.4 U	5 U
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.3 U	0.3 U	0.3 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			1.6 J	0.29 U	0.29 U	0.29 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.52 U	0.52 U	0.52 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.18 U	0.18 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			9.2	7.6	5	5.3	8.6
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.7 U	0.38 U	0.4 U	0.41 U	0.41 U
Perfluorohexanoic acid (PFHxA)	ng/l			5.4	5.6	3.9 U	3.6 U	7.2
Perfluorononanoic acid (PFNA)	ng/l			1.1 J	0.42 J	0.54 J	0.54 J	0.54 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 J	0.33 U	0.33 U	0.33 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.6 U	0.51 U	0.78 J	0.77 J	0.93 J
Perfluorooctanoic acid (PFOA)	ng/l	10		330	720 J	400	420	480 J
Perfluoropentanoic Acid (PFPeA)	ng/l			1.5 J	3.5	1.9	2	5.1
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.27 U	0.27 U	0.27 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.9 U	1.9 U	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.9 U	1.9 U	1.9 U	1.8 U
pH	ph units		8.5	6.99	8.22	7.12	7.14	7.65
Total Organic Carbon	mg/l			1.1	2.9 J	6.3	6.8	1.3 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-001 IRM-TW-001 (03252020) 2020-03-25 460-205927-1 WG N Y	IRM-TW-001 DUP(06222020) 2020-06-22 460-211751-5 WG FD Y	IRM-TW-001 IRM-TW-001(06222020)-B1 2020-06-22 460-211751-1 WG N Y	IRM-TW-001 IRM-TW-001(10212020) 2020-10-21 460-221392-11 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.7 U	1.7 U	1.1 U
NMeFOSAA	ng/l			2.8 U	2.8 U	2.8 U	0.99 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.2 J	1.9	1.7 J	2.1
Perfluorobutanoic Acid	ng/l			4.6 U	2.5 U	2.4 U	3.6 J
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.29 U	0.26 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.28 U	0.31 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.5 U	0.5 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.17 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			8	4.2	3.8	6.7
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.41 U	0.52 U	0.43 U	0.59 J
Perfluorohexanoic acid (PFHxA)	ng/l			6.9	4.6	4.5	5.1
Perfluorononanoic acid (PFNA)	ng/l			0.49 J	0.34 J	0.4 J	0.43 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	0.49 U	0.39 U	0.81 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1 J	0.7 J	0.75 J	1 J
Perfluorooctanoic acid (PFOA)	ng/l	10		450 J	200	200	270
Perfluoropentanoic Acid (PFPeA)	ng/l			4.9	1.5 J	1.3 J	2.2
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.26 U	0.26 U	0.6 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.99 U	1 U	1 U	0.91 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.8 U	1.8 U	0.38 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.8 U	1.8 U	2.1 U
pH	ph units		8.5	7.78	8.1	8	7.79
Total Organic Carbon	mg/l			1.5 J	0.98 J	0.94 J	0.82 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-001 IRM-TW-001 (02022021) 2021-02-02 460-227614-1 WG N Y	IRM-TW-002 IRM-TW-002(10112019) 2019-10-11 480-160865-9 WG N Y	IRM-TW-002 IRM-TW-002(12182019)-B6 2019-12-18 480-164415-14 WG N Y	IRM-TW-002 IRM-TW-002(01202020) 2020-01-20 480-165418-4 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.1 U	1.8 U	1.9 U	1.8 U
NMeFOSAA	ng/l			1 U	2.9 U	3.1 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.81 J	1.9	0.2 U	0.19 U
Perfluorobutanoic Acid	ng/l			2.1 U	2.5	6.5	2.3 U
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.3 U	0.32 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.41 J	1.5 J	0.31 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	0.51 U	0.55 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.16 U	0.18 U	0.19 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			4.6	7.2	0.25 U	0.36 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.49 U	0.61 U	0.31 U	0.28 U
Perfluorohexanoic acid (PFHxA)	ng/l			3.2	3.9	0.58 U	0.67 U
Perfluorononanoic acid (PFNA)	ng/l			0.67 J	1.4 J	0.27 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.85 U	0.32 U	0.35 U	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1.8	2.2	0.54 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		330	270	7.3	21
Perfluoropentanoic Acid (PFPeA)	ng/l			1.6 J	1.4 J	3.1	1 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.63 U	0.27 U	0.29 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.2 U	1.3 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.95 U	1 U	1.1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.4 U	1.8 U	2 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			3.7 J	1.8 U	2 U	1.9 U
pH	ph units		8.5	7.62	7.24	7	7.59
Total Organic Carbon	mg/l			1.1	1.1	258	21.6

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-002 IRM-TW-002 (03252020) 2020-03-25 460-205927-2 WG N Y	IRM-TW-002 IRM-TW-002(06232020)-B1 2020-06-23 460-211844-2 WG N Y	IRM-TW-002 IRM-TW-002(10212020) 2020-10-21 460-221392-13 WG N Y	IRM-TW-002 IRM-TW-002 (02032021) 2021-02-03 460-227796-8 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.7 U	1.1 U	1.2 U
NMeFOSAA	ng/l			2.9 U	2.8 U	1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 U	0.26 J	0.63 J	0.3 J
Perfluorobutanoic Acid	ng/l			2.2 U	2.7 U	4.5	2.2 J
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.29 U	0.27 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.28 U	0.29 J	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.5 U	0.47 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.17 U	0.16 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.23 U	0.25 U	0.35 J	0.31 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.26 U	0.37 U	0.49 U	0.53 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.58 J	1.1 J	1.7	0.98 J
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.24 U	0.23 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 U	0.32 U	0.84 U	0.91 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	0.49 U	0.46 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		6.6	5.3	6.8	8.5
Perfluoropentanoic Acid (PFPeA)	ng/l			1.1 J	0.82 J	1.8	1.1 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.26 U	0.62 U	0.68 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.99 U	0.94 J	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	1.8 U	0.39 U	0.43 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	2.8 J	2.1 U	2.3 U
pH	ph units		8.5	8.09	8.22	8.33	8.31
Total Organic Carbon	mg/l			6.8	10.8	0.74 J	0.62 J

Notes and Abbreviations

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N - Primary sample

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-003 IRM-TW-003(10102019) 2019-10-10 480-160865-6 WG N Y	IRM-TW-003 IRM-TW-003(12172019)-B6 2019-12-17 480-164415-4 WG N Y	IRM-TW-003 IRM-TW-003(01212020) 2020-01-21 480-165418-6 WG N Y	IRM-TW-003 IRM-TW-003(03272020)-B6 2020-03-27 460-206050-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.8 U	1.8 U	1.9 U
NMeFOSAA	ng/l			2.8 U	3 U	2.9 U	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.1	0.19 U	0.19 U	0.2 U
Perfluorobutanoic Acid	ng/l			3.9	5.4	2.9 U	5
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.31 U	0.3 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.65 J	0.3 U	0.29 U	0.3 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.53 U	0.51 U	0.54 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.18 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	ng/l			20	0.24 U	0.23 U	0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.69 U	0.27 U	0.29 U	0.35 U
Perfluorohexanoic acid (PFHxA)	ng/l			13	0.64 J	0.91 U	1 J
Perfluorononanoic acid (PFNA)	ng/l			1.2 J	0.26 U	0.25 U	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			1.2 J	0.34 U	0.33 U	0.94 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.4 U	0.52 U	0.51 U	0.53 U
Perfluorooctanoic acid (PFOA)	ng/l	10		880 J	3.7	2.3	1.6 J
Perfluoropentanoic Acid (PFPeA)	ng/l			3.6	4.6	2	2.8 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.61 J	0.28 U	0.27 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.3 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1.1 U	1 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.9 U	1.9 U	2 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.9 U	1.9 U	2 U
pH	ph units		8.5	6.99	7.43	7.29	7.95
Total Organic Carbon	mg/l			1.3	49.6	7.2	2.1

Notes and Abbreviations

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N - Primary sample

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-003 IRM-TW-003(06232020)-B1 2020-06-23 460-211844-1 WG N Y	IRM-TW-003 IRM-DUP(10212020) 2020-10-21 460-221392-7 WG FD Y	IRM-TW-003 IRM-TW-003(10212020) 2020-10-21 460-221392-9 WG N Y	IRM-TW-003 IRM-TW-003 (02022021) 2021-02-02 460-227614-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.1 U	1.1 U	1.2 U
NMeFOSAA	ng/l			2.7 U	0.97 U	0.98 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.23 J	0.23 J	0.29 J
Perfluorobutanoic Acid	ng/l			5.9 U	5.5	5.5	2.4 J
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.26 U	0.26 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.27 U	0.25 U	0.25 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	0.45 U	0.45 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.15 U	0.16 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.34 U	0.27 J	0.24 J	0.37 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.31 U	0.46 U	0.47 U	0.51 U
Perfluorohexanoic acid (PFHxA)	ng/l			1.5 J	0.99 J	1.1 J	0.95 J
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	0.22 U	0.22 U	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	1.5 J	0.8 U	0.88 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.47 U	0.44 U	0.44 U	0.91 J
Perfluorooctanoic acid (PFOA)	ng/l	10		5	3.5	3.5	9
Perfluoropentanoic Acid (PFPeA)	ng/l			2.6	4.4	4.3	1.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.25 U	0.59 U	0.6 U	0.66 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.1 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.96 U	0.89 U	0.9 U	0.99 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	0.37 U	0.38 U	0.41 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	2 U	2 U	2.2 U
pH	ph units		8.5	8.11	8.03	7.94	7.89
Total Organic Carbon	mg/l			3.6	0.69 J	0.69 J	1.2

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 IRM-TW-004(10102019) 2019-10-10 480-160865-4 WG N Y	IRM-TW-004 DUP(12172019)-B1 2019-12-17 480-164415-10 WG FD Y	IRM-TW-004 IRM-TW-004(12172019)-B1 2019-12-17 480-164415-9 WG N Y	IRM-TW-004 IRM-TW-004(01202020) 2020-01-20 480-165418-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.8 U	1.8 U	1.7 U
NMeFOSAA	ng/l			2.8 U	3 U	3 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.6 J	0.19 U	0.19 U	0.18 U
Perfluorobutanoic Acid	ng/l			3.4	4.7	4.6	2.7 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.31 U	0.31 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			1.4 J	0.3 U	0.3 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.53 U	0.53 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			11	0.24 U	0.24 U	0.23 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.75 U	0.25 U	0.29 U	0.25 U
Perfluorohexanoic acid (PFHxA)	ng/l			6.1	0.56 U	0.56 U	0.53 U
Perfluorononanoic acid (PFNA)	ng/l			1.5 J	0.26 U	0.26 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.32 U	0.34 U	0.34 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.9 U	0.52 U	0.52 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		550 J	1.4 J	2.6	1.2 J
Perfluoropentanoic Acid (PFPeA)	ng/l			3.3	3	2.8	1.3 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.28 U	0.28 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.3 U	1.3 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1.1 U	1.1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.9 U	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.9 U	1.9 U	1.8 U
pH	ph units		8.5	7.24	8.25	8.17	7.29
Total Organic Carbon	mg/l			1.6	33.7	33.6	4.2 J

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 IRM-TW-004 (03252020) 2020-03-25 460-205927-6 WG N Y	IRM-TW-004 IRM-TW-004(06222020)-B1 2020-06-22 460-211751-2 WG N Y	IRM-TW-004 IRM-TW-004(10202020) 2020-10-20 460-221392-2 WG N Y	IRM-TW-004 DUP (02022021) 2021-02-02 460-227614-5 WG FD Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.7 U	1.1 U	1.1 U
NMeFOSAA	ng/l			2.8 U	2.8 U	1 U	1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.18 U	0.17 U	0.2 J
Perfluorobutanoic Acid	ng/l			3.9 U	3.3 U	4.5	2 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.27 U	0.27 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.26 U	0.26 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.46 U	0.47 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.16 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.23 U	0.22 U	0.21 U	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.28 U	0.23 U	0.48 U	0.48 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.53 U	0.52 U	0.48 U	0.49 U
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.24 U	0.23 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.32 U	0.6 U	0.82 U	0.83 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	0.49 U	0.45 U	0.46 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1.9	2.9 U	1.3 J	1.7
Perfluoropentanoic Acid (PFPeA)	ng/l			1.1 J	0.61 J	2.4	0.82 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.26 U	0.61 U	0.62 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.99 U	0.92 U	0.94 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.8 U	0.38 U	0.39 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.8 U	2.1 U	2.1 U
pH	ph units		8.5	7.87	8.1	7.93	7.85
Total Organic Carbon	mg/l			1 J	0.79 J	0.73 J	0.8 J

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 IRM-TW-004 (02022021) 2021-02-02 460-227614-3 WG N Y	IRM-TW-005 IRM-TW-005(10092019) 2019-10-09 480-160747-1 WG N Y	IRM-TW-005 IRM-TW-005(10102019) 2019-10-10 480-160865-7 WG N Y	IRM-TW-005 IRM-TW-005(10112019) 2019-10-11 480-160865-8 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.1 U	na	1.8 U	na
NMeFOSAA	ng/l			1.1 U	na	3 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	na	1.4 J	na
Perfluorobutanoic Acid	ng/l			2.1 U	na	4.9	na
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	na	0.3 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.27 U	na	1.2 J	na
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	na	0.52 U	na
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			0.22 U	na	17	na
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.5 U	na	1 U	na
Perfluorohexanoic acid (PFHxA)	ng/l			0.51 U	na	10	na
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	na	1.9	na
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.86 U	na	0.33 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.48 U	na	2.6 U	na
Perfluorooctanoic acid (PFOA)	ng/l	10		1.7 J	na	1800 J	na
Perfluoropentanoic Acid (PFPeA)	ng/l			0.8 J	na	5.5	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.64 U	na	0.28 U	na
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	na	1.2 U	na
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.97 U	na	1 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.41 U	na	1.9 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.2 U	na	1.9 U	na
pH	ph units		8.5	7.75	na	na	7.42
Total Organic Carbon	mg/l			0.76 J	1.9 J	na	na

Notes and Abbreviations

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U - Compound not detected

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N - Primary sample

FD - Field duplicate sample

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Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-005 IRM-TW-005(12172019)-B6 2019-12-17 480-164415-5 WG N Y	IRM-TW-005 IRM-TW-005(01202020) 2020-01-20 480-165418-3 WG N Y	IRM-TW-005 IRM-TW-005(01212020) 2020-01-21 480-165418-5 WG N Y	IRM-TW-005 IRM-TW-005(03272020)-B6 2020-03-27 460-206050-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	na	1.9 U	1.7 U
NMeFOSAA	ng/l			2.9 U	na	3.1 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 U	na	0.2 U	0.18 U
Perfluorobutanoic Acid	ng/l			4.5	na	4.3	6.3
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	na	0.32 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	na	0.31 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.52 U	na	0.54 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	na	0.19 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.24 U	na	0.25 U	0.46 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.26 U	na	0.3 U	0.31 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.55 U	na	0.57 U	0.58 J
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	na	0.27 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.33 U	na	0.35 U	1.4 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.51 U	na	0.53 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1.5 J	na	4.3	33
Perfluoropentanoic Acid (PFPeA)	ng/l			1.4 J	na	0.65 J	2.2 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	na	0.29 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	na	1.3 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	na	1.1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	na	2 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	na	2 U	1.8 U
pH	ph units		8.5	7.55	na	na	7.65
Total Organic Carbon	mg/l			6.3	2 J	na	1 U

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

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N - Primary sample

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na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-005 IRM-TW-005(10212020) 2020-10-21 460-221392-6 WG N Y	IRM-TW-006 IRM-TW-006(10092019) 2019-10-09 480-160747-5 WG N Y	IRM-TW-006 IRM-TW-006(12172019)-B6 2019-12-17 480-164415-7 WG N Y	IRM-TW-006 IRM-TW-006(01202020) 2020-01-20 480-165418-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.8 U	1.8 U	1.8 U
NMeFOSAA	ng/l			1.1 U	2.9 U	2.9 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	1.5 J	0.22 J	0.2 J
Perfluorobutanoic Acid	ng/l			8.2	3.4	4.2	2.8 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.3 U	0.3 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	2	0.29 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.52 U	0.52 U	0.52 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.18 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.22 U	23	1.1 J	0.28 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.51 U	0.7 U	0.34 U	0.31 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.52 U	8.1	0.91 J	0.55 U
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	7.8	0.41 J	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.88 U	0.77 J	0.33 U	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.48 U	4.9	0.52 J	0.51 U
Perfluorooctanoic acid (PFOA)	ng/l	10		9.9	2800 J	89	9.1
Perfluoropentanoic Acid (PFPeA)	ng/l			1.2 J	3.6	2.1	1.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.65 U	0.27 U	0.28 J	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.41 U	1.9 U	1.9 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.2 U	1.9 U	1.9 U	1.9 U
pH	ph units		8.5	7.82	6.99	8.13	7.12
Total Organic Carbon	mg/l			1 U	1.2 J	9.7	30.9

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Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-006 IRM-TW-006(03272020)-B6 2020-03-27 460-206050-3 WG N Y	IRM-TW-006 IRM-TW-006(06232020)-B1 2020-06-23 460-211844-6 WG N Y	IRM-TW-006 IRM-TW-006(10202020) 2020-10-20 460-221392-1 WG N Y	IRM-TW-006 IRM-TW-006 (02022021) 2021-02-02 460-227614-4 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.7 U	1.7 U	1.1 U	1.1 U
NMeFOSAA	ng/l			2.7 U	2.8 U	1 U	0.98 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.17 U	0.18 U	0.17 U	0.17 J
Perfluorobutanoic Acid	ng/l			2	4.5 U	3 J	2 J
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.29 U	0.27 U	0.26 U
Perfluorodecanoic acid (PFDA)	ng/l			0.27 U	0.28 U	0.26 U	0.25 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	0.5 U	0.46 U	0.45 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.16 U	0.15 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.48 J	0.62 U	0.21 U	0.24 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.27 U	0.23 U	0.47 U	0.46 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.51 U	0.53 U	0.48 U	0.5 J
Perfluorononanoic acid (PFNA)	ng/l			0.27 J	0.25 U	0.22 U	0.22 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.79 U	0.32 U	0.82 U	0.8 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.47 U	0.49 U	0.45 U	0.44 U
Perfluorooctanoic acid (PFOA)	ng/l	10		28	44	4.1	7
Perfluoropentanoic Acid (PFPeA)	ng/l			1 U	1.5 J	0.74 J	0.99 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.25 U	0.27 U	0.61 U	0.59 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.2 U	1.1 U	1.5 J
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.96 U	1 U	0.92 U	0.89 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.7 U	1.8 U	0.38 U	0.37 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.7 U	1.8 U	2.1 U	2 U
pH	ph units		8.5	7.73	8.17	7.96	7.74
Total Organic Carbon	mg/l			0.89 J	1.2	1 U	0.62 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS-MW-001A(01092017) 2017-01-09 8779944 WG N Y	JS-MW-001A MW-DUP-002(01092017) 2017-01-09 8779945 WG FD Y	JS-MW-001A JS-MW-001A (05012018) 2018-05-01 R1804010-001 WG N Y	JS-MW-001A JS-MW-001A (05012018)-20180501 2018-05-01 480-135287-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	na	0.83 U	na
NMeFOSAA	ng/l			na	na	4.2 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			2 J	2 J	0.9 U	na
Perfluorobutanoic Acid	ng/l			na	na	5.1 J	na
Perfluorodecane Sulfonic Acid	ng/l			na	na	1.3 U	na
Perfluorodecanoic acid (PFDA)	ng/l			3	4 J	3.7 U	na
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.5 U	0.46 U	na
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	na	0.88 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			43	40	17	na
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1 U	1 U	0.97 J	na
Perfluorohexanoic acid (PFHxA)	ng/l			20	19	11	na
Perfluorononanoic acid (PFNA)	ng/l			12	11	14	na
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	na	0.35 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		8	6 J	4.1 J	na
Perfluorooctanoic acid (PFOA)	ng/l	10		5700	6400	3600	na
Perfluoropentanoic Acid (PFPeA)	ng/l			na	na	3.6 J	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	0.5 U	1.2 U	na
Perfluorotridecanoic Acid (PFTriA)	ng/l			0.5 U	0.5 U	0.77 J	na
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	na	0.65 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	na	1.2 U	na
pH	ph units		8.5	7.4	7.6	na	na
Total Organic Carbon	mg/l			1.8	1.8	na	1.3 J

Notes and Abbreviations

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Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
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Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS-MW-001A(10102019) 2019-10-10 480-160865-2 WG N Y	JS-MW-001A JS-MW-001A(10222019)-B1 2019-10-22 480-161498-4 WG N Y	JS-MW-001A JS-MW-001A(12172019)-B1 2019-12-17 480-164415-2 WG N Y	JS-MW-001A JS-MW-001A(03262020) 2020-03-26 460-205927-8 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.7 U	1.6 U	1.9 U	1.7 U
NMeFOSAA	ng/l			2.8 U	2.7 U	3.1 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.7 J	2.5	0.23 J	0.18 U
Perfluorobutanoic Acid	ng/l			2.7	5.5	4.4	5.8 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.28 U	0.31 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			1.8	3.2 J	0.31 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.48 U	0.54 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.16 U	0.19 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			10	39	0.25 U	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.7 U	0.89 U	0.3 U	0.26 U
Perfluorohexanoic acid (PFHxA)	ng/l			5.2	18	0.57 U	0.52 U
Perfluorononanoic acid (PFNA)	ng/l			2.3	5.1 J	0.27 U	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.32 U	0.3 U	0.61 J	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4.4 U	5.2 J	0.53 U	0.48 U
Perfluorooctanoic acid (PFOA)	ng/l	10		680 J	4700 J	17	3.7
Perfluoropentanoic Acid (PFPeA)	ng/l			2.6	6.2	2.4	1.4 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.25 U	0.29 U	0.56 J
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.1 U	1.3 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.95 U	1.1 U	0.99 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.7 U	2 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.7 U	2 U	1.8 U
pH	ph units		8.5	6.89	6.92	8.15	7.76
Total Organic Carbon	mg/l			1.3	1.8 J	54.7	1.3 J

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS-MW-001A(06222020)-B1 2020-06-22 460-211751-4 WG N Y	JS-MW-001A JS-MW-001A(10212020) 2020-10-21 460-221392-15 WG N Y	JS-MW-001A JS-MW-001A(12082020)-B2 2020-12-08 460-224802-3 WG N Y	JS-MW-001A JS-MW-001A (02022021) 2021-02-02 460-227614-6 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.7 U	1.1 U	1.1 U	1.1 U
NMeFOSAA	ng/l			2.8 U	1 U	1.1 U	1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.17 U	0.25 J	0.2 J
Perfluorobutanoic Acid	ng/l			5 U	3.7 J	2.3 J	2.2 J
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.28 U	0.28 U	0.27 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.27 U	0.27 U	0.26 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.47 U	0.48 U	0.47 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.16 U	0.17 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.22 U	0.22 U	0.22 U	0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.25 U	0.49 U	0.5 U	0.62 J
Perfluorohexanoic acid (PFHxA)	ng/l			0.59 J	1 J	0.7 J	0.86 J
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	0.23 U	0.34 J	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	0.84 U	0.86 U	0.83 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.48 U	0.47 U	0.47 U	0.91 J
Perfluorooctanoic acid (PFOA)	ng/l	10		0.9 U	2.6	4.9	2.7
Perfluoropentanoic Acid (PFPeA)	ng/l			1.4 J	1.5 J	1 J	1.1 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.63 U	0.64 U	0.62 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.1 U	1.1 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	0.95 U	0.96 U	0.93 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	0.4 U	0.4 U	0.39 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	2.2 U	2.2 U	2.1 U
pH	ph units		8.5	8.2	7.95	7.98	7.95
Total Organic Carbon	mg/l			1	0.61 J	1.2	0.81 J

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001B JS-MW-001B(01042017) 2017-01-04 8776545 WG N Y	JS-MW-001B JS-MW-001B(10102019) 2019-10-10 480-160865-3 WG N Y	JS-MW-001B JS-MW-001B(10222019)-B1 2019-10-22 480-161498-5 WG N Y	JS-MW-001B JS-MW-001B(12172019)-B1 2019-12-17 480-164415-3 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	1.7 U	1.7 U	1.8 U
NMeFOSAA	ng/l			na	2.8 U	2.8 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			3 J	1.7 J	1.7 J	2.1
Perfluorobutanoic Acid	ng/l			na	4.4	5.4	4.3
Perfluorodecane Sulfonic Acid	ng/l			na	0.29 U	0.29 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			2	2	2.1	1.9
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.5 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.17 U	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			70	38	35	36
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1 J	0.89 U	0.9 U	0.81 U
Perfluorohexanoic acid (PFHxA)	ng/l			40	19	17	17
Perfluorononanoic acid (PFNA)	ng/l			9	9.8	8.7	8.3
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	0.31 U	0.34 J	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4 J	3.7 UJ	3.2 J	3.5 J
Perfluorooctanoic acid (PFOA)	ng/l	10		5900	3400 J	4400 J	3500 J
Perfluoropentanoic Acid (PFPeA)	ng/l			na	5.7	6.1	5.8
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	0.26 U	0.37 J	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			0.5 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.98 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	1.8 U	1.8 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.8 U	1.8 U	1.9 U
pH	ph units		8.5	7.8	7.47	7.45	8.05
Total Organic Carbon	mg/l			6.4	1.1	1.1 J	1.4 J

Notes and Abbreviations

ng/L - nanograms per liter

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U - Compound not detected

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N - Primary sample

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Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001B JS-MW-001B(06222020)-B1 2020-06-22 460-211751-3 WG N Y	JS-MW-001B JS-MW-001B(12102020)-B5 2020-12-10 460-224806-14 WG N Y	JS-MW-001B JS-MW-001B (02022021) 2021-02-02 460-227614-7 WG N Y	JS-MW-001BR JS-MW-001BR(10242019)-B1 2019-10-24 480-161634-15 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	11 U	1.2 U	1.7 U
NMeFOSAA	ng/l			2.8 U	10 U	1.1 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.7 J	1.7 U	1.2 J	0.18 U
Perfluorobutanoic Acid	ng/l			5.6 U	21 U	5	5.2
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	2.8 U	0.29 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			1.7 J	2.7 U	1.7 J	0.92 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	4.8 U	0.5 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	1.7 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			22	14 J	14	1.7 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.85 U	5 U	0.68 J	0.28 U
Perfluorohexanoic acid (PFHxA)	ng/l			14	9.5 J	8.9	1.8
Perfluorononanoic acid (PFNA)	ng/l			5.4	5 J	3.9	1.3 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	8.5 U	0.9 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3	4.7 U	3	1.3 J
Perfluorooctanoic acid (PFOA)	ng/l	10		1900 J	1400 J	1300 J	13
Perfluoropentanoic Acid (PFPeA)	ng/l			5.3	4.3 U	3.5	2.2
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	6.4 U	0.67 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	11 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.99 U	9.6 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	4 U	0.42 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			3.6 J	22 U	2.3 U	1.8 U
pH	ph units		8.5	7.9	7.97	8.04	8.68
Total Organic Carbon	mg/l			0.89 J	0.92 J	0.87 J	1.4

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001BR JS-DUP-01(12092020) 2020-12-09 460-224751-8 WG FD Y	JS-MW-001BR JS-MW-001BR(12092020)-B4 2020-12-09 460-224751-10 WG N Y	JS-MW-001C JS-MW-001C(01102017) 2017-01-10 8781867 WG N Y	JS-MW-001C JS-MW-001C(10222019)-B1 2019-10-22 480-161498-6 WG N Y
		NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
Analyte	Unit						
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	1.2 U	na	1.6 U
NMeFOSAA	ng/l			1.1 U	1.1 U	na	2.7 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.19 U	0.7 U	0.46 J
Perfluorobutanoic Acid	ng/l			3 J	3 J	na	9.5
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.3 U	na	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.29 U	0.5 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.51 U	0.5 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.18 U	na	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.62 J	0.64 J	37	35
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.53 U	0.53 U	1 U	0.32 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.65 J	0.8 J	54	54
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.25 U	0.6 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.91 U	0.92 U	na	0.3 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.64 J	0.5 U	2 U	0.47 U
Perfluorooctanoic acid (PFOA)	ng/l	10		3.8	4.1	240	310
Perfluoropentanoic acid (PFPeA)	ng/l			1.1 J	0.5 J	na	13
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 U	0.68 U	0.5 U	0.25 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	0.5 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U	0.95 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	0.43 U	na	1.7 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	2.3 U	na	1.7 U
pH	ph units		8.5	9.34	9.41	7.7	7.39
Total Organic Carbon	mg/l			0.94 J	0.94 J	0.95 J	0.56 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001C JS-MW-001C(12092020)-B3 2020-12-09 460-224751-7 WG N Y	JS-MW-001D JS-MW-001D(10222019)-B1 2019-10-22 480-161398-2 WG N Y	JS-MW-001D JS-MW-001D(12092020)-B5 2020-12-09 460-224751-15 WG N Y	JS-MW-002A JS-MW-002A(01042017) 2017-01-04 8776546 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.7 U	1.2 U	na
NMeFOSAA	ng/l			1.1 U	2.8 U	1.1 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.3 J	0.18 U	0.19 U	1 J
Perfluorobutanoic Acid	ng/l			8.9	9.7 U	7.9	na
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.3 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.29 U	5
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.51 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			39	61	53	10
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.52 U	0.4 U	0.53 U	1 U
Perfluorohexanoic acid (PFHxA)	ng/l			48	58	45	7
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.24 U	0.25 U	4
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.9 U	0.94 U	0.91 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.49 U	0.48 U	0.5 U	3 J
Perfluorooctanoic acid (PFOA)	ng/l	10		270	590 J	490 J	830
Perfluoropentanoic Acid (PFPeA)	ng/l			11	13	9.9	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 U	0.53 U	0.68 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.98 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	1.8 U	0.43 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	1.8 U	2.3 U	na
pH	ph units		8.5	7.98	7.44	8.06	7.3
Total Organic Carbon	mg/l			0.67 J	1 U	0.96 J	2.3

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A (05022018) 2018-05-02 R1804010-002 WG N Y	JS-MW-002A JS-MW-002A (05022018)-20180502 2018-05-02 480-135287-2 WG N Y	JS-MW-002A JS-MW-002A(10092019) 2019-10-09 480-160747-4 WG N Y	JS-MW-002A JS-MW-002A(10232019)-B2 2019-10-23 480-161498-13 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			0.83 U	na	1.8 U	1.7 U
NMeFOSAA	ng/l			4.2 U	na	2.9 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.9 U	na	1.6 J	1.7 J
Perfluorobutanoic Acid	ng/l			2.7 U	na	2.5	4.4
Perfluorodecane Sulfonic Acid	ng/l			1.3 U	na	0.3 U	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			12	na	3.1	4.4
Perfluorododecanoic acid (PFDoA)	ng/l			0.46 U	na	0.51 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.88 U	na	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			14	na	8.2	19
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.94 U	na	0.72 U	0.78 U
Perfluorohexanoic acid (PFHxA)	ng/l			11	na	4.8	9.8
Perfluorononanoic acid (PFNA)	ng/l			17	na	1.9	13
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 U	na	0.38 J	0.78 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.1 J	na	2.4	3.1
Perfluorooctanoic acid (PFOA)	ng/l	10		1800	na	450 J	1500 J
Perfluoropentanoic Acid (PFPeA)	ng/l			3.1 J	na	1.8 J	3.7
Perfluorotetradecanoic acid (PFTA)	ng/l			1.2 U	na	0.31 J	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1 J	na	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.31 U	na	1 U	0.98 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.65 U	na	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.2 U	na	1.9 U	1.8 U
pH	ph units		8.5	na	na	6.66	6.61
Total Organic Carbon	mg/l			na	2.7 J	2.4	2.3

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Former Oak Materials John Street
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A(12172019)-B2 2019-12-17 480-164415-1 WG N Y	JS-MW-002A JS-MW-002A (03252020) 2020-03-25 460-205927-4 WG N Y	JS-MW-002A JS-MW-002A(06242020)-B2 2020-06-24 460-211844-9 WG N Y	JS-MW-002A JS-MW-002A(10212020) 2020-10-21 460-221392-16 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.9 U	1.7 U	1.7 U	1.1 U
NMeFOSAA	ng/l			3 U	2.8 U	2.8 U	1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.1 J	1.2 J	2.6	2.5
Perfluorobutanoic Acid	ng/l			4.5	3.8 U	2.7 U	3.5 J
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	0.29 U	0.29 U	0.27 U
Perfluorodecanoic acid (PFDA)	ng/l			16	5.3	4.2	1.9
Perfluorododecanoic acid (PFDoA)	ng/l			0.54 U	0.5 U	0.5 U	0.47 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 U	0.17 U	0.17 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			23	11	6.5	8.3
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.65 U	0.48 U	0.75 U	0.77 J
Perfluorohexanoic acid (PFHxA)	ng/l			14	7.5 U	4	5.9
Perfluorononanoic acid (PFNA)	ng/l			21	7	2	1.6 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.34 U	0.58 U	0.41 U	3.2
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4.5	2.2	1.9	2.7 J
Perfluorooctanoic acid (PFOA)	ng/l	10		2300 J	840 J	290	380 J
Perfluoropentanoic Acid (PFPeA)	ng/l			4.9	3.1	1.5 J	2.7
Perfluorotetradecanoic acid (PFTA)	ng/l			0.28 U	0.26 U	0.26 U	0.63 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.2 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U	0.94 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			2 U	1.8 U	1.8 U	0.39 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2 U	1.8 U	5 J	2.1 U
pH	ph units		8.5	8.17	7.39	7.76	7.6
Total Organic Carbon	mg/l			4.5	1.3 J	1.5	1.2

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A (02032021) 2021-02-03 460-227796-1 WG N Y	JS-MW-003A JS-MW-003A(01102017) 2017-01-10 8781868 WG N Y	JS-MW-003A JS-MW-003A (05022018) 2018-05-02 R1804010-003 WG N Y	JS-MW-003A JS-MW-003A (05022018)-20180502 2018-05-02 480-135287-3 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.1 U	na	0.83 U	na
NMeFOSAA	ng/l			1.1 U	na	4.2 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.1 J	0.9 J	0.9 U	na
Perfluorobutanoic Acid	ng/l			2.3 J	na	2.7 U	na
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	na	1.3 U	na
Perfluorodecanoic acid (PFDA)	ng/l			3.2	0.5 U	0.9 U	na
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.5 U	0.46 U	na
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	0.88 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			5.3	4	4.4	na
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.54 J	1 U	0.94 U	na
Perfluorohexanoic acid (PFHxA)	ng/l			3.7	6	2.5 J	na
Perfluorononanoic acid (PFNA)	ng/l			2.5	0.6 U	1.2 J	na
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.92 J	na	0.35 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.5	2 U	1.3 J	na
Perfluorooctanoic acid (PFOA)	ng/l	10		280	140 J	110	na
Perfluoropentanoic Acid (PFPeA)	ng/l			1.9	na	1.1 U	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.64 U	0.5 U	1.2 U	na
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	0.5 U	0.75 U	na
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.97 U	1 U	0.31 U	na
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.61 J	na	0.65 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.2 U	na	1.2 U	na
pH	ph units		8.5	7.44	7.8	na	na
Total Organic Carbon	mg/l			1.7	1.4	na	1.2 J

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Table 11

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location:	JS-MW-003A	JS-MW-003A	JS-MW-003A	JS-MW-003A
				Sample ID:	DUP(10092019)	JS-MW-003A(10092019)	JS-MW-003A(10222019)-B1	JS-MW-003A(12182019)-B1
				Date:	2019-10-09	2019-10-09	2019-10-22	2019-12-18
				Laboratory Sample ID:	480-160747-6	480-160747-2	480-161398-3	480-164415-13
				Matrix:	WG	WG	WG	WG
				Sample Type:	FD	N	N	N
				Validate - Y/N	Y	Y	Y	Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD					
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.8 U	1.7 U	1.7 U	1.8 U	1.8 U
NMeFOSAA	ng/l			2.9 U	2.8 U	2.8 U	2.9 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.5 J	1.6 J	1.5 J	1.1 J	1.1 J
Perfluorobutanoic Acid	ng/l			2.2	2.1	3.5 U	1.5 J	1.5 J
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.29 U	0.29 U	0.3 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.28 U	0.28 U	0.29 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.52 U	0.5 U	0.5 U	0.51 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.17 U	0.17 U	0.18 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			5.9	5.5	8.2	4.9	4.9
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.64 U	0.7 U	0.79 U	0.53 U	0.53 U
Perfluorohexanoic acid (PFHxA)	ng/l			2.9	2.9	4.2	2.6	2.6
Perfluorononanoic acid (PFNA)	ng/l			0.37 J	0.43 J	0.24 U	0.38 J	0.38 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.97 J	0.9 J	0.6 U	0.33 U	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.2	2.1	2	1.3 J	1.3 J
Perfluorooctanoic acid (PFOA)	ng/l	10		160	170	220	140	140
Perfluoropentanoic Acid (PFPeA)	ng/l			1 J	1.1 J	1.7 J	1.1 J	1.1 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.26 U	0.26 U	0.27 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.99 U	0.99 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
pH	ph units		8.5	7.12	6.99	6.96	7.76	7.76
Total Organic Carbon	mg/l			1.1 J	1.1 J	1.2	1.3 J	1.3 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

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N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: JS-MW-003A Sample ID: JS-MW-003A (03252020) Date: 2020-03-25 Laboratory Sample ID: 460-205927-5 Matrix: WG Sample Type: N Validate - Y/N: Y				JS-MW-003A	JS-MW-003A (06232020)-B1	JS-MW-003A (10212020)	JS-MW-003A (12092020)-B3
Analyte Unit NYSDEC PFAS GUIDANCE NYDEC TOGS111 GA STANDARD							
PFAS				PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.7 U	1.7 U	1.1 U	1.2 U
NMeFOSAA	ng/l			2.8 U	2.8 U	0.99 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.2 J	4.2	1.7	0.83 J
Perfluorobutanoic Acid	ng/l			1.6 U	3.2 U	2.3 J	2.2 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.26 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.25 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.45 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.16 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			2.8	7.3	5.8	2.9
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.45 U	1.1 U	0.65 J	0.52 U
Perfluorohexanoic acid (PFHxA)	ng/l			1.9 U	4.1	4	2.1
Perfluorononanoic acid (PFNA)	ng/l			0.28 J	0.44 J	0.5 J	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.5 U	0.58 U	0.8 U	0.89 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1 J	1.6 J	2.2 J	1.4 J
Perfluorooctanoic acid (PFOA)	ng/l	10		83	210	180	91
Perfluoropentanoic Acid (PFPeA)	ng/l			1.1 J	1.1 J	1.9	1.1 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.26 U	0.6 U	0.66 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.99 U	0.98 U	0.9 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.8 U	0.38 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.8 U	2.1 U	2.3 U
pH	ph units		8.5	7.58	7.85	7.92	7.62
Total Organic Carbon	mg/l			0.91 J	0.93 J	1.1	1.5

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003A JS-MW-003A (02032021) 2021-02-03 460-227796-2 WG N Y	JS-MW-003B JS-MW-003B(01102017) 2017-01-10 8781872 WG N Y	JS-MW-003B JS-MW-003B(10092019) 2019-10-09 480-160747-3 WG N Y	JS-MW-003B DUP(10222019)-B1 2019-10-22 480-161498-12 WG FD Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	na	1.8 U	1.7 U
NMeFOSAA	ng/l			1.1 U	na	2.9 U	2.7 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1 J	2 J	1.6 J	1.5 J
Perfluorobutanoic Acid	ng/l			2.1 U	na	4.4	4.8
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	na	0.3 U	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	1 J	0.29 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.5 U	0.51 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			2.3	34	26	26
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.51 U	2 J	1 U	1 U
Perfluorohexanoic acid (PFHxA)	ng/l			1.9	22	17	17
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	2 J	1.3 J	1.4 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.91 J	na	0.58 J	0.31 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1 J	2 U	1.1 J	1.1 J
Perfluorooctanoic acid (PFOA)	ng/l	10		69	1500	1200 J	1200 J
Perfluoropentanoic Acid (PFPeA)	ng/l			1 J	na	5.8	5.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.65 U	0.5 U	0.27 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	1 U	1 U	0.97 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.41 U	na	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.2 U	na	1.9 U	1.8 U
pH	ph units		8.5	7.81	7.9	7.5	7.47
Total Organic Carbon	mg/l			1.2	4.9	0.88 J	0.71 J

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003B JS-MW-003B(10222019)-B1 2019-10-22 480-161498-7 WG N Y	JS-MW-003B JS-MW-003B(12172019)-B1 2019-12-17 480-164415-6 WG N Y	JS-MW-003B JS-MW-003B(06232020)-B1 2020-06-23 460-211844-5 WG N Y	JS-MW-003B JS-MW-003B(12092020)-B3 2020-12-09 460-224751-9 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.8 U	1.7 U	1.3 U
NMeFOSAA	ng/l			2.8 U	3 U	2.7 U	1.2 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.6 J	1.4 J	1.5 J	1.2 J
Perfluorobutanoic Acid	ng/l			5.6	4.3	4.7 U	4 J
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.31 U	0.28 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.3 U	0.27 U	0.3 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.53 U	0.49 U	0.53 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			26	27	26	24
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.92 U	0.98 U	0.87 U	0.84 J
Perfluorohexanoic acid (PFHxA)	ng/l			17	18	20	15
Perfluorononanoic acid (PFNA)	ng/l			1.2 J	1.2 J	0.83 J	0.38 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	0.34 U	0.33 U	0.94 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1 J	1.3 J	1.1 J	0.52 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1200 J	1000 J	910 J	750 J
Perfluoropentanoic Acid (PFPeA)	ng/l			6.1	5.3	5	4.5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.28 U	0.26 U	0.7 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.3 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	1.1 U	0.97 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.9 U	1.8 U	0.44 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.9 U	1.8 U	2.4 U
pH	ph units		8.5	7.47	7.85	8.21	8.15
Total Organic Carbon	mg/l			0.8 J	0.97 J	0.69 J	0.82 J

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003B JS-MW-003B (02032021) 2021-02-03 460-227796-3 WG N Y	JS-MW-003BR JS-MW-003BR(10242019)-B1 2019-10-24 480-161634-16 WG N Y	JS-MW-003BR JS-MW-003BR(12092020)-B4 2020-12-09 460-224751-12 WG N Y	JS-MW-003C JS-MW-003C(01042017) 2017-01-04 8776547 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.7 U	1.2 U	na
NMeFOSAA	ng/l			1.1 U	2.8 U	1.1 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.3 J	0.18 U	0.18 U	0.7 U
Perfluorobutanoic Acid	ng/l			4.1 J	0.73 J	2.2 U	na
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.29 U	0.29 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.29 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.5 U	0.51 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			22	0.23 U	0.23 U	100
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.86 J	0.26 U	0.53 U	1 U
Perfluorohexanoic acid (PFHxA)	ng/l			16	0.53 U	0.53 U	130
Perfluorononanoic acid (PFNA)	ng/l			0.88 J	0.25 U	0.25 U	0.6 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.87 U	0.46 J	0.9 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.48 U	0.49 U	0.5 U	2 U
Perfluorooctanoic acid (PFOA)	ng/l	10		680	0.78 U	0.78 U	2000
Perfluoropentanoic Acid (PFPeA)	ng/l			4.5	0.45 U	0.45 U	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.65 U	0.27 U	0.67 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.41 U	1.8 U	0.42 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.2 U	1.8 U	2.3 U	na
pH	ph units		8.5	8.08	7.32	7.46	7.8
Total Organic Carbon	mg/l			0.67 J	1.8	1.7	31.9

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003C JS-MW-003C(10222019)-B1 2019-10-22 480-161498-8 WG N Y	JS-MW-003C JS-MW-003C(12092020)-B5 2020-12-09 460-224751-14 WG N Y	JS-MW-003D JS-MW-003D(10222019)-B1 2019-10-22 480-161498-9 WG N Y	JS-MW-003D JS-MW-003D(12102020)-B5 2020-12-10 460-224806-13 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.2 U	1.6 U	11 U
NMeFOSAA	ng/l			2.8 U	1.1 U	2.7 U	10 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.5 J	0.5 J	0.17 U	1.7 U
Perfluorobutanoic Acid	ng/l			11	8.7	5.7	21 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.3 U	0.28 U	2.8 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.29 U	0.27 U	2.7 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.51 U	0.47 U	4.8 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.16 U	1.7 U
Perfluoroheptanoic acid (PFHpA)	ng/l			120	100	38	85
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.53 U	0.53 J	0.39 U	5 U
Perfluorohexanoic acid (PFHxA)	ng/l			110	84	45	91
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.25 U	0.23 U	2.4 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.43 J	0.9 U	0.3 U	8.5 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.49 U	0.5 U	0.47 U	4.7 U
Perfluorooctanoic acid (PFOA)	ng/l	10		2500 J	1900 J	650 J	1400 J
Perfluoropentanoic Acid (PFPeA)	ng/l			19	15	9.3	17
Perfluorotetradecanoic acid (PFTA)	ng/l			0.29 J	0.67 U	0.25 U	6.4 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	11 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.95 U	9.6 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	0.42 U	1.7 U	4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	2.3 U	2.8 J	22 U
pH	ph units		8.5	7.56	8.07	8.09	8.14
Total Organic Carbon	mg/l			0.62 J	0.88 J	1 U	0.63 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004A JS-MW-004A(01102017) 2017-01-10 8781873 WG N Y	JS-MW-004A JS-MW-004A (05022018) 2018-05-02 R1804010-004 WG N Y	JS-MW-004A JS-MW-004A (05022018)-20180502 2018-05-02 480-135361-1 WG N Y	JS-MW-004A JS-MW-004A(10232019)-B2 2019-10-23 480-161621-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	0.83 U	na	1.8 U
NMeFOSAA	ng/l			na	4.2 U	na	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2	1.1 J	na	1.3 J
Perfluorobutanoic Acid	ng/l			na	3.3 J	na	3.1 U
Perfluorodecane Sulfonic Acid	ng/l			na	1.3 U	na	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.5 U	0.83 U	na	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.46 U	na	0.52 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.88 U	na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			9	9.2	na	9.2
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2 J	1.4 J	na	0.74 U
Perfluorohexanoic acid (PFHxA)	ng/l			6	7.4	na	6.1
Perfluorononanoic acid (PFNA)	ng/l			0.6 J	1.6 J	na	0.52 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	0.35 U	na	0.88 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4 J	4.3 J	na	5
Perfluorooctanoic acid (PFOA)	ng/l	10		300	410	na	270
Perfluoropentanoic Acid (PFPeA)	ng/l			na	1.3 J	na	1.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	1.2 U	na	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			0.5 U	0.95 J	na	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.31 U	na	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	0.65 U	na	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.2 U	na	1.9 U
pH	ph units		8.5	7.5	na	na	8.01
Total Organic Carbon	mg/l			1.5	na	1.4 J	1.8 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004A JS-MW-004A(12092020)-B3 2020-12-09 460-224751-11 WG N Y	JS-MW-004B JS-MW-004B(01042017) 2017-01-04 8776548 WG N Y	JS-MW-004B JS-MW-004B(10222019)-B1 2019-10-22 480-161498-10 WG N Y	JS-MW-004B JS-MW-004B(12102020)-B5 2020-12-10 460-224806-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	na	1.7 U	1.3 U
NMeFOSAA	ng/l			1.1 U	na	2.7 U	1.2 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.1 J	0.8 J	0.47 J	0.36 J
Perfluorobutanoic Acid	ng/l			2.2 U	na	5.5	4.4 J
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	na	0.28 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.5 U	0.27 U	0.3 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.5 U	0.49 U	0.54 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	0.17 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	ng/l			7	28	20	24
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.68 J	1 J	0.69 U	0.56 U
Perfluorohexanoic acid (PFHxA)	ng/l			2.6	14	23	27
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.6 U	0.24 U	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.9 U	na	0.31 U	0.96 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.5 J	2 U	0.48 U	0.53 U
Perfluorooctanoic acid (PFOA)	ng/l	10		190	680	480 J	440 J
Perfluoropentanoic Acid (PFPeA)	ng/l			1.8	na	6.6	6.4
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 U	0.5 U	0.26 U	0.71 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.97 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	na	1.8 U	0.45 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	na	1.8 U	2.4 U
pH	ph units		8.5	7.6	7.9	8.11	8.65
Total Organic Carbon	mg/l			1.6	1.2	0.8 J	0.91 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004C JS-MW-004C(01102017) 2017-01-10 8781874 WG N Y	JS-MW-004C JS-MW-004C(10222019)-B1 2019-10-22 480-161398-1 WG N Y	JS-MW-004C JS-MW-004C(12092020)-B5 2020-12-09 460-224751-17 WG N Y	JS-MW-004D JS-MW-004D(10222019)-B1 2019-10-22 480-161498-11 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	1.8 U	1.3 U	1.6 U
NMeFOSAA	ng/l			na	2.9 U	1.2 U	2.6 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.9 J	0.72 J	0.47 J	0.6 J
Perfluorobutanoic Acid	ng/l			na	11 U	8.6	9.7
Perfluorodecane Sulfonic Acid	ng/l			na	0.3 U	0.33 U	0.27 U
Perfluorodecanoic acid (PFDA)	ng/l			0.5 U	0.29 U	0.32 U	0.26 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.51 U	0.56 U	0.46 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.18 U	0.19 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			160	130	130	110
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2 J	0.92 U	0.58 U	0.65 U
Perfluorohexanoic acid (PFHxA)	ng/l			150	110	94	99
Perfluorononanoic acid (PFNA)	ng/l			0.6 U	0.25 U	0.27 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	0.37 U	1 U	0.36 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2 U	0.5 U	0.55 U	0.46 U
Perfluorooctanoic acid (PFOA)	ng/l	10		4100	3900 J	3400 J	3700 J
Perfluoropentanoic Acid (PFPeA)	ng/l			na	20	16	18
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	0.27 U	0.74 U	0.24 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			0.5 U	1.2 U	1.3 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1.1 U	0.93 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	1.9 U	0.47 U	1.7 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.9 U	2.5 U	1.7 U
pH	ph units		8.5	8.7	7.57	8.11	7.6
Total Organic Carbon	mg/l			2.1	1 U	0.66 J	0.51 J

Notes and Abbreviations

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N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004D JS-MW-004D(12092020)-B5 2020-12-09 460-224751-16 WG N Y	JS-MW-005A JS-MW-005A(01042017) 2017-01-04 8776549 WG N Y	JS-MW-005A DUP (05022018)-20180502 2018-05-02 480-135361-3 WG FD Y	JS-MW-005A JS-MW-005A (05022018) 2018-05-02 R1804103-001 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	na	na	0.83 U
NMeFOSAA	ng/l			1.1 U	na	na	4.2 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.39 J	2 J	na	0.9 U
Perfluorobutanoic Acid	ng/l			8.5	na	na	2.7 U
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	na	na	1.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.5 U	na	0.85 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.5 U	na	0.46 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	na	na	0.88 U
Perfluoroheptanoic acid (PFHpA)	ng/l			110	8	na	2.7 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.59 J	1 U	na	0.94 U
Perfluorohexanoic acid (PFHxA)	ng/l			93	8	na	1.1 J
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.6 U	na	1 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.9 U	na	na	0.35 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	2 U	na	1 U
Perfluorooctanoic acid (PFOA)	ng/l	10		3200 J	200	na	82
Perfluoropentanoic Acid (PFPeA)	ng/l			16	na	na	1.1 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 U	0.5 U	na	1.2 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	na	0.75 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	na	0.31 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	na	na	0.65 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	na	na	1.2 U
pH	ph units		8.5	8.08	7.4	na	na
Total Organic Carbon	mg/l			0.67 J	1.7	1.2 J	na

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-005A JS-MW-005A (05022018)-20180502 2018-05-02 480-135361-2 WG N Y	JS-MW-005A JS-MW-005A(10232019)-B2 2019-10-23 480-161621-9 WG N Y	JS-MW-005A JS-MW-005A(12092020)-B3 2020-12-09 460-224751-13 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	1.7 U	1.2 U
NMeFOSAA	ng/l			na	2.9 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			na	1.1 J	0.85 J
Perfluorobutanoic Acid	ng/l			na	1.6 U	2.2 U
Perfluorodecane Sulfonic Acid	ng/l			na	0.29 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			na	0.29 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			na	0.51 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			na	3.7	2
Perfluorohexanesulfonic acid (PFHxS)	ng/l			na	0.58 U	0.53 U
Perfluorohexanoic acid (PFHxA)	ng/l			na	2.1	0.78 J
Perfluorononanoic acid (PFNA)	ng/l			na	0.36 J	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	1.2 U	0.92 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		na	1.6 J	1.1 J
Perfluorooctanoic acid (PFOA)	ng/l	10		na	110	61
Perfluoropentanoic Acid (PFPeA)	ng/l			na	0.76 J	0.91 J
Perfluorotetradecanoic acid (PFTA)	ng/l			na	0.27 U	0.68 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			na	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			na	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	1.8 U	0.43 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.8 U	2.3 U
pH	ph units		8.5	na	7.36	7.8
Total Organic Carbon	mg/l			1.3 J	1.6 J	1.6

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-018 JS-TMW-018(05162018)-20180516 2018-05-16 480-136120-1 WG N Y	JS-TMW-030 JS-TMW-030(05242018)-20180524 2018-05-24 480-136519-1 WG N Y	JS-TMW-033 JS-TMW-033(05162018)-20180516 2018-05-16 480-136120-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			19 U	27 U	19 U
NMeFOSAA	ng/l			19 U	27 U	19 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.7 J	0.5 J	0.59 J
Perfluorobutanoic Acid	ng/l			6.5 U	2.8 U	4.5 U
Perfluorodecane Sulfonic Acid	ng/l			1.9 U	2.7 U	1.9 U
Perfluorodecanoic acid (PFDA)	ng/l			0.63 J	2.7 U	1.9 U
Perfluorododecanoic acid (PFDoA)	ng/l			1.9 U	2.7 U	1.9 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			1.9 U	2.7 U	1.9 U
Perfluoroheptanoic acid (PFHpA)	ng/l			7.5	11	44
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.37 U	0.59 U	1.2 U
Perfluorohexanoic acid (PFHxA)	ng/l			14	10	38
Perfluorononanoic acid (PFNA)	ng/l			0.41 J	0.37 J	1.2 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			1.9 U	2.7 U	1.9 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1.9 U	2.7 U	1.9 U
Perfluorooctanoic acid (PFOA)	ng/l	10		320	140	1200 J
Perfluoropentanoic Acid (PFPeA)	ng/l			3.1	2.4 J	9.2
Perfluorotetradecanoic acid (PFTA)	ng/l			1.9 U	2.7 U	1.9 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.9 U	2.7 U	1.9 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.9 U	2.7 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			19 U	27 U	19 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			19 U	7.1 J	2.5 J
pH	ph units		8.5	7.74	7.77	7.79
Total Organic Carbon	mg/l			2.3 J	3 J	8.6

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-035 JS-TMW-035(05242018)-20180524 2018-05-24 480-136519-2 WG N Y	JS-TMW-036 JS-TMW-036(05172018)-20180517 2018-05-17 480-136207-1 WG N Y	JS-TMW-037 JS-TMW-037(05162018)-20180516 2018-05-16 480-136016-7 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			20 U	21 U	2 U
NMeFOSAA	ng/l			20 U	21 U	3.2 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.8 J	2.1 U	0.6 J
Perfluorobutanoic Acid	ng/l			1.2 U	2.7 U	0.36 U
Perfluorodecane Sulfonic Acid	ng/l			2 U	2.1 U	0.33 U
Perfluorodecanoic acid (PFDA)	ng/l			2 U	2.1 U	0.32 U
Perfluorododecanoic acid (PFDoA)	ng/l			2 U	2.1 U	0.57 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			2 U	2.1 U	0.2 U
Perfluoroheptanoic acid (PFHpA)	ng/l			3.9	4.8	11
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.45 U	0.39 U	0.17 U
Perfluorohexanoic acid (PFHxA)	ng/l			3.7	6.1	6.7
Perfluorononanoic acid (PFNA)	ng/l			1.7 J	2.1 U	0.53 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			2 U	2.1 U	0.36 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2 U	2.1 U	0.55 U
Perfluorooctanoic acid (PFOA)	ng/l	10		120	68	1000 J
Perfluoropentanoic Acid (PFPeA)	ng/l			0.88 J	1.5 J	1.7 J
Perfluorotetradecanoic acid (PFTA)	ng/l			2 U	2.1 U	0.3 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			2 U	2.1 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			2 U	2.1 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			20 U	21 U	2.1 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			20 U	21 U	2.2 J
pH	ph units		8.5	7.83	7.69	7.75
Total Organic Carbon	mg/l			5.9	7	12.1

Notes and Abbreviations

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N - Primary sample

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-038 JS-TMW-038(05162018)-20180516 2018-05-16 480-136016-8 WG N Y	JS-TMW-039 DUP(05152018)-20180515 2018-05-15 480-136016-6 WG FD Y	JS-TMW-039 JS-TMW-039(05152018)-20180515 2018-05-15 480-136016-4 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			2 U	1.9 U	2 U
NMeFOSAA	ng/l			3.2 U	3 U	3.3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.21 U	0.8 J	0.74 J
Perfluorobutanoic Acid	ng/l			0.36 U	0.34 UJ	0.37 UJ
Perfluorodecane Sulfonic Acid	ng/l			0.33 U	0.31 U	0.34 U
Perfluorodecanoic acid (PFDA)	ng/l			0.32 U	0.3 U	0.33 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.57 U	0.54 U	0.58 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.2 U	0.19 U	0.2 U
Perfluoroheptanoic acid (PFHpA)	ng/l			22	5.2	5.4
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.17 U	0.17 U	0.18 U
Perfluorohexanoic acid (PFHxA)	ng/l			17	4.1	4.4
Perfluorononanoic acid (PFNA)	ng/l			1.5 J	0.73 J	0.62 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.36 U	0.34 U	0.37 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.56 U	0.53 U	0.57 U
Perfluorooctanoic acid (PFOA)	ng/l	10		680 J	260	260
Perfluoropentanoic Acid (PFPeA)	ng/l			3.3	0.98 J	0.8 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.3 U	0.28 U	0.31 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.3 U	1.4 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1.1 U	1.2 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			2.1 U	2 U	2.1 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			8.1 J	2 U	2.1 U
pH	ph units		8.5	7.88	9.31	9.1
Total Organic Carbon	mg/l			6.3	4.7 J	20 U

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-044 JS-TMW-044(05152018)-20180515 2018-05-15 480-136016-5 WG N Y	JS-TMW-049 JS-TMW-049(05152018)-20180515 2018-05-15 480-136016-3 WG N Y	JS-TMW-050 JS-TMW-050(05142018)-20180514 2018-05-14 480-136016-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.9 U	2 U	2.2 U
NMeFOSAA	ng/l			3.1 U	3.2 U	3.5 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.2 J	1.3 J	1.6 J
Perfluorobutanoic Acid	ng/l			0.35 U	0.36 U	0.4 U
Perfluorodecane Sulfonic Acid	ng/l			0.32 U	0.33 U	0.37 U
Perfluorodecanoic acid (PFDA)	ng/l			1.1 J	0.42 J	0.44 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.55 U	0.57 U	0.63 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 U	0.2 U	0.22 U
Perfluoroheptanoic acid (PFHpA)	ng/l			35	5.1	6.8
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.17 U	0.18 U	0.19 U
Perfluorohexanoic acid (PFHxA)	ng/l			16	3.8	5.6
Perfluorononanoic acid (PFNA)	ng/l			7	0.93 J	1.2 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 U	0.36 U	0.4 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.3	2.1	3.9
Perfluorooctanoic acid (PFOA)	ng/l	10		4100 J	260	290
Perfluoropentanoic Acid (PFPeA)	ng/l			6.4	2.1	4
Perfluorotetradecanoic acid (PFTA)	ng/l			0.29 U	0.3 U	0.33 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.3 U	1.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1.1 U	1.3 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			2 U	2.1 U	2.3 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2 U	2.1 U	2.3 U
pH	ph units		8.5	7.57	7.74	7.35
Total Organic Carbon	mg/l			1.7 J	1.6 J	1.6 J

Notes and Abbreviations

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na - Sample not analyzed for this parameter

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-053 JS-TMW-053(05152018)-20180515 2018-05-15 480-136016-2 WG N Y	JS-TMW-062 JS-TMW-062(10222019)-B1 2019-10-22 480-161498-14 WG N Y	JS-TMW-063 JS-TMW-063(10222019)-B1 2019-10-22 480-161398-4 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.9 U	1.8 U	1.7 U
NMeFOSAA	ng/l			3.1 U	2.9 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.2 U	1.5 J	1.3 J
Perfluorobutanoic Acid	ng/l			2.9 B	4.9	2.7 U
Perfluorodecane Sulfonic Acid	ng/l			0.32 U	0.3 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.31 U	0.29 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.55 U	0.52 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			26	12	7.3
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.73 BJ	0.81 U	0.74 U
Perfluorohexanoic acid (PFHxA)	ng/l			27	6.8	4
Perfluorononanoic acid (PFNA)	ng/l			0.47 J	1.2 J	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 U	0.37 J	1 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1.5 J	2.8	2.6
Perfluorooctanoic acid (PFOA)	ng/l	10		860 J	370	200
Perfluoropentanoic Acid (PFPeA)	ng/l			6	2.1	1.5 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.29 U	0.27 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			2 U	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.1 J	1.9 U	1.8 U
pH	ph units		8.5	7.75	7.31	6.95
Total Organic Carbon	mg/l			14.7	1.6	1.1

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

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Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-064 JS-TMW-064(10222019)-B1 2019-10-22 480-161398-5 WG N Y	JS-TMW-065 JS-TMW-065(10222019)-B1 2019-10-22 480-161498-15 WG N Y	JS-TMW-066 DUP(10232019)-B2 2019-10-23 480-161498-19 WG FD Y	JS-TMW-066 JS-TMW-066(10232019)-B2 2019-10-23 480-161498-17 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.7 U	1.6 U	1.6 U	1.8 U
NMeFOSAA	ng/l			2.8 U	2.7 U	2.6 U	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.2 J	1.1 J	1.9	2.6
Perfluorobutanoic Acid	ng/l			2.9 U	2.9	4.4	4.5
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.28 U	0.27 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.27 U	3	1.4 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.48 U	0.46 U	0.53 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.16 U	0.16 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			5.7	7.2	21	21
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.64 U	0.61 U	0.78 U	0.78 U
Perfluorohexanoic acid (PFHxA)	ng/l			3.1	3.8	12	13
Perfluorononanoic acid (PFNA)	ng/l			0.37 J	0.62 J	7.7	2.7
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.4 U	0.3 U	0.29 U	0.34 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2 J	2	3.8	4.6
Perfluorooctanoic acid (PFOA)	ng/l	10		160	280	2500 J	2900 J
Perfluoropentanoic Acid (PFPeA)	ng/l			1.1 J	1.2 J	4.6	5.5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.25 U	0.24 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.1 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.98 U	0.95 U	0.92 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.7 U	1.7 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.7 U	1.7 U	1.9 U
pH	ph units		8.5	6.98	7.03	7.03	7.05
Total Organic Carbon	mg/l			1.2	1.5	1.3	2.2

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-067 JS-TMW-067(10232019)-B2 2019-10-23 480-161498-18 WG N Y	JS-TMW-068 JS-TMW-068(10222019)-B1 2019-10-22 480-161498-16 WG N Y	OS-MW-024B OS-MW-024B(01062017) 2017-01-06 8776973 WG N Y	OS-MW-024B OS-MW-024B(10232019)-B2 2019-10-23 480-161498-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.6 U	1.6 U	na	1.7 U
NMeFOSAA	ng/l			2.6 U	2.7 U	na	2.7 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			1.8	2.1	2 J	1.9
Perfluorobutanoic Acid	ng/l			5	5.6	na	4.9
Perfluorodecane Sulfonic Acid	ng/l			0.27 U	0.27 U	na	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			3.1	4.1 J	0.5 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.47 U	0.47 U	0.5 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.16 U	0.16 U	na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			21	50 J	22	16
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.87 U	0.75 U	1 J	0.81 U
Perfluorohexanoic acid (PFHxA)	ng/l			12	18 J	14	11
Perfluorononanoic acid (PFNA)	ng/l			8.1	15 J	1 J	0.48 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.3 U	0.3 U	na	0.31 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.9	5.8 J	2 J	1.6 J
Perfluorooctanoic acid (PFOA)	ng/l	10		2500 J	5800 J	620	420
Perfluoropentanoic Acid (PFPeA)	ng/l			4.3	6.5 J	na	5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 J	0.25 U	0.5 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.1 U	0.5 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.94 U	0.94 U	1 U	0.97 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.7 U	1.7 U	na	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.7 U	1.7 U	na	1.8 U
pH	ph units		8.5	6.99	6.92	7.6	7.39
Total Organic Carbon	mg/l			1.3	1.5	1	0.53 J

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-024BR OS-MW-24BR(10232019)-B1 2019-10-23 480-161621-6 WG N Y	OS-MW-025A OS-MW-025A(01062017) 2017-01-06 8776964 WG N Y	OS-MW-025A OS-MW-025A (10102019) 2019-10-10 480-160747-11 WG N Y	OS-MW-025A OS-MW-025A(10242019)-B2 2019-10-24 480-161634-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.8 U	na	1.8 U	1.7 U
NMeFOSAA	ng/l			3 U	na	2.9 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 U	3	1.8	3.1
Perfluorobutanoic Acid	ng/l			3	na	3.3	3 U
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	na	0.29 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.3 U	0.5 U	0.29 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.53 U	0.5 U	0.51 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	na	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.78 J	10	7.7	7.1
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.22 U	1 U	0.79 U	0.87 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.7 J	9	5.9	5.6
Perfluorononanoic acid (PFNA)	ng/l			0.32 J	0.9 J	0.93 J	0.89 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.59 U	na	0.38 J	0.37 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.52 U	6 J	4.6 U	4.7 J
Perfluorooctanoic acid (PFOA)	ng/l	10		3.6	640 J	340	340
Perfluoropentanoic Acid (PFPeA)	ng/l			0.78 J	na	2.1	2.8
Perfluorotetradecanoic acid (PFTA)	ng/l			0.28 U	0.5 U	0.27 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U	0.98 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	na	1.8 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	na	1.8 U	1.8 U
pH	ph units		8.5	7.75	6.9	6.86	6.94
Total Organic Carbon	mg/l			1	1.2	0.75 J	0.56 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-025A OS-MW-025A(06232020)-B2 2020-06-23 460-211844-4 WG N Y	OS-MW-025A OS-MW-025A(10212020) 2020-10-21 460-221392-12 WG N Y	OS-MW-025A OS-MW-025A (02032021) 2021-02-03 460-227796-5 WG N Y	OS-MW-025B OS-MW-025B(01092017) 2017-01-09 8779935 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.1 U	1 U	na
NMeFOSAA	ng/l			3 U	1 U	0.95 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.5	3.6	2.7	5
Perfluorobutanoic Acid	ng/l			4.4 U	4.4	2.9 J	na
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	0.27 U	0.25 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.3 U	0.26 U	0.25 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.53 U	0.47 U	0.44 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.16 U	0.15 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			12	8.1	6.2	21
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.1 U	1.2 J	0.89 J	2 J
Perfluorohexanoic acid (PFHxA)	ng/l			9.1	6.9	4.4	17
Perfluorononanoic acid (PFNA)	ng/l			0.76 J	0.97 J	0.6 J	1 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.35 U	0.84 U	0.78 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4.7 J	4.8 J	3.1 J	9 J
Perfluorooctanoic acid (PFOA)	ng/l	10		410 J	340	230	660 J
Perfluoropentanoic Acid (PFPeA)	ng/l			3.7	4.1	1.9	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.28 U	0.62 U	0.58 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.1 U	1 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	0.94 U	0.87 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	0.39 U	0.37 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	2.1 U	2 U	na
pH	ph units		8.5	7.67	7.7	7.4	7.5
Total Organic Carbon	mg/l			0.7 J	1 U	0.71 J	1.6

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-025B OS-MW-025B(10242019)-B2 2019-10-24 480-161634-11 WG N Y	OS-MW-025C OS-MW-025C(01062017) 2017-01-06 8776965 WG N Y	OS-MW-025C OS-MW-025C(10242019)-B3 2019-10-24 480-161634-12 WG N Y	OS-MW-026A OS-MW-026A(01062017) 2017-01-06 8776968 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.7 U	na	1.7 U	na
NMeFOSAA	ng/l			2.8 U	na	2.8 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.6	3	2.6	10 J
Perfluorobutanoic Acid	ng/l			4.2	na	4.4	na
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	na	0.29 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.5 U	0.28 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.49 U	0.5 U	0.49 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	0.17 J	na
Perfluoroheptanoic acid (PFHpA)	ng/l			12	22	13	20
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.3 U	1 J	1.2 U	2 J
Perfluorohexanoic acid (PFHxA)	ng/l			9.5	24	9.7	17
Perfluorononanoic acid (PFNA)	ng/l			1.4 J	0.7 J	1.5 J	2 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.31 U	na	0.31 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		7.7	2 U	7	12 J
Perfluorooctanoic acid (PFOA)	ng/l	10		460 J	610 J	430	730 J
Perfluoropentanoic Acid (PFPeA)	ng/l			4.8	na	5	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.26 U	0.5 U	0.26 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.99 U	1 U	0.98 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	na	1.8 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	na	1.8 U	na
pH	ph units		8.5	7.24	7.5	7.31	7
Total Organic Carbon	mg/l			0.61 J	1.2	0.65 J	1.5

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026A DUP(12182019)-B6 2019-12-18 480-164474-7 WG FD Y	OS-MW-026A OS-MW-026A(12182019)-B6 2019-12-18 480-164474-2 WG N Y	OS-MW-026A OS-MW-026A(06242020)-B2 2020-06-24 460-211844-10 WG N Y	OS-MW-026A OS-MW-026A(10212020) 2020-10-21 460-221392-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.7 U	1.7 U	1.2 U
NMeFOSAA	ng/l			2.9 U	2.8 U	2.7 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			8	8.1	9.6	6.1
Perfluorobutanoic Acid	ng/l			6.4	6.5	6.5	4.6
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.28 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.28 U	0.27 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.5 U	0.48 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.19 J	0.2 J	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			21	22	15	13
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2.4 U	2.3 U	2.2 U	3.3
Perfluorohexanoic acid (PFHxA)	ng/l			17	18	15	11
Perfluorononanoic acid (PFNA)	ng/l			1.2 J	1.3 J	1 J	0.99 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			4.1	1.8	7.2	0.89 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		8.9	9.2	8.4	8.8
Perfluorooctanoic acid (PFOA)	ng/l	10		600 J	630 J	560 J	510 J
Perfluoropentanoic Acid (PFPeA)	ng/l			8.5	8.7	7.8	6
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.26 U	0.25 U	0.66 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.97 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.8 U	1.8 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.8 U	1.8 U	2.3 U
pH	ph units		8.5	7.27	7.24	7.63	7.56
Total Organic Carbon	mg/l			1.2 J	1.4 J	1.3	0.95 J

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026A OS-MW-026A (02032021) 2021-02-03 460-227796-6 WG N Y	OS-MW-026B MW-DUP-001(01062017) 2017-01-06 8776972 WG FD Y	OS-MW-026B OS-MW-026B(01062017) 2017-01-06 8776971 WG N Y	OS-MW-026B OS-MW-026B(12172019)-B1 2019-12-17 480-164474-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	na	na	1.8 U
NMeFOSAA	ng/l			1.1 U	na	na	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			10	3	3	2
Perfluorobutanoic Acid	ng/l			5.6	na	na	4.6
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	na	na	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.6 J	0.6 J	0.55 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.5 U	0.5 U	0.52 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	na	na	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			13	47	43	32
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2.4	2 J	1 J	1.5 U
Perfluorohexanoic acid (PFHxA)	ng/l			11	28	27	15
Perfluorononanoic acid (PFNA)	ng/l			1 J	5	4	5
Perfluorooctane Sulfonamide (FOSA)	ng/l			4.3	na	na	0.33 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		9.8	2 J	3 J	2 J
Perfluorooctanoic acid (PFOA)	ng/l	10		390	3600	3900	2800 J
Perfluoropentanoic Acid (PFPeA)	ng/l			6.3	na	na	6
Perfluorotetradecanoic acid (PFTA)	ng/l			0.66 U	0.5 U	0.5 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	0.5 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	na	na	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	na	na	1.9 U
pH	ph units		8.5	7.58	7.6	7.7	7.76
Total Organic Carbon	mg/l			1.1	1.3	1.3	1.1

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026BR OS-MW-026BR(12182019)-B1 2019-12-18 480-164474-4 WG N Y	OS-MW-026C OS-MW-026C(01092017) 2017-01-09 8779940 WG N Y	OS-MW-026C OS-MW-026C(12182019)-B1 2019-12-18 480-164474-3 WG N Y	OS-MW-027A OS-MW-027A(01102017) 2017-01-10 8781875 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.8 U	na	1.7 U	na
NMeFOSAA	ng/l			2.9 U	na	2.8 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 U	0.7 U	0.18 U	2 J
Perfluorobutanoic Acid	ng/l			0.35 U	na	9.6	na
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	na	0.29 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.5 U	0.28 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.5 U	0.49 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	na	0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			0.23 U	14	19	19
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.25 U	1 U	0.29 U	1 J
Perfluorohexanoic acid (PFHxA)	ng/l			0.54 U	12	43 J	22
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.6 U	0.24 U	2 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.32 U	na	0.31 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	2 U	0.48 U	14 J
Perfluorooctanoic acid (PFOA)	ng/l	10		3.4	19 J	60	600 J
Perfluoropentanoic Acid (PFPeA)	ng/l			0.45 U	na	20	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.5 U	0.26 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.98 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	na	1.8 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	na	1.8 U	na
pH	ph units		8.5	7.14	8	7.84	7.2
Total Organic Carbon	mg/l			8.6	0.69 J	0.43 J	1.9

Notes and Abbreviations

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-027A DUP(10242019)-B4 2019-10-24 480-161621-12 WG FD Y	OS-MW-027A OS-MW-027A(10242019)-B4 2019-10-24 480-161621-11 WG N Y	OS-MW-027B OS-MW-027B(01102017) 2017-01-10 8781876 WG N Y	OS-MW-027B OS-MW-027B(10252019)-B2 2019-10-25 480-161634-14 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			9 U	9.2 U	na	1.7 U
NMeFOSAA	ng/l			15 U	15 U	na	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.9 J	2.6 J	0.7 U	0.18 U
Perfluorobutanoic Acid	ng/l			7 U	7.7 U	na	1.3 U
Perfluorodecane Sulfonic Acid	ng/l			1.5 U	1.6 U	na	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			1.5 U	1.5 U	0.5 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			2.6 U	2.7 U	0.5 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.9 U	0.92 U	na	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			12	12	0.5 U	0.39 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.7 U	1.5 U	1 U	0.25 U
Perfluorohexanoic acid (PFHxA)	ng/l			12	12	1 U	0.77 J
Perfluorononanoic acid (PFNA)	ng/l			1.8 J	1.9 J	0.6 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			1.7 U	1.7 U	na	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		11	10 J	2 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		700 J	670 J	1 U	1.8
Perfluoropentanoic Acid (PFPeA)	ng/l			6.4 J	5.8 J	na	1.5 J
Perfluorotetradecanoic acid (PFTA)	ng/l			1.4 U	1.4 U	0.5 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			6.2 U	6.3 U	0.5 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			5.2 U	5.3 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			9.5 U	9.7 U	na	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			9.5 U	9.7 U	na	6.4 J
pH	ph units		8.5	7.46	7.42	8.3	7.69
Total Organic Carbon	mg/l			2.1	2.1	0.5 U	1 U

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-027BR OS-MW-027BR(10282019)-B4 2019-10-28 480-161791-1 WG N Y	OS-MW-027C OS-MW-027C(01102017) 2017-01-10 8781877 WG N Y	OS-MW-027C OS-MW-027C(10242019)-B4 2019-10-24 480-161634-13 WG N Y	OS-MW-028B OS-MW-028B(01092017) 2017-01-09 8779941 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.9 U	na	1.8 U	na
NMeFOSAA	ng/l			3.1 U	na	2.9 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.2 U	0.7 U	0.19 U	0.7 U
Perfluorobutanoic Acid	ng/l			0.54 J	na	0.84 U	na
Perfluorodecane Sulfonic Acid	ng/l			0.32 U	na	0.3 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.31 U	0.5 U	0.29 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.54 U	0.5 U	0.52 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 U	na	0.18 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			0.25 U	2	1 J	89
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.35 U	1 U	0.25 U	1 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.57 U	3 U	1.8 J	76
Perfluorononanoic acid (PFNA)	ng/l			0.27 U	0.6 U	0.25 U	0.6 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.34 U	na	0.33 U	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.53 U	2 U	0.51 U	2 U
Perfluorooctanoic acid (PFOA)	ng/l	10		0.84 U	25 J	16	1700
Perfluoropentanoic Acid (PFPeA)	ng/l			0.48 U	na	0.6 J	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.32 J	0.5 U	0.33 J	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	0.5 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			2 U	na	1.9 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2 U	na	1.9 U	na
pH	ph units		8.5	7.45	8.7	7.64	8.3
Total Organic Carbon	mg/l			0.91 J	0.5 U	1 U	0.69 J

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-028B OS-MW-028B(10292019)-B6 2019-10-29 480-161938-1 WG N Y	OS-MW-028BR OS-MW-028BR(10292019)-B1 2019-10-29 480-161938-3 WG N Y	OS-MW-028C OS-MW-028C(01062017) 2017-01-06 8776961 WG N Y	OS-MW-028C OS-MW-028C(10292019)-B6 2019-10-29 480-161938-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.8 U	1.8 U	na	1.9 U
NMeFOSAA	ng/l			2.9 U	3 U	na	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 U	0.19 U	0.8 J	0.62 J
Perfluorobutanoic Acid	ng/l			6.2 U	0.34 U	na	9.4
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.31 U	na	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.3 U	0.5 U	0.46 UJ
Perfluorododecanoic acid (PFDoA)	ng/l			0.52 U	0.53 U	0.5 U	0.54 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.18 U	na	0.19 U
Perfluoroheptanoic acid (PFHpA)	ng/l			65	0.24 U	140	99
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.67 UJ	0.16 U	1 U	0.77 U
Perfluorohexanoic acid (PFHxA)	ng/l			60	0.56 U	110	86
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.26 U	0.6 U	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.5 U	0.41 U	na	0.34 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.51 U	0.76 U	2 U	0.53 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1700	19	4400	3700
Perfluoropentanoic Acid (PFPeA)	ng/l			10	0.47 U	na	15
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.28 U	0.5 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	0.5 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1.1 U	1 U	1.1 J
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	1.9 U	na	2 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	1.9 U	na	2 U
pH	ph units		8.5	7.84	9.72	7.8	7.67
Total Organic Carbon	mg/l			0.58 J	2.2	0.95 J	0.63 J

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-030A OS-MW-030A(10242019)-B2 2019-10-24 480-161634-6 WG N Y	OS-MW-030B OS-MW-030B(01092017) 2017-01-09 8779942 WG N Y	OS-MW-030B OS-MW-030B(10242019)-B1 2019-10-24 480-161634-7 WG N Y	OS-MW-030BR OS-MW-030BR(10302019)-B5 2019-10-30 480-162036-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.8 U	na	1.7 U	1.8 U
NMeFOSAA	ng/l			2.9 U	na	2.8 U	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			7	1 J	0.8 J	0.19 U
Perfluorobutanoic Acid	ng/l			5.6	na	8.2	3.5 UJ
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	na	0.29 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.5 U	0.28 U	0.3 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.52 U	0.5 U	0.49 U	2.5
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 J	na	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			13	130	91	0.48 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.4 U	1 U	0.67 U	0.34 U
Perfluorohexanoic acid (PFHxA)	ng/l			12	110	81	0.75 J
Perfluorononanoic acid (PFNA)	ng/l			1.3 J	0.6 U	0.24 U	0.26 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.33 U	na	0.31 U	0.34 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		6.8	2 U	0.48 U	0.52 U
Perfluorooctanoic acid (PFOA)	ng/l	10		520 J	3800	4000 J	9.7
Perfluoropentanoic Acid (PFPeA)	ng/l			9.4	na	16	0.63 J
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.5 U	0.26 U	0.58 J
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	0.5 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.99 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	na	1.8 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	na	1.8 U	1.9 U
pH	ph units		8.5	na	8.8	9.16	12.4
Total Organic Carbon	mg/l			na	1.9	1.2	8

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Former Oak Materials John Street
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-030C OS-MW-030C(01092017) 2017-01-09 8779943 WG N Y	OS-MW-030C OS-MW-030C(10242019)-B1 2019-10-24 480-161634-8 WG N Y	OS-MW-030D OS-MW-030D(01092017) 2017-01-09 8781878 WG N Y	OS-MW-030D OS-MW-030D(10242019)-B1 2019-10-24 480-161634-9 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			na	1.7 U	na	1.8 U
NMeFOSAA	ng/l			na	2.8 U	na	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.9 J	0.76 J	0.7 U	0.62 J
Perfluorobutanoic Acid	ng/l			na	8.4	na	9.7
Perfluorodecane Sulfonic Acid	ng/l			na	0.29 U	na	0.29 UJ
Perfluorodecanoic acid (PFDA)	ng/l			0.5 U	0.28 U	0.5 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.5 U	0.5 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.17 U	na	0.18 UJ
Perfluoroheptanoic acid (PFHpA)	ng/l			130	94	130	120 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1 U	0.7 U	1 U	0.59 U
Perfluorohexanoic acid (PFHxA)	ng/l			120	82	140	110
Perfluorononanoic acid (PFNA)	ng/l			0.6 U	0.24 U	0.6 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	0.32 U	na	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2 U	0.49 U	2 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		3900	4100 J	3700	3500 J
Perfluoropentanoic Acid (PFPeA)	ng/l			na	16	na	20
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	0.26 U	0.5 U	0.27 U
Perfluorotridecanoic Acid (PFTrIA)	ng/l			0.5 U	1.2 U	0.5 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.99 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	1.8 U	na	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.8 U	na	1.8 U
pH	ph units		8.5	8	7.58	8	7.57
Total Organic Carbon	mg/l			0.83 J	0.52 J	0.86 J	0.55 J

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031A OS-MW-031A(01062017) 2017-01-06 8776948 WG N Y	OS-MW-031A OS-MW-031A (10092019) 2019-10-09 480-160747-7 WG N Y	OS-MW-031A OS-MW-031A(12182019)-B1 2019-12-18 480-164474-5 WG N Y	OS-MW-031A OS-MW-031A(03262020)-B1 2020-03-26 460-206044-3 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			na	1.8 U	1.7 U	1.7 U
NMeFOSAA	ng/l			na	2.9 U	2.8 U	2.7 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			7	2.6	4.1	2.8
Perfluorobutanoic Acid	ng/l			na	3.5	4.7	4.8
Perfluorodecane Sulfonic Acid	ng/l			na	0.3 U	0.29 U	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			0.5 U	0.29 U	0.28 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.51 U	0.5 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			na	0.18 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			11	8.2	15	13
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1 U	1.7 U	1.1 U	1.4 U
Perfluorohexanoic acid (PFHxA)	ng/l			8	7.3	9.2	9.6
Perfluorononanoic acid (PFNA)	ng/l			1 J	0.85 J	1.9	1.2 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			na	9.8	1 J	15
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		5 J	3.9	5.2 J	5.6
Perfluorooctanoic acid (PFOA)	ng/l	10		640 J	280	1000 J	490 J
Perfluoropentanoic Acid (PFPeA)	ng/l			na	4.5	6.7	5.5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.5 U	0.27 U	0.26 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			0.5 U	1.2 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U	0.97 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			na	1.8 U	1.8 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			na	1.8 U	1.8 U	1.8 U
pH	ph units		8.5	7.3	7.05	7.51	8.01
Total Organic Carbon	mg/l			1.4	0.87 J	1	0.93 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

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N - Primary sample

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031A OS-MW-031A(06242020)-B1 2020-06-24 460-211844-13 WG N Y	OS-MW-031A OS-MW-031A(10212020) 2020-10-21 460-221392-8 WG N Y	OS-MW-031A OS-MW-031A (02032021) 2021-02-03 460-227796-7 WG N Y	OS-MW-031B OS-MW-031B(01062017) 2017-01-06 8776952 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.6 U	1.1 U	1.2 U	na
NMeFOSAA	ng/l			2.7 U	1 U	1.1 U	na
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.9	4.7	2.9	2 J
Perfluorobutanoic Acid	ng/l			5.2 U	4.9	6.5	na
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.27 U	0.29 U	na
Perfluorodecanoic acid (PFDA)	ng/l			0.27 U	0.26 U	0.28 U	0.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	0.47 U	0.49 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.16 U	0.16 U	0.17 U	na
Perfluoroheptanoic acid (PFHpA)	ng/l			18	15	10	30
Perfluorohexanesulfonic acid (PFHxS)	ng/l			2.2 U	2.9	2.2	2 J
Perfluorohexanoic acid (PFHxA)	ng/l			15	11	9.9	28
Perfluorononanoic acid (PFNA)	ng/l			1.1 J	1.1 J	0.85 J	0.9 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			8.4	3.6	15	na
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		4.3	6.7	4.6	2 U
Perfluorooctanoic acid (PFOA)	ng/l	10		540 J	520 J	310	980
Perfluoropentanoic Acid (PFPeA)	ng/l			5.8	6	8.4	na
Perfluorotetradecanoic acid (PFTA)	ng/l			0.25 U	0.62 U	0.66 U	0.5 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.1 U	1.2 U	0.5 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.95 U	0.93 U	0.99 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.7 U	0.39 U	0.41 U	na
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.7 U	2.1 U	2.2 U	na
pH	ph units		8.5	8	7.95	7.76	7.4
Total Organic Carbon	mg/l			1	1.1	0.84 J	14

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031B OS-MW-031B(03262020)-B1 2020-03-26 460-206044-2 WG N Y	OS-MW-031BR DUP(03262020) 2020-03-26 460-206044-4 WG FD Y	OS-MW-031BR OS-MW-031BR(03262020)-B1 2020-03-26 460-206044-1 WG N Y	OS-MW-032B DUP(10242019)-B3 2019-10-24 480-161621-5 WG FD Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.7 U	1.6 U	1.6 U	9 U
NMeFOSAA	ng/l			2.7 U	2.6 U	2.7 U	15 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.7	0.17 U	0.17 U	0.94 U
Perfluorobutanoic Acid	ng/l			4.5	0.65 U	0.84 U	7.8 J
Perfluorodecane Sulfonic Acid	ng/l			0.28 U	0.27 U	0.28 U	1.5 U
Perfluorodecanoic acid (PFDA)	ng/l			0.27 U	0.26 U	0.27 U	1.5 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.48 U	0.46 U	0.48 U	2.6 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.16 U	0.16 U	0.9 U
Perfluoroheptanoic acid (PFHpA)	ng/l			18	0.27 J	0.26 J	77
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.3 U	0.29 U	0.43 U	0.8 U
Perfluorohexanoic acid (PFHxA)	ng/l			14	1.1 UJ	1.1 U	84
Perfluorononanoic acid (PFNA)	ng/l			0.79 J	0.23 U	0.23 U	1.3 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			2.8 U	0.38 U	0.46 U	1.7 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		3.3	0.49 J	0.61 J	2.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		680 J	3.1	3.3	1300 J
Perfluoropentanoic Acid (PFPeA)	ng/l			5.7	0.76 U	0.85 U	14
Perfluorotetradecanoic acid (PFTA)	ng/l			0.25 U	0.24 U	0.25 U	1.4 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.1 U	1.1 U	1.1 UJ	6.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.96 U	0.92 U	0.95 U	5.2 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.7 U	1.7 U	1.7 U	9.4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.7 U	1.7 U	1.7 U	9.4 U
pH	ph units		8.5	8.05	9.28	9.32	7.63
Total Organic Carbon	mg/l			0.69 J	1.3 J	1.3 J	1 U

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-032B OS-MW-32B(10242019)-B3 2019-10-24 480-161621-3 WG N Y	OS-MW-032C OS-MW-32C(10232019)-B2 2019-10-23 480-161621-4 WG N Y	OS-MW-033B OS-MW-033B(10252019)-B1 2019-10-25 480-161634-4 WG N Y	OS-MW-033C OS-MW-033C(10252019)-B1 2019-10-25 480-161634-5 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			9.2 U	1.8 U	1.7 U	1.8 U
NMeFOSAA	ng/l			15 U	2.9 U	2.9 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.97 U	0.19 U	0.46 J	0.91 J
Perfluorobutanoic Acid	ng/l			7.8 J	1.8 U	6.1	7.2
Perfluorodecane Sulfonic Acid	ng/l			1.6 U	0.3 U	0.29 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			1.5 U	0.29 U	0.29 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			2.7 U	0.52 U	0.51 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.92 U	0.18 U	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			80	3.5	78	81 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.83 U	0.31 U	0.58 U	0.68 U
Perfluorohexanoic acid (PFHxA)	ng/l			90	4.2	66	69
Perfluorononanoic acid (PFNA)	ng/l			1.3 U	0.26 U	0.25 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			1.7 U	0.9 U	0.32 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.6 U	0.51 U	0.5 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1400 J	49	2600 J	3700 J
Perfluoropentanoic Acid (PFPeA)	ng/l			15	1.1 J	11	13
Perfluorotetradecanoic acid (PFTA)	ng/l			1.4 U	0.27 U	0.27 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			6.3 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			5.3 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			9.7 U	1.9 U	1.8 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			9.7 U	1.9 U	1.8 U	1.8 U
pH	ph units		8.5	7.6	8.05	7.79	7.58
Total Organic Carbon	mg/l			1 U	0.59 J	0.44 J	0.56 J

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Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-034A OS-MW-034A(10292019)-B2 2019-10-29 480-161938-8 WG N Y	OS-MW-035B OS-MW-035B(10302019)-B1 2019-10-30 480-162036-3 WG N Y	OS-MW-036B OS-MW-036B(10302019)-B1 2019-10-30 480-162036-1 WG N Y	OS-MW-037A OS-MW-037A(10232019)-B2 2019-10-23 480-161621-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			89 U	1.8 U	1.8 U	1.8 U
NMeFOSAA	ng/l			140 U	2.9 U	2.9 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			9.3 U	0.19 U	0.19 U	2.3
Perfluorobutanoic Acid	ng/l			16 U	3.9	11	4.7
Perfluorodecane Sulfonic Acid	ng/l			15 U	0.3 U	0.3 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			14 U	0.29 U	0.29 U	0.64 J
Perfluorododecanoic acid (PFDoA)	ng/l			26 U	0.52 U	0.52 U	0.52 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			8.9 U	0.18 U	0.18 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			33 J	0.24 U	0.95 J	6
Perfluorohexanesulfonic acid (PFHxS)	ng/l			7.9 U	0.25 U	0.32 U	0.96 U
Perfluorohexanoic acid (PFHxA)	ng/l			49 J	0.55 U	5.5	4.9
Perfluorononanoic acid (PFNA)	ng/l			13 U	0.26 U	0.26 U	2.1
Perfluorooctane Sulfonamide (FOSA)	ng/l			16 U	0.33 U	0.33 U	0.39 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		25 U	0.51 U	0.51 U	11
Perfluorooctanoic acid (PFOA)	ng/l	10		760	3.6	12	78
Perfluoropentanoic Acid (PFPeA)	ng/l			33 J	2.5	5.9	5.2
Perfluorotetradecanoic acid (PFTA)	ng/l			14 U	0.27 U	0.27 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			61 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			51 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			93 U	1.9 U	1.9 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			93 U	1.9 U	1.9 U	1.9 U
pH	ph units		8.5	na	7.87	7.56	7.7
Total Organic Carbon	mg/l			na	1 U	4.4	2.2

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-039A OS-MW-39A(10292019)-B2 2019-10-29 480-161938-4 WG N Y	OS-MW-039B OS-MW-39B(10292019)-B3 2019-10-29 480-161938-5 WG N Y	OS-MW-040A OS-MW-040A(10252019) 2019-10-25 480-161634-1 WG N Y	OS-MW-041A OS-MW-041A(10252019)-B2 2019-10-25 480-161634-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.8 U	1.8 U	1.7 U	1.8 U
NMeFOSAA	ng/l			2.9 U	2.9 U	2.8 U	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			10	0.18 U	6.6	3.3
Perfluorobutanoic Acid	ng/l			8.3 U	0.32 U	4.7	5.9
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.3 U	0.29 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.29 U	0.28 U	0.3 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.52 U	0.51 U	0.49 U	0.53 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.47 UJ	0.18 U	0.21 J	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			11	0.23 U	12	25
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.3 U	0.41 U	3.9	2.1 U
Perfluorohexanoic acid (PFHxA)	ng/l			16	0.54 U	13	17
Perfluorononanoic acid (PFNA)	ng/l			1.4 U	0.25 U	0.89 J	1.5 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.33 U	0.63 U	0.31 U	0.55 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		17	0.5 U	7.9	7.2
Perfluorooctanoic acid (PFOA)	ng/l	10		250	1.1 U	320	880 J
Perfluoropentanoic Acid (PFPeA)	ng/l			16	0.45 U	9.1	7.5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.27 U	0.26 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	0.99 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	1.8 U	1.8 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	1.8 U	1.8 U	1.9 U
pH	ph units		8.5	7.34	7.9 J	7.11	7.1
Total Organic Carbon	mg/l			1.9 J	0.99 J	2.2 J	1.4 J

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-041B OS-MW-041B(10252019)-B2 2019-10-25 480-161634-3 WG N Y	OS-MW-042B OS-MW-042B(12082020)-B1 2020-12-08 460-224802-4 WG N Y	OS-MW-043A OS-MW-043A(06242020)-B6 2020-06-24 460-211844-11 WG N Y	OS-MW-043A OS-MW-043A (02032021) 2021-02-03 460-227796-4 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.8 U	1.2 U	1.7 U	1.2 U
NMeFOSAA	ng/l			2.9 U	1.1 U	2.7 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.3	3.9	4.9	4.1
Perfluorobutanoic Acid	ng/l			3.5 U	5.1	8.1	5.9
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.29 U	0.28 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.28 U	1.9	0.62 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.49 U	0.49 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.17 U	0.22 J	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			20	17	18	13
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.4 U	1.5 J	1.3 U	1.3 J
Perfluorohexanoic acid (PFHxA)	ng/l			13	13	18	11
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.71 J	5.4	2.8
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.33 U	0.88 U	0.35 U	0.9 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	4	17	12
Perfluorooctanoic acid (PFOA)	ng/l	10		940 J	460	500 J	360
Perfluoropentanoic Acid (PFPeA)	ng/l			4.3	6.4	16	10
Perfluorotetradecanoic acid (PFTA)	ng/l			0.27 U	0.65 U	0.26 U	0.67 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.98 U	0.98 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	0.41 U	1.8 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.9 U	2.2 U	4.7 J	2.3 U
pH	ph units		8.5	7.41	8.2	8.13	7.8
Total Organic Carbon	mg/l			0.47 J	1 J	2.1	2.1

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

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N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-043B OS-MW-043B(12092020)-B3 2020-12-09 460-224751-19 WG N Y	OS-MW-047B OS-MW-047B(10282019)-B3 2019-10-28 480-161791-2 WG N Y	OS-MW-047C OS-MW-047C(10282019)-B3 2019-10-28 480-161791-3 WG N Y	OS-MW-048A OS-MW-048A(12192019)-B1 2019-12-19 480-164474-9 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NETFOSAA	ng/l			1.2 UJ	1.9 U	1.8 U	1.7 U
NMeFOSAA	ng/l			1.1 U	3 U	2.9 U	2.9 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	1.4 J	1.4 J	12
Perfluorobutanoic Acid	ng/l			7.3	8.8 U	10 U	18
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.31 U	0.3 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.3 U	0.29 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 UJ	0.54 U	0.52 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.19 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			120	74 J	73 J	89
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.52 UJ	0.81 U	0.87 U	1.3 U
Perfluorohexanoic acid (PFHxA)	ng/l			83	64 J	81 J	97
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.99 J	0.49 J	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.89 U	0.34 U	0.33 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.49 UJ	0.53 U	0.51 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		3000 J	3600 J	4000	1100 J
Perfluoropentanoic Acid (PFPeA)	ng/l			14	14	17 J	17
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 UJ	0.28 U	0.27 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.3 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1.1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	2 U	1.9 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 UJ	2 U	1.9 U	1.8 U
pH	ph units		8.5	8.14	7.67	7.66	7.41
Total Organic Carbon	mg/l			1.4	0.94 J	0.62 J	5.1

Notes and Abbreviations

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-049B OS-MW-049B(12082020)-B1 2020-12-08 460-224802-5 WG N Y	OS-MW-049C OS-MW-049C(12082020)-B1 2020-12-08 460-224802-6 WG N Y	OS-MW-050B OS-MW-050B(12082020)-B2 2020-12-08 460-224802-7 WG N Y	OS-MW-050C OS-MW-050C(12092020)-B3 2020-12-09 460-224751-18 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.2 U	1.1 U	1.2 U
NMeFOSAA	ng/l			1.1 U	1.1 U	1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			2.5	2.5	2.8	0.49 J
Perfluorobutanoic Acid	ng/l			4.5	5.7	5	8.1
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.27 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.32 J	0.48 J	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.47 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.16 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			21	17	12	47
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.1 J	1.3 J	1.2 J	0.64 J
Perfluorohexanoic acid (PFHxA)	ng/l			12	13	8.3	33
Perfluorononanoic acid (PFNA)	ng/l			0.67 J	0.96 J	1.9	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.89 U	0.87 U	0.84 U	0.92 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.4 J	3.7 J	3.6	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		620	440	700	900 J
Perfluoropentanoic Acid (PFPeA)	ng/l			4.8	5.9	3.1	8.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.66 U	0.65 U	0.62 U	0.68 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.98 U	0.94 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	0.41 U	0.39 U	0.43 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	2.2 U	2.1 U	2.3 U
pH	ph units		8.5	8.16	8.17	8.12	7.99
Total Organic Carbon	mg/l			1.4 J	2.2 J	1.3	0.73 J

Notes and Abbreviations

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-051B OS-MW-051B(12102020)-B5 2020-12-10 460-224806-15 WG N Y	OS-MW-051C OS-MW-051C(12102020)-B5 2020-12-10 460-224806-16 WG N Y	OS-MW-052B OS-MW-052B(12112020)-B8 2020-12-11 460-224915-15 WG N Y	OS-MW-052C JS-DUP-01(12112020)-B4 2020-12-11 460-224915-14 WG FD Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			12 U	1.2 U	1.2 U	1.2 U
NMeFOSAA	ng/l			12 U	1.1 U	1.1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			3.4 J	0.18 U	0.66 J	0.18 U
Perfluorobutanoic Acid	ng/l			23 U	2.1 U	9.1	2.2 U
Perfluorodecane Sulfonic Acid	ng/l			3.1 U	0.29 U	0.28 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			3 U	0.28 U	0.28 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			5.3 U	0.49 U	0.49 U	0.49 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			1.8 U	0.17 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			16 J	1.1 J	120	0.31 J
Perfluorohexanesulfonic acid (PFHxS)	ng/l			5.5 U	0.51 U	0.63 J	0.51 U
Perfluorohexanoic acid (PFHxA)	ng/l			11 J	1 J	100	0.52 U
Perfluorononanoic acid (PFNA)	ng/l			2.6 U	0.24 U	0.24 U	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			9.4 U	0.87 U	0.87 U	0.88 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		5.2 U	0.48 U	0.48 U	0.48 U
Perfluorooctanoic acid (PFOA)	ng/l	10		550 J	24	2400 J	8.1
Perfluoropentanoic Acid (PFPeA)	ng/l			4.7 U	0.44 J	16	0.44 U
Perfluorotetradecanoic acid (PFTA)	ng/l			7 U	0.65 U	0.65 U	0.65 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			12 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			11 U	0.98 U	0.98 U	0.99 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			4.4 U	0.41 U	0.41 U	0.41 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			24 U	2.2 U	2.2 U	2.2 U
pH	ph units		8.5	7.98	8.09	7.9	7.88
Total Organic Carbon	mg/l			0.72 J	0.7 J	1	4.7

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-052C OS-MW-052C(12112020)-B4 2020-12-11 460-224915-16 WG N Y	OS-MW-053B OS-MW-053B(12112020)-B8 2020-12-11 460-224915-13 WG N Y	OS-MW-053C OS-MW-053C(12112020)-B8 2020-12-11 460-224915-12 WG N Y	OS-MW-054B OS-MW-054B(12082020)-B1 2020-12-08 460-224802-9 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.2 U	1.3 U	1.2 U
NMeFOSAA	ng/l			1.1 U	1.1 U	1.2 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.4 J	0.19 U	0.66 J
Perfluorobutanoic Acid	ng/l			2.2 U	6.7	2.3 U	9.1
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.31 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.29 U	0.3 U	0.28 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.51 U	0.53 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.28 J	86	0.24 U	140
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.52 U	0.56 J	0.55 U	0.58 J
Perfluorohexanoic acid (PFHxA)	ng/l			0.52 U	71	0.56 U	110
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	0.25 U	0.26 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.89 U	0.9 U	0.95 U	0.89 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.49 U	0.5 U	0.52 U	0.49 U
Perfluorooctanoic acid (PFOA)	ng/l	10		8.2	2400 J	5.7	2700
Perfluoropentanoic Acid (PFPeA)	ng/l			0.44 U	13	0.47 U	18
Perfluorotetradecanoic acid (PFTA)	ng/l			0.66 U	0.67 U	0.71 U	0.67 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.3 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1.1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	0.42 U	0.44 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	2.3 U	2.4 U	2.3 U
pH	ph units		8.5	8.25	8.26	7.99	8.28
Total Organic Carbon	mg/l			4.7	0.89 J	2	1.2 J

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-054C OS-MW-054C(12072020)-B2 2020-12-07 460-224737-4 WG N Y	OS-MW-055C OS-MW-055C(12082020)-B1 2020-12-08 460-224802-11 WG N Y	OS-MW-055D OS-MW-055D(12072020)-B2 2020-12-07 460-224737-5 WG N Y	OS-MW-056B OS-MW-056B(12082020)-B2 2020-12-08 460-224802-13 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.3 U	1.3 U	1.2 U	1.2 U
NMeFOSAA	ng/l			1.2 U	1.2 U	1.1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.35 J	0.6 J	0.28 J	2.7
Perfluorobutanoic Acid	ng/l			8.3	9.5	8.8	4.8
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	0.32 U	0.29 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.3 U	0.31 U	0.28 U	1.1 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.53 U	0.55 U	0.51 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.19 U	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			100	97	110	15
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.55 U	0.6 J	0.52 U	1.1 J
Perfluorohexanoic acid (PFHxA)	ng/l			88	92	94	9.1
Perfluorononanoic acid (PFNA)	ng/l			0.26 U	0.27 U	0.25 U	3.8
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.94 U	0.98 U	0.9 U	0.92 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.52 U	0.54 U	0.5 U	3.3
Perfluorooctanoic acid (PFOA)	ng/l	10		2800 J	1500	2100 J	1100
Perfluoropentanoic Acid (PFPeA)	ng/l			16	15	17	3.8
Perfluorotetradecanoic acid (PFTA)	ng/l			0.7 U	0.73 U	0.67 U	0.68 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.3 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1.1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.44 U	0.46 U	0.42 U	0.43 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.4 U	2.5 U	2.3 U	2.3 U
pH	ph units		8.5	8.06	8.34	8.08	8.27
Total Organic Carbon	mg/l			0.92 J	1.4 J	0.82 J	1.3

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 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-056C OS-MW-056C(12072020)-B1 2020-12-07 460-224737-6 WG N Y	OS-MW-057B OS-MW-057B(12082020)-B1 2020-12-08 460-224802-12 WG N Y	OS-MW-057C OS-MW-057C(12082020)-B2 2020-12-08 460-224802-10 WG N Y	OS-MW-058B OS-MW-058B(12082020)-B2 2020-12-08 460-224802-15 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.3 U	1.2 U	1.2 U	1.2 U
NMeFOSAA	ng/l			1.2 U	1.1 U	1.1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.19 J	3.3	0.25 J	3.3
Perfluorobutanoic Acid	ng/l			7.4	5.1	8.5	5.2
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	0.3 U	0.29 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.3 U	0.29 U	0.28 U	0.65 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.53 U	0.51 U	0.5 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.18 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			99	13	59	19
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.55 U	1.2 J	0.52 U	1.3 J
Perfluorohexanoic acid (PFHxA)	ng/l			80	8.5	94	13
Perfluorononanoic acid (PFNA)	ng/l			0.26 U	1.9	0.24 U	1.5 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.95 U	0.92 U	0.89 U	0.9 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.52 U	3 J	0.49 U	4.1
Perfluorooctanoic acid (PFOA)	ng/l	10		1500 J	640	480	730
Perfluoropentanoic Acid (PFPeA)	ng/l			14	3.4	17	4.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.7 U	0.68 U	0.66 U	0.67 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.44 U	0.43 U	0.42 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.4 U	2.3 U	2.3 U	2.3 U
pH	ph units		8.5	8.2	8.35	8.32	8.37
Total Organic Carbon	mg/l			1.1	1.4 J	0.92 J	1.2

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Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-058C OS-MW-058C(12082020)-B1 2020-12-08 460-224802-14 WG N Y	OS-MW-059B OS-MW-059B(12112020)-B9 2020-12-11 460-224915-9 WG N Y	OS-MW-059C OS-MW-059C(12112020)-B7 2020-12-11 460-224915-8 WG N Y	OS-MW-060B OS-MW-060B(12112020)-B4 2020-12-11 460-224915-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.3 U	1.2 U	1.2 U	1.2 U
NMeFOSAA	ng/l			1.2 U	1.1 U	1.1 U	1.1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.57 J	1 J	0.18 U	0.19 U
Perfluorobutanoic Acid	ng/l			8.2	3.2 J	2.2 U	2.2 U
Perfluorodecane Sulfonic Acid	ng/l			0.32 U	0.3 U	0.29 U	0.3 U
Perfluorodecanoic acid (PFDA)	ng/l			0.31 U	0.29 U	0.28 U	0.29 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.55 U	0.52 U	0.5 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.19 U	0.18 U	0.17 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			98	32	0.23 U	0.23 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.57 U	0.54 U	0.52 U	0.53 U
Perfluorohexanoic acid (PFHxA)	ng/l			80	27	0.53 U	0.54 U
Perfluorononanoic acid (PFNA)	ng/l			0.27 U	0.31 J	0.25 U	0.25 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.98 U	0.93 U	0.9 U	0.92 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.54 U	0.51 U	0.49 U	0.5 U
Perfluorooctanoic acid (PFOA)	ng/l	10		1600	1300 J	0.78 U	0.79 U
Perfluoropentanoic Acid (PFPeA)	ng/l			14	5.2	0.45 U	0.46 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.73 U	0.69 U	0.67 U	0.68 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.3 U	1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.46 U	0.44 U	0.42 U	0.43 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.5 U	2.4 U	5.4	2.3 U
pH	ph units		8.5	8.26	8.42	8.66	8.25
Total Organic Carbon	mg/l			1.2 J	1.1	1.1	0.89 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-061B OS-MW-061B(12102020)-B6 2020-12-10 460-224806-7 WG N Y	OS-MW-061B OS-MW-061B (02022021)-B10 2021-02-02 460-227614-12 WG N Y	OS-MW-061C OS-MW-061C(12102020)-B7 2020-12-10 460-224806-8 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.2 U	1.1 U
NMeFOSAA	ng/l			1.1 U	1.1 U	1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.18 U	0.17 U
Perfluorobutanoic Acid	ng/l			2.2 U	2.2 U	2.1 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.29 U	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.28 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.49 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.17 U	0.16 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.23 U	0.22 U	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.52 U	0.51 U	0.49 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.53 U	0.52 U	0.5 U
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	0.24 U	0.23 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.9 U	0.88 U	0.85 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	0.49 U	0.47 U
Perfluorooctanoic acid (PFOA)	ng/l	10		0.78 U	0.76 U	0.74 U
Perfluoropentanoic Acid (PFPeA)	ng/l			0.45 U	0.44 U	0.42 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.67 U	0.66 U	0.63 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	0.99 U	0.95 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	0.41 U	0.4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	2.2 U	2.2 U
pH	ph units		8.5	8.82	8.48	8.37
Total Organic Carbon	mg/l			0.69 J	1 U	1.2

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-061C OS-MW-061C (02012021)-B7 2021-02-01 460-227614-11 WG N Y	OS-MW-061D OS-MW-061D(12102020)-B6 2020-12-10 460-224806-6 WG N Y	OS-MW-061D OS-MW-061D (02012021)-B7 2021-02-01 460-227614-10 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	1.2 U	1.1 U
NMeFOSAA	ng/l			1.1 U	1.1 U	1 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	0.19 U	0.17 U
Perfluorobutanoic Acid	ng/l			2.2 U	2.2 U	2.1 U
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	0.3 U	0.28 U
Perfluorodecanoic acid (PFDA)	ng/l			0.28 U	0.29 U	0.27 U
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	0.52 U	0.48 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.17 U	0.18 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.23 U	0.23 U	0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.51 U	0.53 U	0.5 U
Perfluorohexanoic acid (PFHxA)	ng/l			0.52 U	0.54 U	0.51 U
Perfluorononanoic acid (PFNA)	ng/l			0.24 U	0.25 U	0.24 U
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.88 U	0.92 U	0.85 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.49 U	0.51 U	0.47 U
Perfluorooctanoic acid (PFOA)	ng/l	10		0.77 U	0.8 U	0.74 U
Perfluoropentanoic Acid (PFPeA)	ng/l			0.44 U	0.46 U	0.43 U
Perfluorotetradecanoic acid (PFTA)	ng/l			0.66 U	0.68 U	0.64 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.1 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			0.99 U	1 U	0.96 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.41 U	0.43 U	0.4 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	2.3 U	2.2 U
pH	ph units		8.5	8.39	8.1	8.1
Total Organic Carbon	mg/l			1	5	2.4

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-062C OS-MW-062C(12112020)-B9 2020-12-11 460-224915-11 WG N Y	OS-TMW-042B OS-TMW-042B(10232019)-B1 2019-10-23 480-161621-7 WG N Y	OS-TMW-043A OS-TMW-043A (10092019) 2019-10-09 480-160747-8 WG N Y	OS-TMW-043A OS-TMW-043A(12172019)-B6 2019-12-17 480-164415-11 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD				
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.2 U	1.8 U	1.8 U	1.8 U
NMeFOSAA	ng/l			1.1 U	2.9 U	2.9 U	3 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			4	2.3	5.3	6.4
Perfluorobutanoic Acid	ng/l			6.8	4.9	4	7.2
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.3 U	0.3 U	0.31 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	0.29 U	1.1 J	0.49 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.52 U	0.52 U	0.53 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.18 U	0.18 U	0.18 U
Perfluoroheptanoic acid (PFHpA)	ng/l			43	12	12	8.2
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1 J	0.87 U	1.2 U	0.95 U
Perfluorohexanoic acid (PFHxA)	ng/l			38	10	11	9.4
Perfluorononanoic acid (PFNA)	ng/l			1.3 J	0.52 J	3.1	1.8 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.91 U	0.76 U	0.58 J	0.85 J
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		1.6 J	3.3 J	21	8.8
Perfluorooctanoic acid (PFOA)	ng/l	10		1900 J	340	380 J	180
Perfluoropentanoic Acid (PFPeA)	ng/l			9.4	3.7	9.4	11
Perfluorotetradecanoic acid (PFTA)	ng/l			0.68 U	0.27 U	0.27 U	0.28 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U	1.3 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U	1.1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.43 U	1.9 U	1.9 U	1.9 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	1.9 U	1.9 U	1.9 U
pH	ph units		8.5	8.34	7.74	7.37	8.15
Total Organic Carbon	mg/l			1.4	0.58 J	3.2	1.4 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-043A OS-MW-043A(12082020)-B1 2020-12-08 460-224802-8 WG N Y	OS-TMW-043B OS-TMW-043B(10232019)-B1 2019-10-23 480-161621-8 WG N Y	OS-TMW-044 OS-TMW-044(8-10)(09262019) 2019-09-26 480-159941-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NEtFOSAA	ng/l			1.2 U	18 U	1.7 U
NMeFOSAA	ng/l			1.1 U	29 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			4.6	1.9 U	1.3 J
Perfluorobutanoic Acid	ng/l			5.8	7.4 J	3.6
Perfluorodecane Sulfonic Acid	ng/l			0.29 U	3 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.86 J	2.9 U	0.91 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.5 U	5.2 U	0.51 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.3 J	1.8 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			10	110	6.8
Perfluorohexanesulfonic acid (PFHxS)	ng/l			1.4 J	1.6 U	0.64 U
Perfluorohexanoic acid (PFHxA)	ng/l			16	88	5.2
Perfluorononanoic acid (PFNA)	ng/l			3.5	2.5 U	1.1 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.89 U	3.3 U	0.32 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		16	5.1 U	2.5
Perfluorooctanoic acid (PFOA)	ng/l	10		270	2900 J	170
Perfluoropentanoic Acid (PFPeA)	ng/l			22	14 J	4.9
Perfluorotetradecanoic acid (PFTA)	ng/l			0.66 U	2.7 U	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	12 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	10 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			0.42 U	19 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			2.3 U	19 U	1.8 U
pH	ph units		8.5	8.1	7.85	7.47
Total Organic Carbon	mg/l			3.4	1.7	0.97 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-044 OS-TMW-044(120-130)(09272019) 2019-09-27 480-159941-1 WG N Y	OS-TMW-045 DUP-GW(09302019) 2019-09-30 480-160170-2 WG FD Y	OS-TMW-045 OS-TMW-045(13-17)(09302019) 2019-09-30 480-160170-1 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.7 U	1.7 U
NMeFOSAA	ng/l			2.9 U	2.8 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.18 U	1.5 J	1.5 J
Perfluorobutanoic Acid	ng/l			1.3 J	3.5	3.5
Perfluorodecane Sulfonic Acid	ng/l			0.3 U	0.29 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.29 U	2.5	2.6
Perfluorododecanoic acid (PFDoA)	ng/l			0.51 U	0.5 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			1.3 J	7.1	6.4
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.28 U	0.65 U	0.71 U
Perfluorohexanoic acid (PFHxA)	ng/l			4.9	4.8	4.5
Perfluorononanoic acid (PFNA)	ng/l			0.25 U	1.6 J	1.8
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.32 U	0.36 U	0.61 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		0.5 U	6.6	6.5
Perfluorooctanoic acid (PFOA)	ng/l	10		17	200	200
Perfluoropentanoic Acid (PFPeA)	ng/l			1.8	4.2	4.5
Perfluorotetradecanoic acid (PFTA)	ng/l			0.36 U	0.26 U	0.26 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.8 U	1.8 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			1.8 U	1.8 U	1.8 U
pH	ph units		8.5	7.76	7.15	7.21
Total Organic Carbon	mg/l			1 U	1.1	1

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 11

Analytical Results for PFAS, pH and TOC from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-045 OS-TMW-045(102-107)(10012019) 2019-10-01 480-160464-1 WG N Y	OS-TMW-046 OS-TMW-046(20-25)(09252019) 2019-09-25 480-159900-1 WG N Y	OS-TMW-046 OS-TMW-046(30-35)(09252019) 2019-09-25 480-159900-2 WG N Y
Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD			
PFAS		PFAS	PFAS	PFAS	PFAS	PFAS
NetFOSAA	ng/l			1.8 U	1.7 U	1.7 U
NMeFOSAA	ng/l			3 U	2.8 U	2.8 U
Perfluorobutanesulfonic acid (PFBS)	ng/l			0.33 J	1.3 J	0.7 J
Perfluorobutanoic Acid	ng/l			0.33 U	3.1	2.1
Perfluorodecane Sulfonic Acid	ng/l			0.31 U	0.29 U	0.29 U
Perfluorodecanoic acid (PFDA)	ng/l			0.3 U	3.1 J	1.2 J
Perfluorododecanoic acid (PFDoA)	ng/l			0.53 U	0.5 U	0.5 U
Perfluoroheptane Sulfonate (PFHPS)	ng/l			0.18 U	0.17 U	0.17 U
Perfluoroheptanoic acid (PFHpA)	ng/l			0.29 J	19 J	4.9
Perfluorohexanesulfonic acid (PFHxS)	ng/l			0.27 U	0.89 J	0.83 J
Perfluorohexanoic acid (PFHxA)	ng/l			0.74 J	8.8 J	3.8 J
Perfluorononanoic acid (PFNA)	ng/l			0.26 U	4.4 J	1.5 J
Perfluorooctane Sulfonamide (FOSA)	ng/l			0.33 U	0.32 U	0.73 U
Perfluorooctanesulfonic acid (PFOS)	ng/l	10		2.1	3.4 J	2.7
Perfluorooctanoic acid (PFOA)	ng/l	10		0.87 J	2000 J	270
Perfluoropentanoic Acid (PFPeA)	ng/l			0.47 U	3.2	2.8
Perfluorotetradecanoic acid (PFTA)	ng/l			0.38 U	0.26 UJ	0.27 U
Perfluorotridecanoic Acid (PFTriA)	ng/l			1.2 U	1.2 U	1.2 U
Perfluoroundecanoic Acid (PFUnA)	ng/l			1.1 U	1 U	1 U
SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8:2)	ng/l			1.9 U	1.8 U	1.8 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6:2)	ng/l			47	1.8 U	1.8 U
pH	ph units		8.5	8.23	7.7	7.92
Total Organic Carbon	mg/l			1 U	0.92 J	0.79 J

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - micrograms per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

 Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 12

Analytical Results for PFAS, pH and TOC from Surface Water Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location ID:	OS-SW-015	OS-SW-016	OS-SW-017	OS-SW-018
				Sample Date:	10/19/2016	10/19/2016	10/20/2016	10/20/2016
				Sample Depth:	-	-	-	-
				Sample Type:	N	N	N	N
Constituent	Units	NYS PFAS GUIDANCE	NYSDEC TOGS111 SW STANDARD					
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 modified								
Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	4 U	4 U	4 U	4 U	
Perfluorodecanoic acid (PFDA)	ng/l	-	-	1 U	1 U	1 U	1 U	
Perfluorododecanoic acid (PFDoA)	ng/l	-	-	3 U	3 U	3 U	3 U	
Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	8 J	7 J	6	6	
Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	4 U	4 U	4 U	4 U	
Perfluorohexanoic acid (PFHxA)	ng/l	-	-	8	8	5	4	
Perfluorononanoic acid (PFNA)	ng/l	-	-	1 U	1 U	1 U	1 U	
Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	5 U	5 U	5 U	5 U	
Perfluorooctanoic acid (PFOA)	ng/l	10	-	350	250	210	220	
Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	3 U	3 U	3 U	3 U	
Perfluorotridecanoic Acid (PFTriA)	ng/l	-	-	2 U	2 U	2 U	2 U	
Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	2 U	2 U	2 U	2 U	
pH by Standard Method 9045D								
pH	pH units	-	6.5 - 8.5	9.6	9.2	8.1	8	
Total Organic Carbon by Lloyd Kahn Method								
Total Organic Carbon	mg/l	-	-	3.6	3.1	2.6	2.6	

Notes and Abbreviations

ng/L - nanograms per liter

mg/L - milligrams per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Shaded value indicates value equal to, or greater than, standard or guidance

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Exceedance of NYS SW Guidance or Standard

Table 13

Analytical Results for PFAS, pH and TOC from Sediment Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosic, New York



			Location ID:	OS-SED-017	OS-SED-018
			Sample Date:	10/20/2016	10/20/2016
			Sample Depth:	-	-
			Sample Type:	N	N
Constituent	Units	USEPA Screen Value			
Perfluorinated Alkyl Compounds (PFAS) by USEPA Method 537-1.1 modified					
Perfluorobutanesulfonic acid (PFBS)	µg/kg	-	0.58 U	0.55 U	
Perfluorodecanoic acid (PFDA)	µg/kg	-	0.23 U	0.22 U	
Perfluorododecanoic acid (PFDoA)	µg/kg	-	0.47 U	0.44 U	
Perfluoroheptanoic acid (PFHpA)	µg/kg	-	0.35 U	0.33 U	
Perfluorohexanesulfonic acid (PFHxS)	µg/kg	-	0.58 U	0.55 U	
Perfluorohexanoic acid (PFHxA)	µg/kg	-	0.23 U	0.22 U	
Perfluorononanoic acid (PFNA)	µg/kg	-	0.23 U	0.22 U	
Perfluorooctanesulfonic acid (PFOS)	µg/kg	1000	0.82 U	0.77 U	
Perfluorooctanoic acid (PFOA)	µg/kg	1000	0.89	0.66	
Perfluorotetradecanoic acid (PFTA)	µg/kg	-	0.35 U	0.33 U	
Perfluorotridecanoic Acid (PFTriA)	µg/kg	-	0.7 U	0.66 U	
Perfluoroundecanoic Acid (PFUnA)	µg/kg	-	0.35 U	0.33 U	
pH by Standard Method 9045D					
pH	pH units	-	7.82	7.86	
Total Organic Carbon by Lloyd Kahn Method					
Total Organic Carbon	mg/kg	-	4250	1670	

Notes and Abbreviations

µg/kg - microgram per kilogram

mg/kg - milligrams per kilogram

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Shaded value indicates value equal to, or greater than, standard or guidance

NY Part 375 = NYS Soil Cleanup Objective (SCO) in Title 6 of Official Compilation of New York Codes, Rules and Regulations (6 NYCRR) Subpart 375-6.8(a).

USEPA Screening Values for PFOA and PFOS Developed by USEPA based on the Health Advisory for PFOA and PFOS of 70 nanograms per liter

 Exceedance of USEPA Screening Value

Table 14
Analytical Results for PFAS, pH and TOC from Groundwater Samples (GW-SW)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



Location: Sample Type: Date: Sample ID: Laboratory Sample ID: Validate - Y/N					OS-MP-02 N 2020-09-28 OS-MP-02(09282020) 460-219474-3 Y	OS-MP-03 N 2020-09-28 OS-MP-03(09282020) 460-219474-1 Y	OS-MP-04 FD 2020-09-25 DUP(09252020) 460-219197-8 Y	OS-MP-04 N 2020-09-25 OS-MP-04(09252020) 460-219197-6 Y	OS-MP-05 N 2020-09-25 OS-MP-05(09252020) 460-219197-4 Y	OS-MP-06 N 2020-09-24 OS-MP-06(09242020) 460-219197-1 Y	OS-MP-07 N 2020-09-24 OS-MP-07 (09242020) 460-219094-5 Y	OS-MP-08 N 2020-09-23 OS-MP-08 (09232020) 460-219094-3 Y	OS-MP-09 N 2020-09-23 OS-MP-09 (09232020) 460-219094-1 Y	OS-MP-10 N 2020-09-29 OS-MP-10(09292020) 460-219489-1 Y
Type	Analyte	Unit	NYSDEC PFAS GUIDANCE	NYDEC TOGS111 GA STANDARD										
PFAS	NetFOSAA	ng/l	-	-	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U
	NMeFOSAA	ng/l	-	-	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	1.2 J	0.9 J	3.3	5.9	8.5	5.1	3.2	0.89 J	0.65 J	0.65 J
	Perfluorobutanoic Acid	ng/l	-	-	2.6 J	2.7 J	7.6	7.4	5.1	4.5	5.5	4.1 J	2.2 U	2.2 U
	Perfluorodecane Sulfonic Acid	ng/l	-	-	0.29 U	0.29 U	0.27 U	0.3 U	0.3 U	0.29 U	0.29 U	0.28 U	0.3 U	0.29 U
	Perfluorodecanoic acid (PFDA)	ng/l	-	-	0.31 J	0.29 J	0.27 U	0.29 U	0.29 U	0.28 U	0.28 U	0.27 U	0.29 U	0.28 U
	Perfluorododecanoic acid (PFDoA)	ng/l	-	-	0.49 U	0.5 U	0.47 U	0.51 U	0.52 U	0.5 U	0.5 U	0.49 U	0.52 U	0.5 U
	Perfluoroheptane Sulfonate (PFHPS)	ng/l	-	-	0.17 U	0.17 U	0.16 U	0.18 U	0.18 U	0.17 U	0.17 U	0.17 U	0.18 U	0.17 U
	Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	2	0.33 J	53	55	26	22	18	8.3	1.3 J	0.46 J
	Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	1.1 J	0.85 J	3.1	3.3	1.6 J	3.6	2.7	1.7 J	0.8 J	0.76 J
	Perfluorohexanoic acid (PFHxA)	ng/l	-	-	2.3 U	0.66 U	50	48	17	14	13	7.3	1.9 U	0.62 U
	Perfluorononanoic acid (PFNA)	ng/l	-	-	0.57 J	0.5 J	1.4 J	1.3 J	1.1 J	1.1 J	1.2 J	0.81 J	0.42 J	0.25 U
	Perfluorooctane Sulfonamide (FOSA)	ng/l	-	-	0.88 U	0.88 U	0.84 U	0.99 J	1.5 J	10	0.89 U	0.87 U	0.92 U	0.89 U
	Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	4.7	5	5.6	6.7	6.1	6.6	6.8	5.3	4.6	3.9
	Perfluorooctanoic acid (PFOA)	ng/l	10	-	63	16	1500 J	1400 J	730 J	680 J	570 J	270	19	7.2
	Perfluoropentanoic Acid (PFPeA)	ng/l	-	-	1.9	0.75 J	13	14	6.2	5.8	8.6	3.7	1.7 J	0.69 J
	Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	0.66 U	0.66 U	0.63 U	0.68 U	0.69 U	0.66 U	0.66 U	0.65 U	0.68 U	0.66 U
	Perfluorotridecanoic Acid (PFTrIA)	ng/l	-	-	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U	1.1 U	1.2 U	1.2 U
	Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	0.99 U	0.99 U	0.94 U	1 U	1 U	1 U	1 U	0.97 U	1 U	1 U
	SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (PFDS)	ng/l	-	-	0.41 U	0.41 U	0.39 U	0.43 U	0.44 U	0.42 U	0.42 U	0.41 U	0.43 U	0.42 U
	SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (PFOS)	ng/l	-	-	2.2 U	2.3 U	2.1 U	2.3 U	2.4 U	2.3 U	2.3 U	2.2 U	2.3 U	2.3 U
Total		ng/l	-	-	77.38	27.32	1637	1540.09	800.5	756.1	630.9	304.41	28.71	13.66
pH	pH by Standard Method 9040	ph units		8.5	8.29	8.16	8.07	8.02	8.18	8.26	8.33	8.41	8.24	7.74
TOC	Total Organic Carbon by Lloyd Kahn Method	mg/l			1.1	0.72 J	0.89 J	0.85 J	0.84 J	0.97 J	1.2	1.4	1.2	0.71 J

Notes and Abbreviations
ng/L - nanograms per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS PFAS Drinking Water Standard/Class GA Groundwater Guidance

Table 15
Analytical Results for PFAS, pH and TOC from Surface Water Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample Type: Date: Sample ID: Laboratory Sample ID: Validate - Y/N					OS-MP-02 N 2020-09-28 OS-MP-02SW(09282020) 460-219474-4 Y	OS-MP-03 N 2020-09-28 OS-MP-03SW(09282020) 460-219474-2 Y	OS-MP-04 N 2020-09-25 OS-MP-04SW(09252020) 460-219197-7 Y	OS-MP-05 N 2020-09-25 OS-MP-05SW(09252020) 460-219197-5 Y	OS-MP-06 N 2020-09-24 OS-MP-06SW(09242020) 460-219197-2 Y	OS-MP-07 N 2020-09-24 OS-MP-07SW (09242020) 460-219094-6 Y	OS-MP-08 N 2020-09-23 OS-MP-08SW (09232020) 460-219094-4 Y	OS-MP-09 N 2020-09-23 OS-MP-09SW (09232020) 460-219094-2 Y	OS-MP-10 N 2020-09-28 OS-MP-10SW(09282020) 460-219474-5 Y
Type	Analyte	Unit	NYSDEC SW GUIDANCE	NYSDEC SW STANDARD									
PFAS	NEtFOSAA	ng/l	-	-	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
	NMeFOSAA	ng/l	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U
	Perfluorobutanesulfonic acid (PFBS)	ng/l	-	-	0.95 J	0.98 J	0.91 J	1 J	0.93 J	0.91 J	0.93 J	0.94 J	0.96 J
	Perfluorobutanoic Acid	ng/l	-	-	2.2 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.2 U	2.3 U	2.2 U
	Perfluorodecane Sulfonic Acid	ng/l	-	-	0.29 U	0.29 U	0.28 U	0.28 U	0.28 U	0.29 U	0.29 U	0.3 U	0.29 U
	Perfluorodecanoic acid (PFDA)	ng/l	-	-	0.28 U	0.28 U	0.28 U	0.27 U	0.27 U	0.28 U	0.28 U	0.29 U	0.28 U
	Perfluorododecanoic acid (PFDoA)	ng/l	-	-	0.5 U	0.5 U	0.49 U	0.49 U	0.48 U	0.5 U	0.5 U	0.52 U	0.5 U
	Perfluoroheptane Sulfonate (PFHPS)	ng/l	-	-	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.17 U
	Perfluoroheptanoic acid (PFHpA)	ng/l	-	-	0.92 J	0.94 J	6.3	3	1.2 J	1.1 J	0.99 J	1.1 J	0.87 J
	Perfluorohexanesulfonic acid (PFHxS)	ng/l	-	-	0.98 J	1 J	1.1 J	0.97 J	1 J	0.83 J	0.96 J	1 J	0.97 J
	Perfluorohexanoic acid (PFHxA)	ng/l	-	-	1.6 J	1.7 J	6.5	3.4	1.8	1.8	1.8	1.7 J	1.5 J
	Perfluorononanoic acid (PFNA)	ng/l	-	-	0.26 J	0.28 J	0.25 J	0.24 U	0.26 J	0.24 U	0.24 U	0.25 U	0.26 J
	Perfluorooctane Sulfonamide (FOSA)	ng/l	-	-	0.89 U	0.91 J	1.9	0.86 U	0.86 U	0.88 U	0.89 U	0.92 U	0.89 U
	Perfluorooctanesulfonic acid (PFOS)	ng/l	10	-	(	3.5	2.7	3.3	3.2	3.4	3.1	3.1	4
	Perfluorooctanoic acid (PFOA)	ng/l	10	-	14	15	130	64	19	19	18	18	11
	Perfluoropentanoic Acid (PFPeA)	ng/l	-	-	1.5 J	1.5 J	2.3	1.7 J	1.5 J	1.5 J	1.5 J	1.5 J	1.6 J
	Perfluorotetradecanoic acid (PFTA)	ng/l	-	-	0.67 U	0.67 U	0.65 U	0.64 U	0.64 U	0.66 U	0.66 U	0.69 U	0.66 U
	Perfluorotridecanoic Acid (PFTrIA)	ng/l	-	-	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 U	1.2 U
	Perfluoroundecanoic Acid (PFUnA)	ng/l	-	-	1 U	1 U	0.98 U	0.97 U	0.96 U	0.99 U	0.99 U	1 U	0.99 U
	SODIUM 1H,1H,2H,2H-PERFLUORODECANE SULFONATE (8	ng/l	-	-	0.42 U	0.42 U	0.41 U	0.41 U	0.4 U	0.41 U	0.42 U	0.43 U	0.42 U
SODIUM 1H,1H,2H,2H-PERFLUOROOCTANE SULFONATE (6	ng/l	-	-	2.3 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U	2.4 U	2.3 U	
Totals		ug/l	-	-	23.71	25.81	151.96	77.37	28.89	28.54	27.28	27.34	21.16
pH	pH by Standard Method 9040	ph units	-	-	8.47	8.38	8.39	8.3	8.34	8.22	8.36	8.31	8.45
TOC	Total Organic Carbon by Lloyd Kahn Method	mg/l	-	-	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.5

Notes and Abbreviations
ng/L - nanograms per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS PFAS Drinking Water Standard/Surface Water Guidance

Table 16A
Analytical Results for VOCs from Soil Vapor Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location ID:		AA-WSW	SV-01	SV-01	SV-03	SV-06	SV-07	SV-08
Sample Start Date:		12/7/2016	12/7/2016	12/7/2016	12/7/2016	12/7/2016	12/7/2016	12/7/2016
Sample End Date:		12/8/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016	12/8/2016
Sample Type:		N	N	FD	N	N	N	N
Constituent	Units							
Volatile Organic Compounds (VOCs) by USEPA Method TO-15								
1,1,1,2-Tetrachloroethane	µg/m³	1.4 U	14 U	14 U	1.3 U	1.4 U	1.4 U	1.4 U
1,1,1-Trichloroethane	µg/m³	1.1 U	3700	3600	830	170	810	1.1 U
1,1,2,2-Tetrachloroethane	µg/m³	1.4 U	14 U	14 U	1.3 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane	µg/m³	1.1 U	11 U	11 U	1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	µg/m³	0.81 U	11 J	11 J	0.78 U	1.3 J	0.88 J	0.81 U
1,1-Dichloroethene	µg/m³	0.79 U	7.9 U	7.9 U	0.77 U	0.79 U	0.79 U	0.79 U
1,2,3-Trichloropropane	µg/m³	1.2 U	12 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2,4-Trimethylbenzene	µg/m³	0.98 U	9.8 U	9.8 U	0.95 U	0.98 U	0.98 U	0.98 U
1,2-Dibromoethane	µg/m³	1.5 U	15 U	15 U	1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	µg/m³	1.2 U	12 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	µg/m³	0.81 U	8.1 U	8.1 U	0.78 U	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	µg/m³	0.92 U	9.2 U	9.2 U	0.89 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene	µg/m³	0.98 U	9.8 U	9.8 U	0.95 U	0.98 U	0.98 U	0.98 U
1,3-Butadiene	µg/m³	0.88 U	8.8 U	8.8 U	0.88 U	0.88 U	0.88 U	0.88 U
1,3-Dichlorobenzene	µg/m³	1.2 U	12 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	µg/m³	1.2 U	12 U	12 U	1.2 U	1.2 U	1.2 U	1.2 U
2-Butanone	µg/m³	1.5 U	15 U	15 U	2.7 J	1.8 J	1.5 J	2.4 J
2-Hexanone	µg/m³	2.0 U	20 U	20 U	2.0 U	2.1 J	2.0 U	2.0 U
3-Chloropropene	µg/m³	0.63 U	6.3 U	6.3 U	0.63 U	0.63 U	0.63 U	0.63 U
4-Ethyltoluene	µg/m³	0.98 U	9.8 U	9.8 U	0.95 U	0.98 U	0.98 U	0.98 U
4-Methyl-2-pentanone	µg/m³	2.0 U	20 U	20 U	2.0 U	2.0 U	2.0 U	2.0 U
Acetone	µg/m³	7.7	12 U	12 U	13	6.7	9.1	10
Benzene	µg/m³	1.0 J	6.4 U	6.4 U	2.1 J	1.5 J	1.5 J	1.5 J
Bromobenzene	µg/m³	1.3 U	13 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromodichloromethane	µg/m³	1.3 U	13 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U
Bromoform	µg/m³	2.1 U	21 U	21 U	2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane	µg/m³	0.78 U	7.8 U	7.8 U	0.78 U	0.78 U	0.78 U	0.78 U
Carbon Disulfide	µg/m³	1.6 U	16 U	16 U	1.6 U	1.6 U	1.6 U	1.6 U
Carbon Tetrachloride	µg/m³	1.3 U	13 U	13 U	1.3 U	1.3 U	1.3 U	1.3 U
Chlorobenzene	µg/m³	0.92 U	9.2 U	9.2 U	0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	µg/m³	1.1 J	7.1 U	7.1 U	0.71 U	0.91 J	0.71 U	0.71 U
Chloroethane	µg/m³	0.53 U	5.3 U	5.3 U	0.53 U	0.53 U	0.53 U	0.53 U
Chloroform	µg/m³	0.98 U	29 J	31 J	15	0.98 U	0.98 U	0.98 U
Chloromethane	µg/m³	0.41 U	4.1 U	4.1 U	0.41 U	0.41 U	0.41 U	0.41 U
cis-1,2-Dichloroethene	µg/m³	0.79 U	7.9 U	7.9 U	0.77 U	0.79 U	0.79 U	0.79 U
cis-1,3-Dichloropropene	µg/m³	0.91 U	9.1 U	9.1 U	0.88 U	0.91 U	0.91 U	0.91 U
Cumene	µg/m³	0.98 U	9.8 U	9.8 U	0.98 U	0.98 U	0.98 U	0.98 U
Dibromochloromethane	µg/m³	1.7 U	17 U	17 U	1.7 U	1.7 U	1.7 U	1.7 U
Dibromomethane	µg/m³	1.4 U	14 U	14 U	1.4 U	1.4 U	1.4 U	1.4 U
Dichlorodifluoromethane	µg/m³	3.2 J	9.9 U	9.9 U	3.2 J	3.3 J	3.8 J	2.8 J
Dichlorofluoromethane	µg/m³	0.84 U	8.4 U	8.4 U	0.81 U	0.84 U	0.84 U	0.84 U
Ethylbenzene	µg/m³	0.87 U	8.7 U	8.7 U	0.84 U	2.0 J	0.87 U	0.87 U
Freon 113	µg/m³	3.8 U	38 U	38 U	3.7 U	3.8 U	3.8 U	3.8 U
Freon 114	µg/m³	1.4 U	14 U	14 U	1.4 U	1.4 U	1.4 U	1.4 U
Heptane	µg/m³	0.82 U	12 J	12 J	1.6 J	1.6 J	1.1 J	0.82 U
Hexachloroethane	µg/m³	1.9 U	19 U	19 U	1.9 U	1.9 U	1.9 U	1.9 U
Hexane	µg/m³	0.84 J	30 J	28 J	4.1	1.1 J	1.1 J	1.0 J
Isooctane	µg/m³	0.93 U	9.3 U	9.3 U	0.90 U	1.2 J	0.93 U	0.93 U
m/p-Xylene	µg/m³	1.0 J	8.7 U	8.7 U	1.1 J	4.7	1.2 J	1.3 J
Methyl t-Butyl Ether	µg/m³	0.72 U	7.2 U	7.2 U	0.70 U	0.72 U	0.72 U	0.72 U
Methylene Chloride	µg/m³	1.0 J	6.9 U	6.9 U	0.91 J	0.69 U	0.69 U	0.69 U
Octane	µg/m³	0.93 U	9.3 U	9.3 U	0.90 U	1.6 J	1.1 J	0.93 U
o-Xylene	µg/m³	0.87 U	8.7 U	8.7 U	0.84 U	2.6 J	0.87 U	0.87 U
Pentane	µg/m³	1.6 J	28 J	30	18	1.9 J	9.4	1.4 J
Styrene	µg/m³	0.85 U	8.5 U	8.5 U	0.82 U	0.85 U	0.85 U	0.85 U
Tetrachloroethene	µg/m³	1.4 U	14 U	14 U	1.3 U	1.4 U	1.4 U	1.4 U
Toluene	µg/m³	3.8	7.5 U	7.5 U	2. 3 J	3.2 J	2. 3 J	2.4 J
trans-1,2-Dichloroethene	µg/m³	0.79 U	7.9 U	7.9 U	0.77 U	0.79 U	0.79 U	0.79 U
trans-1,3-Dichloropropene	µg/m³	0.91 U	9.1 U	9.1 U	0.88 U	0.91 U	0.91 U	0.91 U
Trichloroethene	µg/m³	1.1 U	3500	3500	210	10	43	2.5 J
Trichlorofluoromethane	µg/m³	1.6 J	11 U	11 U	4.1 J	1.9 J	2.1 J	1.6 J
Vinyl Chloride	µg/m³	0.51 U	5.1 U	5.1 U	0.49 U	0.51 U	0.51 U	0.51 U

Notes and Abbreviations
µg/m3 - micrograms per cubic meter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
Bold value indicates detected value

Table 16B
IRM Performance Monitoring Vapor Sample Results
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location ID	JS-GWIRMVAP-01	JS-GWIRMVAP-02	JS-GWIRMVAP-03	JS-GWIRMVAP-03	JS-GWIRMOA-01	JS-GWIRMVAP-01	JS-GWIRMVAP-02	JS-GWIRMVAP-03	JS-GWIRMVAP-03	JS-GWIRMOA-01	JS-GWIRMVAP-01	JS-GWIRMVAP-02	JS-GWIRMVAP-03	JS-GWIRMOA-01	
Sample Date	10/25/2019 12:05:00 PM	10/25/2019 12:10:00 PM	10/25/2019 12:00:00 PM	10/25/2019 12:01:00 PM	10/25/2019 10:33:00 AM	6/24/2020 8:25:00 AM	6/24/2020 1:47:00 PM	6/24/2020 8:29:00 AM	6/24/2020 11:20:00 AM	6/24/2020 11:58:00 AM	2/4/2021 11:50:00 AM	2/3/2021 2:33:00 PM	2/3/2021 2:24:00 PM	2/3/2021 3:05:00 PM	
Validated - Y/N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
Sample Type	N	N	N	FD	N	N	N	N	FD	N	N	N	N	N	
Location Description	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	Outdoor Ambient Air	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	Outdoor Ambient Air	SOIL VAPOR	SOIL VAPOR	SOIL VAPOR	Outdoor Ambient Air	
Analyte	Units														
1,1,1-Trichloroethane (TCA)	µg/m ³	3000	980	2600	2600	0.23 J	6.4	21000	270000	420000	0.72	2.7 U	1200	140000	0.44 U
1,1,2,2-Tetrachloroethane	µg/m ³	49 U	6.9 U	14 U	11 U	0.55 U	0.55 U	190 U	2500 U	2800 U	0.55 U	3.3 U	14 U	3100 U	0.55 U
1,1,2-Trichloro-1,2,2-Trifluoroethan	µg/m ³	7.8 J	1.3 J	2.5 J	2.1 J	0.63	0.52 J	210 U	2800 U	3100 U	0.45 J	0.53 J	15 U	3400 U	0.51 J
1,1,2-Trichloroethane	µg/m ³	4.2 J	0.81 J	1.2 J	1.6 J	0.067 J	0.44 U	150 U	2000 U	2200 U	0.44 U	2.7 U	11 U	2400 U	0.44 U
1,1-Dichloroethane	µg/m ³	4.6 J	2 J	19	27	0.044 J	0.32 U	110 U	1500 U	1600 U	0.32 U	2 U	8.1 U	1800 U	0.32 U
1,1-Dichloroethene	µg/m ³	4 J	3.4	1.9 J	3.3	0.036 J	0.16 U	54 U	730 U	800 U	0.16 U	0.96 U	4 U	890 U	0.16 U
1,2,3-Trichloropropane	µg/m ³	110 U	15 U	30 U	24 U	1.2 U	1.2 U	410 U	5600 U	6100 U	1.2 U	7.3 U	30 U	6700 U	1.2 U
1,2-Dichlorobenzene	µg/m ³	43 U	6 U	12 U	9.6 U	0.48 U	0.48 U	160 U	2200 U	2400 U	0.48 U	2.9 U	12 U	2700 U	0.48 U
1,2-Dichloroethane	µg/m ³	29 U	2.6 J	1.3 J	1.4 J	0.098 J	0.053 J	110 U	1500 U	1600 U	0.043 J	0.87 J	8.1 U	1800 U	0.079 J
1,2-Dichloropropane	µg/m ³	33 U	4.6 U	9.2 U	7.4 U	0.074 J	0.37 U	130 U	1700 U	1900 U	0.37 U	2.2 U	9.2 U	2100 U	0.37 U
1,2-Dichlorotetrafluoroethane	µg/m ³	50 U	1.1 J	14 U	11 U	0.19 J	0.56 U	190 U	2600 U	2800 U	0.084 J	3.4 U	14 U	3100 U	0.56 U
1,3-Dichlorobenzene	µg/m ³	43 U	6 U	12 U	9.6 U	0.48 U	0.48 U	160 U	2200 U	2400 U	0.48 U	2.9 U	12 U	2700 U	0.48 U
1,4-Dichlorobenzene	µg/m ³	43 U	6 U	12 U	9.6 U	0.48 U	0.48 U	160 U	2200 U	2400 U	0.48 U	2.9 U	12 U	2700 U	0.48 U
Allyl Chloride (3-Chloropropene)	µg/m ³	22 U	3.1 U	6.3 U	5 U	0.25 U	0.25 U	86 U	1200 U	1300 U	0.25 U	1.5 U	6.3 U	1400 U	0.25 U
Bromodichloromethane	µg/m ³	48 U	6.7 U	13 U	11 U	0.54 U	0.54 U	180 U	2500 U	2700 U	0.54 U	3.3 U	13 U	3000 U	0.54 U
Carbon Disulfide	µg/m ³	10 J	20	8.6 J	9.3 J	0.087 J	2.1	210 U	2900 U	3100 U	3.9	15	1.8 J	400 J	0.62 U
Carbon Tetrachloride	µg/m ³	5.1 J	2.2 J	17	23	0.54	0.41	77 U	1000 U	1100 U	0.37	0.39 J	5.7 U	1300 U	0.47
Chlorobenzene	µg/m ³	33 U	0.57 J	0.84 J	0.86 J	0.055 J	0.37 U	130 U	1700 U	1900 U	0.37 U	2.2 U	0.73 J	2100 U	0.37 U
Chlorodifluoromethane	µg/m ³	25 U	3.5 U	7.1 U	1.9 J	1.4	1	97 U	1300 U	1400 U	1	0.9 J	7.1 U	1600 U	0.97
Chloroethane	µg/m ³	19 U	2.6 U	5.3 U	4.2 U	0.21 U	0.096 J	72 U	970 U	1100 U	0.21 U	1.3 U	5.3 U	1200 U	0.21 U
Chloroform	µg/m ³	12 J	2 J	8.4 J	11	0.16 J	0.16 J	130 U	1800 U	2000 U	0.11 J	0.21 J	0.86 J	2200 U	0.094 J
Chloromethane	µg/m ³	37 U	1.8 J	10 U	8.3 U	1.2	1.2	140 U	1900 U	2100 U	1	1.8 J	10 U	2300 U	1.4
Cis-1,2-Dichloroethylene	µg/m ³	14 U	0.85 J	2.8 J	3.4	0.044 J	0.16 U	54 U	730 U	800 U	0.16 U	0.96 U	4 U	890 U	0.16 U
Cis-1,3-Dichloropropene	µg/m ³	9.4 J	1.4 J	2.6 J	2.2 J	0.12 J	0.36 U	120 U	1700 U	1800 U	0.36 U	2.2 U	9.1 U	2000 U	0.36 U
Dibromochloromethane	µg/m ³	6.1 J	0.77 J	17 U	1.2 J	0.078 J	0.68 U	230 U	3100 U	3400 U	0.68 U	4.1 UJ	17 UJ	3800 UJ	0.68 UJ
Dichlorodifluoromethane	µg/m ³	6.6 J	4.3 J	4.5 J	4.6 J	2.9	1.1	140 U	1800 U	2000 U	0.94	1.1 J	2.4 J	2200 U	1.4
Methylene Chloride	µg/m ³	89 J	17 J	26 J	22 J	3.3 U	2.2 U	480 U	3000 J	3100 J	4.2 U	8.4 U	35 U	7800 U	1.4 U
Tetrachloroethylene (PCE)	µg/m ³	60	8.8	8.8 J	12	0.25 J	0.14 J	98 J	2500 U	2700 U	0.08 J	1 J	19	3000 U	0.54 U
Toluene	µg/m ³	41 U	40	11 U	13	3.6	0.55	150 U	2100 U	2300 U	0.63	26	11 U	2500 U	0.81
Trans-1,2-Dichloroethene	µg/m ³	4.8 J	0.72 J	2.7 J	2.7 J	0.031 J	0.32 U	110 U	1500 U	1600 U	0.32 U	1.9 U	7.9 U	1800 U	0.32 U
Trans-1,3-Dichloropropene	µg/m ³	33 U	4.5 U	9.1 U	0.88 J	0.045 J	0.36 U	120 U	1700 U	1800 U	0.36 U	2.2 U	9.1 U	2000 U	0.36 U
Trichloroethylene (TCE)	µg/m ³	4400	340	960	1500	1.1	1.4	3800	3300	4500	0.39	0.98 J	540	550 J	0.038 J
Trichlorofluoromethane	µg/m ³	5.9 J	1.5 J	5 J	5.5 J	1.4	1.2	150 U	2100 U	2300 U	1.1	1.3 J	11 U	2500 U	1.2
Vinyl Chloride	µg/m ³	9.2 U	1.3 U	2.6 U	2 U	0.1 U	0.1 U	35 U	470 U	520 U	0.1 UJ	0.62 U	2.6 U	570 U	0.1 U

Notes and Abbreviations
µg/m3 - micrograms per cubic meter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
Bold value indicates detected value



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001 JS-B-001(18-19)(08162016) 2016-08-16 8535861 SO N N	JS-B-001 JS-B-001(18-19)(08162016) 2016-08-16 8535861 SO N Y	JS-B-001 JS-B-001(18-20)(08162016) 2016-08-16 8535862 SO N N	JS-B-001 JS-B-001(18-20)(08162016) 2016-08-16 8535862 SO N Y	JS-B-001 JS-B-001(60-64)(08162016) 2016-08-16 8535863 SO N N	JS-B-001 JS-B-001(60-64)(08162016) 2016-08-16 8535863 SO N Y	JS-B-001 JS-B-001(76-76.5)_08/17/2016 2016-08-17 8536097 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	480	na	na	na	9700	na
1,1,2,2-Tetrachloroethane	ug/kg								na	65 U	na	na	na	110 U	na
1,1,2,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	130 U	na	na	na	210 U	na
1,1,2-Trichloroethane	ug/kg								na	65 U	na	na	na	110 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1400	na	na	na	1300	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	310 J	na	na	na	420 J	na
1,2,3-Trichlorobenzene	ug/kg								na	65 U	na	na	na	110 U	na
1,2,4-Trichlorobenzene	ug/kg								na	65 U	na	na	na	110 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	65 U	na	na	na	110 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	130 U	na	na	na	210 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	65 U	na	na	na	110 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	65 U	na	na	na	110 U	na
1,2-Dichloropropane	ug/kg								na	65 U	na	na	na	110 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	65 U	na	na	na	110 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	65 U	na	na	na	110 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	65 U	na	na	na	110 U	na
2-Hexanone	ug/kg								na	190 U	na	na	na	320 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	780 J	na	na	na	750 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	32 U	na	na	na	53 U	na
Bromochloromethane	ug/kg								na	65 U	na	na	na	110 U	na
Bromodichloromethane	ug/kg								na	65 U	na	na	na	110 U	na
Bromoform	ug/kg								na	65 U	na	na	na	110 U	na
Bromomethane	ug/kg								na	130 U	na	na	na	210 U	na
Carbon Disulfide	ug/kg								na	65 U	na	na	na	110 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	65 U	na	na	na	110 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	65 U	na	na	na	110 U	na
Chloroethane	ug/kg								na	130 U	na	na	na	210 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	65 U	na	na	na	110 U	na
Chloromethane	ug/kg								na	130 U	na	na	na	210 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	150 J	na	na	na	110 U	na
Cis-1,3-Dichloropropene	ug/kg								na	65 U	na	na	na	110 U	na
Cyclohexane	ug/kg								na	65 U	na	na	na	110 U	na
Cymene	ug/kg								na	65 U	na	na	na	110 U	na
Dibromochloromethane	ug/kg								na	65 U	na	na	na	110 U	na
Dichlorodifluoromethane	ug/kg								na	130 U	na	na	na	210 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	65 U	na	na	na	110 U	na
Isopropylbenzene (Cumene)	ug/kg								na	65 U	na	na	na	110 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	65 U	na	na	na	110 U	na
Methyl Acetate	ug/kg								na	130 U	na	na	na	210 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	260 U	na	na	na	430 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	190 U	na	na	na	320 U	na
Methylcyclohexane	ug/kg								na	65 U	na	na	na	110 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	130 U	na	na	na	210 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	65 U	na	na	na	110 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
Styrene	ug/kg								na	65 U	na	na	na	110 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	32 U	na	na	na	53 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	65 U	na	na	na	110 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	170 J	na	na	na	290 J	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	65 U	na	na	na	110 U	na
Trans-1,3-Dichloropropene	ug/kg								na	65 U	na	na	na	110 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	50000	na	na	na	46000	na
Trichlorofluoromethane	ug/kg								na	130 U	na	na	na	210 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	65 U	na	na	na	110 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	65 U	na	na	na	110 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001	JS-B-001BR	JS-B-001BR	JS-B-001BR	JS-B-001BR
									JS-B-001(76-76.5), 08/17/2016	JS-B-001BR(14.1-14.7)(05152018)	JS-B-001BR(14.1-14.7)(05152018)	JS-B-001BR(14.7-16.8)(05152018)	JS-B-001BR(14.7-16.8)(05152018)
									2016-08-17	2018-05-15	2018-05-15	2018-05-15	2018-05-15
									8536097	480-136017-1	R1804618-001	480-136017-2	R1804618-002
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	7.6	na	8.1	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	4220	na	2100	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001 JS-B-001(76-76.5)_08/17/2016 2016-08-17 8536097 SO N Y	JS-B-001BR JS-B-001BR(14.1-14.7)(05152018) 2018-05-15 480-136017-1 SO N Y	JS-B-001BR JS-B-001BR(14.1-14.7)(05152018) 2018-05-15 R1804618-001 SO N Y	JS-B-001BR JS-B-001BR(14.7-16.8)(05152018) 2018-05-15 480-136017-2 SO N Y	JS-B-001BR JS-B-001BR(14.7-16.8)(05152018) 2018-05-15 R1804618-002 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	68 U	na	6 UJ	na
1,1,2,2-Tetrachloroethane	ug/kg								na	68 UJ	na	6 UJ	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	68 U	na	6 U	na
1,1,2-Trichloroethane	ug/kg								na	68 U	na	6 UJ	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	37 J	na	4.1 J	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	30 J	na	6 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	68 U	na	6 UJ	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	68 UJ	na	6 UJ	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	68 U	na	6 UJ	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	68 U	na	6 UJ	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	68 U	na	6 UJ	na
1,2-Dichloropropane	ug/kg								na	68 U	na	6 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	68 U	na	6 UJ	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	68 U	na	6 UJ	na
2-Hexanone	ug/kg								na	340 U	na	30 UJ	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	340 U	na	30 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	68 U	na	6 UJ	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	68 U	na	6 UJ	na
Bromoform	ug/kg								na	68 U	na	6 UJ	na
Bromomethane	ug/kg								na	68 U	na	6 U	na
Carbon Disulfide	ug/kg								na	68 U	na	6 UJ	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	68 U	na	6 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	68 U	na	6 UJ	na
Chloroethane	ug/kg								na	68 U	na	6 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	68 U	na	6 UJ	na
Chloromethane	ug/kg								na	68 U	na	6 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	54 J	na	6 UJ	na
Cis-1,3-Dichloropropene	ug/kg								na	68 U	na	6 UJ	na
Cyclohexane	ug/kg								na	68 U	na	6 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	68 U	na	6 UJ	na
Dichlorodifluoromethane	ug/kg								na	68 U	na	6 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	68 U	na	6 UJ	na
Isopropylbenzene (Cumene)	ug/kg								na	68 U	na	6 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	340 U	na	30 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	340 U	na	30 UJ	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	340 U	na	30 UJ	na
Methylcyclohexane	ug/kg								na	68 U	na	6 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	68 U	na	6 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	68 U	na	6 UJ	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	68 U	na	6 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	40 J	na	6 UJ	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	68 U	na	6 UJ	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	68 U	na	6 UJ	na
Trans-1,3-Dichloropropene	ug/kg								na	68 U	na	6 UJ	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	1400	na	6 UJ	na
Trichlorofluoromethane	ug/kg								na	68 U	na	6 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	68 U	na	6 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	140 U	na	12 UJ	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001BR JS-B-001BR (42.5-43.6) (05212018) 2018-05-21 R1804685-001 SO N Y	JS-B-001BR JS-B-001BR (42.5-43.6)(05212018)-20180521 2018-05-21 480-136346-2 SO N Y	JS-B-002 JS-B-002(6-7)(08112016)_08/11/2016 2016-08-11 8525968 SO N N	JS-B-002 JS-B-002(6-7)(08112016)_08/11/2016 2016-08-11 8525968 SO N Y	JS-B-002 JS-B-002(6-8)(08112016)_08/11/2016 2016-08-11 8525969 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.2	na	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	1730	na	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	10.1	na	7.5
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		na	na	na	na	na
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	na	na	na	na	na
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		na	na	na	na	na
Benzo(G,H,I)Perylene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Benzo(K)Fluoranthene	ug/kg	800	1700	1000	3900	56000	110000		na	na	na	na	na
Benzyl Butyl Phthalate	ug/kg								na	na	na	na	na
Biphenyl (Diphenyl)	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-001BR JS-B-001BR (42.5-43.6) (05212018) 2018-05-21 R1804685-001 SO N Y	JS-B-001BR JS-B-001BR(42.5-43.6)(05212018)-20180521 2018-05-21 480-136346-2 SO N Y	JS-B-002 JS-B-002(6-7)(08112016)_08/11/2016 2016-08-11 8525968 SO N N	JS-B-002 JS-B-002(6-7)(08112016)_08/11/2016 2016-08-11 8525968 SO N Y	JS-B-002 JS-B-002(6-8)(08112016)_08/11/2016 2016-08-11 8525969 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	55 U	na	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	55 U	na	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	55 U	na	na	na
1,1,2-Trichloroethane	ug/kg								na	55 U	na	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	55 U	na	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	55 U	na	na	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	55 U	na	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	55 U	na	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	55 U	na	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	55 U	na	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	55 U	na	na	na
1,2-Dichloropropane	ug/kg								na	55 U	na	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	55 U	na	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	55 U	na	na	na
2-Hexanone	ug/kg								na	270 U	na	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	270 UJ	na	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	55 U	na	na	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	55 U	na	na	na
Bromoform	ug/kg								na	55 U	na	na	na
Bromomethane	ug/kg								na	55 U	na	na	na
Carbon Disulfide	ug/kg								na	55 U	na	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	55 U	na	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	55 U	na	na	na
Chloroethane	ug/kg								na	55 U	na	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	55 U	na	na	na
Chloromethane	ug/kg								na	55 U	na	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	55 U	na	na	na
Cis-1,3-Dichloropropene	ug/kg								na	55 U	na	na	na
Cyclohexane	ug/kg								na	55 U	na	na	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	55 U	na	na	na
Dichlorodifluoromethane	ug/kg								na	55 U	na	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	55 U	na	na	na
Isopropylbenzene (Cumene)	ug/kg								na	55 U	na	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	270 U	na	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	270 U	na	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	270 U	na	na	na
Methylcyclohexane	ug/kg								na	55 U	na	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	55 U	na	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	55 U	na	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	55 U	na	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	55 U	na	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	55 U	na	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	55 U	na	na	na
Trans-1,3-Dichloropropene	ug/kg								na	55 U	na	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	55 U	na	na	na
Trichlorofluoromethane	ug/kg								na	55 U	na	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	55 UJ	na	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	110 U	na	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-002 JS-B-002(6-9)(08112016)_08/11/2016 2016-08-11 8525969 SO N Y	JS-B-002 JS-B-002(9-10)(08112016)_08/11/2016 2016-08-11 8525970 SO N N	JS-B-002 JS-B-002(9-10)(08112016)_08/11/2016 2016-08-11 8525970 SO N Y	JS-B-002 JS-B-002(60-64)(08122016)_08/12/2016 2016-08-12 8525973 SO N N	JS-B-002 JS-B-002(60-64)(08122016)_08/12/2016 2016-08-12 8525973 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								2650	na	17000	na	32500
Magnesium	mg/kg								7250	na	12000	na	12700
Potassium	mg/kg								1310	na	2860	na	1520
Sodium	mg/kg								77.8 J	na	168 J	na	103 J
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								6.81	na	8.4	na	8.63
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								8770 J	na	535 J	na	198 J
Metals, Total													
Aluminum	mg/kg								12800	na	17700	na	10400
Antimony	mg/kg								2.11 J	na	1.56 J	na	1.18 J
Arsenic	mg/kg	13	16	16	16	16	16	13	8.72 J	na	8.29	na	5.19
Barium	mg/kg	350	820	350	400	400	10000	433	57.4	na	125	na	96.1
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	0.475 J	na	0.702 J	na	0.572 J
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	5.9	na	0.536 J	na	0.0412 U
Calcium	mg/kg								2650	na	17000	na	32500
Chromium, Total	mg/kg	30		36	180	1500	6800	41	486	na	21	na	11.9
Cobalt	mg/kg								10.1	na	13.7	na	7.62
Copper	mg/kg	50	1720	270	270	270	10000	50	308	na	27.3	na	23.2
Iron	mg/kg								46700	na	37300	na	25600
Lead	mg/kg	63	450	400	400	1000	3900	63	96.8	na	13.4	na	9.02
Magnesium	mg/kg								7250	na	12000	na	12700
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	523	na	743	na	518
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.121	na	0.0132 J	na	0.0112 U
Nickel	mg/kg	30	130	140	310	310	10000	30	28.1	na	27.8	na	17.8
Potassium	mg/kg								1310	na	2860	na	1520
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	10.1 J	na	0.853 U	na	0.757 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	0.699 U	na	1.81	na	0.352 J
Sodium	mg/kg								77.8 J	na	168 J	na	103 J
Thallium	mg/kg								3.82 U	na	3.39 J	na	1.77 J
Vanadium	mg/kg								19.9	na	21	na	12.7
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	177	na	82.9	na	56.6
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		0.19 U	na	0.23 U	na	0.2 U
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	20.1	na	10.6	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	0.0039 U	na	0.0045 U	na	0.02 U
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	0.005 U	na	0.0057 U	na	0.026 U
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	0.0086 U	na	0.0099 U	na	0.045 U
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	0.0036 U	na	0.0041 U	na	0.018 U
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	0.0036 U	na	0.0041 U	na	0.018 U
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	0.0036 U	na	0.0041 U	na	0.018 U
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	0.0053 U	na	0.0061 U	na	0.027 U
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	0.0036 U	na	0.0041 U	na	0.018 U
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	0.0036 U	na	0.0041 U	na	0.018 U
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	0.18 U	na	0.21 U	na	0.19 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	0.39 U	na	0.21 U	na	0.23 J
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.24 U	na	0.27 U	na	0.24 U
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	0.32 U	na	0.37 U	na	0.41 U
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.36 U	na	0.41 U	na	0.36 U
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	0.18 U	na	0.21 U	na	0.19 U
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	0.48 U	na	0.56 U	na	0.5 U
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	0.36 U	na	0.41 U	na	0.36 U
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		0.6 J	na	0.41 U	na	0.36 U
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	0.78 J	na	0.41 U	na	0.48 J
Endrin Aldehyde	ug/kg								0.36 U	na	0.41 U	na	0.36 U
Endrin Ketone	ug/kg								0.65 U	na	0.75 U	na	0.66 U
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	0.27 U	na	0.21 U	na	0.19 U
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	0.18 U	na	0.21 U	na	0.34 J
Heptachlor Epoxide	ug/kg								0.18 U	na	0.21 U	na	0.9 J
Methoxychlor	ug/kg								1.8 U	na	2.1 U	na	1.9 U
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	0.36 U	na	0.41 U	na	0.36 U
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	0.36 U	na	0.41 U	na	0.36 U
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	0.61 J	na	0.44 U	na	0.39 U

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-002 JS-B-002(6-8)(08112016)_08/11/2016 2016-08-11 8525969 SO N Y	JS-B-002 JS-B-002(9-10)(08112016)_08/11/2016 2016-08-11 8525970 SO N N	JS-B-002 JS-B-002(9-10)(08112016)_08/11/2016 2016-08-11 8525970 SO N Y	JS-B-002 JS-B-002(60-64)(08122016)_08/12/2016 2016-08-12 8525973 SO N N	JS-B-002 JS-B-002(60-64)(08122016)_08/12/2016 2016-08-12 8525973 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		3 J	na	1 U	na	2500
1,1,2,2-Tetrachloroethane	ug/kg								1 U	na	1 U	na	49 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								2 U	na	2 U	na	98 U
1,1,2-Trichloroethane	ug/kg								1 U	na	1 U	na	49 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1 U	na	5 J	na	56 J
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1 J	na	7	na	81 J
1,2,3-Trichlorobenzene	ug/kg								1 U	na	1 U	na	49 U
1,2,4-Trichlorobenzene	ug/kg								1 U	na	1 U	na	49 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		1 U	na	1 U	na	49 U
1,2-Dibromo-3-Chloropropane	ug/kg								2 U	na	2 U	na	98 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1 U	na	1 U	na	49 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1 U	na	1 U	na	49 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1 U	na	1 U	na	49 U
1,2-Dichloropropane	ug/kg								1 U	na	1 U	na	49 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		1 U	na	1 U	na	49 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1 U	na	1 U	na	49 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1 U	na	1 U	na	49 U
2-Hexanone	ug/kg								3 U	na	4 U	na	150 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	24	na	9 J	na	340 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.5 U	na	0.6 U	na	24 U
Bromochloromethane	ug/kg								1 U	na	1 U	na	49 U
Bromodichloromethane	ug/kg								1 U	na	1 U	na	49 U
Bromoform	ug/kg								1 U	na	1 U	na	49 U
Bromomethane	ug/kg								2 U	na	2 U	na	98 U
Carbon Disulfide	ug/kg								7	na	1 U	na	49 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1 U	na	1 U	na	49 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1 U	na	1 U	na	49 U
Chloroethane	ug/kg								2 U	na	2 U	na	98 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1 U	na	1 U	na	49 U
Chloromethane	ug/kg								2 U	na	2 U	na	98 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		13	na	180	na	49 U
Cis-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	49 U
Cyclohexane	ug/kg								1 U	na	1 U	na	49 U
Cymene	ug/kg								1 U	na	1 U	na	49 U
Dibromochloromethane	ug/kg								1 U	na	1 U	na	49 U
Dichlorodifluoromethane	ug/kg								2 U	na	2 U	na	98 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1 U	na	1 U	na	49 U
Isopropylbenzene (Cumene)	ug/kg								1 U	na	1 U	na	49 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	49 U
Methyl Acetate	ug/kg								2 U	na	2 U	na	98 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	4 U	na	5 U	na	200 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								3 U	na	4 U	na	150 U
Methylcyclohexane	ug/kg								1 U	na	1 U	na	49 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	2 U	na	2 U	na	98 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		1 U	na	1 U	na	49 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		1 U	na	1 U	na	49 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	49 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		1 U	na	1 U	na	49 U
Styrene	ug/kg								1 U	na	1 U	na	49 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		1 U	na	1 U	na	49 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		0.5 U	na	0.6 U	na	24 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	2 J	na	2 J	na	49 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	2 J	na	1 U	na	49 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		2 J	na	2 J	na	52 J
Trans-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	49 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	130	na	180 J	na	12000
Trichlorofluoromethane	ug/kg								2 U	na	2 U	na	98 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1 U	na	33	na	49 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	49 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-002 JS-B-002 (8-10) (07162018) 2018-07-16 480-139066-2 SO N Y	JS-B-002A JS-B-002A (7-9) (07162018) 2018-07-16 480-139066-1 SO N Y	JS-B-002B DUP(7-9)(07172018) 2018-07-17 480-139189-2 SO FD N	JS-B-002B DUP(7-9)(07172018) 2018-07-17 480-139189-2 SO FD Y	JS-B-002B JS-B-002B(7-9)(07172018) 2018-07-17 480-139189-1 SO N Y	JS-B-002C JS-B-002C(6-8)(07172018) 2018-07-17 480-139189-3 SO N Y	JS-B-002D JS-B-002D(6-8)(07172018) 2018-07-17 480-139189-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		41 J	4.5 U	na	na	34 J	80	270 U
1,1,2,2-Tetrachloroethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,1,2-Trichloroethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		72 UJ	0.59 J	na	na	81 U	49 U	270 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		72 UJ	2.6 J	na	na	25 J	38 J	85 J
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,2-Dichloropropane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		72 UJ	4.5 U	na	na	81 U	49 U	270 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	72 UJ	4.5 U	na	na	81 U	9.5 J	270 U
2-Hexanone	ug/kg								360 UJ	22 U	na	na	400 U	240 U	1400 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	360 UJ	46	na	na	400 U	240 U	1400 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	72 UJ	4.5 U	na	na	81 U	49 U	270 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Bromoform	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Bromomethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Carbon Disulfide	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		72 UJ	4.5 U	na	na	81 U	49 U	270 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	72 UJ	4.5 U	na	na	81 U	49 U	270 U
Chloroethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	72 UJ	4.5 U	na	na	81 U	49 U	270 U
Chloromethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		310 J	3.3 J	na	na	32 J	22 J	270 U
Cis-1,3-Dichloropropene	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Cyclohexane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Dichlorodifluoromethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		72 UJ	4.5 U	na	na	81 U	49 U	270 U
Isopropylbenzene (Cumene)	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								360 UJ	22 U	na	na	400 U	240 U	1400 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	360 UJ	8.1 J	na	na	400 U	240 U	1400 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								360 UJ	22 U	na	na	400 U	240 U	1400 U
Methylcyclohexane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	72 UJ	4.5 U	na	na	81 U	49 U	270 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		72 UJ	4.5 U	na	na	81 U	49 U	270 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	13 J	4.5 U	na	na	81 U	49 U	86 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	72 UJ	4.5 U	na	na	37 J	49 U	270 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		72 UJ	1.3 J	na	na	81 U	16 J	270 U
Trans-1,3-Dichloropropene	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1700 J	14	na	na	680	320	1500
Trichlorofluoromethane	ug/kg								72 UJ	4.5 U	na	na	81 U	49 U	270 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		72 UJ	1.1 J	na	na	81 U	49 U	270 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	140 UJ	9 U	na	na	160 U	97 U	540 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490140 SO N N	JS-B-003 JS-B-003(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490140 SO N Y	JS-B-003 JS-B-003(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490141 SO N N	JS-B-003 JS-B-003(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490141 SO N Y	JS-B-003 JS-B-003(15-17") (08/08/2016)_08/08/2016 2016-08-08 8515954 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	179000	na	132000	na
Magnesium	mg/kg								na	15700	na	15700	na
Potassium	mg/kg								na	921	na	1050	na
Sodium	mg/kg								na	61.3 J	na	69.8 J	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.35	na	8.33	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	20500	na	22100	na
Metals, Total													
Aluminum	mg/kg								na	5050	na	7430	na
Antimony	mg/kg								na	3.62 U	na	4.23 U	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	8.85	na	7.18	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	48.9	na	80.3	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.162 J	na	0.289 J	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.726 J	na	0.903	na
Calcium	mg/kg								na	179000	na	132000	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	22.6	na	35	na
Cobalt	mg/kg								na	4.23	na	6.85	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	83	na	189	na
Iron	mg/kg								na	13000	na	18200	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	83.6	na	441	na
Magnesium	mg/kg								na	15700	na	15700	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	391	na	320	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.162	na	0.357	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	13.4	na	313	na
Potassium	mg/kg								na	921	na	1050	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	0.743 U	na	0.758 U	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.124 U	na	0.382 J	na
Sodium	mg/kg								na	61.3 J	na	69.8 J	na
Thallium	mg/kg								na	1.59 U	na	0.691 U	na
Vanadium	mg/kg								na	10.9	na	18	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	150	na	221	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	0.18 U	na	0.48 J	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								3.8	na	5	na	29
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0037 U	na	0.0037 U	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0047 U	na	0.0048 U	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0083 U	na	0.0083 U	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0034 U	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0034 U	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0034 U	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.012 J	na	0.017 J	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0034 U	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0034 U	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	0.18 U	na	0.18 U	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	0.18 U	na	0.18 U	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.25 U	na	0.23 U	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	0.31 U	na	0.31 U	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.45 J	na	0.66 J	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	0.18 U	na	0.18 U	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	0.47 U	na	0.47 U	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	0.34 U	na	0.34 U	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	0.46 J	na	0.78 U	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	0.5 U	na	0.37 U	na
Endrin Aldehyde	ug/kg								na	0.46 J	na	0.42 U	na
Endrin Ketone	ug/kg								na	0.62 U	na	1.4 J	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	0.18 U	na	0.18 U	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	0.18 U	na	0.18 U	na
Heptachlor Epoxide	ug/kg								na	0.18 U	na	0.18 U	na
Methoxychlor	ug/kg								na	1.8 U	na	1.8 U	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	1 U	na	0.69 J	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	0.34 U	na	0.34 U	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	1.6 J	na	2 J	na
Toxaphene	ug/kg								na	15 U	na	15 U	na
trans-Chlordane	ug/kg								na				

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490140 SO N N	JS-B-003 JS-B-003(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490140 SO N Y	JS-B-003 JS-B-003(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490141 SO N N	JS-B-003 JS-B-003(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490141 SO N Y	JS-B-003 JS-B-003(15-17") (08/08/2016)_08/08/2016 2016-08-08 8515954 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 J	na	1 J	na
1,1,2,2-Tetrachloroethane	ug/kg								na	0.9 U	na	0.9 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U	na
1,1,2-Trichloroethane	ug/kg								na	0.9 U	na	0.9 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	0.9 U	na	0.9 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
1,2,3-Trichlorobenzene	ug/kg								na	0.9 U	na	0.9 U	na
1,2,4-Trichlorobenzene	ug/kg								na	0.9 U	na	0.9 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.9 U	na	0.9 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.9 U	na	0.9 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.9 U	na	0.9 U	na
1,2-Dichloropropane	ug/kg								na	0.9 U	na	0.9 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.9 U	na	0.9 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.9 U	na	0.9 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.9 U	na	0.9 U	na
2-Hexanone	ug/kg								na	3 U	na	3 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	27	na	19	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.4 U	na	0.4 U	na
Bromochloromethane	ug/kg								na	0.9 U	na	0.9 U	na
Bromodichloromethane	ug/kg								na	0.9 U	na	0.9 U	na
Bromoform	ug/kg								na	0.9 U	na	0.9 U	na
Bromomethane	ug/kg								na	2 U	na	2 U	na
Carbon Disulfide	ug/kg								na	0.9 U	na	0.9 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.9 U	na	0.9 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.9 U	na	0.9 U	na
Chloroethane	ug/kg								na	2 U	na	2 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.9 U	na	0.9 U	na
Chloromethane	ug/kg								na	2 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
Cis-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.9 U	na
Cyclohexane	ug/kg								na	0.9 U	na	0.9 U	na
Cymene	ug/kg								na	0.9 U	na	0.9 U	na
Dibromochloromethane	ug/kg								na	0.9 U	na	0.9 U	na
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.9 U	na	0.9 U	na
Isopropylbenzene (Cumene)	ug/kg								na	0.9 U	na	0.9 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U	na
Methyl Acetate	ug/kg								na	2 U	na	2 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	4 U	na	4 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	3 U	na
Methylcyclohexane	ug/kg								na	0.9 U	na	0.9 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
Styrene	ug/kg								na	0.9 U	na	0.9 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.4 U	na	0.4 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	2 J	na	3 J	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.9 U	na	0.9 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.9 U	na	0.9 U	na
Trans-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.9 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	22	na	50 J	na
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	0.9 U	na	0.9 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

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Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(15-17)(08082016)_08/08/2016 2016-08-08 8515954 SO N Y	JS-B-003 JS-B-003(9-11)(08082016)_08/08/2016 2016-08-08 8515953 SO N N	JS-B-003 JS-B-003(9-11)(08082016)_08/08/2016 2016-08-08 8515953 SO N Y	JS-B-003 JS-B-003(85-87)(08112016)_08/11/2016 2016-08-11 8525967 SO N N	JS-B-003 JS-B-003(85-87)(08112016)_08/11/2016 2016-08-11 8525967 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								12300	na	12900	na	37200
Magnesium	mg/kg								12100	na	12800	na	9400
Potassium	mg/kg								4000	na	3860	na	1560
Sodium	mg/kg								163 J	na	174 J	na	84.6 J
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8.44	na	8.7	na	8.66
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2150	na	1750	na	847
Metals, Total													
Aluminum	mg/kg								23100	na	22800	na	10300
Antimony	mg/kg								4.48 U	na	3.6 U	na	1.13 J
Arsenic	mg/kg	13	16	16	16	16	16	13	10.2	na	6.05 J	na	3.96
Barium	mg/kg	350	820	350	400	400	10000	433	225	na	180	na	45.7
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	1.1 J	na	1.36 J	na	0.53 J
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	0.0627 U	na	0.355 J	na	0.0404 U
Calcium	mg/kg								12300	na	12900	na	37200
Chromium, Total	mg/kg	30		36	180	1500	6800	41	25.3	na	24	na	13.7
Cobalt	mg/kg								17.8	na	16.3	na	7.25
Copper	mg/kg	50	1720	270	270	270	10000	50	37.9	na	36.1	na	25
Iron	mg/kg								42300	na	42500	na	25900
Lead	mg/kg	63	450	400	400	1000	3900	63	19.5	na	22.9	na	11.3
Magnesium	mg/kg								12100	na	12800	na	9400
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	858	na	827	na	589
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.0292 J	na	0.0282 J	na	0.018 J
Nickel	mg/kg	30	130	140	310	310	10000	30	36.5	na	38.6	na	16.9
Potassium	mg/kg								4000	na	3860	na	1560
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	6.61	na	4.63 U	na	0.741 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	0.711 J	na	0.771 U	na	0.39 J
Sodium	mg/kg								163 J	na	174 J	na	84.6 J
Thallium	mg/kg								3.08 J	na	4.22 U	na	2 J
Vanadium	mg/kg								26.5	na	28.7	na	11.8
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	107	na	119	na	64.1
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		0.37 J	na	0.24 U	na	0.19 U
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	28.5	na	7.3	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	0.005 U	na	0.005 U	na	0.0039 U
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	0.0064 U	na	0.0064 U	na	0.0049 U
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	0.011 U	na	0.011 U	na	0.0086 U
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	0.0046 U	na	0.0046 U	na	0.0035 U
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	0.0046 U	na	0.0046 U	na	0.0035 U
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	0.0046 U	na	0.0046 U	na	0.0035 U
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	0.0068 U	na	0.0068 U	na	0.0053 U
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	0.0046 U	na	0.0046 U	na	0.0035 U
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	0.0046 U	na	0.0046 U	na	0.0035 U
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	0.24 U	na	0.23 U	na	0.18 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	0.24 U	na	0.39 J	na	0.18 U
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.31 U	na	0.3 U	na	0.24 U
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	0.42 U	na	0.41 U	na	0.32 U
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.46 U	na	0.46 U	na	0.36 U
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	0.24 U	na	0.23 U	na	0.18 U
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	0.63 U	na	0.62 U	na	0.48 U
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	0.46 U	na	0.46 U	na	0.36 U
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		0.46 U	na	0.46 U	na	0.36 U
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	0.46 U	na	0.46 U	na	0.38 J
Endrin Aldehyde	ug/kg								0.46 U	na	0.46 U	na	0.36 U
Endrin Ketone	ug/kg								0.84 U	na	0.83 U	na	0.65 U
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	0.24 U	na	0.23 U	na	0.18 U
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	0.24 U	na	0.23 U	na	0.18 U
Heptachlor Epoxide	ug/kg								0.24 U	na	0.23 U	na	0.18 U
Methoxychlor	ug/kg								2.4 U	na	2.3 U	na	1.8 U
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	0.46 U	na	0.46 U	na	1.5 J
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	0.46 U	na	0.46 U	na	0.83 J
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	0.49 U	na	0.48 U	na	0.38 U
Toxaphene	ug/kg								20 U	na	19 U	na	15 U
trans-Chlordane	ug/kg								0.24 U	na	0.23 U	na	0.18 U
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								23 U	na	23 U	na	18 U
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	140 U	na	140 U	na	110 U
2,3,4,6-Tetrachlorophenol	ug/kg								93 U	na	92 U	na	71 U
2,4,5-Trichlorophenol	ug/kg								23 U	na	23 U	na	18 U
2,4,6-Trichlorophenol	ug/kg								23 U	na	23 U	na	18 U
2,4-Dichlorophenol	ug/kg								23 U	na	23 U	na	18 U
2,4-Dimethylphenol	ug/kg								23 U	na	23 U	na	18 U
2,4-Dinitrophenol	ug/kg								420 U	na	410 U	na	320 U
2,4-Dinitrotoluene	ug/kg								93 U	na	92 U	na	71 U
2,6-Dinitrotoluene	ug/kg								23 U	na	23 U	na	18 U
2-Chloronaphthalene	ug/kg								9 U	na	9 U	na	7 U
2-Chlorophenol	ug/kg								23 U	na	23 U	na	18 U
2-Methylnaphthalene	ug/kg								5 U	na	5 U	na	4 U
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		23 U	na	23 U	na	18 U
2-Nitroaniline	ug/kg								23 U	na	23 U	na	18 U
2-Nitrophenol	ug/kg								23 U	na	23 U	na	18 U
3,3'-Dichlorobenzidine	ug/kg								140 U	na	140 U	na	110 U
3-Nitroaniline	ug/kg								93 U	na	92 U	na	71 U
4,6-Dinitro-2-Methylphenol	ug/kg								230 U	na	230 U	na	180 U
4-Bromophenyl Phenyl Ether	ug/kg								23 U	na	23 U	na	18 U
4-Chloro-3-Methylphenol	ug/kg								23 U	na	23 U	na	18 U
4-Chloroaniline	ug/kg								47 U	na	46 U	na	35 U
4-Chlorophenyl Phenyl Ether	ug/kg								23 U	na	23 U	na	18 U
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		23 U	na	23 U	na	18 U
4-Nitroaniline	ug/kg								93 U	na	92 U	na	71 U
4-Nitrophenol	ug/kg								230 U	na	230 U	na	180 U
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	5 U	na	5 U	na	4 U
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		5 U	na	5 U	na	4 U
Acetophenone	ug/kg								23 U	na	23 U	na	18 U
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		5 U	na	5 U	na	4 U
Atrazine	ug/kg								47 U	na	46 U	na	35 U
Benzaldehyde	ug/kg								93 U	na	92 U	na	71 U
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		5 U	na	5 U	na	4 U
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	5 U	na	5 U	na	4 U
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		5 U	na	5 U	na	4 U
Benzo(G,H,I)Perylene													

Table 17
Analytical Results for Other Parameters from Soil Samples
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Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		510 U	na	1 U	na	na
1,1,2,2-Tetrachloroethane	ug/kg								510 U	na	1 U	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								1000 U	na	2 U	na	na
1,1,2-Trichloroethane	ug/kg								510 U	na	1 U	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		510 U	na	27	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		510 U	na	15	na	na
1,2,3-Trichlorobenzene	ug/kg								510 U	na	1 U	na	na
1,2,4-Trichlorobenzene	ug/kg								510 U	na	1 U	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		510 U	na	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								1000 U	na	2 U	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								510 U	na	1 U	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		510 U	na	1 U	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	510 U	na	1 U	na	na
1,2-Dichloropropane	ug/kg								510 U	na	1 U	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		510 U	na	1 U	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		510 U	na	1 U	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	510 U	na	1 U	na	na
2-Hexanone	ug/kg								1500 U	na	3 U	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	3600 U	na	8 U	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	260 U	na	0.5 U	na	na
Bromochloromethane	ug/kg								510 U	na	1 U	na	na
Bromodichloromethane	ug/kg								510 U	na	1 U	na	na
Bromoform	ug/kg								510 U	na	1 U	na	na
Bromomethane	ug/kg								1000 U	na	2 U	na	na
Carbon Disulfide	ug/kg								510 U	na	1 U	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		510 U	na	1 U	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	510 U	na	1 U	na	na
Chloroethane	ug/kg								1000 U	na	2 U	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	510 U	na	1 U	na	na
Chloromethane	ug/kg								1000 U	na	2 U	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		510 U	na	1 U	na	na
Cis-1,3-Dichloropropene	ug/kg								510 U	na	1 U	na	na
Cyclohexane	ug/kg								510 U	na	1 U	na	na
Cymene	ug/kg								510 U	na	1 U	na	na
Dibromochloromethane	ug/kg								510 U	na	1 U	na	na
Dichlorodifluoromethane	ug/kg								1000 U	na	2 U	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		510 U	na	1 U	na	na
Isopropylbenzene (Cumene)	ug/kg								510 U	na	1 U	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	510 U	na	1 U	na	na
Methyl Acetate	ug/kg								1000 U	na	2 U	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	2100 U	na	4 U	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								1500 U	na	3 U	na	na
Methylcyclohexane	ug/kg								510 U	na	1 U	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	1000 U	na	2 U	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		510 U	na	1 U	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		510 U	na	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	510 U	na	1 U	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		510 U	na	1 U	na	na
Styrene	ug/kg								510 U	na	1 U	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		510 U	na	1 U	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		260 U	na	0.5 U	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	510 U	na	1 U	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	510 U	na	1 U	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		510 U	na	1 U	na	na
Trans-1,3-Dichloropropene	ug/kg								510 U	na	1 U	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	420000	na	300	na	na
Trichlorofluoromethane	ug/kg								1000 U	na	2 U	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		510 U	na	1 U	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	510 U	na	1 U	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003 JS-B-003(86-87)(08112016)_08/11/2016 2016-08-11 8525971 SO N N	JS-B-003 JS-B-003(86-87)(08112016)_08/11/2016 2016-08-11 8525971 SO N Y	JS-B-003 JS-B-003BR(48-8-49-6)(05162018)-20180516 2018-05-16 480-136121-1 SO N Y	JS-B-003 JS-B-003(12"-36") (07182018) 2018-07-18 480-139189-15 SO N Y	JS-B-003A DUP(12"-36") (07172018) 2018-07-17 480-139189-7 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	12	72 UJ	390	2600 U
1,1,2,2-Tetrachloroethane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
1,1,2-Trichloroethane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	42	2500 J	180 U	2600 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	41	290 J	180 U	2600 U
1,2,3-Trichlorobenzene	ug/kg								na	0.9 U	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.9 U	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	72 UJ	180 U	2600 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.9 U	72 UJ	180 U	2600 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.9 U	72 UJ	180 U	2600 U
1,2-Dichloropropane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.9 U	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.9 U	72 UJ	180 U	2600 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.9 U	72 UJ	180 U	2600 U
2-Hexanone	ug/kg								na	3 U	360 UJ	910 U	13000 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	16 J	360 UJ	910 U	13000 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.4 U	72 UJ	180 U	2600 U
Bromochloromethane	ug/kg								na	0.9 U	na	na	na
Bromodichloromethane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Bromoform	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Bromomethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
Carbon Disulfide	ug/kg								na	1 J	72 UJ	180 U	2600 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.9 U	72 UJ	180 U	2600 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.9 U	72 UJ	180 U	2600 U
Chloroethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.9 U	72 UJ	180 U	2600 U
Chloromethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.9 U	72 UJ	180 U	2600 U
Cis-1,3-Dichloropropene	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Cyclohexane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Cymene	ug/kg								na	0.9 U	na	na	na
Dibromochloromethane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Dichlorodifluoromethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.9 U	72 UJ	180 U	2600 U
Isopropylbenzene (Cumene)	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	na	na
Methyl Acetate	ug/kg								na	2 U	360 UJ	910 U	13000 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	4 U	360 UJ	910 U	13000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	360 UJ	910 U	13000 U
Methylcyclohexane	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	72 UJ	180 U	2600 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.9 U	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.9 U	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.9 U	na	na	na
Styrene	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.9 U	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.4 U	72 UJ	180 U	2600 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	0.9 U	72 UJ	320	2600 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.9 U	72 UJ	180 U	2600 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.9 U	72 UJ	180 U	2600 U
Trans-1,3-Dichloropropene	ug/kg								na	0.9 U	72 UJ	180 U	2600 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	1500	440 J	130000	110000 J
Trichlorofluoromethane	ug/kg								na	2 U	72 UJ	180 U	2600 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	2 J	72 UJ	180 U	2600 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	140 UJ	370 U	5100 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003A JS-B-003A(12"-36")(07172018) 2018-07-17 480-139189-6 SO N Y	JS-B-003B JS-B-003B(12"-36")(07172018) 2018-07-17 480-139189-9 SO N Y	JS-B-003BR JS-B-003BR(8.2-8.5)(05152018) 2018-05-15 480-136017-3 SO N Y	JS-B-003BR JS-B-003BR(8.2-8.5)(05152018) 2018-05-15 R1804618-003 SO N Y	JS-B-003BR JS-B-003BR(8.5-9.5)(05152018) 2018-05-15 480-136017-4 SO N Y	JS-B-003BR JS-B-003BR(8.5-9.5)(05152018) 2018-05-15 R1804618-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		220 J	340	41 J	na	250 U	na
1,1,2,2-Tetrachloroethane	ug/kg								330 U	310 U	88 UJ	na	250 UJ	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								330 U	310 U	88 U	na	250 U	na
1,1,2-Trichloroethane	ug/kg								330 U	310 U	88 U	na	250 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		330 U	310 U	59 J	na	410	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		330 U	310 U	68 J	na	490	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								330 U	310 U	88 U	na	250 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								330 U	310 U	88 UJ	na	250 UJ	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								330 U	310 U	88 U	na	250 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		330 U	310 U	88 U	na	250 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	330 U	310 U	88 U	na	250 U	na
1,2-Dichloropropane	ug/kg								330 U	310 U	88 U	na	250 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		330 U	310 U	88 U	na	250 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	330 U	310 U	88 U	na	250 U	na
2-Hexanone	ug/kg								1700 U	1500 U	440 U	na	1200 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	1700 U	1500 U	440 U	na	1200 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	330 U	310 U	88 U	na	250 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Bromoform	ug/kg								330 U	310 U	88 U	na	250 U	na
Bromomethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Carbon Disulfide	ug/kg								330 U	310 U	88 U	na	250 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		330 U	310 U	88 U	na	250 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	330 U	310 U	88 U	na	250 U	na
Chloroethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	330 U	310 U	88 U	na	250 U	na
Chloromethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		330 U	310 U	27 J	na	100 J	na
Cis-1,3-Dichloropropene	ug/kg								330 U	310 U	88 U	na	250 U	na
Cyclohexane	ug/kg								330 U	310 U	88 U	na	250 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Dichlorodifluoromethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		330 U	310 U	88 U	na	250 U	na
Isopropylbenzene (Cumene)	ug/kg								330 U	310 U	88 U	na	250 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								1700 U	1500 U	440 U	na	1200 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	1700 U	1500 U	440 U	na	1200 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								1700 U	1500 U	440 U	na	1200 U	na
Methylcyclohexane	ug/kg								330 U	310 U	88 U	na	250 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	330 U	320 U	88 U	na	250 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								330 U	310 U	88 U	na	250 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		330 U	310 U	88 U	na	250 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	73 J	190 J	170	na	170 J	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	330 U	310 U	88 U	na	250 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		330 U	310 U	88 U	na	250 U	na
Trans-1,3-Dichloropropene	ug/kg								330 U	310 U	88 U	na	250 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	19000 J	14000	5500	na	15000	na
Trichlorofluoromethane	ug/kg								330 U	310 U	88 U	na	250 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		330 U	310 U	88 U	na	250 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	670 U	610 U	180 U	na	500 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-003BR JS-B-003BR(141-142)(05162018) 2018-05-16 R1804618-008 SO N Y	JS-B-003BR JS-B-003BR(141-142)(05162018)-20180516 2018-05-16 480-136208-1 SO N Y	JS-B-003BR JS-B-003BR(48-B-49-6)(05162018) 2018-05-16 R1804618-006 SO N Y	JS-B-003C JS-B-003C(12"-36")(07182018) 2018-07-18 480-139189-12 SO N Y	JS-B-003D JS-B-003D(12"-36")(07182018) 2018-07-18 480-139189-14 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 J	na	53 J	860
1,1,2,2-Tetrachloroethane	ug/kg								na	4 UJ	na	100 U	640 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	4 UJ	na	100 U	640 U
1,1,2-Trichloroethane	ug/kg								na	4 UJ	na	100 U	640 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	2.4 J	na	100 U	640 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1.3 J	na	100 U	640 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	4 UJ	na	100 U	640 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	4 UJ	na	100 U	640 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	4 UJ	na	100 U	640 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	4 UJ	na	100 U	640 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	4 UJ	na	100 U	640 U
1,2-Dichloropropane	ug/kg								na	4 UJ	na	100 U	640 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	4 UJ	na	100 U	640 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	4 UJ	na	100 U	640 U
2-Hexanone	ug/kg								na	20 UJ	na	510 U	3200 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	22 J	na	510 U	3200 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	4 UJ	na	100 U	640 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	4 UJ	na	100 U	640 U
Bromoform	ug/kg								na	4 UJ	na	100 U	640 U
Bromomethane	ug/kg								na	4 UJ	na	100 U	640 U
Carbon Disulfide	ug/kg								na	4 UJ	na	100 U	640 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	4 UJ	na	100 U	640 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	4 UJ	na	100 U	640 U
Chloroethane	ug/kg								na	4 UJ	na	100 U	640 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	4 UJ	na	100 U	640 U
Chloromethane	ug/kg								na	4 UJ	na	100 U	640 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	2.6 J	na	100 U	640 U
Cis-1,3-Dichloropropene	ug/kg								na	4 UJ	na	100 U	640 U
Cyclohexane	ug/kg								na	4 UJ	na	100 U	640 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	4 UJ	na	100 U	640 U
Dichlorodifluoromethane	ug/kg								na	4 UJ	na	100 U	640 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	4 UJ	na	100 U	640 U
Isopropylbenzene (Cumene)	ug/kg								na	4 UJ	na	100 U	640 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	20 UJ	na	510 U	3200 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	20 UJ	na	510 U	3200 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	20 UJ	na	510 U	3200 U
Methylcyclohexane	ug/kg								na	4 UJ	na	100 U	640 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	4 UJ	na	100 U	640 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	4 UJ	na	100 U	640 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	4 UJ	na	100 U	640 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	na	300	1400
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	4 UJ	na	100 U	640 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	4 UJ	na	100 U	640 U
Trans-1,3-Dichloropropene	ug/kg								na	4 UJ	na	100 U	640 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	3000 J	na	3100	46000
Trichlorofluoromethane	ug/kg								na	4 UJ	na	100 U	640 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	4 UJ	na	100 U	640 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	8 UJ	na	200 U	1300 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-004 JS-B-004(0"-2")_07/21/2016 2016-07-21 8490136 SO N N	JS-B-004 JS-B-004(0"-2")_07/21/2016 2016-07-21 8490136 SO N Y	JS-B-004 JS-B-004(2"-12")_07/21/2016 2016-07-21 8490137 SO N N	JS-B-004 JS-B-004(2"-12")_07/21/2016 2016-07-21 8490137 SO N Y	JS-B-004 JS-B-004(10-11)_08/17/2016 2016-08-17 8536099 SO N N	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	
Chloride (As Cl)	mg/kg								na	na	na	na	na	
Sulfate (As SO4)	mg/kg								na	na	na	na	na	
Cations														
Calcium	mg/kg								na	36700	na	12000	na	
Magnesium	mg/kg								na	10100	na	5530	na	
Potassium	mg/kg								na	1210	na	1110	na	
Sodium	mg/kg								na	56.4 J	na	52.9 J	na	
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	
Carbonate	mg/kg								na	na	na	na	na	
Chloride	mg/kg								na	na	na	na	na	
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	
Nitrogen, Nitrite	mg/l								na	na	na	na	na	
pH	ph units								na	8.13	na	7.64	na	
Sulfate	mg/kg								na	na	na	na	na	
Temperature	deg c								na	na	na	na	na	
Total Organic Carbon	mg/kg								na	15200	na	11700	na	
Metals, Total														
Aluminum	mg/kg								na	8260	na	8340	na	
Antimony	mg/kg								na	1.01 U	na	0.61 U	na	
Arsenic	mg/kg	13	16	16	16	16	16	13	na	6.94	na	5.45	na	
Barium	mg/kg	350	820	350	400	400	10000	433	na	56.9	na	60.1	na	
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.333 J	na	0.343 J	na	
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.423 J	na	0.298 J	na	
Calcium	mg/kg								na	36700	na	12000	na	
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	11.9	na	10.5	na	
Cobalt	mg/kg								na	6.71	na	6.89	na	
Copper	mg/kg	50	1720	270	270	270	10000	50	na	57.2	na	46.2	na	
Iron	mg/kg								na	20500	na	19400	na	
Lead	mg/kg	63	450	400	400	1000	3900	63	na	52.2	na	52.7	na	
Magnesium	mg/kg								na	10100	na	5530	na	
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	502	na	421	na	
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.0407 J	na	0.0782 J	na	
Nickel	mg/kg	30	130	140	310	310	10000	30	na	17.3	na	15.1	na	
Potassium	mg/kg								na	1210	na	1110	na	
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	0.833 U	na	0.647 U	na	
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.139 U	na	0.108 U	na	
Sodium	mg/kg								na	56.4 J	na	52.9 J	na	
Thallium	mg/kg								na	0.759 U	na	0.589 U	na	
Vanadium	mg/kg								na	18.2	na	14.1	na	
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	88.2	na	80.6	na	
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	0.19 U	na	0.19 U	na	
Flash Point	deg f								na	na	na	na	na	
Moisture, Percent	%								8.4	na	6.6	na	32.1	
Total Fixed Solids	%								na	na	na	na	na	
Total Volatile Solids	%								na	na	na	na	na	
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0039 U	na	0.0038 U	na	
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.005 U	na	0.0049 U	na	
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0086 U	na	0.0085 U	na	
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0036 U	na	0.0035 U	na	
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0036 U	na	0.0035 U	na	
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0036 U	na	0.0035 U	na	
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.011 J	na	0.0052 U	na	
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0036 U	na	0.0035 U	na	
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0036 U	na	0.0035 U	na	
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	0.18 U	na	1.4 U	na	
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	0.18 U	na	0.91 U	na	
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.24 U	na	1.2 U	na	
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	0.32 U	na	1.6 U	na	
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.36 U	na	2.5 U	na	
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	0.28 J	na	3.9 J	na	
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	0.49 U	na	2.4 U	na	
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	0.36 U	na	1.8 U	na	
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	1.2 J	na	22 U	na	
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	0.36 U	na	3.6 J	na	
Endrin Aldehyde	ug/kg								na	0.36 J	na	1.8 U	na	
Endrin Ketone	ug/kg								na	0.65 U	na	3.2 U	na	
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	0.18 U	na	0.91 U	na	
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	0.18 U	na	1.6 J	na	
Heptachlor Epoxide	ug/kg								na	0.18 U	na	1.2 J	na	
Methoxychlor	ug/kg								na	1.8 U	na	50 U	na	
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	0.41 J	na	11	na	
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	0.44 U	na	1.8 U	na	
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	1.8 J	na	5.2 U	na	
Toxaphene	ug/kg								na	15 U	na	75 U	na	
trans-Chlordane	ug/kg								na	0.18 U	na	0.91 U	na	
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	180 U	na	180 U	na	
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000</							

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-004 JS-B-004(0"-2")07212016_07/21/2016 8490136 SO N N	JS-B-004 JS-B-004(0"-2")07212016_07/21/2016 2016-07-21 8490136 SO N Y	JS-B-004 JS-B-004(2"-12")07212016_07/21/2016 2016-07-21 8490137 SO N N	JS-B-004 JS-B-004(2"-12")07212016_07/21/2016 2016-07-21 8490137 SO N Y	JS-B-004 JS-B-004(10-11)_08/17/2016 2016-08-17 8536099 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	0.9 U	na	0.8 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U	na
1,1,2-Trichloroethane	ug/kg								na	0.9 U	na	0.8 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	0.9 U	na	0.8 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
1,2,3-Trichlorobenzene	ug/kg								na	0.9 U	na	0.8 U	na
1,2,4-Trichlorobenzene	ug/kg								na	0.9 U	na	0.8 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.9 U	na	0.8 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.9 U	na	0.8 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.9 U	na	0.8 U	na
1,2-Dichloropropane	ug/kg								na	0.9 U	na	0.8 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.9 U	na	0.8 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.9 U	na	0.8 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.9 U	na	0.8 U	na
2-Hexanone	ug/kg								na	3 U	na	3 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	190	na	73	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.4 U	na	0.4 U	na
Bromochloromethane	ug/kg								na	0.9 U	na	0.8 U	na
Bromodichloromethane	ug/kg								na	0.9 U	na	0.8 U	na
Bromoform	ug/kg								na	0.9 U	na	0.8 U	na
Bromomethane	ug/kg								na	2 U	na	2 U	na
Carbon Disulfide	ug/kg								na	0.9 J	na	0.8 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.9 U	na	0.8 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.9 U	na	0.8 U	na
Chloroethane	ug/kg								na	2 U	na	2 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.9 U	na	0.8 U	na
Chloromethane	ug/kg								na	2 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
Cis-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.8 U	na
Cyclohexane	ug/kg								na	0.9 U	na	0.8 U	na
Cymene	ug/kg								na	2 J	na	0.8 U	na
Dibromochloromethane	ug/kg								na	0.9 U	na	0.8 U	na
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.9 U	na	0.8 U	na
Isopropylbenzene (Cumene)	ug/kg								na	0.9 U	na	0.8 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.8 U	na
Methyl Acetate	ug/kg								na	2 U	na	2 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	16	na	6 J	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	3 U	na
Methylcyclohexane	ug/kg								na	0.9 U	na	0.8 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.8 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.9 J	na	0.8 U	na
Styrene	ug/kg								na	0.9 U	na	0.8 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.4 U	na	0.4 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	0.9 U	na	0.8 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1 J	na	0.8 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.9 U	na	0.8 U	na
Trans-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.8 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	46 J	na	65	na
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	0.9 U	na	0.8 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.8 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-004 JS-B-004(10-11)_08/17/2016 2016-08-17 8536099 SO N Y	JS-B-004 JS-B-004(10-12)_08/17/2016 2016-08-17 8536100 SO N N	JS-B-004 JS-B-004(10-12)_08/17/2016 2016-08-17 8536100 SO N Y	JS-B-005 JS-B-005(0"-2")_07/21/2016 2016-07-21 8490138 SO N N	JS-B-005 JS-B-005(0"-2")_07/21/2016 2016-07-21 8490138 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	
Chloride (As Cl)	mg/kg								na	na	na	na	na	
Sulfate (As SO4)	mg/kg								na	na	na	na	na	
Cations														
Calcium	mg/kg								na	na	18000	na	54200	
Magnesium	mg/kg								na	na	15200	na	4750	
Potassium	mg/kg								na	na	5260	na	972	
Sodium	mg/kg								na	na	244	na	41.8 J	
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	
Carbonate	mg/kg								na	na	na	na	na	
Chloride	mg/kg								na	na	na	na	na	
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	
Nitrogen, Nitrite	mg/l								na	na	na	na	na	
pH	ph units								na	na	8.23	na	8.1	
Sulfate	mg/kg								na	na	na	na	na	
Temperature	deg c								na	na	na	na	na	
Total Organic Carbon	mg/kg								na	na	1130	na	20600	
Metals, Total														
Aluminum	mg/kg								na	na	26300	na	9560	
Antimony	mg/kg								na	na	2.31 J	na	2.35 U	
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	10.3 J	na	11.1	
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	204	na	116	
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	1.1 J	na	0.359 J	
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	0.241 J	na	0.849 J	
Calcium	mg/kg								na	na	18000	na	54200	
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	26.7	na	26.9	
Cobalt	mg/kg								na	na	16.6	na	8.68	
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	34.9	na	734	
Iron	mg/kg								na	na	45000	na	20700	
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	23.6	na	145	
Magnesium	mg/kg								na	na	15200	na	4750	
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	835	na	695	
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	0.0137 U	na	0.0978 J	
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	37.5	na	27.3	
Potassium	mg/kg								na	na	5260	na	972	
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	4.34 U	na	0.803 U	
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	0.723 U	na	0.428 J	
Sodium	mg/kg								na	na	244	na	41.8 J	
Thallium	mg/kg								na	na	3.95 U	na	0.732 U	
Vanadium	mg/kg								na	na	34.6	na	18.5	
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	114	na	479	
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	0.25 U	na	0.22 J	
Flash Point	deg f								na	na	na	na	na	
Moisture, Percent	%								na	28	na	4.2	na	
Total Fixed Solids	%								na	na	na	na	na	
Total Volatile Solids	%								na	na	na	na	na	
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.005 U	na	0.0037 U	
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0063 U	na	0.0048 U	
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.011 U	na	0.0083 U	
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.0034 U	
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.0034 U	
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.03	
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0068 U	na	0.016 J	
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.0034 U	
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.0034 U	
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	0.24 UJ	na	0.19 J	
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	0.24 UJ	na	0.18 U	
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	0.3 UJ	na	0.23 U	
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	0.41 UJ	na	0.31 U	
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	0.46 UJ	na	0.99 J	
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	0.24 UJ	na	0.2 U	
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	0.62 UJ	na	0.47 U	
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	0.46 UJ	na	0.34 U	
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	0.46 UJ	na	5.5 J	
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	0.46 UJ	na	0.37 J	
Endrin Aldehyde	ug/kg								na	na	0.46 UJ	na	0.34 U	
Endrin Ketone	ug/kg								na	na	0.83 UJ	na	0.62 U	
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	0.24 UJ	na	0.18 U	
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	0.24 UJ	na	0.18 U	
Heptachlor Epoxide	ug/kg								na	na	0.24 UJ	na	0.32 J	
Methoxychlor	ug/kg								na	na	2.4 UJ	na	1.8 U	
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	0.46 UJ	na	0.34 U	
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	0.46 UJ	na	0.9 J	
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	0.48 UJ	na	5	
Toxaphene	ug/kg								na	na	19 UJ	na	15 U	
trans-Chlordane	ug/kg								na	na	0.24 UJ	na	0.18 U	
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	23 UJ	na	170 U	
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	140 UJ	na	1000 U	
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	93 UJ	na	690 U	
2,4,5-Trichlorophenol	ug/kg								na	na	23 UJ	na	170 U	
2,4,6-Trichlorophenol	ug/kg								na	na	23 UJ	na	170 U	
2,4-Dichlorophenol	ug/kg								na	na	23 UJ	na	170 U	

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-004 JS-B-004(10-11)_08/17/2016 2016-08-17 8536099 SO N Y	JS-B-004 JS-B-004(10-12)_08/17/2016 2016-08-17 8536100 SO N N	JS-B-004 JS-B-004(10-12)_08/17/2016 2016-08-17 8536100 SO N Y	JS-B-005 JS-B-005(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490138 SO N N	JS-B-005 JS-B-005(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490138 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1 U	na	na	na	1 U
1,1,2,2-Tetrachloroethane	ug/kg								1 U	na	na	na	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3 U	na	na	na	2 U
1,1,2-Trichloroethane	ug/kg								1 U	na	na	na	1 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1 U	na	na	na	1 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1 U	na	na	na	1 U
1,2,3-Trichlorobenzene	ug/kg								1 U	na	na	na	1 U
1,2,4-Trichlorobenzene	ug/kg								1 U	na	na	na	1 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		1 U	na	na	na	1 U
1,2-Dibromo-3-Chloropropane	ug/kg								3 U	na	na	na	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1 U	na	na	na	1 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1 U	na	na	na	1 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1 U	na	na	na	1 U
1,2-Dichloropropane	ug/kg								1 U	na	na	na	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		1 U	na	na	na	1 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1 U	na	na	na	1 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1 U	na	na	na	1 U
2-Hexanone	ug/kg								4 U	na	na	na	3 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	13 U	na	na	na	540
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.7 U	na	na	na	1 J
Bromochloromethane	ug/kg								1 U	na	na	na	1 U
Bromodichloromethane	ug/kg								1 U	na	na	na	1 U
Bromoform	ug/kg								1 U	na	na	na	1 U
Bromomethane	ug/kg								3 U	na	na	na	2 U
Carbon Disulfide	ug/kg								1 U	na	na	na	1 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1 U	na	na	na	1 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1 U	na	na	na	1 U
Chloroethane	ug/kg								3 U	na	na	na	2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1 U	na	na	na	1 U
Chloromethane	ug/kg								3 U	na	na	na	2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1 U	na	na	na	1 U
Cis-1,3-Dichloropropene	ug/kg								1 U	na	na	na	1 U
Cyclohexane	ug/kg								1 U	na	na	na	1 U
Cymene	ug/kg								1 U	na	na	na	11
Dibromochloromethane	ug/kg								1 U	na	na	na	1 U
Dichlorodifluoromethane	ug/kg								3 U	na	na	na	2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1 U	na	na	na	7
Isopropylbenzene (Cumene)	ug/kg								1 U	na	na	na	1 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	na	na	1 U
Methyl Acetate	ug/kg								3 U	na	na	na	3 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	5 U	na	na	na	34
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								4 U	na	na	na	3 U
Methylcyclohexane	ug/kg								1 U	na	na	na	1 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3 U	na	na	na	2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		1 U	na	na	na	1 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		1 U	na	na	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	na	na	1 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		1 U	na	na	na	1 U
Styrene	ug/kg								1 U	na	na	na	1 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		1 U	na	na	na	1 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		0.7 U	na	na	na	0.5 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1 U	na	na	na	1 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1 U	na	na	na	2 J
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		1 U	na	na	na	1 U
Trans-1,3-Dichloropropene	ug/kg								1 U	na	na	na	1 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1 U	na	na	na	3 J
Trichlorofluoromethane	ug/kg								3 U	na	na	na	2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1 U	na	na	na	1 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	na	na	1 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005 JS-B-005(2"-12") (07/212016)_07/21/2016 2016-07-21 8490139 SO N N	JS-B-005 JS-B-005(2"-12") (07/212016)_07/21/2016 2016-07-21 8490139 SO N Y	JS-B-005 JS-B-005(11-12)(08232016) 2016-08-23 8545982 SO N N	JS-B-005 JS-B-005(11-12)(08232016) 2016-08-23 8545982 SO N Y	JS-B-005 DUP (12"-36") (07122018) 2018-07-13 480-138904-17 SO FD Y	JS-B-005 JS-B-005 (12"-36") (07132018) 2018-07-13 480-138904-12 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	13500	na	12500	na	na
Magnesium	mg/kg								na	6250	na	14100	na	na
Potassium	mg/kg								na	1210	na	5580 J	na	na
Sodium	mg/kg								na	50.7 J	na	219 J	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	8.27	na	8.27	na	7.8
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	17700	na	1710	na	5040
Metals, Total														
Aluminum	mg/kg								na	10900	na	28400	na	na
Antimony	mg/kg								na	0.598 U	na	2.44 J	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	6.64	na	12.7	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	78.1	na	230	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.432 J	na	1.21 J	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.444 J	na	0.0726 U	na	na
Calcium	mg/kg								na	13500	na	12500	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	14.7	na	30.1	na	na
Cobalt	mg/kg								na	7.91	na	19	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	82.3	na	40.6	28.8 J	33.6 J
Iron	mg/kg								na	23800	na	48200	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	111	na	25	na	na
Magnesium	mg/kg								na	6250	na	14100	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	504	na	975	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.071 J	na	0.0323 J	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	21.3	na	38.9	na	na
Potassium	mg/kg								na	1210	na	5580 J	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	0.769 U	na	1.33 U	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.128 U	na	2.53	na	na
Sodium	mg/kg								na	50.7 J	na	219 J	na	na
Thallium	mg/kg								na	0.701 U	na	4.73 J	na	na
Vanadium	mg/kg								na	17.4	na	34.7	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	126	na	116	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	0.18 U	na	0.26 U	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								4.1	na	33.8	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0037 U	na	0.0054 U	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0047 U	na	0.0069 U	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0082 U	na	0.012 U	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0049 U	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0049 U	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0074 J	na	0.0049 U	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.005 U	na	0.0073 U	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0049 U	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0034 U	na	0.0049 U	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	0.18 U	na	0.26 U	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	0.18 U	na	1 U	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.23 U	na	0.33 U	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	0.31 U	na	0.45 U	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.34 U	na	0.5 U	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	0.18 U	na	0.26 U	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	0.47 U	na	R	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	0.34 U	na	0.5 U	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	18 J	na	0.5 U	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	0.39 J	na	0.5 U	na	na
Endrin Aldehyde	ug/kg								na	0.34 U	na	0.5 U	na	na
Endrin Ketone	ug/kg								na	1.3 J	na	0.9 U	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	0.18 U	na	0.26 U	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	0.19 J	na	0.26 U	na	na
Heptachlor Epoxide	ug/kg								na	0.18 U	na	0.26 U	na	na
Methoxychlor	ug/kg								na	1.8 U	na	2.6 U	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	0.34 U	na	0.5 U	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900</									

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005 JS-B-005(2"-12") (07212016)_07/21/2016 2016-07-21 8490139 SO N N	JS-B-005 JS-B-005(2"-12") (07212016)_07/21/2016 2016-07-21 8490139 SO N Y	JS-B-005 JS-B-005(11-12) (08232016) 2016-08-23 8545982 SO N N	JS-B-005 JS-B-005(11-12) (08232016) 2016-08-23 8545982 SO N Y	JS-B-005 DUP (12"-36") (07122018) 2018-07-13 480-138904-17 SO FD Y	JS-B-005 JS-B-005 (12"-36") (07132018) 2018-07-13 480-138904-12 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 U	na	1 U	na	99 U
1,1,2,2-Tetrachloroethane	ug/kg								na	1 U	na	1 U	na	99 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U	na	99 U
1,1,2-Trichloroethane	ug/kg								na	1 U	na	1 U	na	99 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1 U	na	1 U	na	99 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1 U	na	1 U	na	99 U
1,2,3-Trichlorobenzene	ug/kg								na	1 U	na	1 U	na	na
1,2,4-Trichlorobenzene	ug/kg								na	1 U	na	1 U	na	99 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	1 U	na	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U	na	99 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	1 U	na	1 U	na	99 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	1 U	na	1 U	na	99 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	1 U	na	1 U	na	99 U
1,2-Dichloropropane	ug/kg								na	1 U	na	1 U	na	99 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	1 U	na	1 U	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	1 U	na	1 U	na	99 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	1 U	na	1 U	na	99 U
2-Hexanone	ug/kg								na	3 U	na	3 U	na	500 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	200	na	12 J	na	500 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.7 J	na	0.5 U	na	99 U
Bromochloromethane	ug/kg								na	1 U	na	1 U	na	na
Bromodichloromethane	ug/kg								na	1 U	na	1 U	na	99 U
Bromoform	ug/kg								na	1 U	na	1 U	na	99 U
Bromomethane	ug/kg								na	2 U	na	2 U	na	99 U
Carbon Disulfide	ug/kg								na	1 J	na	1 U	na	99 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	1 U	na	1 U	na	99 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	1 U	na	1 U	na	99 U
Chloroethane	ug/kg								na	2 U	na	2 U	na	99 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	1 U	na	1 U	na	99 U
Chloromethane	ug/kg								na	2 U	na	2 U	na	99 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	1 U	na	1 U	na	99 U
Cis-1,3-Dichloropropene	ug/kg								na	1 U	na	1 U	na	99 U
Cyclohexane	ug/kg								na	1 U	na	1 U	na	99 U
Cymene	ug/kg								na	5	na	1 U	na	na
Dibromochloromethane	ug/kg								na	1 U	na	1 U	na	99 U
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U	na	99 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	4 J	na	1 U	na	99 U
Isopropylbenzene (Cumene)	ug/kg								na	1 U	na	1 U	na	99 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	na
Methyl Acetate	ug/kg								na	2 U	na	2 U	na	500 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	14	na	4 U	na	500 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	3 U	na	500 U
Methylcyclohexane	ug/kg								na	1 U	na	1 U	na	99 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U	na	99 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	1 U	na	1 U	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	1 U	na	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	1 U	na	1 U	na	na
Styrene	ug/kg								na	1 U	na	1 U	na	99 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	1 U	na	1 U	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.5 U	na	0.5 U	na	99 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	1 U	na	1 U	na	99 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1 J	na	1 U	na	99 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1 U	na	1 U	na	99 U
Trans-1,3-Dichloropropene	ug/kg								na	1 U	na	1 U	na	99 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	20 J	na	1 U	na	5300
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U	na	99 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	1 U	na	1 U	na	99 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	200 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005A	JS-B-005B	JS-B-005C	JS-B-005D	JS-B-006	JS-B-006
									(12"-36") (07132018)	(12"-36") (07132018)	(12"-36") (07132018)	(12"-36") (07132018)	(18-19)(11292016)	(18-19)(11292016)
									2018-07-13	2018-07-13	2018-07-13	2018-07-13	2016-11-29	2016-11-29
									480-138904-3	480-138904-6	480-138904-9	480-138904-13	8719700	8719700
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	N	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8	7.8	8.1	7.9	na	6.65
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								6380	4920	5560	13600	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	31.9 J	39 J	49.5 J	195 J	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	26.4	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	1						

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-005A JS-B-005A (12"-36") (07132018) 2018-07-13 480-138904-3 SO N Y	JS-B-005B JS-B-005B (12"-36") (07132018) 2018-07-13 480-138904-6 SO N Y	JS-B-005C JS-B-005C (12"-36") (07132018) 2018-07-13 480-138904-9 SO N Y	JS-B-005D JS-B-005D (12"-36") (07132018) 2018-07-13 480-138904-13 SO N Y	JS-B-006 JS-B-006(18-19)(11292016) 2016-11-29 8719700 SO N N	JS-B-006 JS-B-006(18-19)(11292016) 2016-11-29 8719700 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	88000
1,1,2,2-Tetrachloroethane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
1,1,2-Trichloroethane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		4.8 U	56 U	67 U	110 U	na	1400
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	2500
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	120 U
1,2,4-Trichlorobenzene	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	2100
1,2-Dibromo-3-Chloropropane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	120 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	4.8 U	56 U	67 U	110 U	na	120 U
1,2-Dichloropropane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	510 J
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		4.8 U	56 U	67 U	110 U	na	120 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	4.8 U	56 U	67 U	110 U	na	120 U
2-Hexanone	ug/kg								24 U	280 U	340 U	530 U	na	370 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	35 U	280 U	340 U	530 U	na	870 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	4.8 U	56 U	67 U	110 U	na	62 U
Bromochloromethane	ug/kg								na	na	na	na	na	120 U
Bromodichloromethane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Bromoform	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Bromomethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
Carbon Disulfide	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		4.8 U	56 U	67 U	110 U	na	120 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	4.8 U	56 U	67 U	110 U	na	120 U
Chloroethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	4.8 U	56 U	67 U	110 U	na	120 U
Chloromethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	120 U
Cis-1,3-Dichloropropene	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Cyclohexane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Cymene	ug/kg								na	na	na	na	na	160 J
Dibromochloromethane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Dichlorodifluoromethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		4.8 U	56 U	67 U	110 U	na	120 U
Isopropylbenzene (Cumene)	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	120 U
Methyl Acetate	ug/kg								24 U	280 U	96 J	98 J	na	250 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	24 U	280 U	340 U	530 U	na	500 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								24 U	280 U	340 U	530 U	na	370 U
Methylcyclohexane	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	4.8 U	56 U	67 U	22 J	na	250 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	960
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	120 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	120 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	150 J
Styrene	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	120 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	62 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	4.8 U	56 U	67 U	110 U	na	120 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	4.8 U	56 U	67 U	110 U	na	740
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		4.8 U	56 U	67 U	110 U	na	120 U
Trans-1,3-Dichloropropene	ug/kg								4.8 U	56 U	67 U	110 U	na	120 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.6	200	3500	1400	na	54000
Trichlorofluoromethane	ug/kg								4.8 U	56 U	67 U	110 U	na	250 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		4.8 U	56 U	67 U	110 U	na	120 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	9.5 U	110 U	130 U	210 U	na	120 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-007 JS-B-007(17-18)(11302016) 2016-11-30 8722531 SO N N	JS-B-007 JS-B-007(17-18)(11302016) 2016-11-30 8722531 SO N Y	JS-B-007 JS-B-007(6-7)(11302016) 2016-11-30 8722530 SO N N	JS-B-007 JS-B-007(6-7)(11302016) 2016-11-30 8722530 SO N Y	JS-B-008 DUP-001(12012016) 2016-12-01 8725388 SO FD N	JS-B-008 DUP-001(12012016) 2016-12-01 8725388 SO FD Y	JS-B-008 JS-B-008(18-19)(12012016) 2016-12-01 8725387 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	7.99	na	7.5	na	8.23	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								30.3	na	19.9	na	6.4	na	29
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na	na
SVOCs															

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-007 JS-B-007(17-18)(11302016) 2016-11-30 8722531 SO N N	JS-B-007 JS-B-007(17-18)(11302016) 2016-11-30 8722531 SO N Y	JS-B-007 JS-B-007(6-7)(11302016) 2016-11-30 8722530 SO N N	JS-B-007 JS-B-007(6-7)(11302016) 2016-11-30 8722530 SO N Y	JS-B-008 DUP-001(12012016) 2016-12-01 8725388 SO FD N	JS-B-008 DUP-001(12012016) 2016-12-01 8725388 SO FD Y	JS-B-008 JS-B-008(18-19)(12012016) 2016-12-01 8725387 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	2 U	na	700	na	60	na
1,1,2,2-Tetrachloroethane	ug/kg								na	2 U	na	46 U	na	1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	3 U	na	92 U	na	2 U	na
1,1,2-Trichloroethane	ug/kg								na	2 U	na	46 U	na	1 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	2 J	na	46 U	na	4 J	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 J	na
1,2,3-Trichlorobenzene	ug/kg								na	2 U	na	46 U	na	1 U	na
1,2,4-Trichlorobenzene	ug/kg								na	2 U	na	46 U	na	1 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	2 U	na	46 U	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	3 U	na	92 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	2 U	na	46 U	na	1 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	2 U	na	46 U	na	1 U	na
1,2-Dichloropropane	ug/kg								na	2 U	na	46 U	na	1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	2 U	na	46 U	na	1 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	2 U	na	46 U	na	1 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	2 U	na	46 U	na	1 U	na
2-Hexanone	ug/kg								na	5 U	na	140 U	na	3 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	17 J	na	320 U	na	18 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.8 U	na	23 U	na	0.5 U	na
Bromochloromethane	ug/kg								na	2 U	na	46 U	na	1 U	na
Bromodichloromethane	ug/kg								na	2 U	na	46 U	na	1 U	na
Bromoform	ug/kg								na	2 U	na	46 U	na	1 U	na
Bromomethane	ug/kg								na	3 U	na	92 U	na	2 U	na
Carbon Disulfide	ug/kg								na	2 U	na	46 U	na	1 J	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	2 U	na	46 U	na	1 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	2 U	na	46 U	na	1 U	na
Chloroethane	ug/kg								na	3 U	na	92 U	na	2 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	2 U	na	46 U	na	1 U	na
Chloromethane	ug/kg								na	3 U	na	92 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	2 U	na	46 U	na	19	na
Cis-1,3-Dichloropropene	ug/kg								na	2 U	na	46 U	na	1 U	na
Cyclohexane	ug/kg								na	2 U	na	46 U	na	1 U	na
Cymene	ug/kg								na	2 U	na	46 U	na	1 U	na
Dibromochloromethane	ug/kg								na	2 U	na	46 U	na	1 U	na
Dichlorodifluoromethane	ug/kg								na	3 U	na	92 U	na	2 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	2 U	na	46 U	na	1 U	na
Isopropylbenzene (Cumene)	ug/kg								na	2 U	na	46 U	na	1 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	2 U	na	46 U	na	1 U	na
Methyl Acetate	ug/kg								na	3 U	na	92 U	na	2 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	7 U	na	180 U	na	4 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	5 U	na	140 U	na	3 U	na
Methylcyclohexane	ug/kg								na	2 U	na	46 U	na	1 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	3 U	na	92 U	na	2 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	2 U	na	46 U	na	1 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 U	na
Styrene	ug/kg								na	2 U	na	46 U	na	1 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	2 U	na	46 U	na	1 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.8 U	na	23 U	na	0.5 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	2 U	na	46 U	na	2 J	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	2 U	na	46 U	na	1 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	2 U	na	46 U	na	2 J	na
Trans-1,3-Dichloropropene	ug/kg								na	2 U	na	46 U	na	1 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	2 U	na	4500	na	3400	na
Trichlorofluoromethane	ug/kg								na	3 U	na	92 U	na	2 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	2 U	na	46 U	na	1 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	2 U	na	46 U	na	1 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-008	JS-B-008	JS-B-008	JS-B-009	JS-B-009	JS-B-010	JS-B-010
									JS-B-008(18-19)(12012016)	JS-B-008(5-7)(12012016)	JS-B-008(5-7)(12012016)	JS-B-009(11-12)(11302016)	JS-B-009(11-12)(11302016)	JS-B-010(15-17)(11292016)	JS-B-010(15-17)(11292016)
									2016-12-01	2016-12-01	2016-12-01	2016-11-30	2016-11-30	2016-11-29	2016-11-29
									8725387	8725386	8725386	8722532	8722532	8719701	8719701
									SO	SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N	N
									Y	N	Y	N	Y	N	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.29	na	8.25	na	8.27	na	8.02
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	7.6	na	32	na	28.6	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na	na
P,P'-DDE	ug/kg														

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-008 JS-B-008(18-19)(12012016) 2016-12-01 8725387 SO N Y	JS-B-008 JS-B-008(5-7)(12012016) 2016-12-01 8725386 SO N N	JS-B-008 JS-B-008(5-7)(12012016) 2016-12-01 8725386 SO N Y	JS-B-009 JS-B-009(11-12)(11302016) 2016-11-30 8722532 SO N N	JS-B-009 JS-B-009(11-12)(11302016) 2016-11-30 8722532 SO N Y	JS-B-010 JS-B-010(15-17)(11292016) 2016-11-29 8719701 SO N N	JS-B-010 JS-B-010(15-17)(11292016) 2016-11-29 8719701 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1 U	na	59	na	61 U	na	1 U
1,1,2,2-Tetrachloroethane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
1,1,2-Trichloroethane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1 U	na	3 J	na	61 U	na	1 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1 U	na	1 J	na	61 U	na	1 U
1,2,3-Trichlorobenzene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,2,4-Trichlorobenzene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		1 U	na	1 U	na	61 U	na	1 U
1,2-Dibromo-3-Chloropropane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1 U	na	1 U	na	61 U	na	1 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1 U	na	1 U	na	61 U	na	1 U
1,2-Dichloropropane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		1 U	na	1 U	na	61 U	na	1 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1 U	na	1 U	na	61 U	na	1 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1 U	na	1 U	na	61 U	na	1 U
2-Hexanone	ug/kg								4 U	na	3 U	na	180 U	na	4 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	9 U	na	14 J	na	430 U	na	20 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.7 U	na	0.5 U	na	30 U	na	0.7 U
Bromochloromethane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Bromodichloromethane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Bromoform	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Bromomethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Carbon Disulfide	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1 U	na	1 U	na	61 U	na	1 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1 U	na	1 U	na	61 U	na	1 U
Chloroethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1 U	na	1 U	na	61 U	na	1 U
Chloromethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1 U	na	13	na	630	na	1 U
Cis-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Cyclohexane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Cymene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Dibromochloromethane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Dichlorodifluoromethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1 U	na	1 U	na	61 U	na	1 U
Isopropylbenzene (Cumene)	ug/kg								1 U	na	1 U	na	61 U	na	1 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	61 U	na	1 U
Methyl Acetate	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	5 U	na	4 U	na	240 U	na	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								4 U	na	3 U	na	180 U	na	4 U
Methylcyclohexane	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3 U	na	2 U	na	120 U	na	3 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		1 U	na	1 U	na	61 U	na	1 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		1 U	na	1 U	na	61 U	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	61 U	na	1 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		1 U	na	1 U	na	61 U	na	1 U
Styrene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		1 U	na	1 U	na	61 U	na	1 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		0.7 U	na	0.5 U	na	30 U	na	0.7 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1 U	na	1 U	na	61 U	na	1 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1 U	na	1 U	na	61 U	na	1 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		1 U	na	1 J	na	61 U	na	1 U
Trans-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	61 U	na	1 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1 U	na	5100	na	18000	na	1 U
Trichlorofluoromethane	ug/kg								3 U	na	2 U	na	120 U	na	3 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1 U	na	1 U	na	61 U	na	1 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	61 U	na	1 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-011 JS-B-011(15-17)(11292016) 2016-11-29 8719702 SO N N	JS-B-011 JS-B-011(15-17)(11292016) 2016-11-29 8719702 SO N Y	JS-B-012 JS-B-012(12-14)(11302016) 2016-11-30 8722533 SO N N	JS-B-012 JS-B-012(12-14)(11302016) 2016-11-30 8722533 SO N Y	JS-B-014 JS-B-014 (12-13) (04052018) 2018-04-05 R1803085-005 SO N Y	JS-B-014 JS-B-014(12-13)(04052018)-20180405 2018-04-05 480-133771-1 SO N Y	JS-B-015 DUP04102018 2018-04-10 R1803266-007 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	8.18	na	8.33	na	8.4	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	2040	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								28	na	29.4	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	2								

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-011 JS-B-011(15-17)(11292016) 2016-11-29 8719702 SO N N	JS-B-011 JS-B-011(15-17)(11292016) 2016-11-29 8719702 SO N Y	JS-B-012 JS-B-012(12-14)(11302016) 2016-11-30 8722533 SO N N	JS-B-012 JS-B-012(12-14)(11302016) 2016-11-30 8722533 SO N Y	JS-B-014 JS-B-014 (12-13) (04052018) 2018-04-05 R1803085-005 SO N Y	JS-B-014 JS-B-014(12-13)(04052018)-20180405 2018-04-05 480-133771-1 SO N Y	JS-B-015 DUP04102018 2018-04-10 R1803266-007 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 U	na	1 U	na	3.9 J	na
1,1,2,2-Tetrachloroethane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
1,1,2-Trichloroethane	ug/kg								na	1 U	na	5 J	na	5.1 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1 U	na	4000	na	11	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1 U	na	2 J	na	12	na
1,2,3-Trichlorobenzene	ug/kg								na	1 U	na	1 UJ	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	1 U	na	1 UJ	na	5.1 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	1 U	na	1 U	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	1 U	na	1 U	na	5.1 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	1 U	na	1 U	na	5.1 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	1 U	na	1 U	na	5.1 U	na
1,2-Dichloropropane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	1 U	na	1 U	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	1 U	na	1 UJ	na	5.1 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	1 U	na	1 UJ	na	5.1 U	na
2-Hexanone	ug/kg								na	4 U	na	4 U	na	25 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	13 J	na	14 J	na	22 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.7 U	na	0.7 U	na	5.1 U	na
Bromochloromethane	ug/kg								na	1 U	na	1 U	na	na	na
Bromodichloromethane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Bromoform	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Bromomethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
Carbon Disulfide	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	1 U	na	1 U	na	5.1 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	1 U	na	1 U	na	5.1 U	na
Chloroethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	1 U	na	1 U	na	5.1 U	na
Chloromethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	1 U	na	1 U	na	5.8	na
Cis-1,3-Dichloropropene	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Cyclohexane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Cymene	ug/kg								na	1 U	na	1 U	na	na	na
Dibromochloromethane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Dichlorodifluoromethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	1 U	na	1 U	na	5.1 U	na
Isopropylbenzene (Cumene)	ug/kg								na	1 U	na	1 U	na	5.1 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	na	na
Methyl Acetate	ug/kg								na	3 U	na	3 U	na	25 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	6 U	na	6 U	na	25 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	4 U	na	4 U	na	25 U	na
Methylcyclohexane	ug/kg								na	1 U	na	1 U	na	5.1 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	3 U	na	3 U	na	5.1 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	1 U	na	1 U	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	1 U	na	1 U	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	1 U	na	1 U	na	na	na
Styrene	ug/kg								na	1 U	na	1 UJ	na	5.1 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	1 U	na	1 U	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.7 U	na	0.7 U	na	5.1 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	1 U	na	1 U	na	6	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1 U	na	1 U	na	5.1 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1 U	na	1 U	na	5.1 U	na
Trans-1,3-Dichloropropene	ug/kg								na	1 U	na	1 UJ	na	5.1 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	1 U	na	1 J	na	130	na
Trichlorofluoromethane	ug/kg								na	3 U	na	3 U	na	5.1 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	1 U	na	7 J	na	5.1 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	1 U	na	10 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-015 DUP04102018-20180410 2018-04-10 480-133891-8 SO FD Y	JS-B-015 (15-17) (04102018) 2018-04-10 R1803266-001 SO N Y	JS-B-015 (5-5-7-5) (04102018) 2018-04-10 R1803266-002 SO N Y	JS-B-015 (15-17)(04102018)-20180410 2018-04-10 480-133891-7 SO N Y	JS-B-015 (5-5-7-5)(04102018)-20180410 2018-04-10 480-133891-6 SO N Y	JS-B-015 (6-7)(04102018)-20180410 2018-04-10 480-133891-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.3 J	na	na	13	na	550
1,1,2,2-Tetrachloroethane	ug/kg								6.2 U	na	na	6 U	na	430 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								6.2 U	na	na	6 U	na	430 U
1,1,2-Trichloroethane	ug/kg								6.2 U	na	na	6 U	na	430 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		14	na	na	38	na	430 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		12	na	na	53	na	430 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								6.2 U	na	na	6 U	na	430 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								6.2 U	na	na	6 U	na	430 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								6.2 U	na	na	6 U	na	430 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		6.2 U	na	na	6 U	na	430 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	6.2 U	na	na	6 U	na	430 U
1,2-Dichloropropane	ug/kg								6.2 U	na	na	6 U	na	430 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		6.2 U	na	na	6 U	na	430 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	6.2 U	na	na	6 U	na	430 U
2-Hexanone	ug/kg								31 U	na	na	30 U	na	2200 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	13 J	na	na	8.9 J	na	2200 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	6.2 U	na	na	6 U	na	430 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Bromoform	ug/kg								6.2 U	na	na	6 U	na	430 U
Bromomethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Carbon Disulfide	ug/kg								6.2 U	na	na	6 U	na	430 UJ
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		6.2 U	na	na	6 U	na	430 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	6.2 U	na	na	6 U	na	430 U
Chloroethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	6.2 U	na	na	6 U	na	430 U
Chloromethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		3.7 J	na	na	17	na	430 U
Cis-1,3-Dichloropropene	ug/kg								6.2 U	na	na	6 U	na	430 U
Cyclohexane	ug/kg								6.2 U	na	na	6 U	na	430 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								6.2 U	na	na	6 U	na	430 UJ
Dichlorodifluoromethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		6.2 U	na	na	6 U	na	430 U
Isopropylbenzene (Cumene)	ug/kg								6.2 U	na	na	6 U	na	430 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								31 U	na	na	30 U	na	2200 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	31 U	na	na	30 U	na	2200 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								31 U	na	na	30 U	na	2200 U
Methylcyclohexane	ug/kg								6.2 U	na	na	6 U	na	430 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	6.2 U	na	na	6 U	na	430 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								6.2 U	na	na	6 U	na	430 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		6.2 U	na	na	6 U	na	430 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1.3 J	na	na	13	na	430 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	6.2 U	na	na	6 U	na	430 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		6.2 U	na	na	1.2 J	na	430 U
Trans-1,3-Dichloropropene	ug/kg								6.2 U	na	na	6 U	na	430 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	80 J	na	na	1700 J	na	6400
Trichlorofluoromethane	ug/kg								6.2 U	na	na	6 U	na	430 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		6.2 U	na	na	6 U	na	430 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	12 U	na	na	12 U	na	870 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-016 JS-B-016 (16-18) (04052018) 2018-04-05 R1803085-003 SO N Y	JS-B-016 JS-B-016 (16-18) (04052018)-20180405 2018-04-05 480-133677-4 SO N Y	JS-B-018 JS-B-018 (19-20) (04042018) 2018-04-04 R1803085-002 SO N Y	JS-B-018 JS-B-018 (19-20) (04042018)-20180404 2018-04-04 480-133677-3 SO N Y	JS-B-019 JS-B-019 (16-16.5) (04042018)-20180404 2018-04-04 480-133677-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.3	na	9.6	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	2190	na	2270	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		na	na	na	na	na
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	na	na	na	na	na
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		na	na	na	na	na
Benzo(G,H,I)Perylene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Benzo(K)Fluoranthene	ug/kg	800	1700	1000	3900	56000	110000		na	na	na	na	na
Benzyl Butyl Phthalate	ug/kg								na	na	na	na	na
Biphenyl (Diphenyl)	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-016 JS-B-016 (16-18) (04052018) 2018-04-05 R1803085-003 SO N Y	JS-B-016 JS-B-016 (16-18) (04052018)-20180405 2018-04-05 480-133677-4 SO N Y	JS-B-018 JS-B-018 (19-20) (04042018) 2018-04-04 R1803085-002 SO N Y	JS-B-018 JS-B-018 (19-20) (04042018)-20180404 2018-04-04 480-133677-3 SO N Y	JS-B-019 JS-B-019 (16-16.5) (04042018)-20180404 2018-04-04 480-133677-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	5.6 U	na	0.75 J	16
1,1,2,2-Tetrachloroethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,1,2-Trichloroethane	ug/kg								na	5.6 U	na	0.82 J	4.5 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	13	na	110	26
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1.5 J	na	63	7.7
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	5.6 U	na	4.5 U	4.5 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	5.6 U	na	1.8 J	4.5 U
1,2-Dichloropropane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	5.6 U	na	4.5 U	4.5 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	5.6 U	na	4.5 U	4.5 U
2-Hexanone	ug/kg								na	28 U	na	23 U	22 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	12 J	na	26	18 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	5.6 U	na	4.5 U	4.5 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Bromoform	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Bromomethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Carbon Disulfide	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	5.6 U	na	4.5 U	4.5 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	5.6 U	na	4.5 U	4.5 U
Chloroethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	5.6 U	na	4.5 U	4.5 U
Chloromethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.75 J	na	26	3.2 J
Cis-1,3-Dichloropropene	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Cyclohexane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Dichlorodifluoromethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	5.6 U	na	4.5 U	4.5 U
Isopropylbenzene (Cumene)	ug/kg								na	5.6 U	na	4.5 U	4.5 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	28 U	na	23 U	22 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	28 U	na	23 U	22 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	28 U	na	23 U	22 U
Methylcyclohexane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	5.6 U	na	4.5 U	4.5 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	5.6 U	na	4.5 U	4.5 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	5.6 U	na	4.5 U	4.5 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	5.6 U	na	4.5 U	0.81 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	5.6 U	na	5.3	4.5 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	5.6 U	na	0.62 J	4.5 U
Trans-1,3-Dichloropropene	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	2.2 J	na	82000	92
Trichlorofluoromethane	ug/kg								na	5.6 U	na	4.5 U	4.5 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	5.6 U	na	2.4 J	4.5 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	11 U	na	9.1 U	9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-019 JS-B-019 (16-17) (04042018) 2018-04-04 R1803085-001 SO N Y	JS-B-019 JS-B-019 (16-17) (04042018)-20180404 2018-04-04 480-133677-2 SO N Y	JS-B-019 JS-B-019 (16-17) (04042018) 2018-04-04 R1806389-001 SO N Y	JS-B-022 JS-B-022 (14.7-16.7) (04102018) 2018-04-09 R1803286-003 SO N Y	JS-B-022 JS-B-022 (14.7-16.7) (04092018)-20180409 2018-04-09 480-133891-1 SO N Y	JS-B-023 JS-B-023 (16-18) (04062018) 2018-04-06 R1803085-006 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	8.2	na	na	8.5	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	1790	na	na	2290	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na					

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-019 JS-B-019 (16-17) (04042018) 2018-04-04 R1803085-001 SO N Y	JS-B-019 JS-B-019 (16-17) (04042018)-20180404 2018-04-04 480-133677-2 SO N Y	JS-B-019 JS-B-019 (16-17)(04042018) 2018-04-04 R1806389-001 SO N Y	JS-B-022 JS-B-022 (14.7-16.7) (04102018) 2018-04-09 R1803286-003 SO N Y	JS-B-022 JS-B-022(14.7-16.7)(04092018)-20180409 2018-04-09 480-133891-1 SO N Y	JS-B-023 JS-B-023 (16-18) (04062018) 2018-04-06 R1803085-006 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	na	na	2.2 J	na
1,1,2,2-Tetrachloroethane	ug/kg								na	na	na	na	6.9 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	na	na	6.9 U	na
1,1,2-Trichloroethane	ug/kg								na	na	na	na	6.9 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	na	na	18	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	20	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	na	na	na	6.9 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	na	na	6.9 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	na	na	6.9 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	na	na	6.9 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	na	na	6.9 U	na
1,2-Dichloropropane	ug/kg								na	na	na	na	6.9 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	na	na	6.9 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	na	na	6.9 U	na
2-Hexanone	ug/kg								na	na	na	na	34 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	na	na	31 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	na	na	6.9 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	na	na	na	6.9 U	na
Bromoform	ug/kg								na	na	na	na	6.9 U	na
Bromomethane	ug/kg								na	na	na	na	6.9 U	na
Carbon Disulfide	ug/kg								na	na	na	na	6.9 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	na	na	6.9 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	na	na	6.9 U	na
Chloroethane	ug/kg								na	na	na	na	6.9 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	na	na	6.9 U	na
Chloromethane	ug/kg								na	na	na	na	6.9 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	na	na	8.3	na
Cis-1,3-Dichloropropene	ug/kg								na	na	na	na	6.9 U	na
Cyclohexane	ug/kg								na	na	na	na	6.9 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	na	na	na	6.9 U	na
Dichlorodifluoromethane	ug/kg								na	na	na	na	6.9 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	na	na	6.9 U	na
Isopropylbenzene (Cumene)	ug/kg								na	na	na	na	6.9 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	na	na	na	34 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	na	na	34 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	na	na	34 U	na
Methylcyclohexane	ug/kg								na	na	na	na	6.9 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	na	na	6.9 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	na	na	na	6.9 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	na	na	6.9 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	na	na	6.9 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	na	na	6.9 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	na	na	6.9 U	na
Trans-1,3-Dichloropropene	ug/kg								na	na	na	na	6.9 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	na	na	160	na
Trichlorofluoromethane	ug/kg								na	na	na	na	6.9 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	na	na	6.9 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	14 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-023 JS-B-023(16-18)(04062018)-20180406 2018-04-06 480-133771-2 SO N Y	JS-B-025 JS-B-025 (6-8) (04092018) 2018-04-09 R1803085-009 SO N Y	JS-B-025 JS-B-025(6-8)(04092018)-20180409 2018-04-09 480-133891-2 SO N Y	JS-B-026 JS-B-026 (14-16) (04062018) 2018-04-06 R1803085-007 SO N Y	JS-B-026 JS-B-026(14-16)(04062018)-20180406 2018-04-06 480-133771-3 SO N Y	JS-B-027 JS-B-027 (4-6) (04062018) 2018-04-06 R1803085-008 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8.6	na	8.2	na	8.4	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								2450	na	24700	na	2310	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600										

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-023 JS-B-023(16-18)(04062018)-20180406 2018-04-06 480-133771-2 SO N Y	JS-B-025 JS-B-025 (6-8) (04092018) 2018-04-09 R1803085-009 SO N Y	JS-B-025 JS-B-025(6-8)(04092018)-20180409 2018-04-09 480-133891-2 SO N Y	JS-B-026 JS-B-026 (14-16) (04062018) 2018-04-06 R1803085-007 SO N Y	JS-B-026 JS-B-026(14-16)(04062018)-20180406 2018-04-06 480-133771-3 SO N Y	JS-B-027 JS-B-027 (4-6) (04062018) 2018-04-06 R1803085-008 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.1 U	na	5.7	na	7.3 U	na
1,1,2,2-Tetrachloroethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,1,2-Trichloroethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		0.71 J	na	3.9 U	na	6.1 J	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.1 U	na	3.9 U	na	7.3 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.1 U	na	3.9 U	na	7.3 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.1 U	na	3.9 U	na	7.3 U	na
1,2-Dichloropropane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.1 U	na	3.9 U	na	7.3 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.1 U	na	3.9 U	na	7.3 U	na
2-Hexanone	ug/kg								25 U	na	19 U	na	36 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	17 J	na	16 J	na	23 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.1 U	na	3.9 U	na	7.3 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Bromoform	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Bromomethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Carbon Disulfide	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.1 U	na	3.9 U	na	7.3 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.1 U	na	3.9 U	na	7.3 U	na
Chloroethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.1 U	na	3.9 U	na	7.3 U	na
Chloromethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.1 U	na	1.7 J	na	3.2 J	na
Cis-1,3-Dichloropropene	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Cyclohexane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Dichlorodifluoromethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.1 U	na	3.9 U	na	7.3 U	na
Isopropylbenzene (Cumene)	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								25 U	na	19 U	na	36 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	25 U	na	19 U	na	36 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								25 U	na	19 U	na	36 U	na
Methylcyclohexane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.1 U	na	3.9 U	na	7.3 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.1 U	na	3.9 U	na	7.3 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.1 U	na	1.3 J	na	7.3 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.1 U	na	3.9 U	na	7.3 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.1 U	na	3.9 U	na	7.3 U	na
Trans-1,3-Dichloropropene	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.1 U	na	2200	na	11	na
Trichlorofluoromethane	ug/kg								5.1 U	na	3.9 U	na	7.3 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.1 U	na	3.9 U	na	7.3 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	10 U	na	7.7 U	na	15 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-027 JS-B-027(4-6)(04062018)-20180406 2018-04-06 480-133771-6 SO N Y	JS-B-028 JS-B-028 (5-7) (04102018) 2018-04-10 R1803266-004 SO N Y	JS-B-028 JS-B-028 (5-7)(04102018)-20180410 2018-04-10 480-133994-1 SO N Y	JS-B-029 JS-B-029 (16-18) (04102018) 2018-04-10 R1803266-005 SO N Y	JS-B-029 JS-B-029 (16-18)(04102018)-20180410 2018-04-10 480-133994-2 SO N Y	JS-B-030 DUP(04122018) 2018-04-12 R1803338-003 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8.3	na	8.1	na	8.6	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								3790	na	3910	na	2440	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na&gt			

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-027 JS-B-027(4-6)(04062018)-20180406 2018-04-06 480-133771-6 SO N Y	JS-B-028 JS-B-028 (5-7) (04102018) 2018-04-10 R1803266-004 SO N Y	JS-B-028 JS-B-028 (5-7)(04102018)-20180410 2018-04-10 480-133994-1 SO N Y	JS-B-029 JS-B-029 (16-18) (04102018) 2018-04-10 R1803266-005 SO N Y	JS-B-029 JS-B-029 (16-18)(04102018)-20180410 2018-04-10 480-133994-2 SO N Y	JS-B-030 DUP(04122018) 2018-04-12 R1803338-003 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		2.6 J	na	5.1 J	na	5.8 U	na
1,1,2,2-Tetrachloroethane	ug/kg								3.9 U	na	6.1 U	na	5.8 UJ	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
1,1,2-Trichloroethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		3.9 U	na	6.1 U	na	22	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		3.9 U	na	6.1 U	na	5.6 J	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								3.9 U	na	6.1 U	na	5.8 UJ	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		3.9 U	na	6.1 U	na	5.8 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	3.9 U	na	6.1 U	na	5.8 U	na
1,2-Dichloropropane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		3.9 U	na	6.1 U	na	5.8 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	3.9 U	na	6.1 U	na	5.8 U	na
2-Hexanone	ug/kg								20 U	na	30 U	na	29 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	13 J	na	30 U	na	16 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	3.9 U	na	6.1 U	na	5.8 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Bromoform	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Bromomethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Carbon Disulfide	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		3.9 U	na	6.1 U	na	5.8 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	3.9 U	na	6.1 U	na	5.8 U	na
Chloroethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	3.9 U	na	6.1 U	na	5.8 U	na
Chloromethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		3.9 U	na	0.83 J	na	2.5 J	na
Cis-1,3-Dichloropropene	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Cyclohexane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Dichlorodifluoromethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		3.9 U	na	6.1 U	na	5.8 U	na
Isopropylbenzene (Cumene)	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								20 U	na	30 U	na	29 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	20 U	na	30 U	na	29 UJ	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								20 U	na	30 U	na	29 U	na
Methylcyclohexane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3.9 U	na	6.1 U	na	5.8 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		3.9 U	na	6.1 U	na	5.8 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	3.9 U	na	2.9 J	na	5.8 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	3.9 U	na	6.1 U	na	5.8 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		3.9 U	na	6.1 U	na	5.8 U	na
Trans-1,3-Dichloropropene	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	8	na	95	na	1.4 J	na
Trichlorofluoromethane	ug/kg								3.9 U	na	6.1 U	na	5.8 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		3.9 U	na	6.1 U	na	5.8 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	7.8 U	na	12 U	na	12 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-030	JS-B-030	JS-B-030	JS-B-031	JS-B-031	JS-B-032	
									DUP(04122018)-20180412	JS-B-030(16-18)(04122018)	JS-B-030(16-18)(04122018)-20180412	JS-B-031(15-17)(04112018)	JS-B-031(15-17)(04112018)-20180411	JS-B-032(9-11)(04112018)	
									2018-04-12	2018-04-12	2018-04-12	2018-04-11	2018-04-11	2018-04-11	
									480-134070-4	R1803338-002	480-134070-3	R1803266-010	480-134070-1	R1803338-007	
									SO	SO	SO	SO	SO	SO	
									FD	N	N	N	N	N	
									Y	Y	Y	Y	Y	Y	
Analyte		Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions															
Alkalinity, Bicarbonate (As CaCO3)		mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)		mg/kg								na	na	na	na	na	na
Chloride (As Cl)		mg/kg								na	na	na	na	na	na
Sulfate (As SO4)		mg/kg								na	na	na	na	na	na
Cations															
Calcium		mg/kg								na	na	na	na	na	na
Magnesium		mg/kg								na	na	na	na	na	na
Potassium		mg/kg								na	na	na	na	na	na
Sodium		mg/kg								na	na	na	na	na	na
General Chemistry															
Bicarbonate		mg/kg								na	na	na	na	na	na
Carbonate		mg/kg								na	na	na	na	na	na
Chloride		mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)		mg/l								na	na	na	na	na	na
Nitrogen, Nitrite		mg/l								na	na	na	na	na	na
pH		ph units								8.6	na	8.3	na	8.7	na
Sulfate		mg/kg								na	na	na	na	na	na
Temperature		deg c								na	na	na	na	na	na
Total Organic Carbon		mg/kg								2350	na	2350	na	2800	na
Metals, Total															
Aluminum		mg/kg								na	na	na	na	na	na
Antimony		mg/kg								na	na	na	na	na	na
Arsenic		mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium		mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium		mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium		mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium		mg/kg								na	na	na	na	na	na
Chromium, Total		mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt		mg/kg								na	na	na	na	na	na
Copper		mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron		mg/kg								na	na	na	na	na	na
Lead		mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium		mg/kg								na	na	na	na	na	na
Manganese		mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury		mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel		mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium		mg/kg								na	na	na	na	na	na
Selenium		mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver		mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium		mg/kg								na	na	na	na	na	na
Thallium		mg/kg								na	na	na	na	na	na
Vanadium		mg/kg								na	na	na	na	na	na
Zinc		mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other															
Cyanide		mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point		deg f								na	na	na	na	na	na
Moisture, Percent		%								na	na	na	na	na	na
Total Fixed Solids		%								na	na	na	na	na	na
Total Volatile Solids		%								na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides															
Aldrin		ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan		ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan		ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane		ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin		ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate		ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin		ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde		ug/kg								na	na	na	na	na	na
Endrin Ketone		ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)		ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor		ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide		ug/kg								na	na	na	na	na	na
Methoxychlor		ug/kg								na	na	na	na	na	na
P,P'-DDD		ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE		ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-030 DUP(04122018)-20180412 2018-04-12 480-134070-4 SO FD Y	JS-B-030 (16-18)(04122018) 2018-04-12 R1803338-002 SO N Y	JS-B-030 (16-18)(04122018)-20180412 2018-04-12 480-134070-3 SO N Y	JS-B-031 (15-17) (04112018) 2018-04-11 R1803266-010 SO N Y	JS-B-031 (15-17)(04112018)-20180411 2018-04-11 480-134070-1 SO N Y	JS-B-032 (9-11)(04112018) 2018-04-11 R1803338-007 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
1,1,2,2-Tetrachloroethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								18000 UJ	na	12000 UJ	na	6.3 U	na
1,1,2-Trichloroethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		18000 U	na	12000 U	na	120	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	18000 U	na	12000 U	na	6.3 U	na
1,2-Dichloropropane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		18000 U	na	12000 U	na	6.3 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	18000 U	na	12000 U	na	6.3 U	na
2-Hexanone	ug/kg								89000 U	na	61000 U	na	31 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	89000 U	na	61000 U	na	17 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	18000 U	na	12000 U	na	6.3 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Bromoform	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Bromomethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Carbon Disulfide	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		18000 U	na	12000 U	na	6.3 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	18000 U	na	12000 U	na	6.3 U	na
Chloroethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	18000 U	na	12000 U	na	6.3 U	na
Chloromethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
Cis-1,3-Dichloropropene	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Cyclohexane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Dichlorodifluoromethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		18000 U	na	12000 U	na	6.3 U	na
Isopropylbenzene (Cumene)	ug/kg								18000 U	na	12000 U	na	6.3 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								89000 U	na	61000 U	na	31 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	89000 U	na	61000 U	na	31 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								89000 U	na	61000 U	na	31 U	na
Methylcyclohexane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	18000 U	na	12000 U	na	6.3 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								18000 U	na	12000 U	na	6.3 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	18000 U	na	12000 U	na	6.3 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	18000 U	na	12000 U	na	6.3 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		18000 U	na	12000 U	na	6.3 U	na
Trans-1,3-Dichloropropene	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	590000	na	490000	na	1.7 J	na
Trichlorofluoromethane	ug/kg								18000 U	na	12000 U	na	6.3 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		18000 U	na	12000 U	na	6.3 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	36000 U	na	25000 U	na	13 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-032	JS-B-033	JS-B-033	JS-B-033	JS-B-034
									JS-B-032(9-11)(04112018)-20180411	JS-B-033 (14-16) (04112018)	JS-B-033 (14-16)(04112018)-20180411	JS-B-033 (15-16)(04112018)-20180411	JS-B-034(14-16)(04122018)
									2018-04-11	2018-04-11	2018-04-11	2018-04-11	2018-04-12
									480-134070-6	R1803266-009	480-133994-6	480-133994-5	R1803338-004
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8.6	na	8.5	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2130	na	3080	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6td													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-032 JS-B-032(9-11)(04112018)-20180411 2018-04-11 480-134070-6 SO N Y	JS-B-033 JS-B-033 (14-16) (04112018) 2018-04-11 R1803266-009 SO N Y	JS-B-033 JS-B-033 (14-16)(04112018)-20180411 2018-04-11 480-133994-6 SO N Y	JS-B-033 JS-B-033 (15-16)(04112018)-20180411 2018-04-11 480-133994-5 SO N Y	JS-B-034 JS-B-034(14-16)(04122018) 2018-04-12 R1803338-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		730 U	na	na	15000 U	na
1,1,2,2-Tetrachloroethane	ug/kg								730 U	na	na	15000 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								730 UJ	na	na	15000 U	na
1,1,2-Trichloroethane	ug/kg								730 U	na	na	15000 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		630 J	na	na	15000 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		350 J	na	na	15000 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								730 U	na	na	15000 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								730 U	na	na	15000 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								730 U	na	na	15000 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		730 U	na	na	15000 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	730 U	na	na	15000 U	na
1,2-Dichloropropane	ug/kg								730 U	na	na	15000 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		730 U	na	na	15000 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	730 U	na	na	15000 U	na
2-Hexanone	ug/kg								3700 U	na	na	77000 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	3700 U	na	na	77000 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	730 U	na	na	15000 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								730 U	na	na	15000 U	na
Bromoform	ug/kg								730 U	na	na	15000 U	na
Bromomethane	ug/kg								730 U	na	na	15000 U	na
Carbon Disulfide	ug/kg								730 U	na	na	15000 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		730 U	na	na	15000 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	730 U	na	na	15000 U	na
Chloroethane	ug/kg								730 U	na	na	15000 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	730 U	na	na	15000 U	na
Chloromethane	ug/kg								730 U	na	na	15000 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1000	na	na	15000 U	na
Cis-1,3-Dichloropropene	ug/kg								730 U	na	na	15000 U	na
Cyclohexane	ug/kg								730 U	na	na	15000 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								730 U	na	na	15000 U	na
Dichlorodifluoromethane	ug/kg								730 U	na	na	15000 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		730 U	na	na	15000 U	na
Isopropylbenzene (Cumene)	ug/kg								730 U	na	na	15000 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								3700 U	na	na	77000 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	3700 U	na	na	77000 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								3700 U	na	na	77000 U	na
Methylcyclohexane	ug/kg								730 U	na	na	15000 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	730 U	na	na	15000 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								730 U	na	na	15000 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		730 U	na	na	15000 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	730 U	na	na	15000 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	730 U	na	na	15000 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		730 U	na	na	15000 U	na
Trans-1,3-Dichloropropene	ug/kg								730 U	na	na	15000 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	43000	na	na	420000	na
Trichlorofluoromethane	ug/kg								730 U	na	na	15000 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		730 U	na	na	15000 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1500 U	na	na	31000 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-034	JS-B-035	JS-B-035	JS-B-036	JS-B-036
									JS-B-034(14-16)(04122018)-20180412	JS-B-035(16-18)(04122018)	JS-B-035(16-18)(04122018)-20180412	JS-B-036 (14-15) (04182018)	JS-B-036 (14-15) (04182018)-20180418
									2018-04-12	2018-04-12	2018-04-12	2018-04-18	2018-04-18
									480-134153-1	R1803338-005	480-134153-2	R1803511-006	480-134430-4
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8.7	na	8.6	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2470	na	2840	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-034 JS-B-034(14-16)(04122018)-20180412 2018-04-12 480-134153-1 SO N Y	JS-B-035 JS-B-035(16-18)(04122018) 2018-04-12 R1803338-005 SO N Y	JS-B-035 JS-B-035(16-18)(04122018)-20180412 2018-04-12 480-134153-2 SO N Y	JS-B-036 JS-B-036 (14-15) (04182018) 2018-04-18 R1803511-006 SO N Y	JS-B-036 JS-B-036 (14-15) (04182018)-20180418 2018-04-18 480-134430-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
1,1,2,2-Tetrachloroethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,1,2-Trichloroethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		26	na	8700 U	na	5.6 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.6 U	na	8700 U	na	5.6 U
1,2-Dichloropropane	ug/kg								5.6 U	na	8700 U	na	5.6 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.6 U	na	8700 U	na	5.6 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.6 U	na	8700 U	na	5.6 U
2-Hexanone	ug/kg								28 U	na	44000 U	na	28 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	12 J	na	44000 U	na	22 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.6 U	na	8700 U	na	5.6 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Bromoform	ug/kg								5.6 U	na	8700 U	na	5.6 U
Bromomethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Carbon Disulfide	ug/kg								5.6 U	na	8700 U	na	5.6 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.6 U	na	8700 U	na	5.6 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.6 U	na	8700 U	na	5.6 U
Chloroethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.6 U	na	8700 U	na	5.6 U
Chloromethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
Cis-1,3-Dichloropropene	ug/kg								5.6 U	na	8700 U	na	5.6 U
Cyclohexane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Dichlorodifluoromethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.6 U	na	8700 U	na	5.6 U
Isopropylbenzene (Cumene)	ug/kg								5.6 U	na	8700 U	na	5.6 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								28 U	na	44000 U	na	28 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	28 U	na	44000 U	na	28 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								28 U	na	44000 U	na	28 U
Methylcyclohexane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.6 U	na	8700 U	na	5.6 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								5.6 U	na	8700 U	na	5.6 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.6 U	na	8700 U	na	5.6 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.6 U	na	8700 U	na	5.6 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.6 U	na	8700 U	na	5.6 U
Trans-1,3-Dichloropropene	ug/kg								5.6 U	na	8700 U	na	5.6 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.6 U	na	450000	na	1600
Trichlorofluoromethane	ug/kg								5.6 U	na	8700 U	na	5.6 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.6 U	na	8700 U	na	5.6 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	11 U	na	17000 U	na	11 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-036 JS-B-036 (17-19) (04182018) 2018-04-18 R1803511-005 SO N Y	JS-B-036 JS-B-036 (18-19) (04182018)-20180418 2018-04-18 480-134430-3 SO N Y	JS-B-036 JS-B-036 (19-20) (04182018) 2018-04-18 R1803511-007 SO N Y	JS-B-036 JS-B-036 (19-20) (04182018)-20180418 2018-04-18 480-13430-5 SO N Y	JS-B-037 JS-B-037 (15-16) (04172018)-20180417 2018-04-17 480-134349-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRS	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.3	na	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	1970	na	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na&gt				

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-036 JS-B-036 (17-19) (04182018) 2018-04-18 R1803511-005 SO N Y	JS-B-036 JS-B-036 (18-19) (04182018)-20180418 2018-04-18 480-134430-3 SO N Y	JS-B-036 JS-B-036 (19-20) (04182018) 2018-04-18 R1803511-007 SO N Y	JS-B-036 JS-B-036 (19-20) (04182018)-20180418 2018-04-18 480-134430-5 SO N Y	JS-B-037 JS-B-037 (15-16) (04172018)-20180417 2018-04-17 480-134349-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
1,1,2,2-Tetrachloroethane	ug/kg								na	1100 U	na	3800 U	17000 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	1100 U	na	3800 U	17000 U
1,1,2-Trichloroethane	ug/kg								na	1100 U	na	3800 U	17000 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1100 U	na	3800 U	17000 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	1100 U	na	3800 U	17000 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	1100 U	na	3800 U	17000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	1100 U	na	3800 U	17000 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	1100 U	na	3800 U	17000 U
1,2-Dichloropropane	ug/kg								na	1100 U	na	3800 U	17000 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	1100 U	na	3800 U	17000 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	1100 U	na	3800 U	17000 U
2-Hexanone	ug/kg								na	5600 U	na	19000 U	84000 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	5600 U	na	19000 U	84000 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	1100 U	na	3800 U	17000 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	1100 U	na	3800 U	17000 U
Bromoform	ug/kg								na	1100 U	na	3800 U	17000 U
Bromomethane	ug/kg								na	1100 U	na	3800 U	17000 U
Carbon Disulfide	ug/kg								na	1100 U	na	3800 U	17000 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	1100 U	na	3800 U	17000 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	1100 U	na	3800 U	17000 U
Chloroethane	ug/kg								na	1100 U	na	3800 U	17000 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	1100 U	na	3800 U	17000 U
Chloromethane	ug/kg								na	1100 U	na	3800 U	17000 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
Cis-1,3-Dichloropropene	ug/kg								na	1100 U	na	3800 U	17000 U
Cyclohexane	ug/kg								na	1100 U	na	3800 U	17000 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	1100 U	na	3800 U	17000 U
Dichlorodifluoromethane	ug/kg								na	1100 U	na	3800 U	17000 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	1100 U	na	3800 U	17000 U
Isopropylbenzene (Cumene)	ug/kg								na	1100 U	na	3800 U	17000 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	5600 U	na	19000 U	84000 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	5600 U	na	19000 U	84000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	5600 U	na	19000 U	84000 U
Methylcyclohexane	ug/kg								na	1100 U	na	3800 U	17000 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	1100 U	na	3800 U	17000 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	1100 U	na	3800 U	17000 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	1100 U	na	3800 U	17000 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1100 U	na	3800 U	17000 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1100 U	na	3800 U	17000 U
Trans-1,3-Dichloropropene	ug/kg								na	1100 U	na	3800 U	17000 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	370000	na	220000	680000
Trichlorofluoromethane	ug/kg								na	1100 U	na	3800 U	17000 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	1100 U	na	3800 U	17000 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	2300 U	na	7600 U	34000 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-037	JS-B-037	JS-B-038	JS-B-038	JS-B-038
									JS-B-037 (15-17) (04172018)	JS-B-037 (15-17) (04172018)-20180417	JS-B-038 (14-15) (04172018)-20180417	JS-B-038 (14-16) (04172018)	JS-B-038 (14-16) (04172018)-20180417
									2018-04-17	2018-04-17	2018-04-17	2018-04-17	2018-04-17
									R1803511-001	480-134349-2	480-134349-3	R1803511-002	480-134349-1
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.3	na	na	8
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	2400	na	na	2240
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-037 JS-B-037 (15-17) (04172018) 2018-04-17 R1803511-001 SO N Y	JS-B-037 JS-B-037 (15-17) (04172018)-20180417 2018-04-17 480-134349-2 SO N Y	JS-B-038 JS-B-038 (14-15) (04172018)-20180417 2018-04-17 480-134349-3 SO N Y	JS-B-038 JS-B-038 (14-16) (04172018) 2018-04-17 R1803511-002 SO N Y	JS-B-038 JS-B-038 (14-16) (04172018)-20180417 2018-04-17 480-134349-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	17000 U	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	na	17000 U	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	17000 U	na	na
1,1,2-Trichloroethane	ug/kg								na	na	17000 U	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	17000 U	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	17000 U	na	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	na	17000 U	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	17000 U	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	17000 U	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	17000 U	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	17000 U	na	na
1,2-Dichloropropane	ug/kg								na	na	17000 U	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	17000 U	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	17000 U	na	na
2-Hexanone	ug/kg								na	na	85000 U	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	85000 U	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	17000 U	na	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	na	17000 U	na	na
Bromoform	ug/kg								na	na	17000 U	na	na
Bromomethane	ug/kg								na	na	17000 U	na	na
Carbon Disulfide	ug/kg								na	na	17000 U	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	17000 U	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	17000 U	na	na
Chloroethane	ug/kg								na	na	17000 U	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	17000 U	na	na
Chloromethane	ug/kg								na	na	17000 U	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	6400 J	na	na
Cis-1,3-Dichloropropene	ug/kg								na	na	17000 U	na	na
Cyclohexane	ug/kg								na	na	17000 U	na	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	na	17000 U	na	na
Dichlorodifluoromethane	ug/kg								na	na	17000 U	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	17000 U	na	na
Isopropylbenzene (Cumene)	ug/kg								na	na	17000 U	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	na	85000 U	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	85000 U	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	85000 U	na	na
Methylcyclohexane	ug/kg								na	na	17000 U	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	17000 U	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	na	17000 U	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	17000 U	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	17000 U	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	17000 U	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	17000 U	na	na
Trans-1,3-Dichloropropene	ug/kg								na	na	17000 U	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	950000	na	na
Trichlorofluoromethane	ug/kg								na	na	17000 U	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	17000 U	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	34000 U	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-039 JS-B-039 (12-13) (04202018) 2018-04-20 R1803616-009 SO N Y	JS-B-039 JS-B-039 (12-13) (04202018)-20180420 2018-04-20 480-134614-5 SO N Y	JS-B-039 JS-B-039 (13-14) (04202018)-20180420 2018-04-20 480-134614-6 SO N Y	JS-B-039 JS-B-039 (13-15) (04202018) 2018-04-20 R1803616-010 SO N Y	JS-B-039 JS-B-039 (13-15) (04202018)-20180420 2018-04-20 480-134614-7 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	35000 U	17000 U	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	35000 U	17000 U	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	35000 U	17000 U	na	na
1,1,2-Trichloroethane	ug/kg								na	35000 U	17000 U	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	35000 U	17000 U	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	35000 U	17000 U	na	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	35000 U	17000 U	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	35000 U	17000 U	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	35000 U	17000 U	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	35000 U	17000 U	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	35000 U	17000 U	na	na
1,2-Dichloropropane	ug/kg								na	35000 U	17000 U	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	35000 U	17000 U	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	35000 U	17000 U	na	na
2-Hexanone	ug/kg								na	180000 U	84000 U	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	180000 U	84000 U	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	35000 U	17000 U	na	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	35000 U	17000 U	na	na
Bromoform	ug/kg								na	35000 U	17000 U	na	na
Bromomethane	ug/kg								na	35000 U	17000 U	na	na
Carbon Disulfide	ug/kg								na	35000 U	17000 U	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	35000 U	17000 U	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	35000 U	17000 U	na	na
Chloroethane	ug/kg								na	35000 U	17000 U	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	35000 U	17000 U	na	na
Chloromethane	ug/kg								na	35000 U	17000 U	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	35000 U	17000 U	na	na
Cis-1,3-Dichloropropene	ug/kg								na	35000 U	17000 U	na	na
Cyclohexane	ug/kg								na	35000 U	17000 U	na	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	35000 U	17000 U	na	na
Dichlorodifluoromethane	ug/kg								na	35000 U	17000 U	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	35000 U	17000 U	na	na
Isopropylbenzene (Cumene)	ug/kg								na	35000 U	17000 U	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	180000 U	84000 U	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	180000 U	84000 U	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	180000 U	84000 U	na	na
Methylcyclohexane	ug/kg								na	35000 U	17000 U	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	35000 U	17000 U	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	35000 U	17000 U	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	35000 U	17000 U	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	35000 U	17000 U	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	35000 U	17000 U	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	35000 U	17000 U	na	na
Trans-1,3-Dichloropropene	ug/kg								na	35000 U	17000 U	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	830000	1300000	na	na
Trichlorofluoromethane	ug/kg								na	35000 U	17000 U	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	35000 U	17000 U	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	71000 U	34000 U	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-039 JS-B-039 (13-15) (04202018) 2018-04-20 R1806389-004 SO N Y	JS-B-039 JS-B-039 (19-20) (04202018) 2018-04-20 R1803616-011 SO N Y	JS-B-039 JS-B-039 (19-20) (04202018)-20180420 2018-04-20 480-134614-8 SO N Y	JS-B-041 JS-B-041 (16-18) (04182018) 2018-04-18 R1803511-004 SO N Y	JS-B-041 JS-B-041 (16-18) (04182018)-20180418 2018-04-18 480-134430-2 SO N Y	JS-B-043 JS-B-043 (10-12) (04182018) 2018-04-18 R1803616-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	8.1	na	8.5	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	2240	na	2100	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-039 JS-B-039 (13-15)(04202018) 2018-04-20 R1806389-004 SO N Y	JS-B-039 JS-B-039 (19-20) (04202018) 2018-04-20 R1803616-011 SO N Y	JS-B-039 JS-B-039 (19-20) (04202018)-20180420 2018-04-20 480-134614-8 SO N Y	JS-B-041 JS-B-041 (16-18) (04182018) 2018-04-18 R1803511-004 SO N Y	JS-B-041 JS-B-041 (16-18) (04182018)-20180418 2018-04-18 480-134430-2 SO N Y	JS-B-043 JS-B-043 (10-12) (04182018) 2018-04-18 R1803616-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	6500 U	na	6.3 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	na	6500 U	na	6.3 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	6500 U	na	6.3 U	na
1,1,2-Trichloroethane	ug/kg								na	na	6500 U	na	6.3 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	6500 U	na	6.3 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	6500 U	na	6.3 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	na	6500 U	na	6.3 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	6500 U	na	6.3 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	6500 U	na	6.3 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	6500 U	na	6.3 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	6500 U	na	6.3 U	na
1,2-Dichloropropane	ug/kg								na	na	6500 U	na	6.3 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	6500 U	na	6.3 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	6500 U	na	6.3 U	na
2-Hexanone	ug/kg								na	na	32000 U	na	32 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	32000 U	na	31 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	6500 U	na	6.3 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	na	6500 U	na	6.3 U	na
Bromoform	ug/kg								na	na	6500 U	na	6.3 U	na
Bromomethane	ug/kg								na	na	6500 U	na	6.3 U	na
Carbon Disulfide	ug/kg								na	na	6500 U	na	6.3 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	6500 U	na	6.3 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	6500 U	na	6.3 U	na
Chloroethane	ug/kg								na	na	6500 U	na	6.3 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	6500 U	na	6.3 U	na
Chloromethane	ug/kg								na	na	6500 U	na	6.3 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	6500 U	na	6.3 U	na
Cis-1,3-Dichloropropene	ug/kg								na	na	6500 U	na	6.3 U	na
Cyclohexane	ug/kg								na	na	6500 U	na	6.3 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	na	6500 U	na	6.3 UJ	na
Dichlorodifluoromethane	ug/kg								na	na	6500 U	na	6.3 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	6500 U	na	6.3 U	na
Isopropylbenzene (Cumene)	ug/kg								na	na	6500 U	na	6.3 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	na	32000 U	na	32 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	32000 U	na	32 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	32000 U	na	32 U	na
Methylcyclohexane	ug/kg								na	na	6500 U	na	6.3 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	6500 U	na	6.3 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	na	6500 U	na	6.3 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	6500 U	na	6.3 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	6500 U	na	6.3 UJ	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	6500 U	na	6.3 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	6500 U	na	6.3 UJ	na
Trans-1,3-Dichloropropene	ug/kg								na	na	6500 U	na	6.3 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	190000	na	6.3 U	na
Trichlorofluoromethane	ug/kg								na	na	6500 U	na	6.3 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	6500 U	na	6.3 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	13000 U	na	13 UJ	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-043 (10-12) (04182018)-20180418 2018-04-18 480-134509-3 SO N Y	JS-B-044 (17-19) (04182018) 2018-04-19 R1803616-003 SO N Y	JS-B-044 (17-19) (04182018)-20180419 2018-04-19 480-134509-5 SO N Y	JS-B-044 (17-19)(04192018) 2018-04-19 R1806389-002 SO N Y	JS-B-044 (18-19) (04182018)-20180419 2018-04-19 480-134509-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8	na	8	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2210	na	2060	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-043 JS-B-043 (10-12) (04182018)-20180418 2018-04-18 480-134509-3 SO N Y	JS-B-044 JS-B-044 (17-19) (04182018) 2018-04-19 R1803616-003 SO N Y	JS-B-044 JS-B-044 (17-19) (04182018)-20180419 2018-04-19 480-134509-5 SO N Y	JS-B-044 JS-B-044 (17-19)(04192018) 2018-04-19 R1806389-002 SO N Y	JS-B-044 JS-B-044 (18-19) (04182018)-20180419 2018-04-19 480-134509-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		600 U	na	na	na	1400 U
1,1,2,2-Tetrachloroethane	ug/kg								600 U	na	na	na	1400 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								600 U	na	na	na	1400 U
1,1,2-Trichloroethane	ug/kg								600 U	na	na	na	1400 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		600 U	na	na	na	2700 J
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		600 U	na	na	na	730 J
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								600 U	na	na	na	1400 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								600 U	na	na	na	1400 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								600 U	na	na	na	1400 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		600 U	na	na	na	1400 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	600 U	na	na	na	1400 U
1,2-Dichloropropane	ug/kg								600 U	na	na	na	1400 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		600 U	na	na	na	1400 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	600 U	na	na	na	1400 U
2-Hexanone	ug/kg								3000 U	na	na	na	7200 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	3000 U	na	na	na	7200 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	600 U	na	na	na	1400 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								600 U	na	na	na	1400 U
Bromoform	ug/kg								600 U	na	na	na	1400 U
Bromomethane	ug/kg								600 U	na	na	na	1400 U
Carbon Disulfide	ug/kg								600 U	na	na	na	1400 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		600 U	na	na	na	1400 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	600 U	na	na	na	1400 U
Chloroethane	ug/kg								600 U	na	na	na	1400 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	600 U	na	na	na	1400 U
Chloromethane	ug/kg								600 U	na	na	na	1400 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		950	na	na	na	1400 U
Cis-1,3-Dichloropropene	ug/kg								600 U	na	na	na	1400 U
Cyclohexane	ug/kg								600 U	na	na	na	1400 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								600 U	na	na	na	1400 U
Dichlorodifluoromethane	ug/kg								600 U	na	na	na	1400 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		600 U	na	na	na	1400 U
Isopropylbenzene (Cumene)	ug/kg								600 U	na	na	na	1400 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								3000 U	na	na	na	7200 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	3000 U	na	na	na	7200 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								3000 U	na	na	na	7200 U
Methylcyclohexane	ug/kg								600 U	na	na	na	1400 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	600 U	na	na	na	1400 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								600 U	na	na	na	1400 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		600 U	na	na	na	1400 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	21000	na	na	na	1400 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	600 U	na	na	na	1400 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		600 U	na	na	na	1400 U
Trans-1,3-Dichloropropene	ug/kg								600 U	na	na	na	1400 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	14000	na	na	na	73000
Trichlorofluoromethane	ug/kg								600 U	na	na	na	1400 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		600 U	na	na	na	1400 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1200 U	na	na	na	2900 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-044 JS-B-044 (18-19) (04302018)-20180430 2018-04-30 480-135186-3 SO N Y	JS-B-046 JS-B-046 (12-14) (04192018) 2018-04-19 R1803616-004 SO N Y	JS-B-046 JS-B-046 (12-14) (04192018)-20180419 2018-04-19 480-134614-1 SO N Y	JS-B-047 JS-B-047 (10-12) (04192018)-20180419 2018-04-19 480-134614-3 SO N Y	JS-B-047 JS-B-047 (10-12) (0419218) 2018-04-19 R1803616-005 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	160 U	160 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	na	160 U	160 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	160 U	160 U	na
1,1,2-Trichloroethane	ug/kg								na	na	160 U	160 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	550	160 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	160 U	160 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	na	160 U	160 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	160 U	160 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	160 U	160 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	160 U	160 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	160 U	160 U	na
1,2-Dichloropropane	ug/kg								na	na	160 U	160 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	160 U	160 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	160 U	160 U	na
2-Hexanone	ug/kg								na	na	800 U	820 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	800 U	820 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	160 U	160 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	na	160 U	160 U	na
Bromoform	ug/kg								na	na	160 U	160 U	na
Bromomethane	ug/kg								na	na	160 U	160 U	na
Carbon Disulfide	ug/kg								na	na	160 U	160 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	160 U	160 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	160 U	160 U	na
Chloroethane	ug/kg								na	na	160 U	160 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	160 U	160 U	na
Chloromethane	ug/kg								na	na	160 U	160 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	160 U	1200	na
Cis-1,3-Dichloropropene	ug/kg								na	na	160 U	160 U	na
Cyclohexane	ug/kg								na	na	160 U	160 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	na	160 U	160 U	na
Dichlorodifluoromethane	ug/kg								na	na	160 U	160 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	160 U	160 U	na
Isopropylbenzene (Cumene)	ug/kg								na	na	160 U	160 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	na	800 U	820 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	800 U	820 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	800 U	820 U	na
Methylcyclohexane	ug/kg								na	na	160 U	160 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	160 U	160 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	na	160 U	160 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	160 U	160 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	160 U	180	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	160 U	160 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	160 U	64 J	na
Trans-1,3-Dichloropropene	ug/kg								na	na	160 U	160 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	670	28000	na
Trichlorofluoromethane	ug/kg								na	na	160 U	160 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	160 U	160 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	320 U	330 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-047 JS-B-047 (4-6) (04192018) 2018-04-19 R1803616-006 SO N Y	JS-B-047 JS-B-047 (4-6) (04192018)-20180419 2018-04-19 480-134614-2 SO N Y	JS-B-047 JS-B-047 (4-6)(04192018) 2018-04-19 R1806389-003 SO N Y	JS-B-048 JS-B-048 (10-11) (04232018)-20180423 2018-04-23 480-134765-1 SO N Y	JS-B-048 JS-B-048 (10-12) (04232018) 2018-04-23 R1803695-001 SO N Y	JS-B-048 JS-B-048 (10-12) (04232018)-20180423 2018-04-23 480-134765-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	7.8	na	na	na	8.2
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	55700	na	na	na	3220
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-047 JS-B-047 (4-6) (04192018) 2018-04-19 R1803616-006 SO N Y	JS-B-047 JS-B-047 (4-6) (04192018)-20180419 2018-04-19 480-134614-2 SO N Y	JS-B-047 JS-B-047 (4-6)(04192018) 2018-04-19 R1806389-003 SO N Y	JS-B-048 JS-B-048 (10-11) (04232018)-20180423 2018-04-23 480-134765-1 SO N Y	JS-B-048 JS-B-048 (10-12) (04232018) 2018-04-23 R1803695-001 SO N Y	JS-B-048 JS-B-048 (10-12) (04232018)-20180423 2018-04-23 480-134765-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	3500 J	na	7.4 U	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	8300 U	na	7.4 U	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	8300 U	na	7.4 U	na	na
1,1,2-Trichloroethane	ug/kg								na	8300 U	na	7.4 U	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	8300 U	na	3.7 J	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	8300 U	na	6.8 J	na	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	8300 U	na	7.4 U	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	8300 U	na	7.4 U	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	8300 U	na	7.4 U	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	8300 U	na	7.4 U	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	8300 U	na	7.4 U	na	na
1,2-Dichloropropane	ug/kg								na	8300 U	na	7.4 U	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	8300 U	na	7.4 U	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	8300 U	na	7.4 U	na	na
2-Hexanone	ug/kg								na	42000 U	na	37 U	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	42000 U	na	37 U	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	8300 U	na	7.4 U	na	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	8300 U	na	7.4 U	na	na
Bromoform	ug/kg								na	8300 U	na	7.4 U	na	na
Bromomethane	ug/kg								na	8300 U	na	7.4 U	na	na
Carbon Disulfide	ug/kg								na	8300 U	na	7.4 U	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	8300 U	na	7.4 U	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	8300 U	na	7.4 U	na	na
Chloroethane	ug/kg								na	8300 U	na	7.4 U	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	8300 U	na	7.4 U	na	na
Chloromethane	ug/kg								na	8300 U	na	7.4 U	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	4900 J	na	40	na	na
Cis-1,3-Dichloropropene	ug/kg								na	8300 U	na	7.4 U	na	na
Cyclohexane	ug/kg								na	8300 U	na	7.4 U	na	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	8300 U	na	7.4 U	na	na
Dichlorodifluoromethane	ug/kg								na	8300 U	na	7.4 U	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	8300 U	na	7.4 U	na	na
Isopropylbenzene (Cumene)	ug/kg								na	8300 U	na	7.4 U	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	42000 U	na	37 U	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	42000 U	na	37 U	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	42000 U	na	37 U	na	na
Methylcyclohexane	ug/kg								na	8300 U	na	7.4 U	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	8300 U	na	7.4 U	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	8300 U	na	7.4 U	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	8300 U	na	7.4 U	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	8300 U	na	3.2 J	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	8300 U	na	7.4 U	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	8300 U	na	2.3 J	na	na
Trans-1,3-Dichloropropene	ug/kg								na	8300 U	na	7.4 U	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	260000	na	73000	na	na
Trichlorofluoromethane	ug/kg								na	8300 U	na	7.4 U	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	8300 U	na	7.4 U	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	17000 U	na	15 U	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-049	JS-B-049	JS-B-049	JS-B-050	JS-B-050
									JS-B-049 (14-16) (04232018)	JS-B-049 (14-16) (04232018)-20180423	JS-B-049 (15-16) (04232018)-20180423	JS-B-050 (13-14) (04242018)	JS-B-050 (13-14) (04242018)-20180424
									2018-04-23	2018-04-23	2018-04-23	2018-04-24	2018-04-24
									R1803695-002	480-134765-4	480-134765-3	R1803695-004	480-134765-6
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.1	na	na	8
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	2670 J	na	na	3230
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-049 JS-B-049 (14-16) (04232018) 2018-04-23 R1803695-002 SO N Y	JS-B-049 JS-B-049 (14-16) (04232018)-20180423 2018-04-23 480-134765-4 SO N Y	JS-B-049 JS-B-049 (15-16) (04232018)-20180423 2018-04-23 480-134765-3 SO N Y	JS-B-050 JS-B-050 (13-14) (04242018) 2018-04-24 R1803695-004 SO N Y	JS-B-050 JS-B-050 (13-14) (04242018)-20180424 2018-04-24 480-134765-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	27000 U	na	27000 U
1,1,2,2-Tetrachloroethane	ug/kg								na	na	27000 U	na	27000 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	27000 U	na	27000 U
1,1,2-Trichloroethane	ug/kg								na	na	27000 U	na	27000 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	27000 U	na	27000 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	27000 U	na	27000 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	na	27000 U	na	27000 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	27000 U	na	27000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	27000 U	na	27000 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	27000 U	na	27000 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	27000 U	na	27000 U
1,2-Dichloropropane	ug/kg								na	na	27000 U	na	27000 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	27000 U	na	27000 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	27000 U	na	27000 U
2-Hexanone	ug/kg								na	na	130000 U	na	130000 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	130000 U	na	130000 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	27000 U	na	27000 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	na	27000 U	na	27000 U
Bromoform	ug/kg								na	na	27000 U	na	27000 U
Bromomethane	ug/kg								na	na	27000 U	na	27000 U
Carbon Disulfide	ug/kg								na	na	27000 U	na	27000 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	27000 U	na	27000 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	27000 U	na	27000 U
Chloroethane	ug/kg								na	na	27000 U	na	27000 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	27000 U	na	27000 U
Chloromethane	ug/kg								na	na	27000 U	na	27000 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	9800 J	na	27000 U
Cis-1,3-Dichloropropene	ug/kg								na	na	27000 U	na	27000 U
Cyclohexane	ug/kg								na	na	27000 U	na	27000 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	na	27000 U	na	27000 U
Dichlorodifluoromethane	ug/kg								na	na	27000 U	na	27000 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	27000 U	na	27000 U
Isopropylbenzene (Cumene)	ug/kg								na	na	27000 U	na	27000 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	na	130000 U	na	130000 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	130000 U	na	130000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	130000 U	na	130000 U
Methylcyclohexane	ug/kg								na	na	27000 U	na	27000 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	27000 U	na	27000 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	na	27000 U	na	27000 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	27000 U	na	27000 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	27000 U	na	27000 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	27000 U	na	27000 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	27000 U	na	27000 U
Trans-1,3-Dichloropropene	ug/kg								na	na	27000 U	na	27000 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	950000	na	980000
Trichlorofluoromethane	ug/kg								na	na	27000 U	na	27000 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	27000 U	na	27000 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	53000 U	na	54000 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-052 JS-B-052 (10-12) (04302018) 2018-04-30 R1803942-002 SO N Y	JS-B-052 JS-B-052 (10-12) (04302018)-20180430 2018-04-30 480-135186-4 SO N Y	JS-B-052 JS-B-052 (8-10) (04302018) 2018-04-30 R1803942-001 SO N Y	JS-B-052 JS-B-052 (8-10) (04302018)-20180430 2018-04-30 480-135186-2 SO N Y	JS-B-052 JS-B-052 (8-9) (04302018)-20180430 2018-04-30 480-135186-1 SO N Y	JS-B-053 JS-B-053 (13-14) (04242018) 2018-04-24 R1803759-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	7.7	na	8.1	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	30400	na	3060	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na			

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-052 JS-B-052 (10-12) (04302018) 2018-04-30 R1803942-002 SO N Y	JS-B-052 JS-B-052 (10-12) (04302018)-20180430 2018-04-30 480-135186-4 SO N Y	JS-B-052 JS-B-052 (8-10) (04302018) 2018-04-30 R1803942-001 SO N Y	JS-B-052 JS-B-052 (8-10) (04302018)-20180430 2018-04-30 480-135186-2 SO N Y	JS-B-052 JS-B-052 (8-9) (04302018)-20180430 2018-04-30 480-135186-1 SO N Y	JS-B-053 JS-B-053 (13-14) (04242018) 2018-04-24 R1803759-001 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	8.7 U	na	na	3 J	na
1,1,2,2-Tetrachloroethane	ug/kg								na	8.7 U	na	na	4.5 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	8.7 U	na	na	4.5 U	na
1,1,2-Trichloroethane	ug/kg								na	8.7 U	na	na	4.5 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	4.8 J	na	na	3.6 J	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	5.8 J	na	na	0.82 J	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	8.7 U	na	na	4.5 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	8.7 U	na	na	4.5 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	8.7 U	na	na	4.5 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	8.7 U	na	na	4.5 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	8.7 U	na	na	4.5 U	na
1,2-Dichloropropane	ug/kg								na	8.7 U	na	na	4.5 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	8.7 U	na	na	4.5 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	8.7 U	na	na	4.5 U	na
2-Hexanone	ug/kg								na	43 U	na	na	22 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	23 J	na	na	39	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	8.7 U	na	na	4.5 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Bromoform	ug/kg								na	8.7 U	na	na	4.5 U	na
Bromomethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Carbon Disulfide	ug/kg								na	8.7 U	na	na	4.5 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	8.7 U	na	na	4.5 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	8.7 U	na	na	4.5 U	na
Chloroethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	8.7 U	na	na	4.5 U	na
Chloromethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	15	na	na	5.1	na
Cis-1,3-Dichloropropene	ug/kg								na	8.7 U	na	na	4.5 U	na
Cyclohexane	ug/kg								na	8.7 U	na	na	4.5 U	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Dichlorodifluoromethane	ug/kg								na	8.7 U	na	na	4.5 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	8.7 U	na	na	4.5 U	na
Isopropylbenzene (Cumene)	ug/kg								na	8.7 U	na	na	1.2 J	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	43 U	na	na	22 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	43 U	na	na	4.2 J	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	43 U	na	na	22 U	na
Methylcyclohexane	ug/kg								na	8.7 U	na	na	4.5 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	4.6 J	na	na	2.2 J	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	8.7 U	na	na	4.5 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	8.7 U	na	na	4.5 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	8.7 U	na	na	2.8 J	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	8.7 U	na	na	0.74 J	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1.2 J	na	na	0.92 J	na
Trans-1,3-Dichloropropene	ug/kg								na	8.7 U	na	na	4.5 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	11000	na	na	23	na
Trichlorofluoromethane	ug/kg								na	8.7 UJ	na	na	4.5 UJ	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	2.2 J	na	na	2.5 J	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	17 U	na	na	3.3 J	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-053	JS-B-054	JS-B-054	JS-B-054	JS-B-054
									JS-B-053 (13-14) (04242018)-20180424	JS-B-054 (10-12) (04252018)	JS-B-054 (10-12) (04252018)-20180425	JS-B-054 (11-12) (04252018)-20180425	JS-B-055 (5-7) (05012018)
									2018-04-24	2018-04-25	2018-04-25	2018-04-25	2018-05-01
									480-134854-1	R1803759-002	480-134854-4	480-134854-3	R1803942-004
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8.2	na	8	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2620	na	2790	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-053 JS-B-053 (13-14) (04242018)-20180424 2018-04-24 480-134854-1 SO N Y	JS-B-054 JS-B-054 (10-12) (04252018) 2018-04-25 R1803759-002 SO N Y	JS-B-054 JS-B-054 (10-12) (04252018)-20180425 2018-04-25 480-134854-4 SO N Y	JS-B-054 JS-B-054 (11-12) (04252018)-20180425 2018-04-25 480-134854-3 SO N Y	JS-B-055 JS-B-055 (5-7) (05012018) 2018-05-01 R1803942-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		13000 U	na	na	1900 U	na
1,1,2,2-Tetrachloroethane	ug/kg								13000 U	na	na	1900 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								13000 U	na	na	1900 U	na
1,1,2-Trichloroethane	ug/kg								13000 U	na	na	1900 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		13000 U	na	na	1900 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		13000 U	na	na	1900 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								13000 U	na	na	1900 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								13000 U	na	na	1900 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								13000 U	na	na	1900 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		13000 U	na	na	1900 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	13000 U	na	na	1900 U	na
1,2-Dichloropropane	ug/kg								13000 U	na	na	1900 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		13000 U	na	na	1900 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	13000 U	na	na	1900 U	na
2-Hexanone	ug/kg								65000 U	na	na	9500 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	65000 U	na	na	9500 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	13000 U	na	na	1900 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								13000 U	na	na	1900 U	na
Bromoform	ug/kg								13000 U	na	na	1900 U	na
Bromomethane	ug/kg								13000 U	na	na	1900 U	na
Carbon Disulfide	ug/kg								13000 U	na	na	1900 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		13000 U	na	na	1900 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	13000 U	na	na	1900 U	na
Chloroethane	ug/kg								13000 U	na	na	1900 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	13000 U	na	na	1900 U	na
Chloromethane	ug/kg								13000 U	na	na	1900 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		13000 U	na	na	2400	na
Cis-1,3-Dichloropropene	ug/kg								13000 U	na	na	1900 U	na
Cyclohexane	ug/kg								13000 U	na	na	1900 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								13000 U	na	na	1900 U	na
Dichlorodifluoromethane	ug/kg								13000 U	na	na	1900 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		13000 U	na	na	1900 U	na
Isopropylbenzene (Cumene)	ug/kg								13000 U	na	na	1900 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								65000 U	na	na	9500 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	65000 U	na	na	9500 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								65000 U	na	na	9500 U	na
Methylcyclohexane	ug/kg								13000 U	na	na	1900 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	13000 U	na	na	1900 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								13000 U	na	na	1900 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		13000 U	na	na	1900 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	13000 U	na	na	1900 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	13000 U	na	na	1900 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		13000 U	na	na	1900 U	na
Trans-1,3-Dichloropropene	ug/kg								13000 U	na	na	1900 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	380000	na	na	67000	na
Trichlorofluoromethane	ug/kg								13000 U	na	na	1900 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		13000 U	na	na	1900 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	26000 U	na	na	3800 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-055	JS-B-055	JS-B-056	JS-B-056	JS-B-056
									JS-B-055 (5-7) (05012018)-20180501	JS-B-055 (5-7) (05012018)	JS-B-056 (10-11) (05012018)	JS-B-056 (10-11) (05012018)-20180501	JS-B-056 (44-44.5) (05012018)
									2018-05-01	2018-05-01	2018-05-01	2018-05-01	2018-05-01
									480-135186-7	R1806389-005	R1804011-003	480-135288-3	R1804011-010
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	na	na	8.5	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	2960	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na
2-Chloronaphthalene	ug/kg												

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-055 JS-B-055 (5-7) (05012018)-20180501 2018-05-01 480-135186-7 SO N Y	JS-B-055 JS-B-055 (5-7)(05012018) 2018-05-01 R1806389-005 SO N Y	JS-B-056 JS-B-056 (10-11) (05012018) 2018-05-01 R1804011-003 SO N Y	JS-B-056 JS-B-056 (10-11) (05012018)-20180501 2018-05-01 480-135288-3 SO N Y	JS-B-056 JS-B-056 (44-44.5) (05012018) 2018-05-01 R1804011-010 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1.5 J	na	na	250 U	na
1,1,2,2-Tetrachloroethane	ug/kg								3.9 U	na	na	250 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3.9 U	na	na	250 U	na
1,1,2-Trichloroethane	ug/kg								3.9 U	na	na	250 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		3.9 U	na	na	250 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		3.9 U	na	na	250 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								3.9 U	na	na	250 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								3.9 U	na	na	250 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								3.9 U	na	na	250 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		3.9 U	na	na	250 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	3.9 U	na	na	250 U	na
1,2-Dichloropropane	ug/kg								3.9 U	na	na	250 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		3.9 U	na	na	250 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	3.9 U	na	na	250 U	na
2-Hexanone	ug/kg								19 U	na	na	1300 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	14 J	na	na	1300 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	3.9 U	na	na	250 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								3.9 U	na	na	250 U	na
Bromoform	ug/kg								3.9 U	na	na	250 U	na
Bromomethane	ug/kg								3.9 U	na	na	250 U	na
Carbon Disulfide	ug/kg								3.9 U	na	na	250 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		3.9 U	na	na	250 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	3.9 U	na	na	250 U	na
Chloroethane	ug/kg								3.9 U	na	na	250 UJ	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	3.9 U	na	na	250 U	na
Chloromethane	ug/kg								3.9 U	na	na	250 UJ	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		0.97 J	na	na	3400	na
Cis-1,3-Dichloropropene	ug/kg								3.9 U	na	na	250 U	na
Cyclohexane	ug/kg								3.9 U	na	na	250 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								3.9 U	na	na	250 U	na
Dichlorodifluoromethane	ug/kg								3.9 U	na	na	250 UJ	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		3.9 U	na	na	250 U	na
Isopropylbenzene (Cumene)	ug/kg								3.9 U	na	na	250 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								19 U	na	na	1300 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	19 U	na	na	1300 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								19 U	na	na	1300 U	na
Methylcyclohexane	ug/kg								3.9 U	na	na	250 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3.9 U	na	na	250 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								3.9 U	na	na	250 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		3.9 U	na	na	250 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	0.52 J	na	na	250 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	3.9 U	na	na	250 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		3.9 U	na	na	250 U	na
Trans-1,3-Dichloropropene	ug/kg								3.9 U	na	na	250 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	47	na	na	10000	na
Trichlorofluoromethane	ug/kg								3.9 UJ	na	na	250 UJ	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		3.9 U	na	na	250 UJ	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	7.8 U	na	na	510 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-056	JS-B-056	JS-B-056	JS-B-056	JS-B-056
									JS-B-056 (44-44.5) (05012018)-20180501	JS-B-056 (8.5-9.5) (05012018)	JS-B-056 (8.5-9.5) (05012018)-20180501	JS-B-056 (9.5-10) (05012018)	JS-B-056 (9.5-10) (05012018)-20180501
									2018-05-01	2018-05-01	2018-05-01	2018-05-01	2018-05-01
									480-135288-4	R1804011-001	480-135288-1	R1804011-002	480-135288-2
									SO	SO	SO	SO	SO
N	N	N	N	N									
Y	Y	Y	Y	Y									
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	na	8.3	na	8.3
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	1810	na	2430
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinit													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-056 JS-B-056 (44-44.5) (05012018)-20180501 2018-05-01 480-135288-4 SO N Y	JS-B-056 JS-B-056 (8.5-9.5) (05012018) 2018-05-01 R1804011-001 SO N Y	JS-B-056 JS-B-056 (8.5-9.5) (05012018)-20180501 2018-05-01 480-135288-1 SO N Y	JS-B-056 JS-B-056 (9.5-10) (05012018) 2018-05-01 R1804011-002 SO N Y	JS-B-056 JS-B-056 (9.5-10) (05012018)-20180501 2018-05-01 480-135288-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		7.5 U	na	7.1 U	na	78 U
1,1,2,2-Tetrachloroethane	ug/kg								7.5 U	na	7.1 U	na	78 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								7.5 U	na	7.1 U	na	78 U
1,1,2-Trichloroethane	ug/kg								7.5 U	na	7.1 U	na	78 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		15	na	7.1 U	na	78 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		7.5 U	na	7.1 U	na	78 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								7.5 U	na	7.1 U	na	78 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								7.5 U	na	7.1 U	na	78 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								7.5 U	na	7.1 U	na	78 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		7.5 U	na	7.1 U	na	78 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	7.5 U	na	7.1 U	na	78 U
1,2-Dichloropropane	ug/kg								7.5 U	na	7.1 U	na	78 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		7.5 U	na	7.1 U	na	78 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	7.5 U	na	7.1 U	na	78 U
2-Hexanone	ug/kg								37 U	na	36 U	na	390 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	22 J	na	32 J	na	390 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	7.5 U	na	7.1 U	na	78 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								7.5 U	na	7.1 U	na	78 U
Bromoform	ug/kg								7.5 U	na	7.1 U	na	78 U
Bromomethane	ug/kg								7.5 U	na	7.1 U	na	78 U
Carbon Disulfide	ug/kg								7.5 U	na	7.1 U	na	78 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		7.5 U	na	7.1 U	na	78 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	7.5 U	na	7.1 U	na	78 U
Chloroethane	ug/kg								7.5 U	na	7.1 U	na	78 UJ
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	7.5 U	na	7.1 U	na	78 U
Chloromethane	ug/kg								7.5 U	na	7.1 U	na	78 UJ
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		19 J	na	3 J	na	59 J
Cis-1,3-Dichloropropene	ug/kg								7.5 U	na	7.1 U	na	78 U
Cyclohexane	ug/kg								7.5 U	na	7.1 U	na	78 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								7.5 U	na	7.1 U	na	78 U
Dichlorodifluoromethane	ug/kg								7.5 U	na	7.1 U	na	78 UJ
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		7.5 U	na	7.1 U	na	78 U
Isopropylbenzene (Cumene)	ug/kg								7.5 U	na	7.1 U	na	78 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								37 U	na	11 J	na	390 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	37 U	na	36 U	na	390 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								37 U	na	36 U	na	390 U
Methylcyclohexane	ug/kg								7.5 U	na	7.1 U	na	78 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	7.5 U	na	7.1 U	na	78 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								7.5 U	na	7.1 U	na	78 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		7.5 U	na	7.1 U	na	78 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	7.5 U	na	7.1 U	na	78 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	7.5 U	na	7.1 U	na	78 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		7.5 U	na	7.1 U	na	78 U
Trans-1,3-Dichloropropene	ug/kg								7.5 U	na	7.1 U	na	78 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	11	na	11	na	150
Trichlorofluoromethane	ug/kg								7.5 U	na	7.1 U	na	78 UJ
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		28	na	7.1 U	na	78 UJ
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	15 U	na	14 U	na	160 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057	JS-B-057	JS-B-057	JS-B-057	JS-B-057
									DUP (42-44)	DUP (42-44)	JS-B-057 (10.5-11)	JS-B-057 (10.5-11)	JS-B-057 (10-10.5)
									(05012018)	(05012018)-20180501	(05012018)	(05012018)-20180501	(10-10.5) (05012018)
									2018-05-01	2018-05-01	2018-05-01	2018-05-01	2018-05-01
									R1804011-008	480-135288-9	R1804011-005	480-135288-6	R1804011-004
									SO	SO	SO	SO	SO
									FD	FD	N	N	N
									Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.3	na	8.1	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	1870	na	1540	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na		

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057 DUP (42-44) (05012018) 2018-05-01 R1804011-008 SO FD Y	JS-B-057 DUP (42-44) (05012018)-20180501 2018-05-01 480-135288-9 SO FD Y	JS-B-057 JS-B-057 (10.5-11) (05012018) 2018-05-01 R1804011-005 SO N Y	JS-B-057 JS-B-057 (10.5-11) (05012018)-20180501 2018-05-01 480-135288-6 SO N Y	JS-B-057 JS-B-057 (10-10.5) (05012018) 2018-05-01 R1804011-004 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	4.6 U	na	6.5 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	4.6 U	na	6.5 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	4.6 U	na	6.5 U	na
1,1,2-Trichloroethane	ug/kg								na	4.6 U	na	6.5 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	4.6 U	na	6.5 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	4.6 U	na	6.5 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	4.6 U	na	6.5 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	4.6 U	na	6.5 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	4.6 U	na	6.5 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	4.6 U	na	0.54 J	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	4.6 U	na	6.5 U	na
1,2-Dichloropropane	ug/kg								na	4.6 U	na	6.5 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	4.6 U	na	6.5 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	4.6 U	na	6.5 U	na
2-Hexanone	ug/kg								na	23 U	na	32 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	19 J	na	20 J	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	4.6 U	na	6.5 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	4.6 U	na	6.5 U	na
Bromoform	ug/kg								na	4.6 U	na	6.5 U	na
Bromomethane	ug/kg								na	4.6 U	na	6.5 U	na
Carbon Disulfide	ug/kg								na	4.6 U	na	6.5 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	4.6 U	na	6.5 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	4.6 U	na	6.5 U	na
Chloroethane	ug/kg								na	4.6 U	na	6.5 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	4.6 U	na	6.5 U	na
Chloromethane	ug/kg								na	4.6 U	na	6.5 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	4.6 U	na	6.5 U	na
Cis-1,3-Dichloropropene	ug/kg								na	4.6 U	na	6.5 U	na
Cyclohexane	ug/kg								na	4.6 U	na	6.5 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	4.6 U	na	6.5 U	na
Dichlorodifluoromethane	ug/kg								na	4.6 U	na	6.5 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	4.6 U	na	6.5 U	na
Isopropylbenzene (Cumene)	ug/kg								na	4.6 U	na	6.5 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	23 U	na	32 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	23 U	na	32 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	23 U	na	32 U	na
Methylcyclohexane	ug/kg								na	4.6 U	na	6.5 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	4.6 U	na	6.5 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	4.6 U	na	6.5 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	4.6 U	na	6.5 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	4.6 U	na	6.5 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	4.6 U	na	6.5 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	4.6 U	na	6.5 U	na
Trans-1,3-Dichloropropene	ug/kg								na	4.6 U	na	6.5 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	4.6 U	na	6.4 J	na
Trichlorofluoromethane	ug/kg								na	4.6 U	na	6.5 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	4.6 U	na	6.5 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	9.3 U	na	13 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-057 JS-B-057 (10-10.5) (05012018)-20180501 2018-05-01 480-135288-5 SO N Y	JS-B-057 JS-B-057 (11-12) (05012018) 2018-05-01 R1804011-006 SO N Y	JS-B-057 JS-B-057 (11-12) (05012018)-20180501 2018-05-01 480-135288-7 SO N Y	JS-B-057 JS-B-057 (42-44) (05012018) 2018-05-01 R1804011-007 SO N Y	JS-B-057 JS-B-057 (42-44) (05012018)-20180501 2018-05-01 480-135288-8 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRS	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
1,1,2,2-Tetrachloroethane	ug/kg								7.8 U	na	100 U	na	5.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								7.8 U	na	100 U	na	5.3 U
1,1,2-Trichloroethane	ug/kg								7.8 U	na	100 U	na	5.3 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		7.8 U	na	100 U	na	5.3 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								7.8 U	na	100 U	na	5.3 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								7.8 U	na	100 U	na	5.3 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								7.8 U	na	100 U	na	5.3 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	7.8 U	na	100 U	na	5.3 U
1,2-Dichloropropane	ug/kg								7.8 U	na	100 U	na	5.3 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		7.8 U	na	100 U	na	5.3 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	7.8 U	na	100 U	na	5.3 U
2-Hexanone	ug/kg								39 U	na	520 U	na	27 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	20 J	na	520 U	na	25 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	7.8 U	na	100 U	na	5.3 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								7.8 U	na	100 U	na	5.3 U
Bromoform	ug/kg								7.8 U	na	100 U	na	5.3 U
Bromomethane	ug/kg								7.8 U	na	100 U	na	5.3 U
Carbon Disulfide	ug/kg								7.8 U	na	100 U	na	5.3 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		7.8 U	na	100 U	na	5.3 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	7.8 U	na	100 U	na	5.3 U
Chloroethane	ug/kg								7.8 U	na	100 UJ	na	5.3 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	7.8 U	na	100 U	na	5.3 U
Chloromethane	ug/kg								7.8 U	na	100 UJ	na	5.3 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
Cis-1,3-Dichloropropene	ug/kg								7.8 U	na	100 U	na	5.3 U
Cyclohexane	ug/kg								7.8 U	na	100 U	na	5.3 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								7.8 U	na	100 U	na	5.3 U
Dichlorodifluoromethane	ug/kg								7.8 U	na	100 UJ	na	5.3 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		7.8 U	na	100 U	na	5.3 U
Isopropylbenzene (Cumene)	ug/kg								7.8 U	na	100 U	na	5.3 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								39 U	na	520 U	na	27 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	39 U	na	520 U	na	27 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								39 U	na	520 U	na	27 U
Methylcyclohexane	ug/kg								7.8 U	na	100 U	na	5.3 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	7.8 U	na	100 U	na	5.3 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								7.8 U	na	100 U	na	5.3 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	7.8 U	na	100 U	na	5.3 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	7.8 U	na	100 U	na	5.3 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		7.8 U	na	100 U	na	5.3 U
Trans-1,3-Dichloropropene	ug/kg								7.8 U	na	100 U	na	5.3 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	3.3 J	na	1000	na	5.3 U
Trichlorofluoromethane	ug/kg								7.8 U	na	100 UJ	na	5.3 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		7.8 U	na	100 UJ	na	5.3 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	16 U	na	210 U	na	11 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 JS-B-058 (10.25-12) (05022018) 2018-05-02 R1804011-012 SO N Y	JS-B-058 JS-B-058 (10.25-12) (05022018)-20180502 2018-05-02 480-135288-13 SO N Y	JS-B-058 JS-B-058 (10-10.25) (05022018) 2018-05-02 R1804011-011 SO N Y	JS-B-058 JS-B-058 (10-10.25) (05022018)-20180502 2018-05-02 480-135288-12 SO N Y	JS-B-058 JS-B-058 (47.5-48) (05022018) 2018-05-02 R1804011-013 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRS	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8	na	na	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	2300	na	na	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		na	na	na	na	na
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	na	na	na	na	na
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		na	na	na	na	na
Benzo(G,H,I)Perylene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na
Benzo(K)Fluoranthene	ug/kg	800	1700	1000	3900	56000	110000		na	na	na	na	na
Benzyl Butyl Phthalate	ug/kg								na	na	na	na	na
Biphenyl (Diphenyl)	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 JS-B-058 (10.25-12) (05022018) 2018-05-02 R1804011-012 SO N Y	JS-B-058 JS-B-058 (10.25-12) (05022018)-20180502 2018-05-02 480-135288-13 SO N Y	JS-B-058 JS-B-058 (10-10.25) (05022018) 2018-05-02 R1804011-011 SO N Y	JS-B-058 JS-B-058 (10-10.25) (05022018)-20180502 2018-05-02 480-135288-12 SO N Y	JS-B-058 JS-B-058 (47.5-48) (05022018) 2018-05-02 R1804011-013 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	4.6 U	na	8.1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	4.6 U	na	8.1 U	na
1,1,2-Trichloroethane	ug/kg								na	4.6 U	na	8.1 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	4.6 U	na	8.1 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	4.6 U	na	8.1 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	4.6 U	na	8.1 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	4.6 U	na	8.1 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	4.6 U	na	8.1 U	na
1,2-Dichloropropane	ug/kg								na	4.6 U	na	8.1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	4.6 U	na	8.1 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	4.6 U	na	8.1 U	na
2-Hexanone	ug/kg								na	23 U	na	40 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	15 J	na	42	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	4.6 U	na	8.1 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								na	4.6 U	na	8.1 U	na
Bromoform	ug/kg								na	4.6 U	na	8.1 U	na
Bromomethane	ug/kg								na	4.6 U	na	8.1 U	na
Carbon Disulfide	ug/kg								na	4.6 U	na	8.1 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	4.6 U	na	8.1 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	4.6 U	na	8.1 U	na
Chloroethane	ug/kg								na	4.6 U	na	8.1 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	4.6 U	na	8.1 U	na
Chloromethane	ug/kg								na	4.6 U	na	8.1 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
Cis-1,3-Dichloropropene	ug/kg								na	4.6 U	na	8.1 U	na
Cyclohexane	ug/kg								na	4.6 U	na	8.1 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								na	4.6 U	na	8.1 U	na
Dichlorodifluoromethane	ug/kg								na	4.6 U	na	8.1 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	4.6 U	na	8.1 U	na
Isopropylbenzene (Cumene)	ug/kg								na	4.6 U	na	8.1 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								na	23 U	na	40 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	23 U	na	40 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	23 U	na	40 U	na
Methylcyclohexane	ug/kg								na	4.6 U	na	8.1 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	4.6 U	na	8.1 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								na	4.6 U	na	8.1 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	4.6 U	na	8.1 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	4.6 U	na	8.1 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	4.6 U	na	8.1 U	na
Trans-1,3-Dichloropropene	ug/kg								na	4.6 U	na	8.1 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	4.6 U	na	4.3 J	na
Trichlorofluoromethane	ug/kg								na	4.6 U	na	8.1 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	4.6 U	na	8.1 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	9.1 U	na	16 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 (47.5-48) (05022018)-20180502 2018-05-02 480-135288-14 SO N Y	JS-B-059 (4-6) (05022018)-20180502 2018-05-02 480-135362-1 SO N Y	JS-B-059 (4-6)(05020018) 2018-05-02 R1804101-001 SO N Y	JS-B-060 (10-12) (05022018)-20180502 2018-05-02 480-135362-2 SO N Y	JS-B-060 (10-12)(05022018) 2018-05-02 R1804101-002 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								8.3	11.1	na	8.4	na
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								2690	11300	na	3100	na
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-058 JS-B-058 (47.5-48) (05022018)-20180502 2018-05-02 480-135288-14 SO N Y	JS-B-059 JS-B-059 (4-6) (05022018)-20180502 2018-05-02 480-135362-1 SO N Y	JS-B-059 JS-B-059(4-6)(05020018) 2018-05-02 R1804101-001 SO N Y	JS-B-060 JS-B-060 (10-12) (05022018)-20180502 2018-05-02 480-135362-2 SO N Y	JS-B-060 JS-B-060(10-12)(05022018) 2018-05-02 R1804101-002 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		8.3 U	600 U	na	80 U	na
1,1,2,2-Tetrachloroethane	ug/kg								8.3 U	600 U	na	80 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								8.3 U	600 U	na	80 U	na
1,1,2-Trichloroethane	ug/kg								8.3 U	600 U	na	80 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		8.3 U	600 U	na	80 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		8.3 U	600 U	na	97	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								8.3 U	600 U	na	80 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								8.3 U	600 U	na	80 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								8.3 U	600 U	na	80 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		8.3 U	600 U	na	80 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	8.3 U	600 U	na	80 U	na
1,2-Dichloropropane	ug/kg								8.3 U	600 U	na	80 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		8.3 U	600 U	na	80 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	8.3 U	600 U	na	80 U	na
2-Hexanone	ug/kg								41 U	3000 U	na	400 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	27 J	3000 U	na	400 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	8.3 U	600 U	na	80 U	na
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								8.3 U	600 U	na	80 U	na
Bromoform	ug/kg								8.3 U	600 U	na	80 U	na
Bromomethane	ug/kg								8.3 U	600 U	na	80 U	na
Carbon Disulfide	ug/kg								8.3 U	600 U	na	80 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		8.3 U	600 U	na	80 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	8.3 U	600 U	na	80 U	na
Chloroethane	ug/kg								8.3 U	600 UJ	na	80 UJ	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	8.3 U	600 U	na	80 U	na
Chloromethane	ug/kg								8.3 U	600 UJ	na	80 UJ	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		8.3 U	600 U	na	2400	na
Cis-1,3-Dichloropropene	ug/kg								8.3 U	600 U	na	80 U	na
Cyclohexane	ug/kg								8.3 U	600 U	na	80 U	na
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								8.3 U	600 U	na	80 U	na
Dichlorodifluoromethane	ug/kg								8.3 U	600 UJ	na	80 UJ	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		8.3 U	600 U	na	80 U	na
Isopropylbenzene (Cumene)	ug/kg								8.3 U	600 U	na	80 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								41 U	2500 J	na	400 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	41 U	3000 U	na	400 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								41 U	3000 U	na	400 U	na
Methylcyclohexane	ug/kg								8.3 U	600 U	na	80 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	8.3 U	600 U	na	80 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								8.3 U	600 U	na	80 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		8.3 U	600 U	na	80 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	8.3 U	600 U	na	80 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	8.3 U	600 U	na	80 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		8.3 U	600 U	na	80 U	na
Trans-1,3-Dichloropropene	ug/kg								8.3 U	600 U	na	80 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	8.3 U	840	na	4800	na
Trichlorofluoromethane	ug/kg								8.3 U	600 UJ	na	80 UJ	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		8.3 U	600 UJ	na	80 UJ	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	17 U	1200 U	na	160 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-B-061 DUP (12-14) (05022018)-20180502 2018-05-02 480-135362-6 SO FD Y	JS-B-061 DUP(12-14)(05022018) 2018-05-02 R1804101-004 SO FD Y	JS-B-061 (12-14) (05022018)-20180502 2018-05-02 480-135362-3 SO N Y	JS-B-061 (12-14)(05022018) 2018-05-02 R1804101-003 SO N Y	JS-CULVERT-EP-01 (02242020)-20200224 2020-02-24 460-203699-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		8.6 U	na	6.2 U	na	21000
1,1,2,2-Tetrachloroethane	ug/kg								8.6 U	na	6.2 U	na	58 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								8.6 U	na	6.2 U	na	58 U
1,1,2-Trichloroethane	ug/kg								8.6 U	na	6.2 U	na	57 J
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		2.4 J	na	3.1 J	na	58 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		8.6 U	na	6.2 U	na	55 J
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								8.6 U	na	6.2 U	na	58 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								8.6 U	na	6.2 U	na	58 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								8.6 U	na	6.2 U	na	58 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		8.6 U	na	6.2 U	na	58 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	8.6 U	na	6.2 U	na	58 U
1,2-Dichloropropane	ug/kg								8.6 U	na	6.2 U	na	58 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		8.6 U	na	6.2 U	na	58 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	8.6 U	na	6.2 U	na	58 U
2-Hexanone	ug/kg								43 U	na	31 U	na	290 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	26 J	na	24 J	na	290 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	8.6 U	na	6.2 U	na	58 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Bromoform	ug/kg								8.6 U	na	6.2 U	na	58 U
Bromomethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Carbon Disulfide	ug/kg								8.6 U	na	6.2 U	na	58 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		8.6 U	na	6.2 U	na	58 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	8.6 U	na	6.2 U	na	58 U
Chloroethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	8.6 U	na	6.2 U	na	58 U
Chloromethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		8.6 U	na	6.2 U	na	40 J
Cis-1,3-Dichloropropene	ug/kg								8.6 U	na	6.2 U	na	58 U
Cyclohexane	ug/kg								8.6 U	na	6.2 U	na	58 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Dichlorodifluoromethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		8.6 U	na	6.2 U	na	58 U
Isopropylbenzene (Cumene)	ug/kg								8.6 U	na	6.2 U	na	58 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								43 U	na	31 U	na	290 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	43 U	na	31 U	na	170 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								43 U	na	31 U	na	290 U
Methylcyclohexane	ug/kg								8.6 U	na	6.2 U	na	58 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	8.6 U	na	6.2 U	na	58 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								8.6 U	na	6.2 U	na	58 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		8.6 U	na	6.2 U	na	58 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	8.6 U	na	6.2 U	na	58 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	8.6 U	na	6.2 U	na	58 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		8.6 U	na	6.2 U	na	58 U
Trans-1,3-Dichloropropene	ug/kg								8.6 U	na	6.2 U	na	58 UJ
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	8.6 U	na	6.2 U	na	1500
Trichlorofluoromethane	ug/kg								8.6 U	na	6.2 U	na	58 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		8.6 U	na	6.2 U	na	58 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	17 U	na	12 U	na	120 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-CULVERT-EP-02	JS-CULVERT-EP-03	JS-CULVERT-EP-04	JS-CULVERT-EP-05	
									JS-CULVERT-EP-02 (02242020)-20200224	JS-CULVERT-EP-03 (02262020)-20200226	JS-CULVERT-EP-04 (02262020)-20200226	JS-CULVERT-EP-05 (02262020)-20200226	
									2020-02-24	2020-02-26	2020-02-26	2020-02-26	
									460-203699-2	460-203777-1	460-203777-2	460-203777-3	
									SO	SO	SO	SO	
									N	N	N	N	
									Y	Y	Y	Y	
Analyte		Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
Anions													
Alkalinity, Bicarbonate (As CaCO3)		mg/kg								na	na	na	na
Alkalinity, Carbonate (As CaCO3)		mg/kg								na	na	na	na
Chloride (As Cl)		mg/kg								na	na	na	na
Sulfate (As SO4)		mg/kg								na	na	na	na
Cations													
Calcium		mg/kg								na	na	na	na
Magnesium		mg/kg								na	na	na	na
Potassium		mg/kg								na	na	na	na
Sodium		mg/kg								na	na	na	na
General Chemistry													
Bicarbonate		mg/kg								na	na	na	na
Carbonate		mg/kg								na	na	na	na
Chloride		mg/kg								na	na	na	na
Nitrogen, Nitrate (As N)		mg/l								na	na	na	na
Nitrogen, Nitrite		mg/l								na	na	na	na
pH		ph units								na	na	na	na
Sulfate		mg/kg								na	na	na	na
Temperature		deg c								na	na	na	na
Total Organic Carbon		mg/kg								na	na	na	na
Metals, Total													
Aluminum		mg/kg								na	na	na	na
Antimony		mg/kg								na	na	na	na
Arsenic		mg/kg	13	16	16	16	16	16	13	na	na	na	na
Barium		mg/kg	350	820	350	400	400	10000	433	na	na	na	na
Beryllium		mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na
Cadmium		mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na
Calcium		mg/kg								na	na	na	na
Chromium, Total		mg/kg	30		36	180	1500	6800	41	na	na	na	na
Cobalt		mg/kg								na	na	na	na
Copper		mg/kg	50	1720	270	270	270	10000	50	na	na	na	na
Iron		mg/kg								na	na	na	na
Lead		mg/kg	63	450	400	400	1000	3900	63	na	na	na	na
Magnesium		mg/kg								na	na	na	na
Manganese		mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na
Mercury		mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na
Nickel		mg/kg	30	130	140	310	310	10000	30	na	na	na	na
Potassium		mg/kg								na	na	na	na
Selenium		mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na
Silver		mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na
Sodium		mg/kg								na	na	na	na
Thallium		mg/kg								na	na	na	na
Vanadium		mg/kg								na	na	na	na
Zinc		mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na
Other													
Cyanide		mg/kg	27	40	27	27	27	10000		na	na	na	na
Flash Point		deg f								na	na	na	na
Moisture, Percent		%								na	na	na	na
Total Fixed Solids		%								na	na	na	na
Total Volatile Solids		%								na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1221 (Aroclor 1221)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1232 (Aroclor 1232)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1242 (Aroclor 1242)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1248 (Aroclor 1248)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1254 (Aroclor 1254)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1260 (Aroclor 1260)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1262 (Aroclor 1262)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1268 (Aroclor 1268)		mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
Pesticides													
Aldrin		ug/kg	5	190	19	97	680	1400	140	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)		ug/kg	20	20	97	480	3400	6800	40	na	na	na	na
Alpha Endosulfan		ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)		ug/kg	36	90	72	360	3000	14000	600	na	na	na	na
Beta Endosulfan		ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na
cis-Chlordane		ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)		ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na
Dieldrin		ug/kg	5	100	39	200	1400	2800	6	na	na	na	na
Endosulfan Sulfate		ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na
Endrin		ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na
Endrin Aldehyde		ug/kg								na	na	na	na
Endrin Ketone		ug/kg								na	na	na	na
Gamma Bhc (Lindane)		ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na
Heptachlor		ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na
Heptachlor Epoxide		ug/kg								na	na	na	na
Methoxychlor		ug/kg								na	na	na	na
P,P'-DDD		ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na
P,P'-DDE		ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na
P,P'-DDT		ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na
Toxaphene		ug/kg								na	na	na	na
trans-Chlordane		ug/kg								na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene		ug/kg								na	na	na	na
1,4-Dioxane (P-Dioxane)		ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na
2,3,4,6-Tetrachlorophenol		ug/kg								na	na	na	na
2,4,5-Trichlorophenol		ug/kg								380 U	370 U	360 U	360 U
2,4,6-Trichlorophenol		ug/kg								150 U	150 U	150 U	150 U
2,4-Dichlorophenol		ug/kg								150 U	150 U	150 U	150 U
2,4-Dimethylphenol		ug/kg								380 U	370 U	360 U	360 U
2,4-Dinitrophenol		ug/kg								310 U	290 U	290 U	290 U
2,4-Dinitrotoluene		ug/kg								77 U	74 U	73 U	74 U
2,6-Dinitrotoluene		ug/kg								77 U	74 U	73 U	74 U
2-Chloronaphthalene		ug/kg											

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-CULVERT-EP-02 JS-CULVERT-EP-02 (02242020)-20200224 2020-02-24 460-203699-2 SO N Y	JS-CULVERT-EP-03 JS-CULVERT-EP-03 (02262020)-20200226 2020-02-26 460-203777-1 SO N Y	JS-CULVERT-EP-04 JS-CULVERT-EP-04 (02262020)-20200226 2020-02-26 460-203777-2 SO N Y	JS-CULVERT-EP-05 JS-CULVERT-EP-05 (02262020)-20200226 2020-02-26 460-203777-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
VOCs												
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		71000	500	54000 J	3400
1,1,2,2-Tetrachloroethane	ug/kg								240 U	1 U	230 U	45 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								240 U	1 U	230 UJ	45 UJ
1,1,2-Trichloroethane	ug/kg								120 J	2.9	77 J	18 J
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		150 J	0.66 J	360 J	45 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		150 J	0.9 J	190 J	45 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								240 U	1 U	230 U	45 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								240 U	1 U	230 U	45 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								240 U	1 U	230 U	45 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		240 U	1 U	230 U	45 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	240 U	0.35 J	230 U	45 U
1,2-Dichloropropane	ug/kg								240 U	1 U	230 U	45 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		240 U	1 U	230 U	45 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	240 U	1 U	230 U	45 U
2-Hexanone	ug/kg								1200 U	5.2 U	1100 U	230 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	1200 U	6.3 U	1100 U	230 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	240 U	1 U	230 U	45 U
Bromochloromethane	ug/kg								na	na	na	na
Bromodichloromethane	ug/kg								240 U	1 U	230 U	45 U
Bromoform	ug/kg								240 U	1 U	230 U	45 U
Bromomethane	ug/kg								240 U	1 U	230 U	45 U
Carbon Disulfide	ug/kg								240 U	1 U	230 U	45 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		240 U	1 U	230 U	45 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	240 U	1 U	230 U	45 U
Chloroethane	ug/kg								240 U	1 U	230 U	45 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	240 U	1 U	230 U	45 U
Chloromethane	ug/kg								240 U	1 U	230 U	45 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		120 J	1.6	1200 J	58
Cis-1,3-Dichloropropene	ug/kg								240 U	1 U	230 U	45 U
Cyclohexane	ug/kg								240 U	1 U	230 U	45 U
Cymene	ug/kg								na	na	na	na
Dibromochloromethane	ug/kg								240 U	1 U	230 U	45 U
Dichlorodifluoromethane	ug/kg								240 U	1 U	230 U	45 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		240 U	1 U	230 U	45 U
Isopropylbenzene (Cumene)	ug/kg								240 U	1 U	230 U	45 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na
Methyl Acetate	ug/kg								1200 U	5.2 U	1100 U	230 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	1200 U	5.2 U	1100 U	230 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								1200 U	5.2 U	1100 U	230 U
Methylcyclohexane	ug/kg								240 U	1 U	230 U	45 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	240 U	1 U	230 U	45 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na
Styrene	ug/kg								240 U	1 U	230 U	45 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		240 U	1 U	230 U	45 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	240 U	1 U	190 J	20 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	430	3.7	210 J	42 J
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		240 U	1 U	84 J	45 U
Trans-1,3-Dichloropropene	ug/kg								240 UJ	1 U	230 UJ	45 UJ
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	15000	240	110000 J	4100
Trichlorofluoromethane	ug/kg								240 U	1 U	230 U	45 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		240 U	1 U	230 U	45 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	180 J	2.1 U	450 U	91 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-CULVERT-EP-06 JS-CULVERT-EP-06 (02262020)-20200226 2020-02-26 460-203777-4 SO N Y	JS-CULVERT-EP-07 JS-CULVERT-EP-07 (02262020)-20200226 2020-02-26 460-203777-5 SO N Y	JS-CULVERT-EP-08 JS-CULVERT-EP-08 (02262020)-20200226 2020-02-26 460-203777-6 SO N Y	JS-MW-001D JS-MW-001D(0.2-1)(08272019) 2019-08-27 1141909 SO N Y	JS-MW-001D JS-MW-001D(0.2-1)(08272019) 2019-08-27 480-158324-10 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	na	na	na	8.5
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	24200
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	7.3	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	210 U
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								370 U	380 U	360 U	na	na
2,4,6-Trichlorophenol	ug/kg								150 U	150 U	150 U	na	na
2,4-Dichlorophenol	ug/kg								150 U	150 U	150 U	na	na
2,4-Dimethyl													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-CULVERT-EP-06 JS-CULVERT-EP-06 (02262020)-20200226 2020-02-26 460-203777-4 SO N Y	JS-CULVERT-EP-07 JS-CULVERT-EP-07 (02262020)-20200226 2020-02-26 460-203777-5 SO N Y	JS-CULVERT-EP-08 JS-CULVERT-EP-08 (02262020)-20200226 2020-02-26 460-203777-6 SO N Y	JS-MW-001D JS-MW-001D(0.2-1)(08272019) 2019-08-27 1141909 SO N Y	JS-MW-001D JS-MW-001D(0.2-1)(08272019) 2019-08-27 480-158324-10 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5300	40000	86000 J	na	5.4 U
1,1,2,2-Tetrachloroethane	ug/kg								58 U	180 U	500 U	na	5.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								58 UJ	180 U	500 UJ	na	5.4 U
1,1,2-Trichloroethane	ug/kg								120	71 J	170 J	na	5.4 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		36 J	110 J	500 U	na	5.4 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		32 J	180 U	500 U	na	5.4 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								58 U	180 U	500 U	na	5.4 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								58 U	180 U	500 U	na	5.4 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								58 U	180 U	500 U	na	5.4 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		58 U	180 U	500 U	na	5.4 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	31 J	180 U	500 U	na	5.4 U
1,2-Dichloropropane	ug/kg								58 U	180 U	500 U	na	5.4 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		58 U	180 U	500 U	na	5.4 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	58 U	180 U	500 U	na	5.4 U
2-Hexanone	ug/kg								290 U	920 U	2500 U	na	27 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	290 U	920 U	2500 U	na	84
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	58 U	180 U	500 U	na	5.4 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Bromoform	ug/kg								58 U	180 U	500 U	na	5.4 U
Bromomethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Carbon Disulfide	ug/kg								58 U	180 U	500 U	na	5.4 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		58 U	180 U	500 U	na	5.4 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	58 U	180 U	500 U	na	5.4 U
Chloroethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	58 U	180 U	500 U	na	5.4 U
Chloromethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		200	340	250 J	na	5.4 U
Cis-1,3-Dichloropropene	ug/kg								58 U	180 U	500 U	na	5.4 U
Cyclohexane	ug/kg								16 J	180 U	500 U	na	5.4 U
Cymene	ug/kg								na	na	na	na	na
Dibromochloromethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Dichlorodifluoromethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		37 J	180 U	500 U	na	5.4 U
Isopropylbenzene (Cumene)	ug/kg								58 U	180 U	500 U	na	5.4 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								290 U	920 U	2500 U	na	27 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	290 U	920 U	2500 U	na	27 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								290 U	920 U	2500 U	na	27 U
Methylcyclohexane	ug/kg								16 J	180 U	500 U	na	5.4 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	20 J	180 U	500 U	na	5.4 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na
Styrene	ug/kg								58 U	180 U	500 U	na	5.4 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		58 U	180 U	500 U	na	5.4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	58 U	180 U	500 U	na	5.4 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	330	180 U	600 J	na	5.4 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		26 J	34 J	500 U	na	5.4 U
Trans-1,3-Dichloropropene	ug/kg								58 UJ	180 UJ	500 UJ	na	5.4 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	16000	29000	37000 J	na	5.4 U
Trichlorofluoromethane	ug/kg								58 U	180 U	500 U	na	5.4 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		58 U	180 U	500 U	na	5.4 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	150	370 U	1000 U	na	11 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 1141908 SO N Y	JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 480-158324-9 SO N Y	JS-MW-001D JS-MW-001D(15-16)(08282019) 2019-08-28 480-158437-4 SO N Y	JS-MW-001D JS-MW-001D(19-20)(08282019) 2019-08-28 480-158437-5 SO N Y	JS-MW-001D JS-MW-001D(7-8)(08282019) 2019-08-28 480-158437-3 SO N Y	JS-MW-001D JS-MW-001D(40-45)(09122019) 2019-09-12 480-159206-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	9.1	7.9	7.8	8.1	9.9
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	48500	1650	2410	5670	1750 J
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f									na	na	na	na	na
Moisture, Percent	%								5.2	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	10												

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 1141908 SO N Y	JS-MW-001D JS-MW-001D(0-0.2)(08272019) 2019-08-27 480-158324-9 SO N Y	JS-MW-001D JS-MW-001D(15-16)(08282019) 2019-08-28 480-158437-4 SO N Y	JS-MW-001D JS-MW-001D(19-20)(08282019) 2019-08-28 480-158437-5 SO N Y	JS-MW-001D JS-MW-001D(7-8)(08282019) 2019-08-28 480-158437-3 SO N Y	JS-MW-001D JS-MW-001D(40-45)(09122019) 2019-09-12 480-159206-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	3.2 U	160 U	1300 U	1900	190 J
1,1,2,2-Tetrachloroethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	3.2 U	160 UJ	1300 UJ	200 UJ	490 U
1,1,2-Trichloroethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	3.2 U	150 J	1300 U	89 J	490 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	3.2 U	160 UJ	1300 UJ	200 UJ	490 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	3.2 U	160 U	1300 U	200 U	490 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	3.2 U	160 U	1300 U	200 U	490 U
1,2-Dichloropropane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	3.2 U	160 U	1300 U	200 U	490 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	3.2 U	160 U	1300 U	200 U	490 U
2-Hexanone	ug/kg								na	16 U	810 U	6400 U	990 U	2400 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	65	810 U	6400 U	990 U	2400 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	3.2 U	160 U	1300 U	200 U	490 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Bromoform	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Bromomethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Carbon Disulfide	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	3.2 U	160 U	1300 U	200 U	490 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	3.2 U	160 U	1300 U	200 U	490 U
Chloroethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	3.2 U	160 U	1300 U	200 U	490 U
Chloromethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	3.2 U	160 U	1300 U	170 J	180 J
Cis-1,3-Dichloropropene	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Cyclohexane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Dichlorodifluoromethane	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	3.2 U	160 U	1300 U	200 U	490 U
Isopropylbenzene (Cumene)	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	16 U	810 U	6400 U	990 U	2400 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	16 U	810 U	6400 U	990 U	2400 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	16 U	810 U	6400 U	990 U	2400 U
Methylcyclohexane	ug/kg								na	3.2 U	160 UJ	1300 UJ	200 UJ	490 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	3.2 U	160 U	1300 U	200 U	490 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	3.2 U	160 U	1300 U	200 U	490 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	3.2 U	160 U	1300 U	200 U	490 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	3.2 U	160 U	1300 U	200 U	490 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	3.2 U	160 U	1300 U	200 U	490 U
Trans-1,3-Dichloropropene	ug/kg								na	3.2 U	160 U	1300 U	200 U	490 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	3.2 U	7600	76000	12000	24000
Trichlorofluoromethane	ug/kg								na	3.2 U	160 UJ	1300 UJ	200 UJ	490 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	3.2 U	160 U	1300 U	200 U	490 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	6.4 U	320 U	2500 U	390 U	980 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(65-66) (09132019) 2019-09-13 480-159206-2 SO N Y	JS-MW-001D JS-MW-001D(90-91) (09132019) 2019-09-13 480-159206-3 SO N Y	JS-MW-003D JS-MW-003D(0.2-1)(08272019) 2019-08-27 1141905 SO N Y	JS-MW-003D JS-MW-003D(0.2-1)(08272019) 2019-08-27 480-158324-6 SO N Y	JS-MW-003D JS-MW-003D(0-0.2)(08272019) 2019-08-27 1141904 SO N Y	JS-MW-003D JS-MW-003D(0-0.2)(08272019) 2019-08-27 480-158324-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								9	8.7	na	8.2	na	8.1
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								3020 J	3740 J	na	35200	na	41100
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	20.1	na	6.9	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100												

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-001D JS-MW-001D(65-66) (09132019) 2019-09-13 480-159206-2 SO N Y	JS-MW-001D JS-MW-001D(90-91) (09132019) 2019-09-13 480-159206-3 SO N Y	JS-MW-003D JS-MW-003D(0.2-1)(08272019) 2019-08-27 1141905 SO N Y	JS-MW-003D JS-MW-003D(0.2-1)(08272019) 2019-08-27 480-158324-6 SO N Y	JS-MW-003D JS-MW-003D(0.0-2)(08272019) 2019-08-27 1141904 SO N Y	JS-MW-003D JS-MW-003D(0.0-2)(08272019) 2019-08-27 480-158324-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1100 U	150 J	na	150	na	120
1,1,2,2-Tetrachloroethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,1,2-Trichloroethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1100 U	200 J	na	89 U	na	85 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1100 U	210 J	na	89 U	na	85 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1100 U	510 U	na	89 U	na	85 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1100 U	510 U	na	89 U	na	85 U
1,2-Dichloropropane	ug/kg								1100 U	510 U	na	89 U	na	85 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1100 U	510 U	na	89 U	na	85 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1100 U	510 U	na	89 U	na	85 U
2-Hexanone	ug/kg								5700 U	2600 U	na	450 U	na	420 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	5700 U	2600 U	na	450 U	na	420 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	1100 U	510 U	na	89 U	na	85 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Bromoform	ug/kg								1100 U	510 U	na	89 U	na	85 U
Bromomethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Carbon Disulfide	ug/kg								1100 U	510 U	na	89 U	na	85 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1100 U	510 U	na	89 U	na	85 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1100 U	510 U	na	89 U	na	85 U
Chloroethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1100 U	510 U	na	89 U	na	85 U
Chloromethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1100 U	510 U	na	89 U	na	85 U
Cis-1,3-Dichloropropene	ug/kg								1100 U	510 U	na	89 U	na	85 U
Cyclohexane	ug/kg								1100 U	510 U	na	89 UJ	na	85 UJ
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Dichlorodifluoromethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1100 U	510 U	na	27 J	na	85 U
Isopropylbenzene (Cumene)	ug/kg								1100 U	510 U	na	89 U	na	85 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								5700 U	2600 U	na	450 U	na	220 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	5700 U	2600 U	na	450 U	na	420 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								5700 U	2600 U	na	450 U	na	420 U
Methylcyclohexane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	1100 U	510 U	na	89 U	na	85 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								1100 U	510 U	na	89 U	na	85 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		1100 U	510 U	na	89 U	na	85 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1100 U	510 U	na	230	na	38 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1100 U	510 U	na	33 J	na	85 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		1100 U	510 U	na	89 U	na	85 U
Trans-1,3-Dichloropropene	ug/kg								1100 U	510 U	na	89 U	na	85 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	36000	31000	na	4500	na	2300
Trichlorofluoromethane	ug/kg								1100 U	510 U	na	89 U	na	85 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1100 U	510 U	na	89 U	na	85 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	2300 U	1000 U	na	87 J	na	48 J

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-003D JS-MW-003D(19-20)(08282019) 2019-08-28 480-158437-2 SO N Y	JS-MW-003D JS-MW-003D(8-9)(08282019) 2019-08-28 480-158437-1 SO N Y	JS-MW-003D JS-MW-003D(48-50)(09112019) 2019-09-11 480-159157-1 SO N Y	JS-MW-003D JS-MW-003D(128-129)(09122019) 2019-09-12 480-159157-2 SO N Y	JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 1141907 SO N Y	JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 480-158324-8 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	
Cations															
Calcium	mg/kg								na	na	na	na	na	na	
Magnesium	mg/kg								na	na	na	na	na	na	
Potassium	mg/kg								na	na	na	na	na	na	
Sodium	mg/kg								na	na	na	na	na	na	
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	
Carbonate	mg/kg								na	na	na	na	na	na	
Chloride	mg/kg								na	na	na	na	na	na	
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	
pH	ph units								8	7.9	8.6	8.6	na	8.3	
Sulfate	mg/kg								na	na	na	na	na	na	
Temperature	deg c								na	na	na	na	na	na	
Total Organic Carbon	mg/kg								3240	22900	2130	1690	na	36400	
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	
Antimony	mg/kg								na	na	na	na	na	na	
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	
Calcium	mg/kg								na	na	na	na	na	na	
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	
Cobalt	mg/kg								na	na	na	na	na	na	
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	
Iron	mg/kg								na	na	na	na	na	na	
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	
Magnesium	mg/kg								na	na	na	na	na	na	
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	
Potassium	mg/kg								na	na	na	na	na	na	
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	
Sodium	mg/kg								na	na	na	na	na	na	
Thallium	mg/kg								na	na	na	na	na	na	
Vanadium	mg/kg								na	na	na	na	na	na	
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	
Flash Point	deg f								na	na	na	na	na	na	
Moisture, Percent	%								na	na	na	na	8.3	na	
Total Fixed Solids	%								na	na	na	na	na	na	
Total Volatile Solids	%								na	na	na	na	na	na	
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	
Endrin Ketone	ug/kg								na	na	na	na	na	na	
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	
Methoxychlor	ug/kg								na	na	na	na	na	na	
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na	
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na	
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na	
Toxaphene	ug/kg								na	na	na	na	na	na	
trans-Chlordane	ug/kg								na	na	na	na	na	na	
SVOCs															
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na	
1,4-Dioxane (P-Dioxane)	ug/kg	100													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-003D JS-MW-003D(19-20)(08282019) 2019-08-28 480-158437-2 SO N Y	JS-MW-003D JS-MW-003D(8-9)(08282019) 2019-08-28 480-158437-1 SO N Y	JS-MW-003D JS-MW-003D(48-50)(09112019) 2019-08-11 480-159157-1 SO N Y	JS-MW-003D JS-MW-003D(128-129)(09122019) 2019-09-12 480-159157-2 SO N Y	JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 1141907 SO N Y	JS-MW-004D JS-MW-004D(0.2-1)(08272019) 2019-08-27 480-158324-8 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		3900 U	340	200 J	4 UJ	na	78 U
1,1,2,2-Tetrachloroethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3900 UJ	210 UJ	310 U	4 UJ	na	78 U
1,1,2-Trichloroethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		3900 U	210 U	290 J	4 UJ	na	78 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		3900 UJ	210 UJ	340	4 UJ	na	78 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		3900 U	210 U	310 U	4 UJ	na	78 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	3900 U	210 U	310 U	4 UJ	na	78 U
1,2-Dichloropropane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		3900 U	210 U	310 U	4 UJ	na	78 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	3900 U	210 U	310 U	4 UJ	na	78 U
2-Hexanone	ug/kg								20000 U	1100 U	1600 U	20 UJ	na	390 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	20000 U	1100 U	1600 U	71 J	na	390 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	3900 U	210 U	310 U	4 UJ	na	78 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Bromoform	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Bromomethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Carbon Disulfide	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		3900 U	210 U	310 U	4 UJ	na	78 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	3900 U	210 U	310 U	4 UJ	na	78 U
Chloroethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	3900 U	210 U	310 U	4 UJ	na	78 U
Chloromethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		3900 U	210 U	310 U	4 UJ	na	78 U
Cis-1,3-Dichloropropene	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Cyclohexane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 UJ
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Dichlorodifluoromethane	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		3900 U	210 U	310 U	4 UJ	na	78 U
Isopropylbenzene (Cumene)	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								20000 U	1100 U	1600 U	20 UJ	na	220 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	20000 U	1100 U	1600 U	20 UJ	na	390 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								20000 U	1100 U	1600 U	20 UJ	na	390 U
Methylcyclohexane	ug/kg								3900 UJ	210 UJ	310 U	4 UJ	na	78 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3900 U	210 U	310 U	4 UJ	na	78 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		3900 U	210 U	310 U	4 UJ	na	78 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	3900 U	1400	310 U	4 UJ	na	78 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	3900 U	210 U	310 U	1.7 J	na	78 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		3900 U	210 U	310 U	4 UJ	na	78 U
Trans-1,3-Dichloropropene	ug/kg								3900 U	210 U	310 U	4 UJ	na	78 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	350000	9500	15000	4 UJ	na	3900
Trichlorofluoromethane	ug/kg								3900 UJ	210 UJ	310 U	4 UJ	na	78 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		3900 U	210 U	310 U	4 UJ	na	78 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	7800 U	420 U	620 U	8 UJ	na	160 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 1141906 SO N Y	JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 480-158324-7 SO N Y	JS-MW-004D DUP-01-08282019 2019-08-28 1141911 SO FD Y	JS-MW-004D DUP-01-08282019 2019-08-28 480-158324-12 SO FD Y	JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 1141912 SO N Y	JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 480-158324-13 SO N Y	JS-MW-004D JS-MW-004D(7-8)(08282019) 2019-08-28 1141910 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	8.2	na	12.3	na	8.6	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	43900	na	5840	na	3180	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								8.3	na	14	na	41.5	na	12.7
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900										

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 1141906 SO N Y	JS-MW-004D JS-MW-004D(0-0.2)(08272019) 2019-08-27 480-158324-7 SO N Y	JS-MW-004D DUP-01-08282019 2019-08-28 1141911 SO FD Y	JS-MW-004D DUP-01-08282019 2019-08-28 480-158324-12 SO FD Y	JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 1141912 SO N Y	JS-MW-004D JS-MW-004D(11-12)(08282019) 2019-08-28 480-158324-13 SO N Y	JS-MW-004D JS-MW-004D(7-8)(08282019) 2019-08-28 1141910 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	98 U	na	97 U	na	6 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	98 U	na	97 U	na	6 U	na
1,1,2-Trichloroethane	ug/kg								na	98 U	na	97 U	na	6 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	98 U	na	97 U	na	6 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	98 U	na	97 U	na	6 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	98 U	na	97 U	na	6 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	98 U	na	97 U	na	6 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	98 U	na	97 U	na	6 U	na
1,2-Dichloropropane	ug/kg								na	98 U	na	97 U	na	6 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	98 U	na	97 U	na	6 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	98 U	na	97 U	na	6 U	na
2-Hexanone	ug/kg								na	490 U	na	490 U	na	30 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	490 U	na	490 U	na	50	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	98 U	na	97 U	na	6 U	na
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Bromoform	ug/kg								na	98 U	na	97 U	na	6 U	na
Bromomethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Carbon Disulfide	ug/kg								na	98 U	na	97 U	na	6 U	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	98 U	na	97 U	na	6 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	98 U	na	97 U	na	6 U	na
Chloroethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	98 U	na	97 U	na	6 U	na
Chloromethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
Cis-1,3-Dichloropropene	ug/kg								na	98 U	na	97 U	na	6 U	na
Cyclohexane	ug/kg								na	98 UJ	na	97 UJ	na	6 U	na
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Dichlorodifluoromethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	98 U	na	97 U	na	6 U	na
Isopropylbenzene (Cumene)	ug/kg								na	98 U	na	97 U	na	6 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	160 J	na	490 U	na	30 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	490 U	na	490 U	na	30 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	490 U	na	490 U	na	30 U	na
Methylcyclohexane	ug/kg								na	98 U	na	97 U	na	6 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	98 U	na	97 U	na	6 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								na	98 U	na	97 U	na	6 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	98 U	na	97 U	na	6 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	98 U	na	97 U	na	6 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	98 U	na	97 U	na	6 U	na
Trans-1,3-Dichloropropene	ug/kg								na	98 U	na	97 U	na	6 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	310	na	1100 J	na	6 U	na
Trichlorofluoromethane	ug/kg								na	98 U	na	97 U	na	6 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	98 U	na	97 U	na	6 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	200 U	na	190 U	na	12 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D	JS-MW-004D	JS-MW-004D	JS-MW-004D	JS-MW-004D
									JS-MW-004D(7-8)(08282019)	JS-MW-004D(138-140)(09102019)	JS-MW-004D(138-140)(09102019)	JS-MW-004D(62-64)(09102019)	JS-MW-004D(62-64)(09102019)
									2019-08-28	2019-09-10	2019-09-10	2019-09-10	2019-09-10
									480-158324-11	480-159081-2	480-159081-2	480-159081-1	480-159081-1
									SO	SO	SO	SO	SO
									N	N	N	N	N
									Y	N	Y	N	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								12.2	na	8.8	na	8.7
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								7060	na	2350	na	1890
Metals, Total													
Aluminum	mg/kg								na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na
Total Fixed Solids	%								na	99.1 BHT	na	99.2 BHT	na
Total Volatile Solids	%								na	0.93 HT	na	0.79 HT	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	230 UJ	na	230 U	na	220 U
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na</		

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-MW-004D JS-MW-004D(7-8)(08282019) 2019-08-28 480-158324-11 SO N Y	JS-MW-004D JS-MW-004D(138-140)(09102019) 2019-09-10 480-159081-2 SO N N	JS-MW-004D JS-MW-004D(138-140)(09102019) 2019-09-10 480-159081-2 SO N Y	JS-MW-004D JS-MW-004D(62-64)(09102019) 2019-09-10 480-159081-1 SO N N	JS-MW-004D JS-MW-004D(62-64)(09102019) 2019-09-10 480-159081-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		100 U	na	89 U	na	110
1,1,2,2-Tetrachloroethane	ug/kg								100 U	na	89 U	na	49 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								100 U	na	89 U	na	49 U
1,1,2-Trichloroethane	ug/kg								100 U	na	89 U	na	49 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		100 U	na	89 U	na	520
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		100 U	na	89 U	na	650
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								100 U	na	89 U	na	49 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	89 U	na	49 U
1,2-Dibromo-3-Chloropropane	ug/kg								100 U	na	89 U	na	49 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								100 U	na	89 U	na	49 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		100 U	na	89 U	na	49 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	100 U	na	89 U	na	49 U
1,2-Dichloropropane	ug/kg								100 U	na	89 U	na	49 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	89 U	na	49 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		100 U	na	89 U	na	49 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	100 U	na	89 U	na	49 U
2-Hexanone	ug/kg								520 U	na	450 U	na	250 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	520 U	na	450 U	na	250 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	100 U	na	89 U	na	49 U
Bromochloromethane	ug/kg								na	na	na	na	na
Bromodichloromethane	ug/kg								100 U	na	89 U	na	49 U
Bromoform	ug/kg								100 U	na	89 U	na	49 U
Bromomethane	ug/kg								100 U	na	89 U	na	49 U
Carbon Disulfide	ug/kg								100 U	na	89 U	na	49 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		100 U	na	89 U	na	49 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	100 U	na	89 U	na	49 U
Chloroethane	ug/kg								100 U	na	89 U	na	49 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	100 U	na	89 U	na	49 U
Chloromethane	ug/kg								100 U	na	89 U	na	49 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		100 U	na	89 U	na	49 U
Cis-1,3-Dichloropropene	ug/kg								100 U	na	89 U	na	49 U
Cyclohexane	ug/kg								100 UJ	na	89 U	na	49 U
Cymene	ug/kg								na	na	89 U	na	49 U
Dibromochloromethane	ug/kg								100 U	na	89 U	na	49 U
Dichlorodifluoromethane	ug/kg								100 U	na	89 U	na	49 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		100 U	na	89 U	na	49 U
Isopropylbenzene (Cumene)	ug/kg								100 U	na	89 U	na	49 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Methyl Acetate	ug/kg								100 J	na	450 U	na	250 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	520 U	na	450 U	na	250 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								520 U	na	450 U	na	250 U
Methylcyclohexane	ug/kg								100 U	na	89 U	na	49 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	100 U	na	89 U	na	49 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	89 U	na	49 U
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	89 U	na	49 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	89 U	na	49 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	89 U	na	49 U
Styrene	ug/kg								100 U	na	89 U	na	49 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	89 U	na	49 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		100 U	na	89 U	na	49 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	100 U	na	89 U	na	49 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	100 U	na	180	na	49 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		100 U	na	89 U	na	49 U
Trans-1,3-Dichloropropene	ug/kg								100 U	na	89 U	na	49 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	480 J	na	89 U	na	220
Trichlorofluoromethane	ug/kg								100 U	na	89 U	na	49 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		100 U	na	89 U	na	49 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	210 U	na	180 U	na	99 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-001 JS-SS-001(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490144 SO N N	JS-SS-001 JS-SS-001(0"-2") (07/21/2016)_07/21/2016 2016-07-21 8490144 SO N Y	JS-SS-001 JS-SS-001(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490145 SO N N	JS-SS-001 JS-SS-001(2"-12") (07/21/2016)_07/21/2016 2016-07-21 8490145 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
VOCs												
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
1,1,2,2-Tetrachloroethane	ug/kg								na	0.9 U	na	0.9 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U
1,1,2-Trichloroethane	ug/kg								na	0.9 U	na	0.9 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	0.9 U	na	0.9 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
1,2,3-Trichlorobenzene	ug/kg								na	0.9 U	na	0.9 U
1,2,4-Trichlorobenzene	ug/kg								na	0.9 U	na	0.9 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.9 U	na	0.9 U
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.9 U	na	0.9 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.9 U	na	0.9 U
1,2-Dichloropropane	ug/kg								na	0.9 U	na	0.9 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.9 U	na	0.9 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.9 U	na	0.9 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.9 U	na	0.9 U
2-Hexanone	ug/kg								na	3 U	na	3 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	170	na	47
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.5 U	na	0.4 U
Bromochloromethane	ug/kg								na	0.9 U	na	0.9 U
Bromodichloromethane	ug/kg								na	0.9 U	na	0.9 U
Bromoform	ug/kg								na	0.9 U	na	0.9 U
Bromomethane	ug/kg								na	2 U	na	2 U
Carbon Disulfide	ug/kg								na	6	na	1 J
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.9 U	na	0.9 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.9 U	na	0.9 U
Chloroethane	ug/kg								na	2 U	na	2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.9 U	na	0.9 U
Chloromethane	ug/kg								na	2 U	na	2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.9 U	na	0.9 U
Cis-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.9 U
Cyclohexane	ug/kg								na	0.9 U	na	0.9 U
Cymene	ug/kg								na	42	na	30
Dibromochloromethane	ug/kg								na	0.9 U	na	0.9 U
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.9 U	na	0.9 U
Isopropylbenzene (Cumene)	ug/kg								na	0.9 U	na	0.9 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U
Methyl Acetate	ug/kg								na	2 U	na	2 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	11	na	5 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	3 U
Methylcyclohexane	ug/kg								na	0.9 U	na	0.9 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
Styrene	ug/kg								na	0.9 U	na	0.9 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.5 U	na	0.4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	0.9 U	na	0.9 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.9 U	na	0.9 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.9 U	na	0.9 U
Trans-1,3-Dichloropropene	ug/kg								na	0.9 U	na	0.9 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	9	na	14
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	0.9 U	na	0.9 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	0.9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-002 JS-SS-002(10-12)(07212016)_07/21/2016 2016-07-21 8490142 SO N N	JS-SS-002 JS-SS-002(10-12)(07212016)_07/21/2016 2016-07-21 8490142 SO N Y	JS-SS-002 JS-SS-002(12"-24")(07212016)_07/21/2016 2016-07-21 8490143 SO N N	JS-SS-002 JS-SS-002(12"-24")(07212016)_07/21/2016 2016-07-21 8490143 SO N Y	JS-SS-003A JS-SS-003A(2"-12")(07172018) 2018-07-17 480-139189-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
Anions													
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na
Cations													
Calcium	mg/kg								na	16700	na	21700	na
Magnesium	mg/kg								na	5240	na	7080	na
Potassium	mg/kg								na	948	na	1100	na
Sodium	mg/kg								na	451	na	181	na
General Chemistry													
Bicarbonate	mg/kg								na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na
pH	ph units								na	8.57	na	8.87	8.2
Sulfate	mg/kg								na	na	na	na	na
Temperature	deg c								na	na	na	na	na
Total Organic Carbon	mg/kg								na	9520	na	16800	12400
Metals, Total													
Aluminum	mg/kg								na	9460	na	10300	na
Antimony	mg/kg								na	0.529 U	na	0.555 U	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	9.11	na	6.28	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	66.5	na	62.1	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.49 J	na	0.368 J	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.33 J	na	0.307 J	na
Calcium	mg/kg								na	16700	na	21700	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	12.2	na	15.3	na
Cobalt	mg/kg								na	8.22	na	8.47	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	41.9	na	28.3	na
Iron	mg/kg								na	23300	na	23200	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	66.3	na	128	na
Magnesium	mg/kg								na	5240	na	7080	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	447	na	572	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.14	na	0.341	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	18.7	na	19	22 J
Potassium	mg/kg								na	948	na	1100	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	0.681 U	na	0.713 U	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.427 J	na	0.119 U	na
Sodium	mg/kg								na	451	na	181	na
Thallium	mg/kg								na	0.62 U	na	0.65 U	na
Vanadium	mg/kg								na	13.7	na	13.8	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	118	na	80	na
Other													
Cyanide	mg/kg	27	40	27	27	27	10000		na	0.19 U	na	0.19 U	na
Flash Point	deg f								na	na	na	na	na
Moisture, Percent	%								6.9	na	7.2	na	na
Total Fixed Solids	%								na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na
PCBs													
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0038 U	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0049 U	na	0.0049 U	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0085 U	na	0.0086 U	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0035 U	na	0.0035 U	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0035 U	na	0.0035 U	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0035 U	na	0.0035 U	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0052 U	na	0.0052 U	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0035 U	na	0.0035 U	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0035 U	na	0.0035 U	na
Pesticides													
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	0.34 J	na	0.18 U	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	0.18 U	na	0.18 U	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.24 U	na	0.23 U	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	0.32 U	na	0.32 U	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.41 U	na	0.35 U	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	0.55 J	na	0.18 U	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	0.48 U	na	0.48 U	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	0.38 J	na	0.35 U	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	2.3 U	na	0.79 J	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	0.57 J	na	0.35 U	na
Endrin Aldehyde	ug/kg								na	0.35 U	na	0.35 U	na
Endrin Ketone	ug/kg								na	0.64 U	na	0.64 U	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	0.18 U	na	0.18 U	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	0.41 J	na	0.18 U	na
Heptachlor Epoxide	ug/kg								na	0.18 U	na	0.18 U	na
Methoxychlor	ug/kg								na	1.8 U	na	1.8 U	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	1.3 J	na	0.35 U	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	0.36 J	na	0.35 U	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	0.91 J	na	0.84 J	na
Toxaphene	ug/kg								na	15 U	na	15 U	na
trans-Chlordane	ug/kg								</				

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-002 JS-SS-002(10-12)(07212016)_07/21/2016 2016-07-21 8490142 SO N N	JS-SS-002 JS-SS-002(10-12)(07212016)_07/21/2016 2016-07-21 8490142 SO N Y	JS-SS-002 JS-SS-002(12"-24")(07212016)_07/21/2016 2016-07-21 8490143 SO N N	JS-SS-002 JS-SS-002(12"-24")(07212016)_07/21/2016 2016-07-21 8490143 SO N Y	JS-SS-003A JS-SS-003A(2"-12")(07172018) 2018-07-17 480-139189-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	2 J	na	4 J	120 J
1,1,2,2-Tetrachloroethane	ug/kg								na	0.8 U	na	0.8 U	200 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U	200 U
1,1,2-Trichloroethane	ug/kg								na	0.8 U	na	0.8 U	200 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	0.8 U	na	0.8 U	200 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	200 U
1,2,3-Trichlorobenzene	ug/kg								na	0.8 U	na	0.8 U	na
1,2,4-Trichlorobenzene	ug/kg								na	0.8 U	na	0.8 U	200 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.8 U	na	0.8 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U	200 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.8 U	na	0.8 U	200 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	200 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.8 U	na	0.8 U	200 U
1,2-Dichloropropane	ug/kg								na	0.8 U	na	0.8 U	200 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.8 U	na	0.8 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.8 U	na	0.8 U	200 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.8 U	na	0.8 U	200 U
2-Hexanone	ug/kg								na	3 U	na	3 U	990 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	39	na	33	990 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.4 U	na	0.4 U	200 U
Bromochloromethane	ug/kg								na	0.8 U	na	0.8 U	na
Bromodichloromethane	ug/kg								na	0.8 U	na	0.8 U	200 U
Bromoform	ug/kg								na	0.8 U	na	0.8 U	200 U
Bromomethane	ug/kg								na	2 U	na	2 U	200 U
Carbon Disulfide	ug/kg								na	0.8 U	na	2 J	200 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.8 U	na	0.8 U	200 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.8 U	na	0.8 U	200 U
Chloroethane	ug/kg								na	2 U	na	2 U	200 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.8 U	na	0.8 U	200 U
Chloromethane	ug/kg								na	2 U	na	2 U	200 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.8 U	na	0.8 U	200 U
Cis-1,3-Dichloropropene	ug/kg								na	0.8 U	na	0.8 U	200 U
Cyclohexane	ug/kg								na	0.8 U	na	0.8 U	200 U
Cymene	ug/kg								na	0.8 U	na	0.8 U	na
Dibromochloromethane	ug/kg								na	0.8 U	na	0.8 U	200 U
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U	200 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.8 U	na	0.8 U	200 U
Isopropylbenzene (Cumene)	ug/kg								na	0.8 U	na	0.8 U	200 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.8 U	na	0.8 U	na
Methyl Acetate	ug/kg								na	2 U	na	2 U	990 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	5 J	na	3 U	990 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	3 U	990 U
Methylcyclohexane	ug/kg								na	0.8 U	na	0.8 U	200 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U	200 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.8 U	na	0.8 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	na
Styrene	ug/kg								na	0.8 U	na	0.8 U	200 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.4 U	na	0.4 U	200 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	0.8 U	na	1 J	250
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.8 U	na	0.8 U	450
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.8 U	na	0.8 U	200 U
Trans-1,3-Dichloropropene	ug/kg								na	0.8 U	na	0.8 U	200 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	67	na	120	7800
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U	200 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	0.8 U	na	0.8 U	200 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.8 U	na	0.8 U	400 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-003B	JS-SS-003C	JS-SS-003C	JS-SS-003D	JS-SS-005A	JS-SS-005A
									JS-SS-003B(2"-12")(07172018)	JS-SS-003C(2"-12")(07182018)	JS-SS-003C(2"-12")(07182018)	JS-SS-003D(2"-12")(07182018)	JS-SS-005A(1"-3")(07132018)	JS-SS-005A(3"-12")(07132018)
									2018-07-17	2018-07-18	2018-07-18	2018-07-18	2018-07-13	2018-07-13
									480-139189-8	480-139275-1	480-139189-11	480-139189-13	480-138904-1	480-138904-2
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8.2	na	8.4	8.2	8	7.9
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								38900	na	12000	20400	40500	63000
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	1770 J	362 J
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	23.8 J	na	27.3 J	33.9 J	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na	na
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		na	na	na	na	na	na
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		na	na	na	na	na	na
Benzo(G,H,I)Perylene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/kg	800	1700</											

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-003B JS-SS-003B(2"-12") (07172018) 2018-07-17 480-139189-8 SO N Y	JS-SS-003C JS-SS-003C(2"-12") (07182018) 2018-07-18 480-139275-1 SO N Y	JS-SS-003C JS-SS-003C(2"-12") (07182018) 2018-07-18 480-139189-11 SO N Y	JS-SS-003D JS-SS-003D(2"-12") (07182018) 2018-07-18 480-139189-13 SO N Y	JS-SS-005A JS-SS-005A (1"-3") (07132018) 2018-07-13 480-138904-1 SO N Y	JS-SS-005A JS-SS-005A (3"-12") (07132018) 2018-07-13 480-138904-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		120 J	na	4.3 U	95 J	120 U	820 U
1,1,2,2-Tetrachloroethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,1,2-Trichloroethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		140 U	na	4.3 U	330 U	120 U	820 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		140 U	na	4.3 U	330 U	120 U	820 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		140 U	na	4.3 U	330 U	120 U	820 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	140 U	na	4.3 U	330 U	120 U	820 U
1,2-Dichloropropane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		140 U	na	4.3 U	330 U	120 U	820 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	140 U	na	4.3 U	330 U	120 U	820 U
2-Hexanone	ug/kg								680 U	na	21 U	1600 U	580 U	4100 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	680 U	na	12 J	1600 U	580 U	4100 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	140 U	na	4.3 U	330 U	120 U	820 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Bromoform	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Bromomethane	ug/kg								140 U	na	4.3 UJ	330 U	120 U	820 U
Carbon Disulfide	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		140 U	na	4.3 U	330 U	120 U	820 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	140 U	na	4.3 U	330 U	120 U	820 U
Chloroethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	140 U	na	4.3 U	330 U	120 U	820 U
Chloromethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		140 U	na	4.3 U	330 U	120 U	820 U
Cis-1,3-Dichloropropene	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Cyclohexane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Dichlorodifluoromethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		140 U	na	4.3 U	330 U	120 U	820 U
Isopropylbenzene (Cumene)	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								680 U	na	21 U	1600 U	580 U	4100 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	680 U	na	21 U	1600 U	580 U	4100 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								680 U	na	21 U	1600 U	580 U	4100 U
Methylcyclohexane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	160 U	na	4.3 U	330 U	120 U	820 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		140 U	na	4.3 U	330 U	120 U	820 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	660	na	0.75 J	160 J	120 U	820 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	140 U	na	4.3 U	330 U	120 U	820 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		140 U	na	4.3 U	330 U	120 U	820 U
Trans-1,3-Dichloropropene	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5800	na	7.8	2500	360	56000
Trichlorofluoromethane	ug/kg								140 U	na	4.3 U	330 U	120 U	820 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		140 U	na	4.3 U	330 U	120 U	820 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	270 U	na	8.6 U	660 U	230 U	1600 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005B JS-SS-005B (1"-3") (07132018) 2018-07-13 480-138904-4 SO N Y	JS-SS-005B JS-SS-005B (3"-12") (07132018) 2018-07-13 480-138904-5 SO N Y	JS-SS-005C JS-SS-005C (0"-2") (07132018) 2018-07-13 480-138904-7 SO N Y	JS-SS-005C JS-SS-005C (2"-12") (07132018) 2018-07-13 480-138904-8 SO N Y	JS-SS-005D JS-SS-005D (0"-2") (07132018) 2018-07-13 480-138904-10 SO N Y	JS-SS-005D JS-SS-005D (2"-12") (07132018) 2018-07-13 480-138904-11 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								7.7	7.7	7.8	8	7.4	7.7
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								47800	27700	27800	30100	42300	16300
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	956 J	279 J	262 J	349 J	228 J	228 J
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1														

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									JS-SS-005B JS-SS-005B (1"-3") (07132018) 2018-07-13 480-138904-4 SO N Y	JS-SS-005B JS-SS-005B (3"-12") (07132018) 2018-07-13 480-138904-5 SO N Y	JS-SS-005C JS-SS-005C (0"-2") (07132018) 2018-07-13 480-138904-7 SO N Y	JS-SS-005C JS-SS-005C (2"-12") (07132018) 2018-07-13 480-138904-8 SO N Y	JS-SS-005D JS-SS-005D (0"-2") (07132018) 2018-07-13 480-138904-10 SO N Y	JS-SS-005D JS-SS-005D (2"-12") (07132018) 2018-07-13 480-138904-11 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
1,1,2,2-Tetrachloroethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,1,2-Trichloroethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.4 U	58 U	190 U	100 U	8 U	56 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.4 U	58 U	190 U	100 U	8 U	56 U
1,2-Dichloropropane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.4 U	58 U	190 U	100 U	8 U	56 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.4 U	58 U	190 U	100 U	8 U	56 U
2-Hexanone	ug/kg								27 U	290 U	970 U	520 U	40 U	280 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	27 U	290 U	970 U	520 U	40 U	280 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.4 U	58 U	190 U	100 U	8 U	56 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Bromoform	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Bromomethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Carbon Disulfide	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.4 U	58 U	190 U	100 U	8 U	56 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.4 U	58 U	190 U	100 U	8 U	56 U
Chloroethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.4 U	58 U	190 U	100 U	8 U	56 U
Chloromethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
Cis-1,3-Dichloropropene	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Cyclohexane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Dichlorodifluoromethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.4 U	58 U	190 U	100 U	8 U	56 U
Isopropylbenzene (Cumene)	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								27 U	290 U	750 J	180 J	40 U	160 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	27 U	290 U	970 U	520 U	40 U	280 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								27 U	290 U	970 U	520 U	40 U	280 U
Methylcyclohexane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.4 U	58 U	190 U	100 U	8 U	56 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.4 U	38 J	190 U	100 U	8 U	56 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.4 U	58 U	190 U	100 U	8 U	56 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.4 U	58 U	190 U	100 U	8 U	56 U
Trans-1,3-Dichloropropene	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1.3 J	4900	520	3800	8 U	480
Trichlorofluoromethane	ug/kg								5.4 U	58 U	190 U	100 U	8 U	56 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.4 U	58 U	190 U	100 U	8 U	56 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	11 U	120 U	390 U	210 U	16 U	110 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(0"-2") (09132016) 2016-09-13 8585472 SO N N	OS-B-024 OS-B-024(0"-2") (09132016) 2016-09-13 8585472 SO N Y	OS-B-024 OS-B-024(2"-12") (09132016) 2016-09-13 8585473 SO N N	OS-B-024 OS-B-024(2"-12") (09132016) 2016-09-13 8585473 SO N Y	OS-B-024 OS-DUP-004(09132016) 2016-09-13 8585474 SO FD N	OS-B-024 OS-DUP-004(09132016) 2016-09-13 8585474 SO FD Y	OS-B-024 OS-B-024(4-6) (09302016) 2016-09-30 8617118 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	63900	na	68600	na	105000	na
Magnesium	mg/kg								na	24200	na	25200	na	38200	na
Potassium	mg/kg								na	1890	na	1370	na	1330	na
Sodium	mg/kg								na	64.8 J	na	50.8 J	na	56.7 J	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	7.89	na	8.22	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	15700	na	3540	na	na	na
Metals, Total															
Aluminum	mg/kg								na	12300	na	10600	na	9070	na
Antimony	mg/kg								na	2.24 J	na	1.7 J	na	1.68 J	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	7.99	na	5.17	na	4.64	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	61.2	na	52.7	na	52.5	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.501 J	na	0.36 J	na	0.333 J	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.566 J	na	0.395 J	na	0.41 J	na
Calcium	mg/kg								na	63900	na	68600	na	105000	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	13.4	na	10.5	na	9.14	na
Cobalt	mg/kg								na	9.44	na	7.5	na	6.38	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	34.3	na	23.9	na	17.7	na
Iron	mg/kg								na	27100	na	21200	na	17600	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	40.3	na	30.9	na	24.6	na
Magnesium	mg/kg								na	24200	na	25200	na	38200	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	566	na	484	na	493	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.0762 J	na	0.154	na	0.0919 J	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	24	na	16.8	na	14.3	na
Potassium	mg/kg								na	1890	na	1370	na	1330	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	0.922 U	na	0.767 U	na	0.714 U	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.768 J	na	0.495 J	na	0.21 J	na
Sodium	mg/kg								na	64.8 J	na	50.8 J	na	56.7 J	na
Thallium	mg/kg								na	2.45 J	na	1.72 J	na	1.61 J	na
Vanadium	mg/kg								na	15.9	na	12.5	na	11.2	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	96.6	na	72.7	na	57.3	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	0.2 UJ	na	0.19 UJ	na	0.19 UJ	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								12.8	na	6.1	na	7.3	na	15.8
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0041 U	na	0.0038 U	na	0.0038 U	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0052 U	na	0.0049 U	na	0.0049 U	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0091 U	na	0.0085 U	na	0.0085 U	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0035 U	na	0.0035 U	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0035 U	na	0.0035 U	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0035 U	na	0.0035 U	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0056 U	na	0.0052 U	na	0.0052 U	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0035 U	na	0.0035 U	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.0038 U	na	0.0035 U	na	0.0035 U	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	0.19 U	na	0.18 U	na	0.18 U	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	0.19 U	na	0.18 U	na	0.18 U	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.25 U	na	0.23 U	na	0.24 U	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	0.34 U	na	0.32 U	na	0.39 U	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	0.37 U	na	0.35 U	na	0.35 U	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	0.19 U	na	0.18 U	na	0.18 U	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	0.51 U	na	0.48 U	na	0.48 U	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	0.37 U	na	0.35 U	na	0.35 U	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	0.37 U	na	0.35 U	na	0.35 U	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	0.37 U	na	0.35 U	na	0.35 U	na
Endrin Aldehyde	ug/kg								na	0.37 U	na	0.35 U	na	0.35 U	na
Endrin Ketone	ug/kg								na	0.68 U	na	0.64 U	na	0.64 U	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	0.76 U	na	0.18 U	na		

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(0"-2") (09132016) 2016-09-13 8585472 SO N N	OS-B-024 OS-B-024(0"-2") (09132016) 2016-09-13 8585472 SO N Y	OS-B-024 OS-B-024(2"-12") (09132016) 2016-09-13 8585473 SO N N	OS-B-024 OS-B-024(2"-12") (09132016) 2016-09-13 8585473 SO N Y	OS-B-024 OS-DUP-004(09132016) 2016-09-13 8585474 SO FD N	OS-B-024 OS-DUP-004(09132016) 2016-09-13 8585474 SO FD Y	OS-B-024 OS-B-024(4-6) (08302016) 2016-09-30 8617118 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	2 U	na	2 U	na
1,1,2-Trichloroethane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1 U	na	0.8 U	na	0.8 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
1,2,3-Trichlorobenzene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,2,4-Trichlorobenzene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	1 U	na	0.8 U	na	0.8 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	2 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	1 U	na	0.8 U	na	0.8 U	na
1,2-Dichloropropane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	1 U	na	0.8 U	na	0.8 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	1 U	na	0.8 U	na	0.8 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	1 U	na	0.8 U	na	0.8 U	na
2-Hexanone	ug/kg								na	3 U	na	2 U	na	2 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	81 U	na	15 U	na	12 U	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.9 J	na	0.4 U	na	0.4 U	na
Bromochloromethane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Bromodichloromethane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Bromoform	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Bromomethane	ug/kg								na	2 U	na	2 U	na	2 U	na
Carbon Disulfide	ug/kg								na	6	na	2 J	na	2 J	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	1 U	na	0.8 U	na	0.8 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	1 U	na	0.8 U	na	0.8 U	na
Chloroethane	ug/kg								na	2 U	na	2 U	na	2 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	1 U	na	0.8 U	na	0.8 U	na
Chloromethane	ug/kg								na	2 U	na	2 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
Cis-1,3-Dichloropropene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Cyclohexane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Cymene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Dibromochloromethane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Dichlorodifluoromethane	ug/kg								na	2 U	na	2 U	na	2 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	1 U	na	0.8 U	na	0.8 U	na
Isopropylbenzene (Cumene)	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	0.8 U	na	0.8 U	na
Methyl Acetate	ug/kg								na	2 U	na	2 U	na	2 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	8 J	na	3 U	na	3 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	2 U	na	2 U	na
Methylcyclohexane	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	2 U	na	2 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	0.8 U	na	0.8 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
Styrene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.6 U	na	0.4 U	na	0.4 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	1 U	na	0.8 U	na	0.8 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1 U	na	0.8 U	na	0.8 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1 U	na	0.8 U	na	0.8 U	na
Trans-1,3-Dichloropropene	ug/kg								na	1 U	na	0.8 U	na	0.8 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	1 U	na	0.8 U	na	0.8 U	na
Trichlorofluoromethane	ug/kg								na	2 U	na	2 U	na	2 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	1 U	na	0.8 U	na	0.8 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	0.8 U	na	0.8 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(4-6)(09302016) 2016-09-30 8617118 SO N Y	OS-B-024 OS-B-024(6-8)(09302016) 2016-09-30 8617119 SO N N	OS-B-024 OS-B-024(6-8)(09302016) 2016-09-30 8617119 SO N Y	OS-B-025 OS-B-025(0"-2") (09222016) 2016-09-22 8602584 SO N N	OS-B-025 OS-B-025(0"-2") (09222016) 2016-09-22 8602584 SO N Y	OS-B-025 OS-B-025(2"-12") (09222016) 2016-09-22 8602585 SO N N	OS-B-025 OS-B-025(2"-12") (09222016) 2016-09-22 8602585 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	7730	na	78800	na	22900
Magnesium	mg/kg								na	na	11000	na	31000 J	na	14800
Potassium	mg/kg								na	na	4580	na	1310	na	1320
Sodium	mg/kg								na	na	260	na	65.5 J	na	45.9 J
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	na	8.65	na	7.89	na	8.21
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	1430	na	4370	na	7590
Metals, Total															
Aluminum	mg/kg								na	na	25000	na	6190	na	8470
Antimony	mg/kg								na	na	1.91 J	na	2.02 J	na	0.836 J
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	12	na	5.22	na	5.82
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	211	na	41	na	46
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	1.08 J	na	0.282 J	na	0.364 J
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	0.0557 U	na	0.321 J	na	0.481 J
Calcium	mg/kg								na	na	7730	na	78800	na	22900
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	29.3	na	11.6	na	10.9
Cobalt	mg/kg								na	na	16.7	na	5.16	na	7.57
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	36.6	na	24.3	na	21.1
Iron	mg/kg								na	na	44700	na	14900	na	18500
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	46.4	na	23.3	na	12.8
Magnesium	mg/kg								na	na	11000	na	31000 J	na	14800
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	861	na	370	na	634
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	0.153	na	0.0137 J	na	0.0204 J
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	35.5	na	12.9	na	15.5
Potassium	mg/kg								na	na	4580	na	1310	na	1320
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	4.12 J	na	0.975 U	na	0.777 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	1.33	na	1.13	na	1.45
Sodium	mg/kg								na	na	260	na	65.5 J	na	45.9 J
Thallium	mg/kg								na	na	5.07 J	na	0.969 J	na	1.02 J
Vanadium	mg/kg								na	na	31.1	na	23.1	na	20.2
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	110	na	133	na	88.5
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	0.23 U	na	0.21 U	na	0.2 U
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	21.4	na	16.1	na	10.9	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0045 U	na	0.0043 U	na	0.004 U
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0058 U	na	0.0054 U	na	0.0051 U
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.01 U	na	0.0095 U	na	0.0089 U
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0042 U	na	0.0039 U	na	0.0037 U
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0042 U	na	0.0039 U	na	0.0037 U
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0042 U	na	0.0066 J	na	0.0037 U
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0062 U	na	0.0058 U	na	0.0055 U
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0042 U	na	0.0039 U	na	0.0037 U
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0042 U	na	0.0039 U	na	0.0037 U
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	0.21 U	na	0.2 U	na	0.19 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	0.21 U	na	0.76 J	na	0.19 U
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	0.28 U	na	0.3 U	na	0.25 U
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	0.38 U	na	0.35 U	na	0.34 U
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	0.42 U	na	0.39 U	na	0.37 U
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	0.21 U	na	0.83 J	na	0.81 J
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	0.57 U	na	0.53 UJ	na	0.5 UJ
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	0.42 U	na	0.77 U	na	0.64 U
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	0.42 U	na	0.39 U	na	4.8 U
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	0.42 U	na	1.3 J	na	0.76 U
Endrin Aldehyde	ug/kg								na	na	0.42 U	na	0.72 U	na	0.37 U
Endrin Ketone	ug/kg								na	na	0.76 U	na	0.7 U	na	0.67 U
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300</										

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-024 OS-B-024(4-6)(09302016) 2016-09-30 8617118 SO N Y	OS-B-024 OS-B-024(6-8)(09302016) 2016-09-30 8617119 SO N N	OS-B-024 OS-B-024(6-8)(09302016) 2016-09-30 8617119 SO N Y	OS-B-025 OS-B-025(0"-2") (09222016) 2016-09-22 8602584 SO N N	OS-B-025 OS-B-025(0"-2") (09222016) 2016-09-22 8602584 SO N Y	OS-B-025 OS-B-025(2"-12") (09222016) 2016-09-22 8602585 SO N N	OS-B-025 OS-B-025(2"-12") (09222016) 2016-09-22 8602585 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
1,1,2,2-Tetrachloroethane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
1,1,2-Trichloroethane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1 U	na	1 U	na	1 U	na	1 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
1,2,3-Trichlorobenzene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,2,4-Trichlorobenzene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		1 U	na	1 U	na	1 U	na	1 U
1,2-Dibromo-3-Chloropropane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1 U	na	1 U	na	1 U	na	1 U
1,2-Dichloropropane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		1 U	na	1 U	na	1 U	na	1 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1 U	na	1 U	na	1 U	na	1 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1 U	na	1 U	na	1 U	na	1 U
2-Hexanone	ug/kg								3 U	na	3 U	na	3 U	na	3 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	94	na	8 U	na	230	na	97
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.6 U	na	0.6 U	na	0.5 U	na	0.5 U
Bromochloromethane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Bromodichloromethane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Bromoform	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Bromomethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Carbon Disulfide	ug/kg								1 J	na	1 U	na	2 J	na	8
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1 U	na	1 U	na	1 U	na	1 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1 U	na	1 U	na	1 U	na	1 U
Chloroethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1 U	na	1 U	na	1 U	na	1 U
Chloromethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
Cis-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Cyclohexane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Cymene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Dibromochloromethane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Dichlorodifluoromethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1 U	na	1 U	na	1 U	na	1 U
Isopropylbenzene (Cumene)	ug/kg								1 U	na	1 U	na	1 U	na	1 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	1 U	na	1 U
Methyl Acetate	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	11 J	na	5 U	na	42	na	11
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								3 U	na	3 U	na	3 U	na	3 U
Methylcyclohexane	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	2 U	na	2 U	na	2 U	na	2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	1 U	na	1 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
Styrene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		0.6 U	na	0.6 U	na	0.5 U	na	0.5 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1 U	na	1 U	na	1 U	na	1 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1 U	na	1 U	na	1 U	na	1 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		1 U	na	1 U	na	1 U	na	1 U
Trans-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	1 U	na	1 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	3 J	na	1 U	na	1 U	na	1 U
Trichlorofluoromethane	ug/kg								2 U	na	2 U	na	2 U	na	2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1 U	na	1 U	na	1 U	na	1 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1 U	na	1 U	na	1 U	na	1 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-025 OS-B-025(11-13)(10112016) 2016-10-11 8636777 SO N N	OS-B-025 OS-B-025(11-13)(10112016) 2016-10-11 8636777 SO N Y	OS-B-026 OS-B-026(0"-2") (09222016) 2016-09-22 8602582 SO N N	OS-B-026 OS-B-026(0"-2") (09222016) 2016-09-22 8602582 SO N Y	OS-B-026 OS-B-026(2"-12") (09222016) 2016-09-22 8602583 SO N N	OS-B-026 OS-B-026(2"-12") (09222016) 2016-09-22 8602583 SO N Y	OS-B-026 OS-B-026(9-10)(10112016) 2016-10-11 8636778 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	0.9 U	na	na	na	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	na	na	na	na
1,1,2-Trichloroethane	ug/kg								na	0.9 U	na	na	na	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	0.9 U	na	na	na	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
1,2,3-Trichlorobenzene	ug/kg								na	0.9 U	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	0.9 U	na	na	na	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	0.9 U	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	na	na	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	0.9 U	na	na	na	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	0.9 U	na	na	na	na	na
1,2-Dichloropropane	ug/kg								na	0.9 U	na	na	na	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	0.9 U	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	0.9 U	na	na	na	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	0.9 U	na	na	na	na	na
2-Hexanone	ug/kg								na	3 U	na	na	na	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	27	na	na	na	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.4 U	na	na	na	na	na
Bromochloromethane	ug/kg								na	0.9 U	na	na	na	na	na
Bromodichloromethane	ug/kg								na	0.9 U	na	na	na	na	na
Bromoform	ug/kg								na	0.9 U	na	na	na	na	na
Bromomethane	ug/kg								na	2 U	na	na	na	na	na
Carbon Disulfide	ug/kg								na	0.9 U	na	na	na	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	0.9 U	na	na	na	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	0.9 U	na	na	na	na	na
Chloroethane	ug/kg								na	2 U	na	na	na	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	0.9 U	na	na	na	na	na
Chloromethane	ug/kg								na	2 U	na	na	na	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
Cis-1,3-Dichloropropene	ug/kg								na	0.9 U	na	na	na	na	na
Cyclohexane	ug/kg								na	0.9 U	na	na	na	na	na
Cymene	ug/kg								na	0.9 U	na	na	na	na	na
Dibromochloromethane	ug/kg								na	0.9 U	na	na	na	na	na
Dichlorodifluoromethane	ug/kg								na	2 U	na	na	na	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	0.9 U	na	na	na	na	na
Isopropylbenzene (Cumene)	ug/kg								na	0.9 U	na	na	na	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	na	na	na	na
Methyl Acetate	ug/kg								na	2 U	na	na	na	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	3 U	na	na	na	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	na	na	na	na
Methylcyclohexane	ug/kg								na	0.9 U	na	na	na	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	na	na	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
Styrene	ug/kg								na	0.9 U	na	na	na	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.4 U	na	na	na	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	0.9 U	na	na	na	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.9 U	na	na	na	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	0.9 U	na	na	na	na	na
Trans-1,3-Dichloropropene	ug/kg								na	0.9 U	na	na	na	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	0.9 U	na	na	na	na	na
Trichlorofluoromethane	ug/kg								na	2 U	na	na	na	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	0.9 U	na	na	na	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	0.9 U	na	na	na	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-026 OS-B-026(9-10)(10112016) 2016-10-11 8636778 SO N Y	OS-B-026BR (81.5-82.5)(05232018)-20180523 2018-05-23 480-136520-1 SO N Y	OS-B-027 OS-B-027(0"-2") (09262016) 2016-09-26 8607581 SO N N	OS-B-027 OS-B-027(0"-2") (09262016) 2016-09-26 8607581 SO N Y	OS-B-027 OS-B-027(2"-12") (09262016) 2016-09-26 8607582 SO N N	OS-B-027 OS-B-027(2"-12") (09262016) 2016-09-26 8607582 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								7.69	8.8	na	6.56	na	6.65
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								695	5610	na	31900	na	9030
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	21	na	15.2	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-026 OS-B-026(9-10)(10112016) 2016-10-11 8636778 SO N Y	OS-B-026BR (81.5-82.5)(05232018)-20180523 2018-05-23 480-136520-1 SO N Y	OS-B-027 OS-B-027(0"-2") (09262016) 2016-09-26 8607581 SO N N	OS-B-027 OS-B-027(0"-2") (09262016) 2016-09-26 8607581 SO N Y	OS-B-027 OS-B-027(2"-12") (09262016) 2016-09-26 8607582 SO N N	OS-B-027 OS-B-027(2"-12") (09262016) 2016-09-26 8607582 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	4 UJ	na	na	na	na
1,1,2,2-Tetrachloroethane	ug/kg								na	R	na	na	na	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	4 UJ	na	na	na	na
1,1,2-Trichloroethane	ug/kg								na	4 UJ	na	na	na	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	4 UJ	na	na	na	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	4 UJ	na	na	na	na
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	R	na	na	na	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	R	na	na	na	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	4 UJ	na	na	na	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	R	na	na	na	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	4 UJ	na	na	na	na
1,2-Dichloropropane	ug/kg								na	4 UJ	na	na	na	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	R	na	na	na	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	R	na	na	na	na
2-Hexanone	ug/kg								na	20 UJ	na	na	na	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	65 J	na	na	na	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	4 UJ	na	na	na	na
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	4 UJ	na	na	na	na
Bromoform	ug/kg								na	4 UJ	na	na	na	na
Bromomethane	ug/kg								na	4 UJ	na	na	na	na
Carbon Disulfide	ug/kg								na	4 UJ	na	na	na	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	4 UJ	na	na	na	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	4 UJ	na	na	na	na
Chloroethane	ug/kg								na	4 UJ	na	na	na	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	4 UJ	na	na	na	na
Chloromethane	ug/kg								na	4 UJ	na	na	na	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	4 UJ	na	na	na	na
Cis-1,3-Dichloropropene	ug/kg								na	4 UJ	na	na	na	na
Cyclohexane	ug/kg								na	4 UJ	na	na	na	na
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	4 UJ	na	na	na	na
Dichlorodifluoromethane	ug/kg								na	4 UJ	na	na	na	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	4 UJ	na	na	na	na
Isopropylbenzene (Cumene)	ug/kg								na	R	na	na	na	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	20 UJ	na	na	na	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	20 UJ	na	na	na	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	20 UJ	na	na	na	na
Methylcyclohexane	ug/kg								na	4 UJ	na	na	na	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	4 UJ	na	na	na	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	4 UJ	na	na	na	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	4 UJ	na	na	na	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	4 UJ	na	na	na	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	4 UJ	na	na	na	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	4 UJ	na	na	na	na
Trans-1,3-Dichloropropene	ug/kg								na	4 UJ	na	na	na	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	4 UJ	na	na	na	na
Trichlorofluoromethane	ug/kg								na	na	na	na	na	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	4 UJ	na	na	na	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-027	OS-B-028	OS-B-028	OS-B-028	OS-B-028	OS-B-028
									OS-B-027(4-6)(10132016)	OS-B-028(3-5)(09262016)	OS-B-028(3-5)(09262016)	OS-B-028(5-12)(09262016)	OS-B-028(5-12)(09262016)	OS-B-028(12-16)(10062016)_10/06/2016
									2016-10-13	2016-09-26	2016-09-26	2016-09-26	2016-09-26	2016-10-06
									8642769	8607583	8607583	8607584	8607584	8630141
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	N	Y	N	Y	N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	9340	na	5990	na
Magnesium	mg/kg								na	na	8670	na	4100	na
Potassium	mg/kg								na	na	1310	na	1210	na
Sodium	mg/kg								na	na	110 J	na	213	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								6.89	na	8.31	na	8.33	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								857	na	22400	na	7830	na
Metals, Total														
Aluminum	mg/kg								na	na	9850	na	10400	na
Antimony	mg/kg								na	na	2.22 J	na	1.93 J	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	4.42	na	8.02	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	55.4	na	210	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	0.507 J	na	0.629 J	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	0.493 J	na	0.724 J	na
Calcium	mg/kg								na	na	9340	na	5990	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	14.6	na	16.8	na
Cobalt	mg/kg								na	na	7.6	na	8.64	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	57.2	na	99.7	na
Iron	mg/kg								na	na	25000	na	21000	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	97.5	na	189	na
Magnesium	mg/kg								na	na	8670	na	4100	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	466	na	596	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	0.0186 J	na	0.163	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	17.8	na	20.4	na
Potassium	mg/kg								na	na	1310	na	1210	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	0.68 U	na	0.865 U	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	0.481 J	na	0.639 J	na
Sodium	mg/kg								na	na	110 J	na	213	na
Thallium	mg/kg								na	na	0.62 U	na	0.788 U	na
Vanadium	mg/kg								na	na	30.4	na	28	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	129	na	176	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	0.19 U	na	0.19 U	na
Flash Point	deg f									na	na	na	na	na
Moisture, Percent	%								19.6	4.8	na	9.5	na	21
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0037 UJ	na	0.004 UJ	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0048 UJ	na	0.0051 UJ	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0083 UJ	na	0.0088 UJ	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0034 UJ	na	0.0036 UJ	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0034 UJ	na	0.0036 UJ	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0034 UJ	na	0.0036 UJ	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0051 UJ	na	0.034 J	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0034 UJ	na	0.0036 UJ	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.0034 UJ	na	0.0036 UJ	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	0.89 U	na	0.19 U	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	0.89 U	na	0.19 U	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	1.1 U	na	0.24 U	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	1.6 U	na	0.33 U	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	1.7 U	na	0.36 U	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	0.89 U	na	0.27 J	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	2.4 UJ	na	0.5 UJ	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	1.7 U	na	1.4 U	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	1.7 U	na	0.36 U	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	1.7 U	na	0.44 U	na
Endrin Aldehyde	ug/kg								na	na	1.7 U	na	0.36 U	na
Endrin Ketone	ug/kg								na	na	3.1 U	na	0.66 U	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	0.89 U	na	0.27 U	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	0.89 U	na	0.19 U	na
Heptachlor Epoxide	ug/kg								na	na	0.89 U	na	0.19 U	na
Methoxychlor	ug/kg								na	na	8.9 U	na	1.9 U	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	1.7 U	na	0.88 U	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	1.9 J	na	1.4 J	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	4.1 J	na	5.2 J	na
Toxaphene	ug/kg													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-027 OS-B-027(4-6)(10132016) 2016-10-13 8642769 SO N Y	OS-B-028 OS-B-028(3-5)(09262016) 2016-09-26 8607583 SO N N	OS-B-028 OS-B-028(3-5)(09262016) 2016-09-26 8607583 SO N Y	OS-B-028 OS-B-028(5-12)(09262016) 2016-09-26 8607584 SO N N	OS-B-028 OS-B-028(5-12)(09262016) 2016-09-26 8607584 SO N Y	OS-B-028 OS-B-028(12-16)(10062016)_10/06/2016 2016-10-06 8630141 SO N N
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
1,1,2,2-Tetrachloroethane	ug/kg								na	na	1 U	na	1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	na	2 U	na	2 U	na
1,1,2-Trichloroethane	ug/kg								na	na	1 U	na	1 U	na
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	na	1 U	na	1 U	na
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
1,2,3-Trichlorobenzene	ug/kg								na	na	1 U	na	1 U	na
1,2,4-Trichlorobenzene	ug/kg								na	na	1 U	na	1 U	na
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	1 U	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	na	2 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	na	1 U	na	1 U	na
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	na	1 U	na	1 U	na
1,2-Dichloropropane	ug/kg								na	na	1 U	na	1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	1 U	na	1 U	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	1 U	na	1 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	1 U	na	1 U	na
2-Hexanone	ug/kg								na	na	3 U	na	3 U	na
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	na	22	na	26	na
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	na	0.5 U	na	0.5 U	na
Bromochloromethane	ug/kg								na	na	1 U	na	1 U	na
Bromodichloromethane	ug/kg								na	na	1 U	na	1 U	na
Bromoform	ug/kg								na	na	1 U	na	1 U	na
Bromomethane	ug/kg								na	na	2 U	na	2 U	na
Carbon Disulfide	ug/kg								na	na	3 J	na	1 J	na
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	na	1 U	na	1 U	na
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	na	1 U	na	1 U	na
Chloroethane	ug/kg								na	na	2 U	na	2 U	na
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	na	1 U	na	1 U	na
Chloromethane	ug/kg								na	na	2 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	na	1 U	na	1 U	na
Cis-1,3-Dichloropropene	ug/kg								na	na	1 U	na	1 U	na
Cyclohexane	ug/kg								na	na	1 U	na	1 U	na
Cymene	ug/kg								na	na	1 U	na	1 U	na
Dibromochloromethane	ug/kg								na	na	1 U	na	1 U	na
Dichlorodifluoromethane	ug/kg								na	na	2 U	na	2 U	na
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	na	1 U	na	1 U	na
Isopropylbenzene (Cumene)	ug/kg								na	na	1 U	na	1 U	na
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	1 U	na	1 U	na
Methyl Acetate	ug/kg								na	na	2 U	na	2 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	na	4 U	na	4 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	na	3 U	na	3 U	na
Methylcyclohexane	ug/kg								na	na	1 U	na	1 U	na
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	na	2 U	na	2 U	na
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	1 U	na	1 U	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
Styrene	ug/kg								na	na	1 U	na	1 U	na
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	na	0.5 U	na	0.5 U	na
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	na	1 U	na	1 U	na
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	na	1 U	na	1 U	na
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	na	1 U	na	1 U	na
Trans-1,3-Dichloropropene	ug/kg								na	na	1 U	na	1 U	na
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	na	1 U	na	1 U	na
Trichlorofluoromethane	ug/kg								na	na	2 U	na	2 U	na
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	na	1 U	na	1 U	na
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	1 U	na	1 U	na

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-028	OS-B-028	OS-B-028	OS-B-028	OS-B-030	OS-B-030
									OS-B-028(12-16)(10062016)_10/06/2016	OS-B-028(6-8)(10062016)_10/06/2016	OS-B-028(6-8)(10062016)_10/06/2016	OS-B-030(11.7-13.7)(11152016)	OS-B-030(11.7-13.7)(11152016)	
									2016-10-06	2016-10-06	2016-10-06	2016-11-15	2016-11-15	
									8630141	8630140	8630140	8699639	8699639	
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	N	Y			Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								10300	na	1520	na	537	
Magnesium	mg/kg								11000	na	8250	na	3710	
Potassium	mg/kg								4240	na	2450	na	1170 J	
Sodium	mg/kg								317	na	395	na	262	
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8.2	na	8.9	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								3710	na	4020	na	na	na
Metals, Total														
Aluminum	mg/kg								22200	na	18200	na	9490	
Antimony	mg/kg								0.844 U	na	0.791 U	na	1.24 J	
Arsenic	mg/kg	13	16	16	16	16	16	13	8.27	na	6.25	na	5.13	
Barium	mg/kg	350	820	350	400	400	10000	433	147	na	120	na	39	
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	0.927 J	na	0.626 J	na	0.343 J	
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	0.0591 U	na	0.0554 U	na	0.0378 U	
Calcium	mg/kg								10300	na	1520	na	537	
Chromium, Total	mg/kg	30		36	180	1500	6800	41	22.6	na	19.7	na	7.48	
Cobalt	mg/kg								15.5	na	11.8	na	8.74 J	
Copper	mg/kg	50	1720	270	270	270	10000	50	32.9	na	32.6	na	35 J	
Iron	mg/kg								41400	na	39000	na	24800 J	
Lead	mg/kg	63	450	400	400	1000	3900	63	16.9	na	21.1	na	3.02	
Magnesium	mg/kg								11000	na	8250	na	3710	
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	773	na	863	na	765	
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.0338 J	na	0.0424 J	na	0.0105 U	
Nickel	mg/kg	30	130	140	310	310	10000	30	28.9	na	28.6	na	16.6 J	
Potassium	mg/kg								4240	na	2450	na	1170 J	
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	1.73 J	na	1.02 U	na	2.05 J	
Silver	mg/kg	2	8.3	36	180	1500	6800	2	2.75	na	2.85	na	0.908	
Sodium	mg/kg								317	na	395	na	262	
Thallium	mg/kg								3.17 J	na	2.26 J	na	2.42 J	
Vanadium	mg/kg								27.4	na	24.5	na	9.61	
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	92.9	na	84.8	na	48.3	
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		0.22 U	na	0.21 U	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	14.1	na	4.7	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	0.0045 U	na	0.0041 U	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	0.0058 U	na	0.0053 U	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	0.01 U	na	0.0092 U	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	0.0042 U	na	0.0038 U	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	0.0042 U	na	0.0038 U	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	0.0042 U	na	0.0038 U	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	0.0062 U	na	0.0056 U	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	0.0042 U	na	0.0038 U	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	0.0042 U	na	0.0038 U	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	0.22 U	na	0.2 U	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	0.22 U	na	0.2 U	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.28 U	na	0.25 U	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	0.38 U	na	0.35 U	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		0.42 U	na	0.38 U	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	0.22 U	na	0.2 U	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	0.57 U	na	0.52 U	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	0.42 U	na	0.38 U	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		0.42 U	na	0.38 U	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	0.42 U	na	0.38 U	na	na	na
Endrin Aldehyde	ug/kg								1.3 J	na	0.38 U	na	na	na
Endrin Ketone	ug/kg								0.76 U	na	0.69 U	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	0.22 U	na	0.2 U	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	0.22 U	na	0.2 U	na	na	na
Heptachlor Epoxide	ug/kg								0.22 U	na	0.2 U	na	na	na
Methoxychlor	ug/kg								2.2 U	na	2 U	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	0.42 U	na	0.38 U	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	0.42 U	na	0.38 U	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-028 OS-B-028(12-16)(10062016)_10/06/2016 2016-10-06 8630141 SO N Y	OS-B-028 OS-B-028(6-8)(10062016)_10/06/2016 2016-10-06 8630140 SO N N	OS-B-028 OS-B-028(6-8)(10062016)_10/06/2016 2016-10-06 8630140 SO N Y	OS-B-030 OS-B-030(11.7-13.7)(11152016) 2016-11-15 8699639 SO N N	OS-B-030 OS-B-030(11.7-13.7)(11152016) 2016-11-15 8699639 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER					
VOCs													
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		1 U	na	1 U	na	1 U
1,1,2,2-Tetrachloroethane	ug/kg								1 U	na	1 U	na	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3 U	na	2 U	na	2 U
1,1,2-Trichloroethane	ug/kg								1 U	na	1 U	na	1 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		1 U	na	1 U	na	1 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1 U	na	1 U	na	1 U
1,2,3-Trichlorobenzene	ug/kg								1 U	na	1 U	na	1 U
1,2,4-Trichlorobenzene	ug/kg								1 U	na	1 U	na	1 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		42	na	1 U	na	1 U
1,2-Dibromo-3-Chloropropane	ug/kg								3 U	na	2 U	na	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								1 U	na	1 U	na	1 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		1 U	na	1 U	na	1 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	1 U	na	1 U	na	1 U
1,2-Dichloropropane	ug/kg								1 U	na	1 U	na	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		13	na	1 U	na	1 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		1 U	na	1 U	na	1 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	1 U	na	1 U	na	1 U
2-Hexanone	ug/kg								4 U	na	3 U	na	3 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	41	na	100	na	12 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.6 U	na	0.6 U	na	0.5 U
Bromochloromethane	ug/kg								1 U	na	1 U	na	1 U
Bromodichloromethane	ug/kg								1 U	na	1 U	na	1 U
Bromoform	ug/kg								1 U	na	1 U	na	1 U
Bromomethane	ug/kg								3 U	na	2 U	na	2 U
Carbon Disulfide	ug/kg								1 U	na	1 U	na	1 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		1 U	na	1 U	na	1 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	1 U	na	1 U	na	1 U
Chloroethane	ug/kg								3 U	na	2 U	na	2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	1 U	na	1 U	na	1 U
Chloromethane	ug/kg								3 U	na	2 U	na	2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		1 U	na	1 U	na	1 U
Cis-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	1 U
Cyclohexane	ug/kg								1 U	na	1 U	na	1 U
Cymene	ug/kg								4 J	na	1 U	na	1 U
Dibromochloromethane	ug/kg								1 U	na	1 U	na	1 U
Dichlorodifluoromethane	ug/kg								3 U	na	2 U	na	2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		1 J	na	1 U	na	1 U
Isopropylbenzene (Cumene)	ug/kg								2 J	na	1 U	na	1 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	3 J	na	1 U	na	1 U
Methyl Acetate	ug/kg								3 U	na	5 J	na	2 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	5 U	na	10 J	na	4 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								4 U	na	3 U	na	3 U
Methylcyclohexane	ug/kg								1 U	na	1 U	na	1 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3 U	na	2 U	na	2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		7	na	1 U	na	1 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		6 J	na	1 U	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	5 J	na	1 U	na	1 U
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		6	na	1 U	na	1 U
Styrene	ug/kg								1 U	na	1 U	na	1 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		1 U	na	1 U	na	1 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		0.6 U	na	0.6 U	na	0.5 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	1 U	na	1 U	na	1 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1 U	na	1 U	na	1 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		1 U	na	1 U	na	1 U
Trans-1,3-Dichloropropene	ug/kg								1 U	na	1 U	na	1 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1 U	na	1 U	na	1 U
Trichlorofluoromethane	ug/kg								3 U	na	2 U	na	2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		1 U	na	1 U	na	1 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	8	na	1 U	na	1 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-030 OS-B-030(13.7-15)(11152016) 2016-11-15 8699640 SO N N	OS-B-030 OS-B-030(13.7-15)(11152016) 2016-11-15 8699640 SO N Y	OS-B-031 OS-B-031(11292016)(15-17) 2016-11-29 8719705 SO N Y	OS-B-032 OS-B-032(0.2-1)(08262019) 2019-08-26 1141901 SO N Y	OS-B-032 OS-B-032(0.2-1)(08262019) 2019-08-26 480-158324-2 SO N Y	OS-B-032 OS-B-032(0-0.2)(08262019) 2019-08-26 1141900 SO N Y	OS-B-032 OS-B-032(0-0.2)(08262019) 2019-08-26 480-158324-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	15000	na	na	na	na	na
Magnesium	mg/kg								na	15400	na	na	na	na	na
Potassium	mg/kg								na	4550	na	na	na	na	na
Sodium	mg/kg								na	377	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	na	na	na	8.5	na	8.4
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	2050	na	12300	na	10600
Metals, Total															
Aluminum	mg/kg								na	28400	na	na	na	na	na
Antimony	mg/kg								na	2.37 J	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	12.5	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	196	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	1.23 J	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.0696 U	na	na	na	na	na
Calcium	mg/kg								na	15000	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	27.2	na	na	na	na	na
Cobalt	mg/kg								na	22.7	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	45.7	na	na	na	na	na
Iron	mg/kg								na	52200	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	8.3	na	na	na	na	na
Magnesium	mg/kg								na	15400	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	1470	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.0289 J	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	43.4	na	na	na	na	na
Potassium	mg/kg								na	4550	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	3.57 J	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	1.69	na	na	na	na	na
Sodium	mg/kg								na	377	na	na	na	na	na
Thallium	mg/kg								na	5.4 J	na	na	na	na	na
Vanadium	mg/kg								na	30.6	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	126	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								31.6	na	21.7	4	na	14.3	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg														

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-030 OS-B-030(13.7-15)(11152016) 2016-11-15 8699640 SO N N	OS-B-030 OS-B-030(13.7-15)(11152016) 2016-11-15 8699640 SO N Y	OS-B-031 OS-B-031(11292016)(15-17) 2016-11-29 8719705 SO N Y	OS-B-032 OS-B-032(0.2-1)(08262019) 2019-08-26 1141901 SO N Y	OS-B-032 OS-B-032(0.2-1)(08262019) 2019-08-26 480-158324-2 SO N Y	OS-B-032 OS-B-032(0-0.2)(08262019) 2019-08-26 1141900 SO N Y	OS-B-032 OS-B-032(0-0.2)(08262019) 2019-08-26 480-158324-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	1 U	na	na	5 U	na	4.5 U
1,1,2,2-Tetrachloroethane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
1,1,2-Trichloroethane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	1 U	na	na	5 U	na	4.5 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	1 U	na	na	5 U	na	4.5 U
1,2,3-Trichlorobenzene	ug/kg								na	1 U	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	1 U	na	na	5 U	na	4.5 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	1 U	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	1 U	na	na	5 U	na	4.5 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	1 U	na	na	5 U	na	4.5 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	1 U	na	na	5 U	na	4.5 U
1,2-Dichloropropane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	1 U	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	1 U	na	na	5 U	na	4.5 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	1 U	na	na	5 U	na	4.5 U
2-Hexanone	ug/kg								na	3 U	na	na	25 U	na	22 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	11 J	na	na	6.2 J	na	60
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	0.6 U	na	na	5 U	na	4.5 U
Bromochloromethane	ug/kg								na	1 U	na	na	na	na	na
Bromodichloromethane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Bromoform	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Bromomethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
Carbon Disulfide	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	1 U	na	na	5 U	na	4.5 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	1 U	na	na	5 U	na	4.5 U
Chloroethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	1 U	na	na	5 U	na	4.5 U
Chloromethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	1 U	na	na	5 U	na	4.5 U
Cis-1,3-Dichloropropene	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Cyclohexane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Cymene	ug/kg								na	1 U	na	na	na	na	na
Dibromochloromethane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Dichlorodifluoromethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	1 U	na	na	5 U	na	4.5 U
Isopropylbenzene (Cumene)	ug/kg								na	1 U	na	na	5 U	na	4.5 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	na	na	na	na
Methyl Acetate	ug/kg								na	2 U	na	na	25 U	na	22 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	5 U	na	na	25 U	na	22 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	3 U	na	na	25 U	na	22 U
Methylcyclohexane	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	2 U	na	na	5 U	na	4.5 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	1 U	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	1 U	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	1 U	na	na	na	na	na
Styrene	ug/kg								na	1 U	na	na	5 U	na	4.5 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	1 U	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	0.6 U	na	na	5 U	na	4.5 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	1 U	na	na	5 U	na	4.5 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	1 U	na	na	0.77 J	na	0.84 J
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	1 U	na	na	5 U	na	4.5 U
Trans-1,3-Dichloropropene	ug/kg								na	1 U	na	na	5 U	na	4.5 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	1 U	na	na	5 U	na	4.5 U
Trichlorofluoromethane	ug/kg								na	2 U	na	na	5 U	na	4.5 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	1 U	na	na	5 U	na	4.5 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	1 U	na	na	10 U	na	8.9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-032	OS-B-032	OS-B-032	OS-B-032	OS-B-032	OS-B-032
									OS-B-032(14-15)(08272019)	OS-B-032(14-15)(08272019)	OS-B-032(14-20)(08272019)	OS-B-032(18-20)(08272019)	OS-B-032(108-109)(09042019)	OS-B-032(111-112)(09042019)
									2019-08-27	2019-08-27	2019-08-27	2019-08-27	2019-09-04	2019-09-04
									1141902	480-158324-3	1141903	480-158324-4	480-158726-3	480-158726-4
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	8.1	na	8.2	8.5	8.6
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	2250	na	3480	2020	2170
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								7.4	na	34.4	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	230 U	na	270 U	210 U	220 U
2,3,4,6-Tetrachlorophenol	ug/kg													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-032 OS-B-032(14-15)(08272019) 2019-08-27 1141902 SO N Y	OS-B-032 OS-B-032(14-15)(08272019) 2019-08-27 480-158324-3 SO N Y	OS-B-032 OS-B-032(18-20)(08272019) 2019-08-27 1141903 SO N Y	OS-B-032 OS-B-032(18-20)(08272019) 2019-08-27 480-158324-4 SO N Y	OS-B-032 OS-B-032(108-109)(09042019) 2019-09-04 480-158726-3 SO N Y	OS-B-032 OS-B-032(111-112)(09042019) 2019-09-04 480-158726-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,1,2,2-Tetrachloroethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,1,2-Trichloroethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,2-Dichloropropane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
2-Hexanone	ug/kg								na	27 U	na	24 U	24 U	24 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	na	17 J	na	44	180	130
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Bromoform	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Bromomethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Carbon Disulfide	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Chloroethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Chloromethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Cis-1,3-Dichloropropene	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Cyclohexane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Dichlorodifluoromethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Isopropylbenzene (Cumene)	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								na	27 U	na	24 U	24 U	24 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	na	27 U	na	24 U	24 U	24 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								na	27 U	na	24 U	24 U	24 U
Methylcyclohexane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	na	0.68 J	na	4.9 U	4.8 U	4.8 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Trans-1,3-Dichloropropene	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	na	5.5 U	na	4.9 U	4.8 U	4.8 U
Trichlorofluoromethane	ug/kg								na	5.5 U	na	4.9 U	4.8 U	4.8 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		na	5.5 U	na	4.9 U	4.8 U	4.8 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	na	11 U	na	9.7 U	9.5 U	9.6 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-032 OS-B-032(75-76)(09042019) 2019-09-04 480-158726-5 SO N Y	OS-B-033 OS-B-033(5-6)(08292019) 2019-08-29 480-158413-1 SO N Y	OS-B-033 OS-B-033(6-7)(08292019) 2019-08-29 480-158413-2 SO N Y	OS-B-033 OS-B-033(0.5-0.6)(09032019) 2019-09-03 480-158631-3 SO N Y	OS-B-033 OS-B-033(0.6-1.5)(09032019) 2019-09-03 480-158631-5 SO N Y	OS-B-033 OS-B-033(108-109)(09062019) 2019-09-06 480-158775-2 SO N Y	OS-B-033 OS-B-033(87-88)(09062019) 2019-09-06 480-158775-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER								
VOCs																
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
1,1,2,2-Tetrachloroethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,1,2-Trichloroethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na	
1,2,4-Trichlorobenzene	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	4.2 U	4.6 U	na	na	na	na	
1,2-Dibromo-3-Chloropropane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,2-Dichloropropane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	4.2 U	4.6 U	na	na	na	na	
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
2-Hexanone	ug/kg								430 U	21 U	23 U	18 U	20 U	15 U	18 UJ	
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	430 U	51	58	43	53	15 U	18 UJ	
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Bromochloromethane	ug/kg								na	na	na	na	na	na	na	
Bromodichloromethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Bromoform	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Bromomethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Carbon Disulfide	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Chloroethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Chloromethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Cis-1,3-Dichloropropene	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Cyclohexane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Cymene	ug/kg								na	4.2 U	4.6 U	na	na	na	na	
Dibromochloromethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3	3.5 UJ	
Dichlorodifluoromethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Isopropylbenzene (Cumene)	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 UJ	R	
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na	
Methyl Acetate	ug/kg								430 U	21 U	23 U	18 U	20 U	15 U	18 UJ	
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	430 U	21 U	23 U	18 U	20 U	15 U	18 UJ	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								430 U	21 U	23 U	18 U	20 U	15 U	18 UJ	
Methylcyclohexane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	4.2 U	4.6 U	na	na	na	na	
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	4.2 U	4.6 U	na	na	na	na	
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	4.2 U	4.6 U	na	na	na	na	
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na	
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	4.2 U	4.6 U	na	na	na	na	
Styrene	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	4.2 U	4.6 U	na	na	na	na	
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	86 U	4.2 U	4.6 U	0.5 J	4 U	3 U	3.5 UJ	
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Trans-1,3-Dichloropropene	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Trichlorofluoromethane	ug/kg								86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		86 U	4.2 U	4.6 U	3.6 U	4 U	3 U	3.5 UJ	
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	170 U	8.4 U	9.2 U	7.2 U	7.9 U	6.1 U	7.1 UJ	

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-034 OS-B-034(11-12)(08292019) 2019-08-29 480-158438-2 SO N Y	OS-B-034 OS-B-034(13-14)(08292019) 2019-08-29 480-158438-3 SO N Y	OS-B-034 OS-B-034(7-8)(08292019) 2019-08-29 480-158438-1 SO N Y	OS-B-034 OS-B-034(05-06)(09032019) 2019-09-03 480-158631-6 SO N Y	OS-B-034 OS-B-034(06-15)(09032019) 2019-09-03 480-158631-7 SO N Y	OS-B-034 OS-B-034(77-78)(09162019) 2019-09-16 480-159411-1 SO N Y	OS-B-034 OS-B-034(91-92)(09172019) 2019-09-17 480-159462-1 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER								
Anions																
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na	na
Cations																
Calcium	mg/kg								na	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na	na
General Chemistry																
Bicarbonate	mg/kg								na	na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na	na
pH	ph units								7.5	8.1	8.4	7.9	8.3	8.8	8.5	
Sulfate	mg/kg								na	na	na	na	na	na	na	na
Temperature	deg c								21.4	21.2	21.2	na	na	na	na	na
Total Organic Carbon	mg/kg								63800	1730	5390	75100	33300	2140 J	2940	
Metals, Total																
Aluminum	mg/kg								na	na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na	na
Other																
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na	na
PCBs																
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
Pesticides																
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380													

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Analytical Results for Other Parameters from Soil Samples
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Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-034 OS-B-034(11-12)(08292019) 2019-08-29 480-158438-2 SO N Y	OS-B-034 OS-B-034(13-14)(08292019) 2019-08-29 480-158438-3 SO N Y	OS-B-034 OS-B-034(7-8)(08292019) 2019-08-29 480-158438-1 SO N Y	OS-B-034 OS-B-034(0.5-0.6)(09032019) 2019-09-03 480-158631-6 SO N Y	OS-B-034 OS-B-034(0.6-1.5)(09032019) 2019-09-03 480-158631-7 SO N Y	OS-B-034 OS-B-034(77-78)(09162019) 2019-09-16 480-159411-1 SO N Y	OS-B-034 OS-B-034(91-92)(09172019) 2019-09-17 480-159462-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,1,2,2-Tetrachloroethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,1,2-Trichloroethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		11 U	5.7 U	5.1 U	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,2-Dichloropropane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		11 U	5.7 U	5.1 U	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
2-Hexanone	ug/kg								53 U	28 U	25 U	22 U	21 U	220 U	25 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	89	34	8.7 J	28	290	220 U	25 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Bromoform	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Bromomethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Carbon Disulfide	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Chloroethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Chloromethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Cis-1,3-Dichloropropene	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Cyclohexane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Cymene	ug/kg								11 U	5.7 U	5.1 U	na	na	na	na
Dibromochloromethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Dichlorodifluoromethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Isopropylbenzene (Cumene)	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								53 U	28 U	25 U	22 U	21 U	220 U	25 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	20 J	28 U	25 U	22 U	21 U	220 U	25 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								53 U	28 U	25 U	22 U	21 U	220 U	25 U
Methylcyclohexane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	na	na	na	na
Styrene	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	11 U	5.7 U	1.6 J	4.3 U	4.3 U	44 U	5.1 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Trans-1,3-Dichloropropene	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Trichlorofluoromethane	ug/kg								11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		11 U	5.7 U	5.1 U	4.3 U	4.3 U	44 U	5.1 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	21 U	11 U	10 U	8.6 U	8.5 U	87 U	10 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-035 OS-B-035(1-2)(08282019 2019-08-28 480-158413-4 SO N Y	OS-B-035 OS-B-35(5-6)(08292019) 2019-08-29 480-158438-13 SO N Y	OS-B-035 OS-B-035(0.5-0.6)(09032019) 2019-09-03 480-158631-8 SO N Y	OS-B-035 OS-B-035(0.6-1.5)(09032019) 2019-09-03 480-158631-9 SO N Y	OS-B-035 OS-B-035(64-65)(09232019) 2019-09-23 480-159765-1 SO N Y	OS-B-035 OS-B-035(65-66)(09232019) 2019-09-23 480-159765-2 SO N Y	OS-B-036 OS-B-036(2-3)(08292019) 2019-08-29 480-158413-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.8	7.4	8.8	8.4	9.1	8.8	8.5
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	21	na	na	na	na	na
Total Organic Carbon	mg/kg								3350	960 J	12000	9650	1000 U	3490	2580
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-035 OS-B-035(1-2)(08282019 2019-08-28 480-158413-4 SO N Y	OS-B-035 OS-B-35(5-6)(08292019) 2019-08-29 480-158438-13 SO N Y	OS-B-035 OS-B-035(0.5-0.6)(09032019) 2019-09-03 480-158631-8 SO N Y	OS-B-035 OS-B-035(0.6-1.5)(09032019) 2019-09-03 480-158631-9 SO N Y	OS-B-035 OS-B-035(64-65)(09232019) 2019-09-23 480-159765-1 SO N Y	OS-B-035 OS-B-035(65-66)(09232019) 2019-09-23 480-159765-2 SO N Y	OS-B-036 OS-B-036(2-3)(08292019) 2019-08-29 480-158413-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,1,2,2-Tetrachloroethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,1,2-Trichloroethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		1.9 J	5.5 U	na	na	na	na	4.2 U
1,2-Dibromo-3-Chloropropane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,2-Dichloropropane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		1.1 J	5.5 U	na	na	na	na	4.2 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
2-Hexanone	ug/kg								21 U	27 U	19 U	22 U	23 U	18 U	21 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	15 J	84	82	45	4.5 J	18 U	70 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	0.21 J	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Bromoform	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 UJ	3.5 UJ	4.2 U
Bromomethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Carbon Disulfide	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 UJ	3.5 UJ	4.2 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Chloroethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Chloromethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Cis-1,3-Dichloropropene	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Cyclohexane	ug/kg								4 J	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Cymene	ug/kg								4.2 U	5.5 U	na	na	na	na	4.2 U
Dibromochloromethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 UJ	3.5 UJ	4.2 U
Dichlorodifluoromethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		0.31 J	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Isopropylbenzene (Cumene)	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								21 U	27 U	19 U	22 U	23 U	18 U	21 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	21 U	27 U	19 U	22 U	23 U	18 U	21 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								21 U	27 U	19 U	22 U	23 U	18 U	21 U
Methylcyclohexane	ug/kg								6.6	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	2 J	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		1.6 J	5.5 U	na	na	na	na	4.2 U
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		4.2 U	5.5 U	na	na	na	na	4.2 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		4.2 U	5.5 U	na	na	na	na	4.2 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		0.37 J	5.5 U	na	na	na	na	4.2 U
Styrene	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		4.2 U	5.5 U	na	na	na	na	4.2 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	0.95 J	0.44 J	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Trans-1,3-Dichloropropene	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Trichlorofluoromethane	ug/kg								4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		4.2 U	5.5 U	3.9 U	4.4 U	4.7 U	3.5 U	4.2 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	1.2 J	11 U	7.7 U	8.9 U	9.4 U	7 U	8.5 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-036	OS-B-036	OS-B-036	OS-B-036	OS-B-036	OS-B-036	OS-B-036
									OS-B-36(11-12)(08292019)	OS-B-36(7-8)(08292019)	OS-B-036(0.4-0.5)(09032019)	OS-B-036(0.5-1.4)(09032019)	OS-B-036(29-30)(09192019)	OS-B-036(45-50)(09192019)	OS-B-036(50-51)(09192019)
									2019-08-29	2019-08-29	2019-09-03	2019-09-03	2019-09-19	2019-09-19	2019-09-19
									480-158438-14	480-158438-12	480-158631-10	480-158631-11	480-159576-1	480-159576-2	480-159576-3
									SO	SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8	8.1	9.3	9.2	8.2	9.4	8.8
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								21.2	21.2	na	na	20	20.1	20
Total Organic Carbon	mg/kg								760 J	1000 U	7250	8270	2520	1490	1590
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na</					

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-036 OS-B-36(11-12)(08292019) 2019-08-29 480-158438-14 SO N Y	OS-B-036 OS-B-36(7-8)(08292019) 2019-08-29 480-158438-12 SO N Y	OS-B-036 OS-B-036(0.4-0.5)(09032019) 2019-09-03 480-158631-10 SO N Y	OS-B-036 OS-B-036(0.5-1.4)(09032019) 2019-09-03 480-158631-11 SO N Y	OS-B-036 OS-B-036(29-30)(09192019) 2019-09-19 480-159576-1 SO N Y	OS-B-036 OS-B-036(45-50)(09192019) 2019-09-19 480-159576-2 SO N Y	OS-B-036 OS-B-036(50-51)(09192019) 2019-09-19 480-159576-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,1,2,2-Tetrachloroethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,1,2-Trichloroethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		6.1 U	4.8 U	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,2-Dichloropropane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		6.1 U	4.8 U	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
2-Hexanone	ug/kg								30 U	24 U	22 U	22 U	270 U	14 U	22 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	16 J	4.6 J	20 J	91	270 U	61	24 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Bromoform	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Bromomethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Carbon Disulfide	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Chloroethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Chloromethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Cis-1,3-Dichloropropene	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Cyclohexane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Cymene	ug/kg								6.1 U	4.8 U	na	na	na	na	na
Dibromochloromethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Dichlorodifluoromethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Isopropylbenzene (Cumene)	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								30 U	24 U	22 U	22 U	270 U	14 U	22 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	30 U	24 U	22 U	22 U	270 U	14 U	22 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								30 U	24 U	22 U	22 U	270 U	14 U	22 U
Methylcyclohexane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3.3 J	2.7 J	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		6.1 U	4.8 U	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		6.1 U	4.8 U	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		6.1 U	4.8 U	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		6.1 U	4.8 U	na	na	na	na	na
Styrene	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		6.1 U	4.8 U	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	0.91 J	0.36 J	4.5 U	4.4 U	55 U	2.8 U	1.1 J
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Trans-1,3-Dichloropropene	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Trichlorofluoromethane	ug/kg								6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		6.1 U	4.8 U	4.5 U	4.4 U	55 U	2.8 U	4.4 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	12 U	9.5 U	9 U	8.8 U	110 U	5.5 U	8.9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-037	OS-B-037	OS-B-037	OS-B-037	OS-B-037	OS-B-037	OS-B-038
									DUP-(4-5)(08292019)	OS-B-037(0.7-0.85)(08292019)	OS-B-037(0.85-1.7)(08292019)	OS-B-037(4-5)(08292019)	OS-B-037(15-16)(08302019)	OS-B-037(7-8)(08302019)	OS-B-038(1.2-2)(08302019)
									2019-08-29	2019-08-29	2019-08-29	2019-08-29	2019-08-30	2019-08-30	
									480-158438-7	480-158438-4	480-158438-5	480-158438-6	480-158438-11	480-158438-10	480-158438-9
									SO	SO	SO	SO	SO	SO	SO
									FD	N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.7	8.7	8.9	8.8	8.6	8.6	8.4
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								21.5	21.3	21	21.1	20.9	20.9	21.1
Total Organic Carbon	mg/kg								3460	2180	3660	2590	4430	1500	3870
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3							

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-037 DUP-(4-5)(08292019) 2019-08-29 480-158438-7 SO FD Y	OS-B-037 OS-B-037(0.7-0.85)(08292019) 2019-08-29 480-158438-4 SO N Y	OS-B-037 OS-B-037(0.85-1.7)(08292019) 2019-08-29 480-158438-5 SO N Y	OS-B-037 OS-B-037(4-5)(08292019) 2019-08-29 480-158438-6 SO N Y	OS-B-037 OS-B-037(15-16)(08302019) 2019-08-30 480-158438-11 SO N Y	OS-B-037 OS-B-037(7-8)(08302019) 2019-08-30 480-158438-10 SO N Y	OS-B-038 OS-B-038(1.2-2)(08302019) 2019-08-30 480-158438-9 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,1,2,2-Tetrachloroethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,1,2-Trichloroethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,2-Dibromo-3-Chloropropane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,2-Dichloropropane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
2-Hexanone	ug/kg								34 U	22 U	18 U	18 U	22 U	19 U	22 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	42 U	24 U	18 U	91 U	32 U	19 U	77
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Bromoform	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Bromomethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Carbon Disulfide	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Chloroethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Chloromethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Cis-1,3-Dichloropropene	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Cyclohexane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Cymene	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
Dibromochloromethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Dichlorodifluoromethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Isopropylbenzene (Cumene)	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								34 U	22 U	18 U	18 U	22 U	19 U	22 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	34 U	22 U	18 U	18 U	22 U	19 U	22 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								34 U	22 U	18 U	18 U	22 U	19 U	22 U
Methylcyclohexane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
Styrene	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 UJ	3.8 U	4.4 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	1.9 J	0.34 J	3.6 U	0.33 J	0.45 J	0.53 J	4.4 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Trans-1,3-Dichloropropene	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Trichlorofluoromethane	ug/kg								6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		6.8 U	4.4 U	3.6 U	3.7 U	4.5 U	3.8 U	4.4 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	14 U	8.7 U	7.1 U	7.4 U	8.9 U	7.5 U	8.9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-038	OS-B-038	OS-B-038	OS-B-038	OS-B-039	OS-B-039	OS-B-039
									OS-B-038(1-1.2)(08302019)	OS-B-038(9-10)(09032019)	OS-B-038(44-45)(09172019)	OS-B-038(54-55)(09172019)	OS-B-039(0.3-0.4)(09032019)	OS-B-039(0.34-1.3)(09032019)	OS-B-039(2-3)(09032019)
									2019-08-30	2019-09-03	2019-09-17	2019-09-17	2019-09-03	2019-09-03	2019-09-03
									480-158438-8	480-158631-12	480-159461-1	480-159461-2	480-158631-1	480-158631-2	480-158631-4
									SO	SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.8	8.3	8.2	8.7	8.5	8.4	8.4
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								21.3	na	na	na	na	na	na
Total Organic Carbon	mg/kg								3260	970 J	2690	2010	110000	45800	7300
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na</	

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-038 OS-B-038(1-1.2)(08302019) 2019-08-30 480-158438-8 SO N Y	OS-B-038 OS-B-038(9-10)(09032019) 2019-09-03 480-158631-12 SO N Y	OS-B-038 OS-B-038(44-45)(09172019) 2019-09-17 480-159461-1 SO N Y	OS-B-038 OS-B-038(54-55)(09172019) 2019-09-17 480-159461-2 SO N Y	OS-B-039 OS-B-039(0.3-0.4)(09032019) 2019-09-03 480-158631-1 SO N Y	OS-B-039 OS-B-039(0.34-1.3)(09032019) 2019-09-03 480-158631-2 SO N Y	OS-B-039 OS-B-039(2-3)(09032019) 2019-09-03 480-158631-4 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,1,2,2-Tetrachloroethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,1,2-Trichloroethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		5.2 U	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,2-Dichloropropane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		5.2 U	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
2-Hexanone	ug/kg								26 U	26 U	24 U	21 U	18 U	23 U	23 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	100	82	65	52 U	20	23 U	68
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	0.26 J	4.6 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Bromoform	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Bromomethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Carbon Disulfide	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Chloroethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Chloromethane	ug/kg								5.2 U	5.2 U	4.8 U	1.8 J	3.7 U	4.6 U	4.6 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Cis-1,3-Dichloropropene	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Cyclohexane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Dichlorodifluoromethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Isopropylbenzene (Cumene)	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								26 U	26 U	24 U	21 U	18 U	23 U	23 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	26 U	26 U	24 U	21 U	18 U	23 U	23 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								26 U	26 U	24 U	21 U	18 U	23 U	23 U
Methylcyclohexane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	0.56 J	4.6 U	4.6 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		5.2 U	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		5.2 U	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		5.2 U	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		5.2 U	na	na	na	na	na	na
Styrene	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		5.2 U	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	1.5 J	4.6 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Trans-1,3-Dichloropropene	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Trichlorofluoromethane	ug/kg								5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.2 U	5.2 U	4.8 U	4.1 U	3.7 U	4.6 U	4.6 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	10 U	10 U	9.6 U	8.3 U	7.3 U	9.1 U	9.2 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: OS-B-039									OS-B-039	OS-B-039	OS-B-039	OS-B-039	OS-B-039	OS-B-040	OS-B-040
Sample ID: DUP(09052019)									OS-B-039(10-11)(09052019)	OS-B-039(6-9)(09052019)	OS-B-039(6-9)(09052019)	OS-B-039(60-61)(09192019)	OS-B-039(66-67)(09192019)	OS-B-040(0.3-0.4)(09042019)	OS-B-040(0.4-1.3)(09042019)
Date: 2019-09-05									2019-09-05	2019-09-05	2019-09-05	2019-09-19	2019-09-19	2019-09-04	2019-09-04
Laboratory Sample ID: 480-158779-3									480-158779-3	480-158779-2	480-158779-1	480-159575-1	480-159575-2	480-158726-1	480-158726-2
Matrix: SO									SO	SO	SO	SO	SO	SO	SO
Sample Type: FD									N	N	N	N	N	N	N
Validate - Y/N									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,1,2,2-Tetrachloroethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,1,2-Trichloroethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,2-Dichloropropane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
2-Hexanone	ug/kg								31 U	24 U	16 U	18 U	22 U	200 U	240 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	31 U	24 U	16 U	18 U	22 U	200 U	240 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Bromoform	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Bromomethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Carbon Disulfide	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		6.3 U	4.7 U	3.1 U	3.6 UJ	4.4 UJ	40 U	48 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Chloroethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Chloromethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Cis-1,3-Dichloropropene	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Cyclohexane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 UJ	4.4 UJ	40 U	48 U
Dichlorodifluoromethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Isopropylbenzene (Cumene)	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								31 U	24 U	16 U	18 U	22 U	200 U	240 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	31 U	24 U	16 U	18 U	22 UJ	200 U	240 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								31 U	24 U	16 U	18 U	22 U	200 U	240 U
Methylcyclohexane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	6.3 U	4.7 U	4.4	3.6 U	4.4 U	40 U	48 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Trans-1,3-Dichloropropene	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 UJ	40 U	48 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	110	150
Trichlorofluoromethane	ug/kg								6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		6.3 U	4.7 U	3.1 U	3.6 U	4.4 U	40 U	48 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	13 U	9.4 U	6.2 U	7.2 U	8.8 U	80 U	95 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-040 DUP(09182019) 2019-09-18 480-159546-5 SO FD Y	OS-B-040 OS-B-040(10-11)(09182019) 2019-09-18 480-159546-2 SO N Y	OS-B-040 OS-B-040(14-15)(09182019) 2019-09-18 480-159546-3 SO N Y	OS-B-040 OS-B-040(16-17)(09182019) 2019-09-18 480-159546-4 SO N Y	OS-B-040 OS-B-040(8-9)(09182019) 2019-09-18 480-159546-1 SO N Y	OS-B-041 OS-B-041(0-2-1)(09052019) 2019-09-05 480-158782-1 SO N Y	OS-B-041 OS-B-041(0-0.2)(09052019) 2019-09-05 480-158782-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER								
Anions																
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na	na
Cations																
Calcium	mg/kg								na	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na	na
General Chemistry																
Bicarbonate	mg/kg								na	na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na	na
pH	ph units								7.9	7.7	7.7	8.7	7.6	7.9	7.9	7.9
Sulfate	mg/kg								na	na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								1000	3920	790 J	2640	2850	22500	20900	20900
Metals, Total																
Aluminum	mg/kg								na	na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na	na
Other																
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na	na
PCBs																
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na	na
Pesticides																
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na	na

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: OS-B-040									OS-B-040	OS-B-040	OS-B-040	OS-B-040	OS-B-040	OS-B-041	OS-B-041
Sample ID: DUP(09182019)									OS-B-040(14-15)(09182019)	OS-B-040(16-17)(09182019)	OS-B-040(8-9)(09182019)	OS-B-041(0 2.1)(09052019)	OS-B-041(0-0.2)(09052019)	OS-B-041(0-0.2)(09052019)	OS-B-041(0-0.2)(09052019)
Date: 2019-09-18									2019-09-18	2019-09-18	2019-09-18	2019-09-18	2019-09-18	2019-09-05	2019-09-05
Laboratory Sample ID: 480-159546-5									480-159546-2	480-159546-3	480-159546-4	480-159546-1	480-158782-1	480-158782-2	480-158782-2
Matrix: SO									SO	SO	SO	SO	SO	SO	SO
Sample Type: FD									N	N	N	N	N	N	N
Validate - Y/N									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,1,2,2-Tetrachloroethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,1,2-Trichloroethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,2-Dichloropropane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
2-Hexanone	ug/kg								29 U	24 U	30 U	200 U	23 U	32 U	17 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	29 U	83	94	200 U	23 U	32 U	17 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.9 U	0.28 J	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Bromoform	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Bromomethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Carbon Disulfide	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Chloroethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Chloromethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Cis-1,3-Dichloropropene	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Cyclohexane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Dichlorodifluoromethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Isopropylbenzene (Cumene)	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								29 U	7.6 J	5.3 J	200 U	23 U	32 U	17 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	29 U	24 U	30 U	200 U	23 U	32 U	17 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								29 U	24 U	30 U	200 U	23 U	32 U	17 U
Methylcyclohexane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.9 U	4.9 U	3.3 J	40 U	4.5 U	6.3 U	3.4 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.9 U	4.9 U	6.1 U	40 U	4.5 U	1.1 J	3.4 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.9 U	1.3 J	0.8 J	40 U	4.5 U	2.1 J	3.4 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Trans-1,3-Dichloropropene	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.9 U	4.2 J	6.1 U	110	3.7 J	6.3 U	3.4 U
Trichlorofluoromethane	ug/kg								5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.9 U	4.9 U	6.1 U	40 U	4.5 U	6.3 U	3.4 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	12 U	9.8 U	12 U	80 U	9 U	13 U	6.9 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-041	OS-B-041	OS-B-041	OS-B-041	OS-B-042	OS-B-042	OS-B-042
									OS-B-041(11-12)(09242019)	OS-B-041(16-18)(09242019)	OS-B-041(18-20)(09242019)	OS-B-041(38-39)(09242019)	OS-B-042(10-11)(09262019)	OS-B-042(33-34)(09262019)	OS-B-042(8-9)(09262019)
									2019-09-24	2019-09-24	2019-09-24	2019-09-24	2019-09-26	2019-09-26	2019-09-26
									480-159745-1	480-159745-2	480-159745-3	480-159745-4	480-159944-3	480-159944-4	480-159944-1
									SO	SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	19900
Magnesium	mg/kg								na	na	na	na	na	na	13600
Potassium	mg/kg								na	na	na	na	na	na	6310
Sodium	mg/kg								na	na	na	na	na	na	368
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.4	7.4	8.2	8.3	8.4	8.3	8.8
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								19.4	19.3	19.3	19.2	na	na	na
Total Organic Carbon	mg/kg								13300	22800	2180	5550	1270	1340	840 J
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	28100
Antimony	mg/kg								na	na	na	na	na	na	3.2 J
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	8.8
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	245
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	1.3
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	0.3 U
Calcium	mg/kg								na	na	na	na	na	na	19900
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	29.5
Cobalt	mg/kg								na	na	na	na	na	na	20.8
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	37.3
Iron	mg/kg								na	na	na	na	na	na	41600
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	26.8
Magnesium	mg/kg								na	na	na	na	na	na	13600
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	795
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	0.032
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	41.5
Potassium	mg/kg								na	na	na	na	na	na	6310
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	6 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	0.89 U
Sodium	mg/kg								na	na	na	na	na	na	368
Thallium	mg/kg								na	na	na	na	na	na	8.9 U
Vanadium	mg/kg								na	na	na	na	na	na	35
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	109
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	1.3 U
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	0.35 U
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	2.4 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	2.4 U
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	2.4 U
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	2.4 U
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	0.72 J
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	2.4 U
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	2.4 U
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	2.4 U
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	2.4 U
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	2.4 U
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	2.4 U
Endrin Ketone	ug/kg								na	na	na	na	na	na	2.4 U
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	2.4 U
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	2.4 U
Heptachlor Epoxide															

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-041 OS-B-041(11-12)(09242019) 2019-09-24 480-159745-1 SO N Y	OS-B-041 OS-B-041(16-18)(09242019) 2019-09-24 480-159745-2 SO N Y	OS-B-041 OS-B-041(18-20)(09242019) 2019-09-24 480-159745-3 SO N Y	OS-B-041 OS-B-041(38-39)(09242019) 2019-09-24 480-159745-4 SO N Y	OS-B-042 OS-B-042(10-11)(09262019) 2019-09-26 480-159944-3 SO N Y	OS-B-042 OS-B-042(33-34)(09262019) 2019-09-26 480-159944-4 SO N Y	OS-B-042 OS-B-042(8-9)(09262019) 2019-09-26 480-159944-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,1,2,2-Tetrachloroethane	ug/kg								4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,1,2-Trichloroethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		4 U	4.7 U	140 U	4.8 UJ	0.7 J	45 J	5.3 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		4 U	4.7 U	140 U	4.8 UJ	3.5 J	71 U	5.3 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,2-Dichloropropane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
2-Hexanone	ug/kg								20 U	24 U	720 U	24 UJ	25 U	360 U	26 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	9.7 J	170	720 U	180 J	25 U	360 U	26 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	4 U	4.7 U	65 J	4.8 UJ	4.9 U	71 U	5.3 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Bromoform	ug/kg								4 UJ	4.7 UJ	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Bromomethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Carbon Disulfide	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		4 UJ	4.7 UJ	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Chloroethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Chloromethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Cis-1,3-Dichloropropene	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Cyclohexane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								4 UJ	4.7 UJ	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Dichlorodifluoromethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Isopropylbenzene (Cumene)	ug/kg								4 U	4.7 U	140 U	R	4.9 U	71 U	5.3 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								20 U	29	720 U	24 UJ	25 U	360 U	26 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	20 U	6.7 J	720 U	5.1 J	25 U	280 J	26 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								20 U	24 U	720 U	24 UJ	25 U	360 U	26 U
Methylcyclohexane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	4 U	4.7 U	140 U	3 J	5.3 U	130 U	5.3 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	4 U	4.7 U	46 J	4.8 UJ	4.9 U	71 U	5.3 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	4 U	4.7 U	140 U	1.3 J	4.9 U	71 U	5.3 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Trans-1,3-Dichloropropene	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	4 U	4.7 U	5900	4.8 UJ	4.9 U	71 U	5.3 U
Trichlorofluoromethane	ug/kg								4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		4 U	4.7 U	140 U	4.8 UJ	4.9 U	71 U	5.3 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	8.1 U	9.4 U	290 U	9.6 UJ	9.8 U	140 U	11 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-042 OS-B-042(9-10)(09262019) 2019-09-26 480-159944-2 SO N Y	OS-B-043 OS-B-043(45-46)(09252019) 2019-09-25 480-159896-4 SO N Y	OS-B-043 OS-B-043(6-7)(09252019) 2019-09-25 480-159880-1 SO N Y	OS-B-043 OS-B-043(6-7)(09252019) 2019-09-25 480-159896-1 SO N Y	OS-B-043 OS-B-043(7-8)(09252019) 2019-09-25 480-159896-2 SO N Y	OS-B-043 OS-B-043(8-9)(09252019) 2019-09-25 480-159896-3 SO N Y	OS-B-044 OS-B-044(11-12)(09262019) 2019-09-26 480-159948-2 SO N Y	
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER								
Anions																
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na	na
Cations																
Calcium	mg/kg								na	na	5530	na	na	na	na	na
Magnesium	mg/kg								na	na	5360	na	na	na	na	na
Potassium	mg/kg								na	na	2090	na	na	na	na	na
Sodium	mg/kg								na	na	147 J	na	na	na	na	na
General Chemistry																
Bicarbonate	mg/kg								na	na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na	na
pH	ph units								8.6	8.4	na	8.4	8.4	8.4	na	8.7
Sulfate	mg/kg								na	na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								1460	1250	na	na	1750	8390	2390	
Metals, Total																
Aluminum	mg/kg								na	na	13400	na	na	na	na	na
Antimony	mg/kg								na	na	1.8 J	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	6.5	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	93.4	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	0.63	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	0.072 J	na	na	na	na	na
Calcium	mg/kg								na	na	5530	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	17.5	na	na	na	na	na
Cobalt	mg/kg								na	na	11	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	27.4	na	na	na	na	na
Iron	mg/kg								na	na	25800	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	48.2	na	na	na	na	na
Magnesium	mg/kg								na	na	5360	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	763	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	0.097	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	24.7	na	na	na	na	na
Potassium	mg/kg								na	na	2090	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	4.9 U	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	0.73 U	na	na	na	na	na
Sodium	mg/kg								na	na	147 J	na	na	na	na	na
Thallium	mg/kg								na	na	7.3 U	na	na	na	na	na
Vanadium	mg/kg								na	na	18.7	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	79	na	na	na	na	na
Other																
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	1.1 U	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na	na
PCBs																
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.26 U	na	na	na	na	na
Pesticides																
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	1.9 U	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	1.9 U	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	1.9 U	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	1.9 U	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	1.9 U	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	1.9 U	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	1.9 U	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	1.9 U	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	1.9 U	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	1.9 U	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	0.51 J	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	0.67 J	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	0.4 J	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	2900									

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-042 OS-B-042(9-10)(09262019) 2019-09-26 480-159944-2 SO N Y	OS-B-043 OS-B-043(45-46)(09252019) 2019-09-25 480-159896-4 SO N Y	OS-B-043 OS-B-043(6-7)(09252019) 2019-09-25 480-159880-1 SO N Y	OS-B-043 OS-B-043(6-7)(09252019) 2019-09-25 480-159896-1 SO N Y	OS-B-043 OS-B-043(7-8)(09252019) 2019-09-25 480-159896-2 SO N Y	OS-B-043 OS-B-043(8-9)(09252019) 2019-09-25 480-159896-3 SO N Y	OS-B-044 OS-B-044(11-12)(09262019) 2019-09-26 480-159948-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.1 U	4.9 U	na	4.8 U	0.92 J	7.7	1400 U
1,1,2,2-Tetrachloroethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,1,2-Trichloroethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.1 U	18	na	4.8 U	5.6 U	1.7 J	1400 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		1.2 J	4.9 U	na	4.8 U	5.6 U	2 J	1400 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,2-Dichloropropane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
2-Hexanone	ug/kg								25 U	24 U	na	24 U	28 U	24 U	7100 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	25 U	24 U	na	47	24 J	10 J	7100 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.1 U	4.9 U	na	0.44 J	5.6 U	4.9 U	1400 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Bromoform	ug/kg								5.1 U	4.9 UJ	na	4.8 U	5.6 U	4.9 U	1400 U
Bromomethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Carbon Disulfide	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Chloroethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Chloromethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Cis-1,3-Dichloropropene	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Cyclohexane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Dichlorodifluoromethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Isopropylbenzene (Cumene)	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								25 U	24 U	na	24 U	28 U	24 U	7100 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	25 U	24 U	na	24 U	28 U	24 U	7100 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								25 U	24 U	na	24 U	28 U	24 U	7100 U
Methylcyclohexane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	410 J
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.1 U	4.9 U	na	1.9 J	5.6 U	4.9 U	1400 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Trans-1,3-Dichloropropene	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	49000
Trichlorofluoromethane	ug/kg								5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.1 U	4.9 U	na	4.8 U	5.6 U	4.9 U	1400 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	10 U	9.7 U	na	9.6 U	11 U	9.8 U	2800 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-044	OS-B-044	OS-B-045	OS-B-045	OS-B-045	OS-B-045	OS-B-045
									OS-B-044(38-39)(09262019)	OS-B-044(6-8)(09262019)	DUP-09302019	OS-B-045(17.5-18)(09302019)	OS-B-045(9-10)(09302019)	OS-B-045(20-21)(10012019)	OS-B-045(39-40)(10012019)
									2019-09-26	2019-09-26	2019-09-30	2019-09-30	2019-09-30	2019-10-01	2019-10-01
									480-159948-3	480-159948-1	480-160165-2	480-160165-3	480-160165-1	480-160165-4	480-160165-5
									SO	SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	4040 J	2350 J	na	1070 J	na	na
Magnesium	mg/kg								na	7260	5040	na	4320	na	na
Potassium	mg/kg								na	1420 J	2010 J	na	1350 J	na	na
Sodium	mg/kg								na	218	178	na	135 J	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								8.8	na	na	8.3	8.4	8.9	8.5
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								1980	na	na	770 J	6240	2320	2230
Metals, Total															
Aluminum	mg/kg								na	12800	14300	na	12300	na	na
Antimony	mg/kg								na	1.3 J	16.8 U	na	16.2 U	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	8.8	4.5	na	5.1	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	62.5 J	79.1	na	67.8	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	0.48	0.46	na	0.37	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	0.091 J	0.22 U	na	0.22 U	na	na
Calcium	mg/kg								na	4040 J	2350 J	na	1070 J	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	12.6	21.9	na	15.9	na	na
Cobalt	mg/kg								na	9.8	10.9	na	11.2	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	28.3	19.6 J	na	38.9 J	na	na
Iron	mg/kg								na	29700	24300	na	23600	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	18.1	11.3	na	8.7	na	na
Magnesium	mg/kg								na	7260	5040	na	4320	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	869	724	na	860	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	0.027	0.024	na	0.019 J	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	27.3	25.4	na	22.6	na	na
Potassium	mg/kg								na	1420 J	2010 J	na	1350 J	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	5.3 U	4.5 U	na	4.3 U	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	0.79 U	0.67 U	na	0.65 U	na	na
Sodium	mg/kg								na	218	178	na	135 J	na	na
Thallium	mg/kg								na	7.9 U	6.7 U	na	6.5 U	na	na
Vanadium	mg/kg								na	14.2	16	na	12.1	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	84 J	60.9	na	60.2	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	1.3 U	1.1 U	na	1 U	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	0.23 U	0.24 U	na	0.21 U	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	22 U	1.9 U	na	1.8 U	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	22 U	1.9 U	na	1.8 U	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	22 U	1.9 U	na	1.8 U	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	22 U	1.9 U	na	1.8 U	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	22 U	1.9 U	na	0.52 J	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	22 U	1.9 U	na	1.8 U	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	22 U	1.9 U	na	1.8 U	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	22 U	1.9 U	na	1.8 U	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	22 U	1.9 U	na	1.8 U	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	22 U	1.9 U	na	1.8 U	na	na
Endrin Aldehyde	ug/kg								na	22 U	1.9 U	na	1.8 U	na	na
Endrin Ketone	ug/kg								na	22 U	1.9 U	na	1.8 U	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	22 U	1.9 U	na	1.8 U	na	na
Heptachlor	ug/kg														

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-044 OS-B-044(38-39)(09262019) 2019-09-26 480-159948-3 SO N Y	OS-B-044 OS-B-044(6-8)(09262019) 2019-09-26 480-159948-1 SO N Y	OS-B-045 DUP-09302019 2019-09-30 480-160165-2 SO FD Y	OS-B-045 OS-B-045(17.5-18)(09302019) 2019-09-30 480-160165-3 SO N Y	OS-B-045 OS-B-045(9-10)(09302019) 2019-09-30 480-160165-1 SO N Y	OS-B-045 OS-B-045(20-21)(10012019) 2019-10-01 480-160165-4 SO N Y	OS-B-045 OS-B-045(39-40)(10012019) 2019-10-01 480-160165-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.6 U	28 J	na	58 U	3.8 U	4.5 U	5.2 U
1,1,2,2-Tetrachloroethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,1,2-Trichloroethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600		52000	190000	380000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
1,2-Dibromo-3-Chloropropane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,2-Dichloropropane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
2-Hexanone	ug/kg								28 U	390 U	na	290 U	19 U	23 U	26 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	5.6 J	390 U	na	290 U	19 U	23 U	26 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Bromoform	ug/kg								5.6 UJ	78 U	na	58 U	3.8 UJ	4.5 U	5.2 UJ
Bromomethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Carbon Disulfide	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Chloroethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Chloromethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Cis-1,3-Dichloropropene	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Cyclohexane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Cymene	ug/kg								na	na	na	58 U	3.8 U	4.5 U	5.2 U
Dibromochloromethane	ug/kg								5.6 U	78 U	na	58 U	3.8 UJ	4.5 U	5.2 UJ
Dichlorodifluoromethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Isopropylbenzene (Cumene)	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								28 U	390 U	na	290 U	19 U	23 U	26 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	28 U	390 U	na	190 J	19 U	23 U	26 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								28 U	390 U	na	290 U	19 U	23 U	26 U
Methylcyclohexane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.6 U	22 J	na	80 U	3.8 U	4.5 U	5.2 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
Styrene	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	58 U	3.8 U	4.5 U	5.2 U
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.6 U	41 J	na	58 U	3.8 U	4.5 U	5.2 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Trans-1,3-Dichloropropene	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.6 U	370	na	270	1.3 J	4.5 U	5.2 U
Trichlorofluoromethane	ug/kg								5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.6 U	78 U	na	58 U	3.8 U	4.5 U	5.2 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	11 U	160 U	na	120 U	7.6 U	9.1 U	10 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-046	OS-B-047	OS-B-047	OS-B-047	OS-B-047	OS-B-047
									OS-B-046(18-20)(09252019)	OS-B-047(0.6-0.8)(10022019)	OS-B-047(0.8-1.6)(10022019)	OS-B-047(7-8)(10022019)	OS-B-047(89-90)(10032019)	OS-B-047(118-119)(10042019)
									2019-09-25	2019-10-02	2019-10-02	2019-10-02	2019-10-03	2019-10-04
									480-159899-1	480-160318-1	480-160318-2	480-160318-3	480-160368-4	480-160368-6
Matrix: Sample Type: Validate - Y/N									SO N Y	SO N Y	SO N Y	SO N Y	SO N Y	SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								1750	na	na	na	na	na
Magnesium	mg/kg								5880	na	na	na	na	na
Potassium	mg/kg								2200	na	na	na	na	na
Sodium	mg/kg								423	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	9.1	8.9	8.1	8.9	8.8
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	6080	14000	2290	1600	1730
Metals, Total														
Aluminum	mg/kg								13300	na	na	na	na	na
Antimony	mg/kg								1.5 J	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	4.9	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	104	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	0.48	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	0.09 J	na	na	na	na	na
Calcium	mg/kg								1750	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	24.6	na	na	na	na	na
Cobalt	mg/kg								9	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	22.6	na	na	na	na	na
Iron	mg/kg								26600	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	13.8	na	na	na	na	na
Magnesium	mg/kg								5880	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	1240	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.029	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	23.8	na	na	na	na	na
Potassium	mg/kg								2200	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	4.6 U	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	0.69 U	na	na	na	na	na
Sodium	mg/kg								423	na	na	na	na	na
Thallium	mg/kg								6.9 U	na	na	na	na	na
Vanadium	mg/kg								17.4	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	61.9	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	0.21 U	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	25000							

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-046 OS-B-046(18-20)(09252019) 2019-09-25 480-159899-1 SO N Y	OS-B-047 OS-B-047(0.6-0.8)(10022019) 2019-10-02 480-160318-1 SO N Y	OS-B-047 OS-B-047(0.8-1.6)(10022019) 2019-10-02 480-160318-2 SO N Y	OS-B-047 OS-B-047(7-8)(10022019) 2019-10-02 480-160318-3 SO N Y	OS-B-047 OS-B-047(89-90)(10032019) 2019-10-03 480-160368-4 SO N Y	OS-B-047 OS-B-047(118-119)(10042019) 2019-10-04 480-160368-6 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		88	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,1,2,2-Tetrachloroethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,1,2-Trichloroethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	4.8 U	3.7 U	4.6 U	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,2-Dichloropropane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	4.8 U	3.7 U	4.6 U	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
2-Hexanone	ug/kg								270 U	24 U	19 U	23 U	21 U	24 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	270 U	30 U	19 U	23 U	21 U	24 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Bromoform	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Bromomethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Carbon Disulfide	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Chloroethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Chloromethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Cis-1,3-Dichloropropene	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Cyclohexane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Cymene	ug/kg								na	4.8 U	3.7 U	4.6 U	na	na
Dibromochloromethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Dichlorodifluoromethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Isopropylbenzene (Cumene)	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								270 U	24 U	19 U	23 U	21 U	24 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	270 U	1.8 J	19 U	23 U	21 U	24 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								270 U	24 U	19 U	23 U	21 U	24 U
Methylcyclohexane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	35 J	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	4.8 U	3.7 U	4.6 U	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	4.8 U	3.7 U	4.6 U	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	4.8 U	3.7 U	4.6 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	4.8 U	3.7 U	4.6 U	na	na
Styrene	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	4.8 U	3.7 U	4.6 U	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Trans-1,3-Dichloropropene	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	790	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Trichlorofluoromethane	ug/kg								54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		54 U	4.8 U	3.7 U	4.6 U	4.3 U	4.8 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	110 U	9.5 U	7.4 U	9.3 U	8.5 U	9.6 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-048 OS-B-048(0.17-1)(12052019)-S1 2019-12-05 480-163716-2 SO N Y	OS-B-048 OS-B-048(0-0.17)(12052019)-S1 2019-12-05 480-163716-1 SO N Y	OS-B-048 DUP(12162019)-E1 2019-12-16 480-164366-3 SO FD Y	OS-B-048 OS-B-048(12-13)(12162019)-E1 2019-12-16 480-164366-4 SO N Y	OS-B-048 OS-B-048(6-7)(12162019)-E1 2019-12-16 480-164366-1 SO N Y	OS-B-048 OS-B-048(9-10)(12162019)-E1 2019-12-16 480-164366-2 SO N Y	OS-B-051 JS-DUP-SO(10012020) 2020-10-01 460-219736-6 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								7.4	7.1	8.5	8.6	7.2	8.1	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								11400 J	24800	4770	2010	10000	3530	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na						

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-048 OS-B-048(0.17-1)(12052019)-S1 2019-12-05 480-163716-2 SO N Y	OS-B-048 OS-B-048(0-0.17)(12052019)-S1 2019-12-05 480-163716-1 SO N Y	OS-B-048 DUP(12162019)-E1 2019-12-16 480-164366-3 SO FD Y	OS-B-048 OS-B-048(12-13)(12162019)-E1 2019-12-16 480-164366-4 SO N Y	OS-B-048 OS-B-048(6-7)(12162019)-E1 2019-12-16 480-164366-1 SO N Y	OS-B-048 OS-B-048(9-10)(12162019)-E1 2019-12-16 480-164366-2 SO N Y	OS-B-051 JS-DUP-SO(10012020) 2020-10-01 460-219736-6 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,1,2,2-Tetrachloroethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,1,2-Trichloroethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								3.6 UJ	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		3.6 UJ	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,2-Dichloropropane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		3.6 UJ	4.8 UJ	4.4 UJ	4.9 UJ	4.8 U	4.6 U	0.75 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	3.6 UJ	4.8 UJ	4.4 UJ	4.9 UJ	4.8 U	4.6 U	0.75 U
2-Hexanone	ug/kg								18 U	24 UJ	22 UJ	25 U	24 U	23 U	3.8 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	18 U	24 UJ	22 J	25 U	24 U	37 U	20 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Bromoform	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Bromomethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Carbon Disulfide	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Chloroethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Chloromethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Cis-1,3-Dichloropropene	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Cyclohexane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Dichlorodifluoromethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		3.6 UJ	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Isopropylbenzene (Cumene)	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								18 U	24 UJ	22 UJ	25 UJ	24 UJ	23 UJ	3.8 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	18 U	24 UJ	22 UJ	25 UJ	7.6 J	23 UJ	3.8 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								18 U	24 UJ	22 UJ	25 U	24 U	23 U	3.8 U
Methylcyclohexane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.76 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								3.6 UJ	4.8 UJ	4.4 UJ	4.9 UJ	4.8 U	4.6 U	0.75 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Trans-1,3-Dichloropropene	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	2.9
Trichlorofluoromethane	ug/kg								3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		3.6 U	4.8 UJ	4.4 UJ	4.9 U	4.8 U	4.6 U	0.75 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	0.65 J	9.5 UJ	8.8 UJ	9.9 U	9.6 U	9.2 U	1.5 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-051 OS-B-051(119-120)(10012020) 2020-10-01 460-219736-2 SO N Y	OS-B-051 OS-B-051(123-124)(10012020) 2020-10-01 460-219736-3 SO N Y	OS-B-051 OS-B-051(135-136)(10012020) 2020-10-01 460-219736-4 SO N Y	OS-B-051 OS-B-051(139-140)(10012020) 2020-10-01 460-219736-5 SO N Y	OS-B-052 OS-B-052(121-122)(09232020) 2020-09-23 460-219182-2 SO N Y	OS-B-052 OS-B-052(124-125)(09232020) 2020-09-23 460-219182-3 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dichlorophenol	ug/kg								na	na	na	na	na	na
2,4-Dimethylphenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrophenol	ug/kg								na	na	na	na	na	na
2,4-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2,6-Dinitrotoluene	ug/kg								na	na	na	na	na	na
2-Chloronaphthalene	ug/kg								na	na	na	na	na	na
2-Chlorophenol	ug/kg								na	na	na	na	na	na
2-Methylnaphthalene	ug/kg								na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/kg	330	330	100000	100000	500000	1000000		na	na	na	na	na	na
2-Nitroaniline	ug/kg								na	na	na	na	na	na
2-Nitrophenol	ug/kg								na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/kg								na	na	na	na	na	na
3-Nitroaniline	ug/kg								na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/kg								na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/kg								na	na	na	na	na	na
4-Chloroaniline	ug/kg								na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/kg								na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/kg	330	330	34000	100000	500000	1000000		na	na	na	na	na	na
4-Nitroaniline	ug/kg								na	na	na	na	na	na
4-Nitrophenol	ug/kg								na	na	na	na	na	na
Acenaphthene	ug/kg	20000	98000	100000	100000	500000	1000000	20000	na	na	na	na	na	na
Acenaphthylene	ug/kg	100000	107000	100000	100000	500000	1000000		na	na	na	na	na	na
Acetophenone	ug/kg								na	na	na	na	na	na
Anthracene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na	na
Atrazine	ug/kg								na	na	na	na	na	na
Benzaldehyde	ug/kg								na	na	na	na	na	na
Benzo(A)Anthracene	ug/kg	1000	1000	1000	1000	5600	11000		na	na	na	na	na	na
Benzo(A)Pyrene	ug/kg	1000	22000	1000	1000	1000	1100	2600	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/kg	1000	1700	1000	1000	5600	11000		na	na	na	na	na	na
Benzo(G,H,I)Perylene	ug/kg	100000	1000000	100000	100000	500000	1000000		na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/kg	800	1700											

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-051 OS-B-051(119-120)(10012020) 2020-10-01 460-219736-2 SO N Y	OS-B-051 OS-B-051(123-124)(10012020) 2020-10-01 460-219736-3 SO N Y	OS-B-051 OS-B-051(135-136)(10012020) 2020-10-01 460-219736-4 SO N Y	OS-B-051 OS-B-051(139-140)(10012020) 2020-10-01 460-219736-5 SO N Y	OS-B-052 OS-B-052(121-122)(09232020) 2020-09-23 460-219182-2 SO N Y	OS-B-052 OS-B-052(124-125)(09232020) 2020-09-23 460-219182-3 SO N Y
Analyte VOCs	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		3900	120 U	130 J	0.69 U	720 J	560
1,1,2,2-Tetrachloroethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								90 U	120 U	240 U	0.69 UJ	220 U	160 U
1,1,2-Trichloroethane	ug/kg								90 U	120 U	240 U	0.69 U	100 J	68 J
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		790	1400	210 J	0.69 U	12000 J	7700
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		330	100 J	83 J	0.69 UJ	290 J	150 J
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		90 U	120 U	240 U	0.69 U	220 U	160 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	90 U	120 U	240 U	0.69 U	220 U	160 U
1,2-Dichloropropane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		90 U	120 U	240 U	0.69 U	220 U	160 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	90 U	120 U	240 U	0.69 U	220 U	160 U
2-Hexanone	ug/kg								450 U	620 U	1200 U	3.4 U	1100 U	780 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	1000	1900	1200 U	15 U	4100 J	2000
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	90 U	120 U	240 U	0.69 U	220 U	160 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Bromoform	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Bromomethane	ug/kg								90 UJ	120 UJ	240 U	0.69 U	220 U	160 U
Carbon Disulfide	ug/kg								90 U	120 U	240 U	0.32 J	220 U	160 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		90 U	120 U	240 U	0.69 U	220 U	160 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	90 U	120 U	240 U	0.69 U	220 U	160 U
Chloroethane	ug/kg								90 UJ	120 UJ	240 U	0.69 U	220 UJ	160 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	90 U	120 U	240 U	0.69 U	220 U	160 U
Chloromethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		69 J	49 J	210 J	0.69 U	81 J	59 J
Cis-1,3-Dichloropropene	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Cyclohexane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Dichlorodifluoromethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		90 U	120 U	240 U	0.69 U	220 U	160 U
Isopropylbenzene (Cumene)	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								450 U	340 J	1200 U	3.4 U	500 J	360 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	450 U	620 U	1200 U	3.4 U	1100 U	780 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								450 U	620 U	1200 U	3.4 U	1100 U	780 U
Methylcyclohexane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	90 U	120 U	240 U	0.72 U	220 U	160 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		90 U	120 U	240 U	0.69 U	220 U	160 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	90 U	120 U	91 J	0.69 U	220 U	94 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	300	180	250	0.94 U	440 J	340
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		90 U	120 U	240 U	0.69 U	220 U	160 U
Trans-1,3-Dichloropropene	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	36000	34000	60000	3.9 J	80000 J	49000
Trichlorofluoromethane	ug/kg								90 U	120 U	240 U	0.69 U	220 U	160 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		44 J	120 U	240 U	0.69 U	54 J	160 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	180 U	250 U	490 U	1.4 U	440 U	310 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-052	OS-B-052	OS-B-052	OS-B-053	OS-B-053	OS-B-055
									OS-B-052(137-138)(09232020)	OS-B-052(138-139)(09232020)	OS-B-052(140-141)(09242020)	OS-B-053(142-143)(09212020)	OS-B-053(146-147)(09212020)	OS-B-055(148-149)(11022020)
									2020-09-23	2020-09-23	2020-09-24	2020-09-21	2020-09-21	2020-11-02
									460-219182-5	460-219182-4	460-219182-6	460-218877-1	460-218877-2	460-222030-1
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130								

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-052 OS-B-052(137-138)(09232020) 2020-09-23 460-219182-5 SO N Y	OS-B-052 OS-B-052(138-139)(09232020) 2020-09-23 460-219182-4 SO N Y	OS-B-052 OS-B-052(140-141)(09242020) 2020-09-24 460-219182-6 SO N Y	OS-B-053 OS-B-053(142-143)(09212020) 2020-09-21 460-218877-1 SO N Y	OS-B-053 OS-B-053(146-147)(09212020) 2020-09-21 460-218877-2 SO N Y	OS-B-055 OS-B-055(148-149)(11022020) 2020-11-02 460-222030-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		320 U	230 U	76 U	690	4900	R
1,1,2,2-Tetrachloroethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,1,2-Trichloroethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		800	840	890	630	420	R
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		150 J	120 J	39 J	100 J	240 J	R
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		320 U	230 U	76 U	170 U	320 U	na
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	320 U	230 U	76 U	170 U	320 U	R
1,2-Dichloropropane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		320 U	230 U	76 U	170 U	320 U	na
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	320 U	230 U	76 U	170 U	320 U	na
2-Hexanone	ug/kg								1600 U	1200 U	380 U	830 U	1600 U	3.8 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	2700 U	1900	940 U	830 U	1600 U	73 J
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	320 U	230 U	76 U	170 U	320 U	R
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Bromoform	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Bromomethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Carbon Disulfide	ug/kg								320 U	230 U	76 U	170 U	320 U	10 J
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		320 U	230 U	76 U	170 U	320 U	R
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	320 U	230 U	76 U	170 U	320 U	R
Chloroethane	ug/kg								320 UJ	230 UJ	76 UJ	170 U	320 U	R
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	320 U	230 U	76 U	170 U	320 U	R
Chloromethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		170 J	250	43 J	56 J	320 U	R
Cis-1,3-Dichloropropene	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Cyclohexane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Dichlorodifluoromethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		320 U	230 U	76 U	170 U	320 U	R
Isopropylbenzene (Cumene)	ug/kg								320 U	230 U	76 U	170 U	320 U	R
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								1600 U	1200 U	91 J	830 U	1600 U	R
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	1600 U	1200 U	230 J	830 U	1600 U	3.8 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								1600 U	1200 U	380 U	830 U	1600 U	3.8 U
Methylcyclohexane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	320 U	230 U	76 U	170 U	320 U	R
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								320 U	230 U	76 U	170 U	320 U	R
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		320 U	230 U	76 U	170 U	320 U	R
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	320 U	230 U	76 U	170 U	320 U	R
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	320 U	110 J	76 U	71 J	380	R
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		78 J	56 J	76 U	170 U	320 U	R
Trans-1,3-Dichloropropene	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	100000	80000	22000	22000	69000	R
Trichlorofluoromethane	ug/kg								320 U	230 U	76 U	170 U	320 U	R
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		320 U	230 U	76 U	170 U	320 U	R
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	640 U	460 U	150 U	330 U	640 U	R

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-056	OS-B-057	OS-B-057	OS-B-058	OS-B-060	OS-SCB-1	OS-SCB-1
									OS-B-056(48)(11102020)	JS-DUP-SO(11102020)	OS-B-057(56-58)(11102020)	OS-B-058(87-88)(11172020)	OS-B-060(7-8)(08112020)	OS-SCB-1(14-16)(02032020)	OS-SCB-1(24-26.2)(02032020)
									2020-11-10	2020-11-10	2020-11-10	2020-11-17	2020-08-11	2020-02-03	2020-02-03
									460-222747-1	460-222747-3	460-222747-2	460-22324-1	460-215937-1	480-165905-1	480-165905-2
									SO N Y	SO FD Y	SO N Y	SO N Y	SO N Y	SO N Y	SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
Anions															
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na	na
Cations															
Calcium	mg/kg								na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
General Chemistry															
Bicarbonate	mg/kg								na	na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na	na
Metals, Total															
Aluminum	mg/kg								na	na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na	na
Other															
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na	na
PCBs															
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na	na
Pesticides															
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000									

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-B-056 OS-B-056(48)(11102020) 2020-11-10 460-222747-1 SO N Y	OS-B-057 JS-DUP-SO(11102020) 2020-11-10 460-222747-3 SO FD Y	OS-B-057 OS-B-057(56-58)(11102020) 2020-11-10 460-222747-2 SO N Y	OS-B-058 OS-B-058(87-88)(11172020) 2020-11-17 460-223224-1 SO N Y	OS-B-060 OS-B-060(7-8)(08112020) 2020-08-11 460-215937-1 SO N Y	OS-SCB-1 OS-SCB-1(14-16)(02032020) 2020-02-03 480-165905-1 SO N Y	OS-SCB-1 OS-SCB-1(24-26.2)(02032020) 2020-02-03 480-165905-2 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		540	290	200	260	0.98 U	6.2 U	38 U
1,1,2,2-Tetrachloroethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 UJ	38 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,1,2-Trichloroethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		50 J	280	160	390	0.98 U	6.2 U	61
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		140	140	89	260	0.98 U	6.2 U	38 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		na	na	na	na	0.98 U	6.2 U	38 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,2-Dichloropropane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		na	na	na	na	0.98 U	6.2 U	38 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	na	na	na	na	0.98 U	6.2 U	38 U
2-Hexanone	ug/kg								410 U	320 U	260 U	450 U	4.9 U	31 U	190 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	410 U	320 U	260 U	450 U	14	17 J	190 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Bromoform	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Bromomethane	ug/kg								83 UJ	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Carbon Disulfide	ug/kg								83 U	63 U	51 U	91 U	1.1	6.2 U	38 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Chloroethane	ug/kg								83 UJ	63 U	51 U	91 UJ	0.98 U	6.2 UJ	38 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Chloromethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		76 J	57 J	44 J	52 J	0.98 U	6.2 U	38 U
Cis-1,3-Dichloropropene	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Cyclohexane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Dichlorodifluoromethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Isopropylbenzene (Cumene)	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								410 U	320 U	260 U	450 U	4.9 U	31 U	190 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	200 J	140 J	160 J	450 U	4.9 U	31 U	190 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								410 U	320 U	260 U	450 U	4.9 U	31 U	190 U
Methylcyclohexane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	83 U	63 U	51 U	91 U	1.5 U	6.2 U	17 J
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	56 J	35 J	35 J	91 U	0.98 U	6.2 U	38 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	83 U	63 U	51 U	91 U	0.59 J	6.2 U	38 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		70 J	55 J	33 J	91 U	0.98 U	6.2 U	38 U
Trans-1,3-Dichloropropene	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 U	38 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	22000	9600	9800	21000	0.98 U	1.7 J	42
Trichlorofluoromethane	ug/kg								83 U	63 U	51 U	91 U	0.98 U	6.2 UJ	38 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		83 U	63 U	51 U	36 J	0.98 U	6.2 UJ	38 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	170 U	130 U	100 U	180 U	2 U	12 U	76 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-1	OS-SCB-2	OS-SCB-2	OS-SCB-2	OS-SCB-3	OS-SCB-3
									OS-SCB-1(9-11)(02032020)	OS-SCB-2(14-16)(02032020)	OS-SCB-2(14-16)(02032020)	OS-SCB-2(8-10)(02032020)	OS-SCB-3(10-12)(02042020)	OS-SCB-3(14-16)(02042020)
									2020-02-03	2020-02-03	2020-02-03	2020-02-03	2020-02-04	2020-02-04
									480-165905-3	480-165905-5	480-165905-4	480-165905-6	480-165905-10	480-165905-7
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	110 U	110 U	110 U	110 U	110 U	110 U
2,3,4,6-Tetrachlorophenol	ug/kg													

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-1 OS-SCB-1(9-11)(02032020) 2020-02-03 480-165905-3 SO N Y	OS-SCB-2 OS-SCB-2(14-16)(02032020) 2020-02-03 480-165905-5 SO N Y	OS-SCB-2 OS-SCB-2(22-24)(02032020) 2020-02-03 480-165905-4 SO N Y	OS-SCB-2 OS-SCB-2(8-10)(02032020) 2020-02-03 480-165905-6 SO N Y	OS-SCB-3 OS-SCB-3(10-12)(02042020) 2020-02-04 480-165905-10 SO N Y	OS-SCB-3 OS-SCB-3(14-16)(02042020) 2020-02-04 480-165905-7 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		5.6 U	14 J	70 U	44 U	5.5 U	5.3 U
1,1,2,2-Tetrachloroethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,1,2-Trichloroethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,2-Dichloropropane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
2-Hexanone	ug/kg								28 U	250 U	350 U	220 U	28 U	27 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	20 J	250 U	350 U	220 U	27 J	27 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Bromoform	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Bromomethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Carbon Disulfide	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Chloroethane	ug/kg								5.6 UJ	50 U	70 U	44 U	5.5 UJ	5.3 UJ
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Chloromethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Cis-1,3-Dichloropropene	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Cyclohexane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Dichlorodifluoromethane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Isopropylbenzene (Cumene)	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								28 U	250 U	350 U	300	28 U	27 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	28 U	250 U	350 U	220 U	28 U	27 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								28 U	250 U	350 U	220 U	28 U	27 U
Methylcyclohexane	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.6 U	39 J	70 U	79	0.87 J	5.3 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Trans-1,3-Dichloropropene	ug/kg								5.6 U	50 U	70 U	44 U	5.5 U	5.3 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1.3 J	89	690	73	1.5 J	5.3 U
Trichlorofluoromethane	ug/kg								5.6 UJ	50 U	70 U	44 U	5.5 UJ	5.3 UJ
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.6 UJ	50 U	70 U	44 U	5.5 UJ	5.3 UJ
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	11 U	100 U	140 U	88 U	11 U	11 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-3	OS-SCB-3	OS-SCB-3	OS-SCB-4	OS-SCB-4	OS-SCB-5
									OS-SCB-3(16-18)(02042020)	OS-SCB-3(18-20)(02042020)	OS-SCB-3(21-23)(02042020)	OS-SCB-4(18-20)(02042020)	OS-SCB-4(8-10)(02042020)	OS-SCB-5(10-12)(02042020)
									2020-02-04	2020-02-04	2020-02-04	2020-02-04	2020-02-04	2020-02-04
									480-165905-8	480-165905-9	480-165905-11	480-165905-16	480-165905-15	480-165970-1
									SO	SO	SO	SO	SO	SO
N	N	N	N	N	N									
Y	Y	Y	Y	Y	Y									
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	110 U	120 U	110 U	130 U	110 U	na
2,3,4,6-Tetrachlorophenol	ug/kg								na&gt					

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-3 OS-SCB-3(16-18)(02042020) 2020-02-04 480-165905-8 SO N Y	OS-SCB-3 OS-SCB-3(18-20)(02042020) 2020-02-04 480-165905-9 SO N Y	OS-SCB-3 OS-SCB-3(21-23)(02042020) 2020-02-04 480-165905-11 SO N Y	OS-SCB-4 OS-SCB-4(18-20)(02042020) 2020-02-04 480-165905-16 SO N Y	OS-SCB-4 OS-SCB-4(8-10)(02042020) 2020-02-04 480-165905-15 SO N Y	OS-SCB-5 OS-SCB-5(10-12)(02042020) 2020-02-04 480-165970-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		0.68 J	11	57	29 J	940	11000
1,1,2,2-Tetrachloroethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,1,2-Trichloroethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	86 J
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		5.2 U	2.8 J	50 U	56 J	110 U	390 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		5.2 U	6.1 U	60	73 U	110 U	390 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,2-Dichloropropane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
2-Hexanone	ug/kg								26 U	31 U	250 U	360 U	540 U	1900 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	38	16 J	250 U	360 U	540 U	1900 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Bromoform	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Bromomethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Carbon Disulfide	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
Chloroethane	ug/kg								5.2 UJ	6.1 UJ	50 U	73 U	110 U	390 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
Chloromethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		5.2 U	6.1 U	33 J	73 U	110 U	390 U
Cis-1,3-Dichloropropene	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Cyclohexane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Dichlorodifluoromethane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
Isopropylbenzene (Cumene)	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								26 U	31 U	250 U	360 U	540 U	1900 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	26 U	31 U	250 U	360 U	540 U	1900 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								26 U	31 U	250 U	360 U	540 U	1900 U
Methylcyclohexane	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	5.2 U	6.1 U	50 U	73 U	110 U	390 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	5.2 U	6.1 U	11 J	73 U	79 J	390 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	5.2 U	6.1 U	50 U	73 U	40 J	390 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		5.2 U	6.1 U	50 U	73 U	110 U	390 U
Trans-1,3-Dichloropropene	ug/kg								5.2 U	6.1 U	50 U	73 U	110 U	390 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	5.2 U	9.3	2300	320	3300	9600
Trichlorofluoromethane	ug/kg								5.2 UJ	6.1 UJ	50 U	73 U	110 U	390 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		5.2 UJ	6.1 UJ	50 U	73 U	110 U	390 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	10 U	12 U	100 U	150 U	220 U	770 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-5 OS-SCB-5(16-18)(02042020) 2020-02-04 480-165970-3 SO N Y	OS-SCB-5 OS-SCB-5(8-10)(02042020) 2020-02-04 480-165970-2 SO N Y	OS-SCB-6 DUP(02052020) 2020-02-05 480-165970-9 SO FD Y	OS-SCB-6 OS-SCB-6(18,73-20,95)(02052020) 2020-02-05 480-165970-7 SO N Y	OS-SCB-6 OS-SCB-6(20,95-23,12)(02052020) 2020-02-05 480-165970-8 SO N Y	OS-SCB-7 OS-SCB-7(24-25)(02052020) 2020-02-05 480-165970-10 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	na	na	na
Chloride (As Cl)	mg/kg								na	na	na	na	na	na
Sulfate (As SO4)	mg/kg								na	na	na	na	na	na
Cations														
Calcium	mg/kg								na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
General Chemistry														
Bicarbonate	mg/kg								na	na	na	na	na	na
Carbonate	mg/kg								na	na	na	na	na	na
Chloride	mg/kg								na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	na	na	na
Sulfate	mg/kg								na	na	na	na	na	na
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	na	na	na
Metals, Total														
Aluminum	mg/kg								na	na	na	na	na	na
Antimony	mg/kg								na	na	na	na	na	na
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	na	na	na	na
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	na	na	na	na
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	na	na	na	na
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	na	na	na	na
Calcium	mg/kg								na	na	na	na	na	na
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	na	na	na	na
Cobalt	mg/kg								na	na	na	na	na	na
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	na	na	na	na
Iron	mg/kg								na	na	na	na	na	na
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	na	na	na	na
Magnesium	mg/kg								na	na	na	na	na	na
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	na	na	na	na
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	na	na	na	na
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	na	na	na	na
Potassium	mg/kg								na	na	na	na	na	na
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	na	na	na	na
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	na	na	na	na
Sodium	mg/kg								na	na	na	na	na	na
Thallium	mg/kg								na	na	na	na	na	na
Vanadium	mg/kg								na	na	na	na	na	na
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	na	na	na	na
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	na	na	na	na
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	na	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	na	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	na	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	na	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	na	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	na	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	na	na	na
Endrin Aldehyde	ug/kg								na	na	na	na	na	na
Endrin Ketone	ug/kg								na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	na	na	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	na	na	na	na
Heptachlor Epoxide	ug/kg								na	na	na	na	na	na
Methoxychlor	ug/kg								na	na	na	na	na	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	na	na	na	na	na	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	na	na	na	na	na	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	na	na	na	na	na	na
Toxaphene	ug/kg								na	na	na	na	na	na
trans-Chlordane	ug/kg								na	na	na	na	na	na
SVOCs														
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/kg								190 U	980 U	970 U	230 U	220 U	200 U

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-5 OS-SCB-5(16-18)(02042020) 2020-02-04 480-165970-3 SO N Y	OS-SCB-5 OS-SCB-5(8-10)(02042020) 2020-02-04 480-165970-2 SO N Y	OS-SCB-6 DUP(02052020) 2020-02-05 480-165970-9 SO FD Y	OS-SCB-6 OS-SCB-6(18.73-20.95)(02052020) 2020-02-05 480-165970-7 SO N Y	OS-SCB-6 OS-SCB-6(20.95-23.12)(02052020) 2020-02-05 480-165970-8 SO N Y	OS-SCB-7 OS-SCB-7(24-25)(02052020) 2020-02-05 480-165970-10 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		110	11000	180 J	820 U	650 U	150
1,1,2,2-Tetrachloroethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,1,2-Trichloroethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		55 U	460 U	340 J	450 J	630 J	69
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		55 U	290 J	540 U	820 U	650 U	24 J
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		55 U	460 U	540 U	820 U	650 U	57 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	55 U	460 U	540 U	820 U	650 U	57 U
1,2-Dichloropropane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		55 U	460 U	540 U	820 U	650 U	57 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	55 U	460 U	540 U	820 U	650 U	57 U
2-Hexanone	ug/kg								280 U	2300 U	2700 U	4100 U	3300 U	280 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	280 U	2300 U	2700 U	4100 U	3300 U	280 U
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	55 U	460 U	540 U	820 U	650 U	57 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Bromoform	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Bromomethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Carbon Disulfide	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		55 U	460 U	540 U	820 U	650 U	57 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	55 U	460 U	540 U	820 U	650 U	57 U
Chloroethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	55 U	460 U	540 U	820 U	650 U	57 U
Chloromethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		55 U	230 J	150 J	820 U	650 U	25 J
Cis-1,3-Dichloropropene	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Cyclohexane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Dichlorodifluoromethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		55 U	460 U	540 U	820 U	650 U	57 U
Isopropylbenzene (Cumene)	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								280 U	2300 U	2700 U	4100 U	3300 U	280 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	280 U	2300 U	2700 U	4100 U	3300 U	280 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								280 U	2300 U	2700 U	4100 U	3300 U	280 U
Methylcyclohexane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	55 U	460 U	540 U	820 U	650 U	57 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		55 U	460 U	540 U	820 U	650 U	57 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	55 U	460 U	540 U	820 U	650 U	21 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	55 U	460 U	540 U	820 U	650 U	57 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		55 U	460 U	540 U	820 U	650 U	57 U
Trans-1,3-Dichloropropene	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	160	19000	27000	34000	34000	3100
Trichlorofluoromethane	ug/kg								55 U	460 U	540 U	820 U	650 U	57 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		55 U	460 U	540 U	820 U	650 U	57 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	110 U	910 U	1100 U	1600 U	1300 U	110 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-8	OS-SCB-8	SAN-01-04	SAN-01-04	SAN-01-10	SAN-02-04
									(18.73-20.95)(02042020)	(20.95-23.12)(02042020)	DUP(6-8)(07112018)	(04-6-8)(07112018)	(07-9)(07112018)	(02-04/14-16)(07242018)
									2020-02-04	2020-02-04	2018-07-11	2018-07-11	2018-07-11	2018-07-24
									480-165970-4	480-165970-5	480-138812-2	480-138812-1	480-138812-3	480-139431-5
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	236	197	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	98.9 U	98.8 U	na	na
Chloride (As Cl)	mg/kg								na	na	31.7	26.5	na	24.4
Sulfate (As SO4)	mg/kg								na	na	23.1 U	20.3 U	na	6.3 J
Cations														
Calcium	mg/kg								na	na	1240	1110	763	1440
Magnesium	mg/kg								na	na	4210	4560	3780	4510
Potassium	mg/kg								na	na	1120	1100	956	1930
Sodium	mg/kg								na	na	146 J	175	164	111 J
General Chemistry														
Bicarbonate	mg/kg								na	na	236	197	na	na
Carbonate	mg/kg								na	na	98.9 U	98.8 U	na	na
Chloride	mg/kg								na	na	31.7	26.5	na	24.4
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								na	na	na	9.2	7.8	8.4
Sulfate	mg/kg								na	na	23.1 U	20.3 U	na	6.3 J
Temperature	deg c								na	na	na	na	na	na
Total Organic Carbon	mg/kg								na	na	na	560 J	790 J	3680
Metals, Total														
Aluminum	mg/kg								na	na	10900	11700	9680	11700
Antimony	mg/kg								na	na	18 U	17.5 U	17.6 U	16.8 U
Arsenic	mg/kg	13	16	16	16	16	16	13	na	na	2.9	3	2.8	5.6
Barium	mg/kg	350	820	350	400	400	10000	433	na	na	30.5	33.8	28	105
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	na	na	0.29	0.3	0.25	0.49
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	na	na	0.13 J	0.16 J	0.063 J	0.19 J
Calcium	mg/kg								na	na	1240	1110	763	1440
Chromium, Total	mg/kg	30		36	180	1500	6800	41	na	na	11.1	11.4	12.3	14.7
Cobalt	mg/kg								na	na	8.4	9.7	8.4	13.8
Copper	mg/kg	50	1720	270	270	270	10000	50	na	na	10.1	12.4	16.4	35.2
Iron	mg/kg								na	na	22000	23900	24300	24300
Lead	mg/kg	63	450	400	400	1000	3900	63	na	na	7.6	6.9	5.9	14
Magnesium	mg/kg								na	na	4210	4560	3780	4510
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	na	na	372	497	864	926
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	na	na	0.023 U	0.022 U	0.021 U	0.025
Nickel	mg/kg	30	130	140	310	310	10000	30	na	na	18.2	20.2	17.4	23.9
Potassium	mg/kg								na	na	1120	1100	956	1930
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	na	na	4.8 U	4.7 U	4.7 U	4.5 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	na	na	0.72 U	0.7 U	0.7 U	0.67 U
Sodium	mg/kg								na	na	146 J	175	164	111 J
Thallium	mg/kg								na	na	7.2 U	7 U	7 U	6.7 U
Vanadium	mg/kg								na	na	10.5	11.6	9.5	13.6
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	na	na	52.1	55.8	48.8	62.2
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		na	na	1.2 U	1.2 U	na	0.81 J
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	0.25 U	0.27 U	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	2 U	2 U	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	2 U	2 U	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	2 U	2 U	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	2 U	2 U	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	2 U	2 U	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	2 U	2 U	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	2 U	2 U	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	2 U	2 U	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	2 U	2 U	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	2 U	2 U	na	na
Endrin Aldehyde	ug/kg								na	na	2 U	2 U	na	na
Endrin Ketone	ug/kg								na	na	2 U	2 U	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na	na	2 U	2 U	na	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	na	na	2 U	2 U	na	na
Heptachlor Epoxide	ug/kg								na	na	2 U	2 U	na	na
Methoxychlor	ug/kg								na	na				

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									OS-SCB-8 OS-SCB-8(18.73-20.95)(02042020) 2020-02-04 480-165970-4 SO N Y	OS-SCB-8 OS-SCB-8(20.95-23.12)(02042020) 2020-02-04 480-165970-5 SO N Y	SAN-01-04 DUP(6-8)(07112018) 2018-07-11 480-138812-2 SO FD Y	SAN-01-04 SAN-01-04(6-8)(07112018) 2018-07-11 480-138812-1 SO N Y	SAN-01-10 SAN-01-10(7-9)(07112018) 2018-07-11 480-138812-3 SO N Y	SAN-02-04 SAN-02-04(14'-16')(07242018) 2018-07-24 480-139431-5 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		300 U	630 U	na	74 U	76 U	4 U
1,1,2,2-Tetrachloroethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,1,2-Trichloroethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		370	520 J	na	74 U	76 U	4 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		210 J	220 J	na	74 U	76 U	4 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		300 U	630 U	na	74 U	76 U	4 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	300 U	630 U	na	74 U	76 U	4 U
1,2-Dichloropropane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		300 U	630 U	na	74 U	76 U	4 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	300 U	630 U	na	74 U	76 U	4 U
2-Hexanone	ug/kg								1500 U	3100 U	na	370 U	380 U	20 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	1500 U	3100 U	na	370 UJ	380 UJ	30
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	300 U	630 U	na	74 U	76 U	4 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Bromoform	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Bromomethane	ug/kg								300 U	630 U	na	74 U	76 U	4 UJ
Carbon Disulfide	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		300 U	630 U	na	74 U	76 U	4 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	300 U	630 U	na	74 U	76 U	4 U
Chloroethane	ug/kg								300 U	630 U	na	74 UJ	76 UJ	4 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	300 U	630 U	na	74 U	76 U	4 U
Chloromethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		300 U	630 U	na	74 U	76 U	4 U
Cis-1,3-Dichloropropene	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Cyclohexane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Dichlorodifluoromethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		300 U	630 U	na	74 U	76 U	4 U
Isopropylbenzene (Cumene)	ug/kg								300 U	630 U	na	74 U	76 U	4 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								1500 U	3100 U	na	370 U	380 U	20 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	1500 U	3100 U	na	370 UJ	380 UJ	20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								1500 U	3100 U	na	370 U	380 U	20 U
Methylcyclohexane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	300 U	630 U	na	74 U	76 U	4 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								300 U	630 U	na	74 U	76 U	4 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		300 U	630 U	na	74 U	76 U	4 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	260 J	630 U	na	74 U	76 U	4 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	300 U	630 U	na	74 U	76 U	4 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		300 U	630 U	na	74 U	76 U	4 U
Trans-1,3-Dichloropropene	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	20000	27000	na	300	340	5.7
Trichlorofluoromethane	ug/kg								300 U	630 U	na	74 U	76 U	4 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		300 U	630 U	na	74 U	76 U	4 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	610 U	1300 U	na	150 U	150 U	8 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO



Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-02-10 SAN-02-10(14-16)(07192018) 2018-07-19 480-139322-4 SO N Y	SAN-03-04 DUP(13-15)(07192018) 2018-07-19 480-139322-2 SO FD Y	SAN-03-04 SAN-03-04(13-15)(07192018) 2018-07-19 480-139322-1 SO N Y	SAN-03-10 SAN-03-10(10-15)(07192018) 2018-07-19 480-139322-3 SO N Y	SAN-04-06 SAN-04-06(8-10)(07232018) 2018-07-23 480-139431-3 SO N Y	SAN-04-10 SAN-04-10(8-10)(07232018) 2018-07-23 480-139431-2 SO N Y	SAN-05-04 DUP (6-8) (07102018) 2018-07-10 480-138700-2 SO FD Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER							
VOCs															
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,1,2,2-Tetrachloroethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,1,2-Trichloroethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,2-Dichloropropane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
2-Hexanone	ug/kg								20 U	22 U	30 U	27 U	26 U	30 U	220 UJ
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	24 U	25 U	37 U	57	32	28 J	220 UJ
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Bromochloromethane	ug/kg								na	na	na	na	na	na	na
Bromodichloromethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Bromoform	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Bromomethane	ug/kg								3.9 UJ	4.5 UJ	6.1 UJ	5.4 UJ	5.1 UJ	6 UJ	44 U
Carbon Disulfide	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Chloroethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Chloromethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 UJ
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	1.6 J	5.1 U	6 U	44 U
Cis-1,3-Dichloropropene	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Cyclohexane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Cymene	ug/kg								na	na	na	na	na	na	na
Dibromochloromethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Dichlorodifluoromethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Isopropylbenzene (Cumene)	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Methyl Acetate	ug/kg								20 U	22 U	30 U	27 U	26 U	30 U	220 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	20 U	22 U	30 U	6.5 J	26 U	30 U	220 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								20 U	22 U	30 U	27 U	26 U	30 U	220 U
Methylcyclohexane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na	na
Styrene	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	0.81 J	44 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	12 J
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Trans-1,3-Dichloropropene	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	1.6 J	5.8	8.9	1.2 J	5.1 U	6 U	150 J
Trichlorofluoromethane	ug/kg								3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		3.9 U	4.5 U	6.1 U	5.4 U	5.1 U	6 U	44 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	7.9 U	9 U	12 U	11 U	10 U	12 U	87 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-05-04	SAN-05-10	SAN-06-04	SAN-06-10	SAN-07-04	SAN-07-10
									SAN-05-04 (6-8) (07102018)	SAN-05-10(6'-8') (07232018)	SAN-06-04(8'-10') (07242018)	SAN-06-10(8-10) (07242018)	SAN-07-04 (10'-12') (07172018)	SAN-07-10 (10'-12') (07172018)
									2018-07-10	2018-07-23	2018-07-24	2018-07-24	2018-07-17	2018-07-17
									480-138700-1	480-139431-1	480-139431-4	480-139505-1	480-139067-2	480-139067-1
									SO	SO	SO	SO	SO	SO
									N	N	N	N	N	N
									Y	Y	Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
Anions														
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								na	na	na	204	na	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								na	na	na	99.3 U	na	na
Chloride (As Cl)	mg/kg								na	594	33.1	137	8	17.4
Sulfate (As SO4)	mg/kg								na	557	11.2 J	21.7 U	24.6 U	41.3
Cations														
Calcium	mg/kg								958 J	1170	8840	954	1660	9280
Magnesium	mg/kg								5860	4810	7270	6700	6030	10100
Potassium	mg/kg								1110	1010	2010	1760	2100	4420
Sodium	mg/kg								157	90.1 J	397	439	93 J	192 J
General Chemistry														
Bicarbonate	mg/kg								na	na	na	204	na	na
Carbonate	mg/kg								na	na	na	99.3 U	na	na
Chloride	mg/kg								na	594	33.1	137	8	17.4
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na	na	na
pH	ph units								8.4	8.5	9.4	8.5	8.1	8.2
Sulfate	mg/kg								na	557	11.2 J	21.7 U	24.6 U	41.3
Temperature	deg c								na	na	na	20.9	na	na
Total Organic Carbon	mg/kg								3540	6960	14500	5600	5100	4470
Metals, Total														
Aluminum	mg/kg								11700	9360	13300	15400	14400	20600
Antimony	mg/kg								3.6 J	16 U	16.3 U	18 U	17.6 U	20.8 U
Arsenic	mg/kg	13	16	16	16	16	16	13	5	6.7	4.9	5.9	4.3	6.7
Barium	mg/kg	350	820	350	400	400	10000	433	41.2	62.8	79.4	67.8	66.6	169
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	0.39	0.27	0.48	0.54	0.48	0.83
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	0.11 J	0.23	0.18 J	0.25	0.12 J	0.18 J
Calcium	mg/kg								958 J	1170	8840	954	1660	9280
Chromium, Total	mg/kg	30		36	180	1500	6800	41	22.6 J	12.8	14.7	17.8	18.1	26.5
Cobalt	mg/kg								8.5	5	9.6	12.2	17.6	15
Copper	mg/kg	50	1720	270	270	270	10000	50	22.5	24.3	29.2	28.5	24.5	30.6
Iron	mg/kg								28000	23200	25400	32100	24000	32400
Lead	mg/kg	63	450	400	400	1000	3900	63	15.2	11.9	47.3	17.1	17.9	22.1
Magnesium	mg/kg								5860	4810	7270	6700	6030	10100
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	669	1440	671	861	420	758
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.014 J	0.074	0.16	0.019 J	0.055	0.032
Nickel	mg/kg	30	130	140	310	310	10000	30	27.5	21.5	23	32.1	27.2	33.7
Potassium	mg/kg								1110	1010	2010	1760	2100	4420
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	4.2 U	4.3 U	4.3 U	4.8 U	4.7 U	5.5 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	0.63 U	0.64 U	0.65 U	0.72 U	0.7 U	0.83 U
Sodium	mg/kg								157	90.1 J	397	439	93 J	192 J
Thallium	mg/kg								6.3 U	6.4 U	6.5 U	7.2 U	7 U	8.3 U
Vanadium	mg/kg								13.8	12.2	19.5	18.4	17.4	25.7
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	58	59.4	70.8	73.1	69	87.8
Other														
Cyanide	mg/kg	27	40	27	27	27	10000		1 UJ	1.1 U	1.1 U	0.98 U	1.2 U	1.4 U
Flash Point	deg f								na	na	na	na	na	na
Moisture, Percent	%								na	na	na	na	na	na
Total Fixed Solids	%								na	na	na	na	na	na
Total Volatile Solids	%								na	na	na	na	na	na
PCBs														
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	0.23 U	na	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na	na	na
Pesticides														
Aldrin	ug/kg	5	190	19	97	680	1400	140	na	na	na	1.9 U	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	na	na	na	1.9 U	na	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	1.9 U	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	na	na	na	1.9 U	na	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		na	na	na	1.9 U	na	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	na	na	na	1.9 U	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	na	na	na	1.9 U	na	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	na	na	na	1.9 U	na	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		na	na	na	1.9 U	na	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	na	na	na	1.9 U	na	na
Endrin Aldehyde	ug/kg								na	na	na	1.9 U	na	na
Endrin Ketone	ug/kg								na	na	na	1.9 U	na	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	na</					

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-05-04 SAN-05-04 (6-8) (07102018) 2018-07-10 480-138700-1 SO N Y	SAN-05-10 SAN-05-10(6'-8') (07232018) 2018-07-23 480-139431-1 SO N Y	SAN-06-04 SAN-06-04(8'-10') (07242018) 2018-07-24 480-139431-4 SO N Y	SAN-06-10 SAN-06-10-(8-10) (07242018) 2018-07-24 480-139505-1 SO N Y	SAN-07-04 SAN-07-04 (10'-12') (07172018) 2018-07-17 480-139067-2 SO N Y	SAN-07-10 SAN-07-10 (10'-12') (07172018) 2018-07-17 480-139067-1 SO N Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER						
VOCs														
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		40 U	4.1 U	4 U	320	5.7 U	4.6 U
1,1,2,2-Tetrachloroethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,1,2-Trichloroethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,2-Dichloropropane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
2-Hexanone	ug/kg								200 UJ	20 U	20 U	1600 U	28 U	23 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	200 U	25	22	1600 U	43	46
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Bromochloromethane	ug/kg								na	na	na	na	na	na
Bromodichloromethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Bromoform	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Bromomethane	ug/kg								40 U	4.1 UJ	4 UJ	320 U	5.7 U	4.6 U
Carbon Disulfide	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Chloroethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Chloromethane	ug/kg								40 UJ	4.1 U	4 U	320 U	5.7 U	4.6 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Cis-1,3-Dichloropropene	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Cyclohexane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Cymene	ug/kg								na	na	na	na	na	na
Dibromochloromethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Dichlorodifluoromethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Isopropylbenzene (Cumene)	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Methyl Acetate	ug/kg								200 U	20 U	20 U	1600 U	28 U	23 U
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	200 UJ	20 U	20 U	1600 U	28 U	9.2 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								200 U	20 U	20 U	1600 U	28 U	23 U
Methylcyclohexane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	40 U	4.1 U	4 U	65 J	5.7 U	4.6 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na	na	na
Styrene	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	27 J	0.69 J	4 U	320 U	5.7 U	4.6 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Trans-1,3-Dichloropropene	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	420 J	16	12	1700	5.7 U	4.6 U
Trichlorofluoromethane	ug/kg								40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		40 U	4.1 U	4 U	320 U	5.7 U	4.6 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	81 U	8.2 U	8 U	630 U	11 U	9.3 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N									SAN-08-04	SAN-08-10	SAN-09-04	SAN-09-10
									SAN-08-04(10-12)(07242018)	SAN-08-10(10-12)(07242018)	SAN-09-04(13-15)(07192018)	SAN-09-10(13-15)(07162018)
									2018-07-24	2018-07-24	2018-07-19	2018-07-19
									480-139505-3	480-139505-2	480-139275-2	480-139275-3
									SO	SO	SO	SO
									N	N	N	N
									Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
Anions												
Alkalinity, Bicarbonate (As CaCO3)	mg/kg								532	487	78.2 J	na
Alkalinity, Carbonate (As CaCO3)	mg/kg								96.5 U	715	99.7 U	na
Chloride (As Cl)	mg/kg								39.3	134	371	na
Sulfate (As SO4)	mg/kg								55.4	42.2	53.2	na
Cations												
Calcium	mg/kg								12500	11600	1050	828
Magnesium	mg/kg								11600	11500	5450 J	7600 J
Potassium	mg/kg								4270	5370	1950 J	1360 J
Sodium	mg/kg								215	259	374	152 U
General Chemistry												
Bicarbonate	mg/kg								532	487	78.2 J	na
Carbonate	mg/kg								96.5 U	715	99.7 U	na
Chloride	mg/kg								39.3	134	371	na
Nitrogen, Nitrate (As N)	mg/l								na	na	na	na
Nitrogen, Nitrite	mg/l								na	na	na	na
pH	ph units								8.5	8.2	7.5	7.6
Sulfate	mg/kg								55.4	42.2	53.2	na
Temperature	deg c								21.2	20.9	na	na
Total Organic Carbon	mg/kg								1830	2720	4140 J	3020
Metals, Total												
Aluminum	mg/kg								23200	23700	13500	15700
Antimony	mg/kg								22.1 U	20.9 U	17 UJ	16.2 UJ
Arsenic	mg/kg	13	16	16	16	16	16	13	6.4	5.8	6.1	5.9
Barium	mg/kg	350	820	350	400	400	10000	433	195	216	80.6 J	50.5 J
Beryllium	mg/kg	7.2	47	14	72	590	2700	10	0.97	1	0.53	0.4
Cadmium	mg/kg	2.5	7.5	2.5	4.3	9.3	60	4	0.47	0.26 J	0.23 U	0.43 U
Calcium	mg/kg								12500	11600	1050	828
Chromium, Total	mg/kg	30		36	180	1500	6800	41	27.4	26	16.9	14.9
Cobalt	mg/kg								18.9	17.6	11.1	13.3
Copper	mg/kg	50	1720	270	270	270	10000	50	34.8	31.1	20.2	20.7
Iron	mg/kg								38700	33700	29200	33000
Lead	mg/kg	63	450	400	400	1000	3900	63	21.9	20.9	13.1	15.4
Magnesium	mg/kg								11600	11500	5450 J	7600 J
Manganese	mg/kg	1600	2000	2000	2000	10000	10000	1600	842	645	1050	488
Mercury	mg/kg	0.18	0.73	0.81	0.81	2.8	5.7	0.18	0.021 J	0.023 J	0.019 J	0.019 J
Nickel	mg/kg	30	130	140	310	310	10000	30	40.3	35.7	27.6	35.1
Potassium	mg/kg								4270	5370	1950 J	1360 J
Selenium	mg/kg	3.9	4	36	180	1500	6800	3.9	5.9 U	5.6 U	4.5 U	4.3 U
Silver	mg/kg	2	8.3	36	180	1500	6800	2	0.88 U	0.83 U	0.68 U	0.65 U
Sodium	mg/kg								215	259	374	152 U
Thallium	mg/kg								8.8 U	8.3 U	6.8 U	6.5 U
Vanadium	mg/kg								27.5	30	18.8	17.3
Zinc	mg/kg	109	2480	2200	10000	10000	10000	109	98.7 J	86	64.1 J	78.6 J
Other												
Cyanide	mg/kg	27	40	27	27	27	10000		1.5 U	1.3 U	1.1 U	1.1 U
Flash Point	deg f								na	na	na	na
Moisture, Percent	%								na	na	na	na
Total Fixed Solids	%								na	na	na	na
Total Volatile Solids	%								na	na	na	na
PCBs												
PCB-1016 (Aroclor 1016)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1221 (Aroclor 1221)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1232 (Aroclor 1232)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1242 (Aroclor 1242)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1248 (Aroclor 1248)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1254 (Aroclor 1254)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1260 (Aroclor 1260)	mg/kg	0.1	3.2	1	1	1	25	1	0.29 U	0.29 U	0.26 U	na
PCB-1262 (Aroclor 1262)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
PCB-1268 (Aroclor 1268)	mg/kg	0.1	3.2	1	1	1	25	1	na	na	na	na
Pesticides												
Aldrin	ug/kg	5	190	19	97	680	1400	140	2.4 U	2.4 U	1.9 U	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/kg	20	20	97	480	3400	6800	40	2.4 U	2.4 U	1.9 U	na
Alpha Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		2.4 U	2.4 U	1.9 U	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/kg	36	90	72	360	3000	14000	600	2.4 U	2.4 U	1.9 U	na
Beta Endosulfan	ug/kg	2400	102000	4800	24000	200000	920000		2.4 U	2.4 U	1.9 U	na
cis-Chlordane	ug/kg	94	2900	910	4200	24000	47000	1300	2.4 U	2.4 U	1.9 U	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/kg	40	250	100000	100000	500000	1000000	40	2.4 U	2.4 U	0.56 U	na
Dieldrin	ug/kg	5	100	39	200	1400	2800	6	2.4 U	2.4 U	1.9 U	na
Endosulfan Sulfate	ug/kg	2400	1000000	4800	24000	200000	920000		2.4 U	2.4 U	1.9 U	na
Endrin	ug/kg	14	60	2200	11000	89000	410000	14	2.4 U	2.4 U	1.9 U	na
Endrin Aldehyde	ug/kg								2.4 U	2.4 U	1.9 U	na
Endrin Ketone	ug/kg								2.4 U	2.4 U	1.9 U	na
Gamma Bhc (Lindane)	ug/kg	100	100	280	1300	9200	23000	6000	2.4 U	2.4 U	1.9 U	na
Heptachlor	ug/kg	42	380	420	2100	15000	29000	140	2.4 U	2.4 U	1.9 U	na
Heptachlor Epoxide	ug/kg								2.4 U	2.4 U	1.9 U	na
Methoxychlor	ug/kg								2.4 U	2.4 U	1.9 U	na
P,P'-DDD	ug/kg	3.3	14000	2600	13000	92000	180000	3.3	2.4 U	2.4 U	1.9 U	na
P,P'-DDE	ug/kg	3.3	17000	1800	8900	62000	120000	3.3	2.4 U	2.4 U	1.9 U	na
P,P'-DDT	ug/kg	3.3	136000	1700	7900	47000	94000	3.3	2.4 U	2.4 U	1.9 U	na
Toxaphene	ug/kg								24 U	24 U	19 U	na
trans-Chlordane	ug/kg								2.4 U	2.4 U	1.9 U	na
SVOCs												
1,2,4,5-Tetrachlorobenzene	ug/kg								na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/kg	100	100	9800	13000	130000	250000	100	290 U	280 U	220 U	na
2,3,4,6-Tetrachlorophenol	ug/kg								na	na	na	na
2,4,5-Trichlorophenol	ug/kg								240 U	240 U	190 U	na
2,4,6-Trichlorophenol	ug/kg								240 U	240 U	190 U	na
2,4-Dichlorophenol	ug/kg								240 U	240 U	190 U	na
2,4-Dimethylphenol	ug/kg								240 U	240 U	190 U	na
2,4-Dinitrophenol	ug/kg								2400 U	2400 U	1800 U	na
2,4-Dinitrotoluene	ug/kg								240 U	240 U	190 U	na
2,6-Dinitrotoluene	ug/kg								240 U	240 U	190 U	na
2-Chloronaphthalene	ug/kg								240 U	240 U	190 U	na
2-Chlorophenol	ug/kg								240 U	240 U	190 U	na
2-Methylnaphthalene	ug/kg											

Table 17
Analytical Results for Other Parameters from Soil Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location:									SAN-08-04	SAN-08-10	SAN-09-04	SAN-09-10
Sample ID:									SAN-08-04-(10-12)(07242018)	SAN-08-10-(10-12)(07242018)	SAN-09-04(13'-15')(07192018)	SAN-09-10(13'-15')(07162018)
Date:									2018-07-24	2018-07-24	2018-07-19	2018-07-19
Laboratory Sample ID:									480-139505-3	480-139505-2	480-139275-2	480-139275-3
Matrix:									SO	SO	SO	SO
Sample Type:									N	N	N	N
Validate - Y/N									Y	Y	Y	Y
Analyte	Unit	NY375 1UNRES	NY375 2RPGW	NY375 3RRES	NY375 4RRRES	NY375 5RCOMM	NY375 6RINDU	NY375 7PER				
VOCs												
1,1,1-Trichloroethane (TCA)	ug/kg	680	680	100000	100000	500000	1000000		130 U	180 U	56 UJ	43 U
1,1,2,2-Tetrachloroethane	ug/kg								130 U	180 U	56 UJ	43 U
1,1,2,2-Trichloro-1,2,2-Trifluoroethane	ug/kg								130 U	180 U	56 UJ	43 U
1,1,2-Trichloroethane	ug/kg								130 U	180 U	56 UJ	43 U
1,1-Dichloroethane	ug/kg	270	270	19000	26000	240000	480000		150	84 J	56 UJ	43 U
1,1-Dichloroethene	ug/kg	330	330	100000	100000	500000	1000000		130 U	110 J	56 UJ	43 U
1,2,3-Trichlorobenzene	ug/kg								na	na	na	na
1,2,4-Trichlorobenzene	ug/kg								130 U	180 U	56 U	43 U
1,2,4-Trimethylbenzene	ug/kg	3600	3600	47000	52000	190000	380000		na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/kg								130 U	180 U	56 U	43 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/kg								130 U	180 U	56 UJ	43 U
1,2-Dichlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000		130 U	180 U	56 UJ	43 U
1,2-Dichloroethane	ug/kg	20	20	2300	3100	30000	60000	10000	130 U	180 U	56 UJ	43 U
1,2-Dichloropropane	ug/kg								130 U	180 U	56 UJ	43 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/kg	8400	8400	47000	52000	190000	380000		na	na	na	na
1,3-Dichlorobenzene	ug/kg	2400	2400	17000	49000	280000	560000		130 U	180 U	56 UJ	43 U
1,4-Dichlorobenzene	ug/kg	1800	1800	9800	13000	130000	250000	20000	130 U	180 U	56 UJ	43 U
2-Hexanone	ug/kg								670 U	890 U	280 U	220 U
Acetone	ug/kg	50	50	100000	100000	500000	1000000	2200	670 U	890 U	280 U	220 UJ
Benzene	ug/kg	60	60	2900	4800	44000	89000	70000	130 U	180 U	56 UJ	43 U
Bromochloromethane	ug/kg								na	na	na	na
Bromodichloromethane	ug/kg								130 U	180 U	56 UJ	43 U
Bromoform	ug/kg								130 U	180 U	56 U	43 U
Bromomethane	ug/kg								130 U	180 U	56 U	43 U
Carbon Disulfide	ug/kg								130 U	180 U	56 UJ	43 U
Carbon Tetrachloride	ug/kg	760	760	1400	2400	22000	44000		130 U	180 U	56 UJ	43 U
Chlorobenzene	ug/kg	1100	1100	100000	100000	500000	1000000	40000	130 U	180 U	56 UJ	43 U
Chloroethane	ug/kg								130 U	180 U	56 U	43 U
Chloroform	ug/kg	370	370	10000	49000	350000	700000	12000	130 U	180 U	56 UJ	43 U
Chloromethane	ug/kg								130 U	180 U	56 UJ	43 U
Cis-1,2-Dichloroethylene	ug/kg	250	250	59000	100000	500000	1000000		130 U	1800	56 UJ	43 U
Cis-1,3-Dichloropropene	ug/kg								130 U	180 U	56 UJ	43 U
Cyclohexane	ug/kg								130 U	180 U	56 UJ	43 U
Cymene	ug/kg								na	na	na	na
Dibromochloromethane	ug/kg								130 U	180 U	56 U	43 U
Dichlorodifluoromethane	ug/kg								130 U	180 U	56 U	43 U
Ethylbenzene	ug/kg	1000	1000	30000	41000	390000	780000		130 U	180 U	56 UJ	43 U
Isopropylbenzene (Cumene)	ug/kg								130 U	180 U	56 UJ	43 U
m,p-Xylene	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na
Methyl Acetate	ug/kg								670 U	890 U	29 J	36 J
Methyl Ethyl Ketone (2-Butanone)	ug/kg	120	120	100000	100000	500000	1000000	100000	670 U	890 U	280 U	220 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/kg								670 U	890 U	280 U	220 U
Methylcyclohexane	ug/kg								130 U	180 U	56 UJ	43 U
Methylene Chloride	ug/kg	50	50	51000	100000	500000	1000000	12000	38 J	39 J	56 UJ	43 U
Naphthalene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na
N-Butylbenzene	ug/kg	12000	12000	100000	100000	500000	1000000		na	na	na	na
N-Propylbenzene	ug/kg	3900	3900	100000	100000	500000	1000000		na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/kg	260	1600	100000	100000	500000	1000000	260	na	na	na	na
Sec-Butylbenzene	ug/kg	11000	11000	100000	100000	500000	1000000		na	na	na	na
Styrene	ug/kg								130 U	180 U	56 UJ	43 U
T-Butylbenzene	ug/kg	5900	5900	100000	100000	500000	1000000		na	na	na	na
Tert-Butyl Methyl Ether	ug/kg	930	930	62000	100000	500000	1000000		130 U	180 U	56 UJ	43 U
Tetrachloroethylene (PCE)	ug/kg	1300	1300	5500	19000	150000	300000	2000	130 U	180 U	56 UJ	43 U
Toluene	ug/kg	700	700	100000	100000	500000	1000000	36000	130 U	180 U	20 J	43 U
Trans-1,2-Dichloroethene	ug/kg	190	190	100000	100000	500000	1000000		130 U	180 U	56 UJ	43 U
Trans-1,3-Dichloropropene	ug/kg								130 U	180 U	56 U	43 U
Trichloroethylene (TCE)	ug/kg	470	470	10000	21000	200000	400000	2000	130 U	1800	58 J	57
Trichlorofluoromethane	ug/kg								130 U	180 U	56 U	43 U
Vinyl Chloride	ug/kg	20	20	210	900	13000	27000		130 U	180 U	56 UJ	43 U
Xylenes, Total	ug/kg	260	1600	100000	100000	500000	1000000	260	270 U	360 U	110 UJ	86 U

Notes and Abbreviations
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Exceedance of NYS Part 375 SCO

Table 18
Analytical Results for Other Parameters from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	JS-APS-001	JS-APS-002	JS-APS-003	JS-APS-004	JS-APS-005	OS-APS-024	OS-APS-025	OS-APS-026	OS-APS-027	OS-APS-028
				Sample Date:	08/09/2016	08/04/2016	08/03/2016	08/08/2016	08/03/2016	09/28/2016	10/04/2016	10/05/2016	10/06/2016	09/29/2016
				Sample Depth:	14.1 ft	7.4 ft	8.8 ft	61.9 ft	10.3 ft	40.2 ft	16.2 ft	15.2 ft	17.51 ft	89.9 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N
Constituent	Units	NYSDEC TOGS111 GA GUIDANCE	NYSDEC TOGS111 GA STANDARD											
Metals by USEPA Method 6010B (Mercury by USEPA Method 7470)														
Aluminum	mg/l	-	-	0.516	1.12	1.2	0.0868 U	0.29 J	0.0868 U	0.0868 U	0.152 J	1.57	0.0868 U	
Antimony	mg/l	-	0.003	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	0.0077 U	
Arsenic	mg/l	-	0.025	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	
Barium	mg/l	-	1	0.0999	0.208	0.0816	0.0887	0.0291	0.0929	0.0954	0.0546	0.0851	0.453	
Beryllium	mg/l	0.003	-	0.00081 U	0.0007 U	0.00077 U	0.00081 U	0.0008 U	0.00067 U	0.00067 U	0.00067 U	0.00067 U	0.00067 U	
Cadmium	mg/l	-	0.005	0.00049 U	0.0057 J	0.00049 U	0.00049 U	0.00049 U	0.00049 U	0.00049 U	0.00049 U	0.00049 U	0.00049 U	
Calcium	mg/l	-	-	93.7	106	56	93.3	36.8	141	83.6	68.5	79.2	79.4	
Chromium	mg/l	-	0.05	0.023 J	0.0471	0.0028 J	0.0018 U	0.0018 U	0.0019 J	0.0018 U	0.0018 U	0.0024 J	0.0018 U	
Cobalt	mg/l	-	-	0.0019 U	0.0026 J	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	
Copper	mg/l	-	0.2	0.0041 U	0.0267	0.0051 J	0.0041 U	0.0041 U	0.0051 U	0.0041 U	0.133	0.0057 J	0.0041 U	
Iron	mg/l	-	0.3	0.532	2.54	1.65	0.313 J	0.385 J	0.114 J	0.147 J	0.118 J	2.29	0.0747 U	
Lead	mg/l	-	0.025	0.0062 U	0.0071 J	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	0.0062 U	
Magnesium	mg/l	35	-	16.5	19.1	9.93	17.8	6.51	30	13.3	8.94	9.4	16.9	
Manganese	mg/l	-	0.3	0.0733	0.489	0.16	0.644	0.02	0.346	0.0145	0.0165	0.0777	0.413	
Mercury	mg/l	-	0.0007	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	0.00005 U	
Nickel	mg/l	-	0.1	0.0028 U	0.0086 J	0.0051 J	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	0.0028 U	
Potassium	mg/l	-	-	5.42	6.02	4.78	6.08	3.15	8.63	4.7	5.03	6.71	1.63	
Selenium	mg/l	-	0.01	0.0161 J	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	0.0097 U	
Silver	mg/l	-	0.05	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	
Sodium	mg/l	-	20	78.2	96.6	103	109	64.9	180	66.6	180	283	51.6	
Thallium	mg/l	0.0005	-	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	0.0094 U	
Vanadium	mg/l	-	-	0.0016 U	0.0018 J	0.0019 J	0.0016 U	0.0016 U	0.0019 U	0.0016 U	0.0016 U	0.0026 J	0.0016 U	
Zinc	mg/l	2	-	0.0054 U	0.0291 J	0.0258 J	0.0054 U	0.0054 U	0.0123 J	0.0054 U	0.0054 U	0.0096 J	0.0054 U	
Total Cyanide by USEPA Method 9010														
Total Cyanide (water)	mg/l	-	0.2	0.005 U	0.005 U	0.005 U	na	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	na
Polychlorinated Biphenyls (PCBs) by USEPA Method 8082														
Aroclor-1016	µg/l	-	0.09	0.083 U	0.084 U	0.083 U	0.083 U	0.083 U	0.091 U	0.085 U	0.085 U	0.081 U	na	
Aroclor-1221	µg/l	-	0.09	0.083 U	0.084 U	0.083 U	0.083 U	0.083 U	0.091 U	0.085 U	0.085 U	0.081 U	na	
Aroclor-1232	µg/l	-	0.09	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	na	
Aroclor-1242	µg/l	-	0.09	0.083 U	0.084 U	0.083 U	0.083 U	0.083 U	0.091 U	0.085 U	0.085 U	0.081 U	na	
Aroclor-1248	µg/l	-	0.09	0.083 U	0.084 U	0.083 U	0.083 U	0.083 U	0.091 U	0.085 U	0.085 U	0.081 U	na	
Aroclor-1254	µg/l	-	0.09	0.083 U	0.084 U	0.083 U	0.083 U	0.083 U	0.091 U	0.085 U	0.085 U	0.081 U	na	
Aroclor-1260	µg/l	-	0.09	0.12 U	0.13 U	0.12 U	0.12 U	0.13 U	0.14 U	0.13 U	0.13 U	0.12 U	na	
Aroclor-1262	µg/l	-	0.09	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U	0.16 U	na	
Aroclor-1268	µg/l	-	0.09	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.15 U	0.14 U	0.14 U	0.13 U	na	
Pesticides by USEPA Method 8081														
Aldrin	µg/l	-	-	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0017 U	0.0016 U	na	
Alpha BHC	µg/l	-	0.01	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0027 U	0.0026 U	0.0026 U	0.0024 U	na	
Alpha Chlordane	µg/l	-	-	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0027 U	0.0026 U	0.0026 U	0.0024 U	na	
Beta BHC	µg/l	-	0.04	0.006 U	0.0029 U	0.0028 U	0.0028 U	0.0028 U	0.025 U	0.0029 U	0.0029 U	0.0028 U	na	

Table 18

Analytical Results for Other Parameters from Groundwater Samples by Waterloo APS

Former Oak Materials John Street

Village of Hoosick Falls, Town of Hoosick, NY



Location ID: Sample Date: Sample Depth: Sample Type:				JS-APS-001 08/09/2016 14.1 ft N	JS-APS-002 08/04/2016 7.4 ft N	JS-APS-003 08/03/2016 8.8 ft N	JS-APS-004 08/08/2016 61.9 ft N	JS-APS-005 08/03/2016 10.3 ft N	OS-APS-024 09/28/2016 40.2 ft N	OS-APS-025 10/04/2016 16.2 ft N	OS-APS-026 10/05/2016 15.2 ft N	OS-APS-027 10/06/2016 17.51 ft N	OS-APS-028 09/29/2016 89.9 ft N
Constituent	Units	NYSDEC TOGS111 GA GUIDANCE	NYSDEC TOGS111 GA STANDARD										
Delta BHC	µg/l	-	0.04	0.0028 U	0.0029 U	0.0051 J	0.0028 U	0.0028 U	0.0031 U	0.0029 U	0.0029 U	0.0028 U	na
Dieldrin	µg/l	-	0.004	0.0044 U	0.0045 U	0.0057 U	0.0044 U	0.0051 U	0.0048 U	0.0045 U	0.0045 U	0.0043 U	na
Endosulfan I	µg/l	-	-	0.0036 U	0.0036 U	0.0036 U	0.0064 J	0.0036 U	0.0039 U	0.0037 U	0.0037 U	0.0035 U	na
Endosulfan II	µg/l	-	-	0.012 U	0.013 U	0.012 U	0.012 U	0.013 U	0.014 U	0.013 U	0.013 U	0.012 U	na
Endosulfan Sulfate	µg/l	-	-	0.0048 U	0.0049 U	0.0048 U	0.0048 U	0.0048 U	0.0053 U	0.0049 U	0.005 U	0.0047 U	na
Endrin	µg/l	-	0	0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0068 U	0.0074 U	0.0069 U	0.0069 U	0.0066 U	na
Endrin Aldehyde	µg/l	-	5	0.017 U	0.017 U	0.017 U	0.017 U	0.017 U	0.018 U	0.017 U	0.017 U	0.016 U	na
Endrin Ketone	µg/l	-	5	0.0041 U	0.0042 U	0.0041 U	0.0041 U	0.0042 U	0.0045 U	0.0043 U	0.0043 U	0.0041 U	na
Gamma Chlordane	µg/l	-	-	0.0058 U	0.15 J	0.0092 U	0.0058 U	0.0058 U	0.013 U	0.006 U	0.006 U	0.0081 U	na
gamma-BHC (Lindane)	µg/l	-	0.04	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0017 U	0.0016 U	na
Heptachlor	µg/l	-	0.04	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0018 U	0.0017 U	0.0017 U	0.0016 U	na
Heptachlor Epoxide	µg/l	-	0.03	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0019 U	0.0021 U	0.002 U	0.002 U	0.0019 U	na
Methoxychlor	µg/l	-	35	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.027 U	0.026 U	0.026 U	0.024 U	na
p,p-DDD	µg/l	-	0.3	0.0041 U	0.0042 U	0.0041 U	0.0041 U	0.0042 U	0.0045 U	0.0043 U	0.0043 U	0.0041 U	na
p,p-DDE	µg/l	-	0.2	0.0041 U	0.0042 U	0.0041 U	0.0041 U	0.0042 U	0.0045 U	0.0043 U	0.0043 U	0.0041 U	na
p,p-DDT	µg/l	-	0.2	0.0043 U	0.0044 U	0.0043 U	0.0043 U	0.0043 U	0.0047 U	0.0044 U	0.0044 U	0.0042 U	na
Toxaphene	µg/l	-	0.06	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.27 U	0.26 U	0.26 U	0.24 U	na
Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270													
1,1'-Biphenyl	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
1,2,4,5-Tetrachlorobenzene	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
1,4-Dioxane	µg/l	-	-	2 J	1 U	1 U	1 J	1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	na
2,2'-oxybis(1-Chloropropane)	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,3,4,6-Tetrachlorophenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,4,5-Trichlorophenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,4,6-Trichlorophenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,4-Dichlorophenol	µg/l	-	1	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,4-Dimethylphenol	µg/l	50	1	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2,4-Dinitrophenol	µg/l	-	1	10 U	11 UJ	11 UJ	10 U	10 UJ	11 UJ	11 UJ	11 UJ	11 UJ	na
2,4-Dinitrotoluene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	na
2,6-Dinitrotoluene	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2-Chloronaphthalene	µg/l	10	-	0.4 U	0.4 U	0.5 U	0.4 U	0.4 U	0.45 UJ	0.43 UJ	0.43 UJ	0.43 UJ	na
2-Chlorophenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2-Methylnaphthalene	µg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na
2-Methylphenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2-Nitroaniline	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
2-Nitrophenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
3,3'-Dichlorobenzidine	µg/l	-	5	2 U	2 U	2 U	2 U	2 U	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na
3-Nitroaniline	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
4,6-Dinitro-2-methylphenol	µg/l	-	-	5 U	6 UJ	6 UJ	5 U	5 UJ	5.6 UJ	5.3 UJ	5.3 UJ	5.3 UJ	na
4-Bromophenyl-phenylether	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
4-Chloro-3-methylphenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na
4-Chloroaniline	µg/l	-	5	2 U	2 U	2 U	2 U	2 U	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na

Table 18
Analytical Results for Other Parameters from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	JS-APS-001	JS-APS-002	JS-APS-003	JS-APS-004	JS-APS-005	OS-APS-024	OS-APS-025	OS-APS-026	OS-APS-027	OS-APS-028
				Sample Date:	08/09/2016	08/04/2016	08/03/2016	08/08/2016	08/03/2016	09/28/2016	10/04/2016	10/05/2016	10/06/2016	09/29/2016
				Sample Depth:	14.1 ft	7.4 ft	8.8 ft	61.9 ft	10.3 ft	40.2 ft	16.2 ft	15.2 ft	17.51 ft	89.9 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N
		NYSDEC TOGS111 GA GUIDANCE	NYSDEC TOGS111 GA STANDARD											
Constituent	Units													
4-Chlorophenyl-phenylether	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
4-Methylphenol	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
4-Nitroaniline	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
4-Nitrophenol	µg/l	-	-	10 U	11 UJ	11 UJ	10 U	10 UJ	11 UJ	11 UJ	11 UJ	11 UJ	na	
Acenaphthene	µg/l	20	20	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Acenaphthylene	µg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Acetophenone	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Anthracene	µg/l	50	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Atrazine	µg/l	-	7.5	2 U	2 U	2 U	2 U	2 U	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Benzaldehyde	µg/l	-	-	1 U	1 U	1 U	1 U	1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	na	
Benzo(a)anthracene	µg/l	0.002	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Benzo(a)pyrene	µg/l	-	0	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Benzo(b)fluoranthene	µg/l	0.002	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Benzo(g,h,i)perylene	µg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Benzo(k)fluoranthene	µg/l	0.002	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
bis(2-Chloroethoxy)methane	µg/l	-	5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
bis(2-Chloroethyl)ether	µg/l	-	1	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
bis(2-Ethylhexyl)phthalate	µg/l	-	5	2 U	2 U	2 U	2 U	3 J	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Butylbenzylphthalate	µg/l	50	-	2 U	2 UJ	2 UJ	2 U	2 UJ	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Caprolactam	µg/l	-	-	5 U	6 U	6 U	5 U	5 U	5.6 UJ	5.3 UJ	5.3 UJ	5.3 UJ	na	
Carbazole	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Chrysene	µg/l	0.002	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Dibenz(a,h)anthracene	µg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Dibenzofuran	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Diethylphthalate	µg/l	50	-	2 U	2 UJ	2 UJ	2 U	2 UJ	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Dimethylphthalate	µg/l	50	-	2 U	2 UJ	2 UJ	2 U	2 UJ	R	2.1 UJ	2.1 UJ	2.1 UJ	na	
Di-n-butylphthalate	µg/l	-	50	2 U	2 U	2 U	2 U	2 U	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Di-n-octylphthalate	µg/l	50	-	2 U	2 U	2 U	2 U	2 U	2.3 UJ	2.1 UJ	2.1 UJ	2.1 UJ	na	
Fluoranthene	µg/l	50	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Fluorene	µg/l	50	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Hexachlorobenzene	µg/l	-	0.04	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Hexachlorobutadiene	µg/l	-	0.5	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Hexachlorocyclopentadiene	µg/l	-	5	5 U	6 U	6 U	5 U	5 U	5.6 UJ	5.3 UJ	5.3 UJ	5.3 UJ	na	
Hexachloroethane	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	na	
Indeno(1,2,3-cd)pyrene	µg/l	0.002	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Isophorone	µg/l	50	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Naphthalene	µg/l	10	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Nitrobenzene	µg/l	-	0.4	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
N-Nitroso-di-n-propylamine	µg/l	-	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
N-Nitrosodiphenylamine	µg/l	50	-	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Pentachlorophenol	µg/l	-	1	1 U	1 U	1 U	1 U	1 U	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	na	
Phenanthrene	µg/l	50	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	
Phenol	µg/l	-	1	0.5 U	0.6 U	0.6 U	0.5 U	0.5 U	0.56 UJ	0.53 UJ	0.53 UJ	0.53 UJ	na	
Pvrene	µg/l	50	-	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	na	

Table 18

Analytical Results for Other Parameters from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



Location ID: Sample Date: Sample Depth: Sample Type:				JS-APS-001 08/09/2016 14.1 ft N	JS-APS-002 08/04/2016 7.4 ft N	JS-APS-003 08/03/2016 8.8 ft N	JS-APS-004 08/08/2016 61.9 ft N	JS-APS-005 08/03/2016 10.3 ft N	OS-APS-024 09/28/2016 40.2 ft N	OS-APS-025 10/04/2016 16.2 ft N	OS-APS-026 10/05/2016 15.2 ft N	OS-APS-027 10/06/2016 17.51 ft N	OS-APS-028 09/29/2016 89.9 ft N
Constituent	Units	NYSDEC TOGS111 GA GUIDANCE	NYSDEC TOGS111 GA STANDARD										
Volatile Organic Compounds (VOCs) by USEPA Method 8260													
1,1,1-Trichloroethane	µg/l	-	5	9	3	3	2	0.5 U	16	4	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	µg/l	-	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	µg/l	-	5	0.8 J	0.5 U	0.5 U	87	0.5 U	7	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	µg/l	-	5	0.5 U	0.5 U	0.5 U	8	0.5 U	3	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	µg/l	-	0.04	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dibromoethane	µg/l	-	0.0006	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	µg/l	-	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/l	-	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/l	-	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/l	-	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/l	-	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/l	50	-	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
2-Hexanone	µg/l	50	-	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
4-Methyl-2-pentanone	µg/l	-	-	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Acetone	µg/l	50	-	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U	6 U
Benzene	µg/l	-	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/l	50	-	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	µg/l	50	-	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	µg/l	60	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	µg/l	-	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	µg/l	-	5	6	2	0.5 U	0.5 U	0.5 U	0.8 J	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	µg/l	-	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	µg/l	-	-	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibromochloromethane	µg/l	50	-	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Freon 113	µg/l	-	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Isopropylbenzene (Cumene)	ug/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m+p-Xylene	ug/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	ug/l	-	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Tertiary Butyl Ether (MTB)	ug/l	10	-	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	µg/l	-	-	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 18
Analytical Results for Other Parameters from Groundwater Samples by Waterloo APS
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, NY



				Location ID:	JS-APS-001	JS-APS-002	JS-APS-003	JS-APS-004	JS-APS-005	OS-APS-024	OS-APS-025	OS-APS-026	OS-APS-027	OS-APS-028
				Sample Date:	08/09/2016	08/04/2016	08/03/2016	08/08/2016	08/03/2016	09/28/2016	10/04/2016	10/05/2016	10/06/2016	09/29/2016
				Sample Depth:	14.1 ft	7.4 ft	8.8 ft	61.9 ft	10.3 ft	40.2 ft	16.2 ft	15.2 ft	17.51 ft	89.9 ft
				Sample Type:	N	N	N	N	N	N	N	N	N	N
Constituent	Units	NYSDEC TOGS111 GA GUIDANCE	NYSDEC TOGS111 GA STANDARD											
Methylene Chloride	µg/l	-	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-Butylbenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Propylbenzene	µg/l	-	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
sec-Butylbenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
tert-Butylbenzene	µg/l	-	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/l	-	5	0.6 J	0.5 U	1	0.5 U	0.5 U	0.5 U	0.6 J	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7 J	0.5 U
trans-1,2-Dichloroethene	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	µg/l	-	0.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/l	-	5	110	30	8	3	0.5 U	48	4	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	µg/l	-	2	0.5 U	0.5 U	0.5 U	0.6 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (Total)	µg/l	-	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes and Abbreviations

µg/L - micrograms per liter

mg/L - milligrams per liter

U - Compound not detected

J - Estimated value

N - Primary sample

FD - Field duplicate sample

na - Sample not analyzed for this parameter

Bold value indicates detected value

Shaded value indicates value equal to, or greater than, standard or guidance

NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater

 Exceedance of NYS GA Standard or Guidance

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location Sample ID Date Laboratory Sample ID Matrix Sample Type Validate - Y/N	IRM-TW-001 IRM-TW-001(10102019)	IRM-TW-001 IRM-TW-001(12172019)-B6	IRM-TW-001 DUP(01212020) 2020-01-21 480-165418-10	IRM-TW-001 IRM-TW-001(01212020) 2020-01-21 480-165418-8	IRM-TW-001 DUP (03252020) 2020-03-25 460-205927-3	IRM-TW-001 IRM-TW-001 (03252020) 2020-03-25 460-205927-1	IRM-TW-001 DUP(06222020) 2020-06-22 460-211751-5
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD								
(None)											
Mercury	mg/l		0.0007		na	na	na	na	na	na	na
Mercury	ug/l		0.7		na	na	na	na	na	na	na
General Chemistry											
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	na	na	na	na
Bicarbonate	mg/l				na	na	na	na	na	na	na
Carbonate	mg/l				na	na	na	na	na	na	na
Chloride	mg/l		250		na	na	na	na	na	na	na
Ethane	ug/l				7.5 U	na	na	na	na	na	7.2 J
Ethene	ug/l				7 U	na	na	na	na	na	8
Methane	ug/l				4 U	na	na	na	na	na	4 U
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na	na	na	na
pH	ph units		8.5		6.99	8.22	7.12	7.14	7.65	7.78	8.1
Sulfate	mg/l		250		na	na	na	na	na	na	na
Sulfide	mg/l				na	na	na	na	na	na	na
Temperature	deg c				16.1	19.8	20.2	20.2	na	na	22.8
Total Organic Carbon	mg/l				1.1	2.9 J	6.3	6.8	1.3 J	1.5 J	0.98 J
Metals, Dissolved											
Calcium	mg/l				na	na	na	na	na	na	na
Calcium	ug/l				na	na	na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na	na	na
Magnesium	mg/l		35		na	na	na	na	na	na	na
Magnesium	ug/l		35000		na	na	na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na	na	na
Potassium	mg/l				na	na	na	na	na	na	na
Potassium	ug/l				na	na	na	na	na	na	na
Sodium	mg/l		20		na	na	na	na	na	na	na
Sodium	ug/l		20000		na	na	na	na	na	na	na
Metals, Total											
Aluminum	mg/l				na	na	na	na	na	na	na
Antimony	mg/l		0.003		na	na	na	na	na	na	na
Arsenic	mg/l		0.025		na	na	na	na	na	na	na
Barium	mg/l		1		na	na	na	na	na	na	na
Beryllium	mg/l		0.003		na	na	na	na	na	na	na
Cadmium	mg/l		0.005		na	na	na	na	na	na	na
Calcium	mg/l				na	na	na	na	na	na	na
Chromium, Total	mg/l		0.05		na	na	na	na	na	na	na
Cobalt	mg/l				na	na	na	na	na	na	na
Copper	mg/l		0.2		na	na	na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na	na	na
Lead	mg/l		0.025		na	na	na	na	na	na	na
Magnesium	mg/l		35		na	na	na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na	na	na
Nickel	mg/l		0.1		na	na	na	na	na	na	na
Potassium	mg/l				na	na	na	na	na	na	na
Selenium	mg/l		0.01		na	na	na	na	na	na	na
Silver	mg/l		0.05		na	na	na	na	na	na	na
Sodium	mg/l		20		na	na	na	na	na	na	na
Thallium	mg/l		0.0005		na	na	na	na	na	na	na
Vanadium	mg/l				na	na	na	na	na	na	na
Zinc	mg/l		2		na	na	na	na	na	na	na
Other											
BVCA Reductase	Cells/mL				na	na	na	na	na	na	na
Cyanide	mg/l		0.2		na	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na	na	na	na
PCBs											
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	na	na	na	na	na
Pesticides											
Aldrin	ug/l				na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	na	na	na	na	na
Alpha Endosulfan	ug/l				na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na	na	na
Beta Endosulfan	ug/l				na	na	na	na	na	na	na
cis-Chlordane	ug/l				na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na	na	na
Dieldrin	ug/l		0.004		na	na	na	na	na	na	na
Endosulfan Sulfate	ug/l				na	na	na	na	na	na	na
Endrin	ug/l		0		na	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5		na	na	na	na	na	na	na
Endrin Ketone	ug/l		5		na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	na	na	na	na	na
Heptachlor	ug/l		0.04		na	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	na	na	na	na	na
Methoxychlor	ug/l		35		na	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3		na	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2		na	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2		na	na	na	na	na	na	na
Toxaphene	ug/l		0.06		na	na	na	na	na	na	na
trans-Chlordane	ug/l				na	na	na	na	na	na	na
SVOCs											
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		na	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l				na	na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l				na	na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l				na	na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1		na	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50		1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l				1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10		na	na	na	na	na	na	na
2-Chlorophenol	ug/l				na	na	na	na	na	na	na
2-Methylnaphthalene	ug/l				na	na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	na	na	na	na	na
2-Nitroaniline	ug/l		5		na	na	na	na	na	na	na
2-Nitrophenol	ug/l				na	na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	na	na	na	na	na
3-Nitroaniline	ug/l		5		na	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	na	na	na	na	na
4-Chloroaniline	ug/l		5		na	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	na	na	na	na	na
4-Nitroaniline	ug/l		5		na	na	na	na	na	na	na
4-Nitrophenol	ug/l				na	na	na	na	na	na	na
Acenaphthene	ug/l		20		20	na	na	na	na	na	na
Acenaphthylene	ug/l				na	na	na	na	na	na	na
Acetophenone	ug/l				na	na	na	na	na	na	na
Anthracene	ug/l		50		na	na	na	na	na	na	8
Atrazine	ug/l				7.5	na	na	na	na	na	na
Benzaldehyde	ug/l				na	na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002		na	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l				0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002		na	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-001 IRM-TW-001(10102019) 480-160865-5 WG N Y	IRM-TW-001 IRM-TW-001(12172019)-B6 2019-12-17 480-164415-8 WG N Y	IRM-TW-001 DUP(01212020) 2020-01-21 480-165418-10 WG FD Y	IRM-TW-001 IRM-TW-001(01212020) 2020-01-21 480-165418-8 WG N Y	IRM-TW-001 DUP (03252020) 2020-03-25 460-205927-3 WG FD Y	IRM-TW-001 IRM-TW-001 (03252020) 2020-03-25 460-205927-1 WG N Y	IRM-TW-001 DUP(06222020) 2020-06-22 460-211751-5 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na	na
VOCs										
1,1,1-Trichloroethane (TCA)	ug/l		5	3.7	1 U	1 U	1 U	5700	4900	980
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 UJ	1 U	1 U	20 U	20 U	5 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	13 J	13 J	2.5 J
1,1-Dichloroethane	ug/l		5	1 U	1 U	1 U	1 U	550	570	190
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	5.4 J	20 U	1.8 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	20 U	5 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	20 U	5 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	100 U	100 U	25 U
Acetone	ug/l	50		10 U	10 U	4 J	10 U	100 U	100 U	25 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	20 U	20 U	5 U
Bromoforn	ug/l	50		1 U	1 U	1 U	1 U	20 U	20 U	5 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	20 U	20 U	5 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Chloromethane	ug/l		5	1 U	1 U	0.39 J	1 U	20 U	20 U	5 U
Cis-1,2-Dichloroethylene	ug/l		5	3.9	2.8	4.8	4.9	19 J	19 J	7.5
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	20 U	20 U	5 U
Cymene	ug/l		5	na	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	20 U	20 U	5 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	2.5 U	2.5 U	2.5 U	100 U	100 U	25 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	10 U	10 U	100 U	100 U	16 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	100 U	100 U	25 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	20 U	20 U	5 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	20 U	20 U	5 U
Tetrachloroethylene (PCE)	ug/l		5	0.77 J	1 U	1 U	1 U	20 U	20 U	5 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Trichloroethylene (TCE)	ug/l		5	56	2.3	16	15	1700	1600	420
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	20 U	20 U	5 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	40 U	40 U	10 U

Notes and Abbreviations

- mg/L -milligrams per liter
- µg/L - micrograms per liter
- U - Compound not detected
- J - Estimated value
- N - Primary sample
- FD - Field duplicate sample
- na - Sample not analyzed for this parameter
- Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: IRM-TW-001(06222020)-B1 Date: 2020-06-22 Laboratory Sample ID: 460-211751-1 Matrix: WG Sample Type: N Validate - Y/N: Y				IRM-TW-001 IRM-TW-001(10212020) 2020-06-22 460-221392-11 WG N Y	IRM-TW-001 IRM-TW-001(10212020) 2020-10-21 460-221392-11 WG N Y	IRM-TW-001 IRM-TW-001 (02022021) 2021-02-02 460-227614-1 WG N Y	IRM-TW-002 IRM-TW-002(10112019) 2019-10-11 480-160865-9 WG N Y	IRM-TW-002 IRM-TW-002(12182019)-B6 2019-12-18 480-164415-14 WG N Y	IRM-TW-002 IRM-TW-002(01202020) 2020-01-20 480-165418-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			5.2 J	na	7.5 U	7.5 U	na	na
Ethene	ug/l			6.1 J	na	7 U	7 U	na	na
Methane	ug/l			4 U	na	4 U	4 U	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8	7.79	7.62	7.24	7	7.59
Sulfate	mg/l		250	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			22.7	22.3	21.8	17	20.4	20
Total Organic Carbon	mg/l			0.94 J	0.82 J	1.1	1.1	258	21.6
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-001 IRM-TW-001(06222020)-B1 2020-06-22 460-211751-1 WG N Y	IRM-TW-001 IRM-TW-001(10212020) 2020-10-21 460-221392-11 WG N Y	IRM-TW-001 IRM-TW-001 (02022021) 2021-02-02 460-227614-1 WG N Y	IRM-TW-002 IRM-TW-002(10112019) 2019-10-11 480-160865-9 WG N Y	IRM-TW-002 IRM-TW-002(12182019)-B6 2019-12-18 480-164415-14 WG N Y	IRM-TW-002 IRM-TW-002(01202020) 2020-01-20 480-165418-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	940	370	110	4.3	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	2.6	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	230	44	11	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	2.1	1.4	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	0.93 J	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	2 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	2 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	2 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		10 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	5 U	5 U	10 U	23	3.9 J
Benzene	ug/l		1	2 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		2 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		2 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	2 UJ	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		2 U	1 U	1 U	1 U	0.38 J	1 U
Carbon Tetrachloride	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	2 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	10	5.4	4.2	3.1	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	2 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			2 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		2 U	1 U	1 U	1 U	1 UJ	1 U
Dichlorodifluoromethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			10 U	5 U	5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		17	5 U	5 U	10 U	8.3 J	1.7 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			10 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			2 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		2 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	2 U	1 U	1 U	0.87 J	1 U	1 U
Toluene	ug/l		5	0.84 J	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	0.64 J	0.26 J	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	2 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	430	170	120	42	0.63 J	0.46 J
Trichlorofluoromethane	ug/l		5	2 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	0.42 J	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	4 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	IRM-TW-002 IRM-TW-002 (03252020) 2020-03-25 460-205927-2 WG N Y	IRM-TW-002 IRM-TW-002(06232020)-B1 2020-06-23 460-211844-2 WG N Y	IRM-TW-002 IRM-TW-002(10212020) 2020-10-21 460-221392-13 WG N Y	IRM-TW-002 IRM-TW-002 (02032021) 2021-02-03 460-227796-8 WG N Y	IRM-TW-003 IRM-TW-003(10102019) 2019-10-10 480-160865-6 WG N Y	IRM-TW-003 IRM-TW-003(12172019)-B6 2019-12-17 480-164415-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007		na	na	na	na	na	na
Mercury	ug/l		0.7		na	na	na	na	na	na
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	na	na	na
Bicarbonate	mg/l				na	na	na	na	na	na
Carbonate	mg/l				na	na	na	na	na	na
Chloride	mg/l		250		na	na	na	na	na	na
Ethane	ug/l				na	6.5 J	na	21	7.5 U	na
Ethene	ug/l				na	6.7 J	na	9	7 U	na
Methane	ug/l				na	22	na	2300	4 U	na
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na	na	na
pH	ph units		8.5		8.09	8.22	8.33	8.31	6.99	7.43
Sulfate	mg/l		250		na	na	na	na	na	na
Sulfide	mg/l				na	na	na	na	na	na
Temperature	deg c				na	22.6	22.3	21.8	16.5	20.3
Total Organic Carbon	mg/l				6.8	10.8	0.74 J	0.62 J	1.3	49.6
Metals, Dissolved										
Calcium	mg/l				na	na	na	na	na	na
Calcium	ug/l				na	na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na	na
Magnesium	mg/l		35		na	na	na	na	na	na
Magnesium	ug/l		35000		na	na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na	na
Potassium	mg/l				na	na	na	na	na	na
Potassium	ug/l				na	na	na	na	na	na
Sodium	mg/l		20		na	na	na	na	na	na
Sodium	ug/l		20000		na	na	na	na	na	na
Metals, Total										
Aluminum	mg/l				na	na	na	na	na	na
Antimony	mg/l		0.003		na	na	na	na	na	na
Arsenic	mg/l		0.025		na	na	na	na	na	na
Barium	mg/l		1		na	na	na	na	na	na
Beryllium	mg/l		0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005		na	na	na	na	na	na
Calcium	mg/l				na	na	na	na	na	na
Chromium, Total	mg/l		0.05		na	na	na	na	na	na
Cobalt	mg/l				na	na	na	na	na	na
Copper	mg/l		0.2		na	na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na	na
Lead	mg/l		0.025		na	na	na	na	na	na
Magnesium	mg/l		35		na	na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na	na
Nickel	mg/l		0.1		na	na	na	na	na	na
Potassium	mg/l				na	na	na	na	na	na
Selenium	mg/l		0.01		na	na	na	na	na	na
Silver	mg/l		0.05		na	na	na	na	na	na
Sodium	mg/l		20		na	na	na	na	na	na
Thallium	mg/l		0.0005		na	na	na	na	na	na
Vanadium	mg/l				na	na	na	na	na	na
Zinc	mg/l		2		na	na	na	na	na	na
Other										
BVCA Reductase	Cells/mL				na	na	na	na	na	na
Cyanide	mg/l		0.2		na	na	na	na	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na	na	na
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	na	na	na	na
Pesticides										
Aldrin	ug/l				na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	na	na	na	na
Alpha Endosulfan	ug/l				na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na	na
Beta Endosulfan	ug/l				na	na	na	na	na	na
cis-Chlordane	ug/l				na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na	na
Dieldrin	ug/l		0.004		na	na	na	na	na	na
Endosulfan Sulfate	ug/l				na	na	na	na	na	na
Endrin	ug/l		0		na	na	na	na	na	na
Endrin Aldehyde	ug/l		5		na	na	na	na	na	na
Endrin Ketone	ug/l		5		na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	na	na	na	na
Heptachlor	ug/l		0.04		na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	na	na	na	na
Methoxychlor	ug/l		35		na	na	na	na	na	na
P,P'-DDD	ug/l		0.3		na	na	na	na	na	na
P,P'-DDE	ug/l		0.2		na	na	na	na	na	na
P,P'-DDT	ug/l		0.2		na	na	na	na	na	na
Toxaphene	ug/l		0.06		na	na	na	na	na	na
trans-Chlordane	ug/l				na	na	na	na	na	na
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l				na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l				na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l				na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1		na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50		na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1		na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10		na	na	na	na	na	na
2-Chlorophenol	ug/l				na	na	na	na	na	na
2-Methylnaphthalene	ug/l				na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	na	na	na	na
2-Nitroaniline	ug/l		5		na	na	na	na	na	na
2-Nitrophenol	ug/l				na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	na	na	na	na
3-Nitroaniline	ug/l		5		na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	na	na	na	na
4-Chloroaniline	ug/l		5		na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	na	na	na	na
4-Nitroaniline	ug/l		5		na	na	na	na	na	na
4-Nitrophenol	ug/l				na	na	na	na	na	na
Acenaphthene	ug/l		20		na	na	na	na	na	na
Acenaphthylene	ug/l				na	na	na	na	na	na
Acetophenone	ug/l				na	na	na	na	na	na
Anthracene	ug/l		50		na	na	na	na	na	na
Atrazine	ug/l				na	na	na	na	na	na
Benzaldehyde	ug/l				na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l				na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	IRM-TW-002 IRM-TW-002 (03252020) 2020-03-25 460-205927-2 WG N Y	IRM-TW-002 IRM-TW-002(06232020)-B1 2020-06-23 460-211844-2 WG N Y	IRM-TW-002 IRM-TW-002(10212020) 2020-10-21 460-221392-13 WG N Y	IRM-TW-002 IRM-TW-002 (02032021) 2021-02-03 460-227796-8 WG N Y	IRM-TW-003 IRM-TW-003(10102019) 2019-10-10 480-160865-6 WG N Y	IRM-TW-003 IRM-TW-003(12172019)-B6 2019-12-17 480-164415-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na	na
VOCs										
1,1,1-Trichloroethane (TCA)	ug/l		5	0.37 J	1 U	4.2	2.4	6.7	1 U	
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	5 U	1 U	
1,1-Dichloroethane	ug/l		5	1 U	1 U	0.65 J	0.83 J	5 U	1 U	
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na	
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na	
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	5 U	1 U	
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	5 U	1 U	
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	5 U	1 U	
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	5 U	1 U	
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	5 U	1 U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na	
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	5 U	1 U	
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	5 U	1 U	
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	25 U	5 U	
Acetone	ug/l	50		5 U	4.5 J	5 U	5 U	50 U	8.9 J	
Benzene	ug/l		1	1 U	1 U	1 U	1 U	5 U	1 U	
Bromochloromethane	ug/l		5	na	na	na	na	na	na	
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	5 U	1 U	
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	5 U	1 U	
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	5 U	1 U	
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	5 U	1 U	
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	0.35 J	0.28 J	26	1 U	
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	5 U	1 U	
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	5 U	1 U	
Cymene	ug/l		5	na	na	na	na	na	na	
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	5 U	1 U	
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
m,p-Xylene	ug/l		5	na	na	na	na	na	na	
Methyl Acetate	ug/l			5 U	5 U	5 U	5 U	13 U	2.5 U	
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	9.8	4.1 J	3 J	50 U	10 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	25 U	5 U	
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	5 U	1 U	
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
N-Butylbenzene	ug/l		5	na	na	na	na	na	na	
N-Propylbenzene	ug/l		50	na	na	na	na	na	na	
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na	
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na	
Styrene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
T-Butylbenzene	ug/l		5	na	na	na	na	na	na	
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	5 U	1 U	
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1.9 J	1 U	
Toluene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	5 U	1 U	
Trichloroethylene (TCE)	ug/l		5	0.62 J	0.42 J	1 U	1 U	270	1.2	
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	5 U	1 U	
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	5 U	1 U	
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	10 U	2 U	

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-003 IRM-TW-003(01212020) 2020-01-21 480-165418-6 WG N Y	IRM-TW-003 IRM-TW-003(03272020)-B6 2020-03-27 460-206050-2 WG N Y	IRM-TW-003 IRM-TW-003(06232020)-B1 2020-06-23 460-211844-1 WG N Y	IRM-TW-003 IRM-DUP(10212020) 2020-10-21 460-221392-7 WG FD Y	IRM-TW-003 IRM-TW-003(10212020) 2020-10-21 460-221392-9 WG N Y	IRM-TW-003 IRM-TW-003 (02022021) 2021-02-02 460-227614-2 WG N Y				
				Analyte		Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
				(None)									
				Mercury	mg/l		0.0007	na	na	na	na	na	na
				Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry													
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na				
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na				
Bicarbonate	mg/l			na	na	na	na	na	na				
Carbonate	mg/l			na	na	na	na	na	na				
Chloride	mg/l		250	na	na	na	na	na	na				
Ethane	ug/l			na	na	6.3 J	na	na	1.9 J				
Ethene	ug/l			na	na	5.3 J	na	na	7 U				
Methane	ug/l			na	na	11	na	na	130				
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na				
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na				
pH	ph units		8.5	7.29	7.95	8.11	8.03	7.94	7.89				
Sulfate	mg/l		250	na	na	na	na	na	na				
Sulfide	mg/l			na	na	na	na	na	na				
Temperature	deg c			20.3	na	22.8	22.4	22.4	21.5				
Total Organic Carbon	mg/l			7.2	2.1	3.6	0.69 J	0.69 J	1.2				
Metals, Dissolved													
Calcium	mg/l			na	na	na	na	na	na				
Calcium	ug/l			na	na	na	na	na	na				
Iron	mg/l		0.3	na	na	na	na	na	na				
Magnesium	mg/l	35		na	na	na	na	na	na				
Magnesium	ug/l	35000		na	na	na	na	na	na				
Manganese	mg/l		0.3	na	na	na	na	na	na				
Potassium	mg/l			na	na	na	na	na	na				
Potassium	ug/l			na	na	na	na	na	na				
Sodium	mg/l		20	na	na	na	na	na	na				
Sodium	ug/l		20000	na	na	na	na	na	na				
Metals, Total													
Aluminum	mg/l			na	na	na	na	na	na				
Antimony	mg/l		0.003	na	na	na	na	na	na				
Arsenic	mg/l		0.025	na	na	na	na	na	na				
Barium	mg/l		1	na	na	na	na	na	na				
Beryllium	mg/l	0.003		na	na	na	na	na	na				
Cadmium	mg/l		0.005	na	na	na	na	na	na				
Calcium	mg/l			na	na	na	na	na	na				
Chromium, Total	mg/l		0.05	na	na	na	na	na	na				
Cobalt	mg/l			na	na	na	na	na	na				
Copper	mg/l		0.2	na	na	na	na	na	na				
Iron	mg/l		0.3	na	na	na	na	na	na				
Lead	mg/l		0.025	na	na	na	na	na	na				
Magnesium	mg/l	35		na	na	na	na	na	na				
Manganese	mg/l		0.3	na	na	na	na	na	na				
Nickel	mg/l		0.1	na	na	na	na	na	na				
Potassium	mg/l			na	na	na	na	na	na				
Selenium	mg/l		0.01	na	na	na	na	na	na				
Silver	mg/l		0.05	na	na	na	na	na	na				
Sodium	mg/l		20	na	na	na	na	na	na				
Thallium	mg/l	0.0005		na	na	na	na	na	na				
Vanadium	mg/l			na	na	na	na	na	na				
Zinc	mg/l	2		na	na	na	na	na	na				
Other													
BVCA Reductase	Cells/mL			na	na	na	na	na	na				
Cyanide	mg/l		0.2	na	na	na	na	na	na				
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na				
Dehalococcoides	Cells/mL			na	na	na	na	na	na				
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na				
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na				
TCEA Reductase	Cells/mL			na	na	na	na	na	na				
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na				
PCBs													
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na				
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na				
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na				
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na				
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na				
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na				
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na				
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na				
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na				
Pesticides													
Aldrin	ug/l			na	na	na	na	na	na				
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na				
Alpha Endosulfan	ug/l			na	na	na	na	na	na				
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na				
Beta Endosulfan	ug/l			na	na	na	na	na	na				
cis-Chlordane	ug/l			na	na	na	na	na	na				
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na				
Dieldrin	ug/l		0.004	na	na	na	na	na	na				
Endosulfan Sulfate	ug/l			na	na	na	na	na	na				
Endrin	ug/l		0	na	na	na	na	na	na				
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na				
Endrin Ketone	ug/l		5	na	na	na	na	na	na				
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na				
Heptachlor	ug/l		0.04	na	na	na	na	na	na				
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na				
Methoxychlor	ug/l		35	na	na	na	na	na	na				
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na				
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na				
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na				
Toxaphene	ug/l		0.06	na	na	na	na	na	na				
trans-Chlordane	ug/l			na	na	na	na	na	na				
SVOCs													
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na				
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na				
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na				
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na				
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na				
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na				
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na				
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na				
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na				
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na				
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na				
2-Chlorophenol	ug/l			na	na	na	na	na	na				
2-Methylnaphthalene	ug/l			na	na	na	na	na	na				
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na				
2-Nitroaniline	ug/l		5	na	na	na	na	na	na				
2-Nitrophenol	ug/l			na	na	na	na	na	na				
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na				
3-Nitroaniline	ug/l		5	na	na	na	na	na	na				
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na				
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na				
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na				
4-Chloroaniline	ug/l		5	na	na	na	na	na	na				
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na				
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na				
4-Nitroaniline	ug/l		5	na	na	na	na	na	na				
4-Nitrophenol	ug/l			na	na	na	na	na	na				
Acenaphthene	ug/l	20	20	na	na	na	na	na	na				
Acenaphthylene	ug/l			na	na	na	na	na	na				
Acetophenone	ug/l			na	na	na	na	na	na				
Anthracene	ug/l	50		na	na	na	na	na	na				
Atrazine	ug/l		7.5	na	na	na	na	na	na				
Benzaldehyde	ug/l			na	na	na	na	na	na				
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na				
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na				
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na				

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-003 IRM-TW-003(01212020) 2020-01-21 480-165418-6 WG N Y	IRM-TW-003 IRM-TW-003(03272020)-B6 2020-03-27 460-206050-2 WG N Y	IRM-TW-003 IRM-TW-003(06232020)-B1 2020-06-23 460-211844-1 WG N Y	IRM-TW-003 IRM-DUP(10212020) 2020-10-21 460-221392-7 WG FD Y	IRM-TW-003 IRM-TW-003(10212020) 2020-10-21 460-221392-9 WG N Y	IRM-TW-003 IRM-TW-003 (02022021) 2021-02-02 460-227614-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1	0.28 J	2.5	2.6	3
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	0.4 J	1 U	0.49 J	0.9 J	0.9 J	0.91 J
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		4.4 J	5 U	5 U	5 U	5 U	5 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 UJ	1 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	0.41 J	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	0.76 J	2.7	2.6	2.1
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 UJ	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	5 U	5 UJ	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1.1	0.62 J	0.7 J	0.42 J	0.4 J	0.32 J
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 IRM-TW-004(10102019) 2019-10-10 480-160865-4 WG N Y	IRM-TW-004 DUP(12172019)-B1 2019-12-17 480-164415-10 WG FD Y	IRM-TW-004 IRM-TW-004(12172019)-B1 2019-12-17 480-164415-9 WG N Y	IRM-TW-004 IRM-TW-004(01202020) 2020-01-20 480-165418-2 WG N Y	IRM-TW-004 IRM-TW-004 (03252020) 2020-03-25 460-205927-6 WG N Y	IRM-TW-004 IRM-TW-004(06222020)-B1 2020-06-22 460-211751-2 WG N Y	IRM-TW-004 IRM-TW-004(10202020) 2020-10-20 460-221392-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	na	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na	na
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na	na
Ethane	ug/l			7.5 U	na	na	na	na	7.5 U	na
Ethene	ug/l			7 U	na	na	na	na	7 U	na
Methane	ug/l			4 U	na	na	na	na	2.9 J	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na	na
pH	ph units		8.5	7.24	8.25	8.17	7.29	7.87	8.1	7.93
Sulfate	mg/l		250	na	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na	na
Temperature	deg c			16	19.8	19.4	20	na	22.8	22.3
Total Organic Carbon	mg/l			1.6	33.7	33.6	4.2 J	1 J	0.79 J	0.73 J
Metals, Dissolved										
Calcium	mg/l			na	na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na	na
Metals, Total										
Aluminum	mg/l			na	na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na	na
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na	na
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na	na
Pesticides										
Aldrin	ug/l			na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na	na
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na	na
Atrazine	ug/l		7.5	na	ug/l	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 IRM-TW-004(10102019) 2019-10-10 480-160865-4 WG N Y	IRM-TW-004 DUP(12172019)-B1 2019-12-17 480-164415-10 WG FD Y	IRM-TW-004 IRM-TW-004(12172019)-B1 2019-12-17 480-164415-9 WG N Y	IRM-TW-004 IRM-TW-004(01202020) 2020-01-20 480-165418-2 WG N Y	IRM-TW-004 IRM-TW-004 (03252020) 2020-03-25 460-205927-6 WG N Y	IRM-TW-004 IRM-TW-004(06222020)-B1 2020-06-22 460-211751-2 WG N Y	IRM-TW-004 IRM-TW-004(10202020) 2020-10-20 460-221392-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na	na
VOCs										
1,1,1-Trichloroethane (TCA)	ug/l		5	6.4	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	2.2 J	1 U	1 U	1 U	1 U	0.33 J	1.4
1,1-Dichloroethene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	5 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	5 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		25 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		50 U	3.9 J	3.4 J	10 U	5 U	5 U	5 U
Benzene	ug/l		1	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		5 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		5 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	22	1 U	1 U	1 U	0.67 J	0.49 J	1.4
Cis-1,3-Dichloropropene	ug/l		0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			5 U	1 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		5 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na	na
Methyl Acetate	ug/l			13 U	2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		50 U	10 U	10 U	10 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			25 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			5 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
Styrene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		5 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	200	1 U	1 U	1 U	0.52 J	1 U	1 U
Trichlorofluoromethane	ug/l		5	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	5 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	10 U	2 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L -milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-004 DUP (02022021) 2021-02-02 460-227614-5 WG FD Y	IRM-TW-004 IRM-TW-004 (02022021) 2021-02-02 460-227614-3 WG N Y	IRM-TW-005 IRM-TW-005(10092019) 2019-10-09 480-160747-1 WG N Y	IRM-TW-005 IRM-TW-005(10102019) 2019-10-10 480-160865-7 WG N Y	IRM-TW-005 IRM-TW-005(10112019) 2019-10-11 480-160865-8 WG N Y	IRM-TW-005 IRM-TW-005(12172019)-B6 2019-12-17 480-164415-5 WG N Y	IRM-TW-005 IRM-TW-005(01202020) 2020-01-20 480-165418-3 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	na	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na	na
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na	na
Ethane	ug/l			7.5 U	7.5 U	7.5 U	na	na	na	na
Ethene	ug/l			7 U	7 U	7 U	na	na	na	na
Methane	ug/l			4 U	4 U	4 U	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na	na
pH	ph units		8.5	7.85	7.75	na	na	7.42	7.55	na
Sulfate	mg/l		250	na	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na	na
Temperature	deg c			21.3	21.2	na	na	17	20.3	na
Total Organic Carbon	mg/l			0.8 J	0.76 J	1.9 J	na	na	6.3	2 J
Metals, Dissolved										
Calcium	mg/l			na	na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na	na
Magnesium	ug/l		35000	na	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na	na
Metals, Total										
Aluminum	mg/l			na	na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na	na
Beryllium	mg/l		0.003	na	na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	na
Thallium	mg/l		0.0005	na	na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na	na
Zinc	mg/l		2	na	na	na	na	na	na	na
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na	na
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na	na
Pesticides										
Aldrin	ug/l			na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na	na
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na	na
Anthracene	ug/l		50	na	na	na	na	na	na	na
Atrazine	ug/l			7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	IRM-TW-004 DUP (02022021) 2021-02-02 460-227614-5 WG FD Y	IRM-TW-004 IRM-TW-004 (02022021) 2021-02-02 460-227614-3 WG N Y	IRM-TW-005 IRM-TW-005(10092019) 2019-10-09 480-160747-1 WG N Y	IRM-TW-005 IRM-TW-005(10102019) 2019-10-10 480-160865-7 WG N Y	IRM-TW-005 IRM-TW-005(10112019) 2019-10-11 480-160865-8 WG N Y	IRM-TW-005 IRM-TW-005(12172019)-B6 2019-12-17 480-164415-5 WG N Y	IRM-TW-005 IRM-TW-005(01202020) 2020-01-20 480-165418-3 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD								
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na	na	na
Naphthalene	ug/l		10	na	na	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na	na	na
VOCs											
1,1,1-Trichloroethane (TCA)	ug/l		5	5.9	5.6	15	na	na	na	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 UJ	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	2 U	na	na	na	1 U	1 U
1,1-Dichloroethane	ug/l		5	1.5	1.5	1.3 J	na	na	na	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	2 U	na	na	na	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	2 U	na	na	na	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	na	na	na	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	na	na	na	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	10 U	na	na	na	5 U	5 U
Acetone	ug/l	50		5 U	5 U	20 U	na	na	na	10 U	10 U
Benzene	ug/l		1	1 U	1 U	2 U	na	na	na	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	2 U	na	na	na	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	2 U	na	na	na	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	2 U	na	na	na	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	2 U	na	na	na	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	2.5	2.4	8.4	na	na	na	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	na	na	na	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	2 U	na	na	na	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	2 U	na	na	na	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na	na	na
Methyl Acetate	ug/l			5 U	5 U	5 U	na	na	na	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	20 U	na	na	na	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	10 U	na	na	na	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	2 U	na	na	na	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	2 U	na	na	na	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1.5 J	na	na	na	1 U	1 U
Toluene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	na	na	na	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	1 U	99	na	na	na	2	1.5
Trichlorofluoromethane	ug/l		5	1 U	1 U	2 U	na	na	na	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	2 U	na	na	na	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	4 U	na	na	na	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-005 IRM-TW-005(01212020) 2020-01-21 480-165418-5 WG N Y	IRM-TW-005 IRM-TW-005(03272020)-B6 2020-03-27 460-206050-1 WG N Y	IRM-TW-005 IRM-TW-005(10212020) 2020-10-21 460-221392-6 WG N Y	IRM-TW-006 IRM-TW-006(10092019) 2019-10-09 480-160747-5 WG N Y	IRM-TW-006 IRM-TW-006(12172019)-B6 2019-12-17 480-164415-7 WG N Y	IRM-TW-006 IRM-TW-006(01202020) 2020-01-20 480-165418-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	na	na	7.5 U	na	na
Ethene	ug/l			na	na	na	7 U	na	na
Methane	ug/l			na	na	na	4 U	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	na	7.65	7.82	6.99	8.13	7.12
Sulfate	mg/l		250	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	na	22.3	19.5	20.4	20.1
Total Organic Carbon	mg/l			na	1 U	1 U	1.2 J	9.7	30.9
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-005 IRM-TW-005(01212020) 2020-01-21 480-165418-5 WG N Y	IRM-TW-005 IRM-TW-005(03272020)-B6 2020-03-27 460-206050-1 WG N Y	IRM-TW-005 IRM-TW-005(10212020) 2020-10-21 460-221392-6 WG N Y	IRM-TW-006 IRM-TW-006(10092019) 2019-10-09 480-160747-5 WG N Y	IRM-TW-006 IRM-TW-006(12172019)-B6 2019-12-17 480-164415-7 WG N Y	IRM-TW-006 IRM-TW-006(01202020) 2020-01-20 480-165418-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	na	0.73 J	2.9	66	22	6.1
1,1,2,2-Tetrachloroethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	na	1 U	1 U	5 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	na	1 U	1 U	5 U	0.46 J	1 U
1,1-Dichloroethene	ug/l		5	na	1 U	1 U	1.9 J	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	na	1 U	1 U	5 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	na	1 U	1 U	5 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	na	1 U	1 U	5 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	na	1 U	1 U	5 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	na	1 U	1 U	5 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	na	1 U	1 U	5 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	na	1 U	1 U	5 U	1 U	1 U
2-Hexanone	ug/l	50		na	5 U	5 U	25 U	5 U	5 U
Acetone	ug/l	50		na	5 U	5 U	50 U	5.5 J	4.2 J
Benzene	ug/l		1	na	1 U	1 U	5 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		na	1 U	1 U	5 U	1 U	1 U
Bromoform	ug/l	50		na	1 U	1 U	5 U	1 U	1 U
Bromomethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Carbon Disulfide	ug/l	60		na	1 U	1 U	5 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Chlorobenzene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Chloroethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Chloroform	ug/l		7	na	1 U	1 U	5 U	1 U	1 U
Chloromethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	na	0.55 J	0.76 J	11	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	na	1 U	1 U	5 U	1 U	1 U
Cyclohexane	ug/l			na	1 U	1 U	5 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		na	1 U	1 U	5 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	na	1 UJ	1 U	5 U	1 U	1 U
Ethylbenzene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			na	5 U	5 U	13 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		na	5 U	5 U	50 U	10 U	1.4 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			na	5 U	5 U	25 U	5 U	5 U
Methylcyclohexane	ug/l			na	1 U	1 U	5 U	1 U	1 U
Methylene Chloride	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		na	1 U	1 U	5 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Toluene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	na	1 U	1 U	5 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	na	3.3	2.8	200	0.98 J	0.51 J
Trichlorofluoromethane	ug/l		5	na	1 U	1 U	5 U	1 U	1 U
Vinyl Chloride	ug/l		2	na	1 U	1 U	5 U	1 U	1 U
Xylenes	ug/l		5	na	2 U	2 U	10 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-006 IRM-TW-006(03272020)-B6 2020-03-27 460-206050-3 WG N Y	IRM-TW-006 IRM-TW-006(06232020)-B1 2020-06-23 460-211844-6 WG N Y	IRM-TW-006 IRM-TW-006(10202020) 2020-10-20 460-221392-1 WG N Y	IRM-TW-006 IRM-TW-006 (02022021) 2021-02-02 460-227614-4 WG N Y	JS-MW-001A JS-MW-001A(01092017) 2017-01-09 8779944 WG N Y	JS-MW-001A MW-DUP-002(01092017) 2017-01-09 8779945 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	0.00005 U	0.00005 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	2.8 J	na	7.5 U	na	na
Ethene	ug/l			na	2 J	na	7 U	na	na
Methane	ug/l			na	8.6	na	150	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.73	8.17	7.96	7.74	7.4	7.6
Sulfate	mg/l		250	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	22.7	22.4	21.2	21.6	22.3
Total Organic Carbon	mg/l			0.89 J	1.2	1 U	0.62 J	1.8	1.8
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	0.0868 U	0.0868 U
Antimony	mg/l		0.003	na	na	na	na	0.0077 U	0.0077 U
Arsenic	mg/l		0.025	na	na	na	na	0.0097 U	0.0097 U
Barium	mg/l		1	na	na	na	na	0.063	0.0626
Beryllium	mg/l	0.003		na	na	na	na	0.00067 U	0.00067 U
Cadmium	mg/l		0.005	na	na	na	na	0.00049 U	0.00049 U
Calcium	mg/l			na	na	na	na	72.3	73.2
Chromium, Total	mg/l		0.05	na	na	na	na	0.0271 J	0.0277 J
Cobalt	mg/l			na	na	na	na	0.0019 U	0.0019 U
Copper	mg/l		0.2	na	na	na	na	0.0041 U	0.0041 U
Iron	mg/l		0.3	na	na	na	na	0.0747 U	0.0747 U
Lead	mg/l		0.025	na	na	na	na	0.0062 U	0.0062 U
Magnesium	mg/l	35		na	na	na	na	14.6 J	14.8 J
Manganese	mg/l		0.3	na	na	na	na	0.0018 U	0.0018 U
Nickel	mg/l		0.1	na	na	na	na	0.0028 U	0.0028 U
Potassium	mg/l			na	na	na	na	4	4.03
Selenium	mg/l		0.01	na	na	na	na	0.0345 J	0.032 J
Silver	mg/l		0.05	na	na	na	na	0.0019 U	0.0019 U
Sodium	mg/l		20	na	na	na	na	39.2 J	39.6 J
Thallium	mg/l	0.0005		na	na	na	na	0.0094 U	0.0094 U
Vanadium	mg/l			na	na	na	na	0.0016 U	0.0016 U
Zinc	mg/l	2		na	na	na	na	0.0054 U	0.0056 J
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				IRM-TW-006 IRM-TW-006(03272020)-B6 2020-03-27 460-206050-3 WG N Y	IRM-TW-006 IRM-TW-006(06232020)-B1 2020-06-23 460-211844-6 WG N Y	IRM-TW-006 IRM-TW-006(10202020) 2020-10-20 460-221392-1 WG N Y	IRM-TW-006 IRM-TW-006 (02022021) 2021-02-02 460-227614-4 WG N Y	JS-MW-001A JS-MW-001A(01092017) 2017-01-09 8779944 WG N Y	JS-MW-001A MW-DUP-002(01092017) 2017-01-09 8779945 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	7.8	7.6	7.2	26	19	19
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	2 U	2 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,1-Dichloroethane	ug/l		5	0.26 J	1 U	0.68 J	1.1	1	2
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	0.6 J	0.6 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	1 U	1 U
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	1 U	1 U
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	2 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	1 U	1 U
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	3 U	3 U
Acetone	ug/l	50		5 U	5 U	5 U	5 U	6 U	6 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Bromochloromethane	ug/l		5	na	na	na	na	1 U	1 U
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	0.5 U	0.5 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	0.5 U	0.5 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 UJ	1 U	1 U	0.5 U	0.5 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l		5	0.37 J	0.26 J	0.81 J	2.3	8	8
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	2 U	2 U
Cymene	ug/l		5	na	na	na	na	1 U	1 U
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	0.5 U	0.5 U
Dichlorodifluoromethane	ug/l		5	1 UJ	1 U	1 U	1 U	0.5 U	0.5 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	0.5 U	0.5 U
Methyl Acetate	ug/l			5 U	5 U	5 U	5 U	1 U	1 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	5 U	3 U	3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	3 U	3 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	2 U	2 U
N-Butylbenzene	ug/l		5	na	na	na	na	1 U	1 U
N-Propylbenzene	ug/l		50	na	na	na	na	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	0.5 U	0.5 U
Sec-Butylbenzene	ug/l		5	na	na	na	na	1 U	1 U
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	1 U	1 U
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	0.5 U	0.5 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	0.6 J	0.6 J
Toluene	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Trichloroethylene (TCE)	ug/l		5	0.77 J	1.3	0.56 J	4.8	130	130
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	0.5 U	0.5 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	0.5 U	0.5 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS-MW-001A (05012018) 2018-05-01 R1804010-001 WG N Y	JS-MW-001A JS-MW-001A (05012018)-20180501 2018-05-01 480-135287-1 WG N Y	JS-MW-001A JS-MW-001A(05012018) 2018-05-01 018PE01 WG N N	JS-MW-001A JS-MW-001A(10102019) 2019-10-10 480-160865-2 WG N Y	JS-MW-001A JS-MW-001A(10222019)-B1 2019-10-22 480-161498-4 WG N Y	JS-MW-001A JS-MW-001A(12172019)-B1 2019-12-17 480-164415-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	0.0002 U	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	200	na
Carbonate	mg/l			na	na	na	na	5 U	na
Chloride	mg/l		250	na	na	na	na	65.8	na
Ethane	ug/l			na	7.5 U	na	7.5 U	na	na
Ethene	ug/l			na	7 U	na	7 U	na	na
Methane	ug/l			na	4 U	na	4 U	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	1.1	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	0.05 U	na	na	na	na
pH	ph units		8.5	na	na	na	6.89	6.92	8.15
Sulfate	mg/l		250	na	95.5	na	na	59.5	na
Sulfide	mg/l			na	1 U	na	na	na	na
Temperature	deg c			na	na	na	16.3	17.5	20.2
Total Organic Carbon	mg/l			na	1.3 J	na	1.3	1.8 J	54.7
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	74.1	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	0.05 U	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	13	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	0.003 U	na	na	na	na
Potassium	mg/l			na	na	na	na	4	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	54.9	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	0.2 U	na
Antimony	mg/l		0.003	na	na	na	na	0.02 U	na
Arsenic	mg/l		0.025	na	na	na	na	0.015 U	na
Barium	mg/l		1	na	na	na	na	0.1	na
Beryllium	mg/l	0.003		na	na	na	na	0.002 U	na
Cadmium	mg/l		0.005	na	na	na	na	0.002 U	na
Calcium	mg/l			na	na	na	na	75.5	na
Chromium, Total	mg/l		0.05	na	na	na	na	0.024	na
Cobalt	mg/l			na	na	na	na	0.004 U	na
Copper	mg/l		0.2	na	na	na	na	0.01 U	na
Iron	mg/l		0.3	na	0.05 U	na	na	0.05 U	na
Lead	mg/l		0.025	na	na	na	na	0.01 U	na
Magnesium	mg/l	35		na	na	na	na	12.9	na
Manganese	mg/l		0.3	na	0.003 U	na	na	0.003 U	na
Nickel	mg/l		0.1	na	na	na	na	0.01 U	na
Potassium	mg/l			na	na	na	na	4.2	na
Selenium	mg/l		0.01	na	na	na	na	0.04	na
Silver	mg/l		0.05	na	na	na	na	0.006 U	na
Sodium	mg/l		20	na	na	na	na	57.6	na
Thallium	mg/l	0.0005		na	na	na	na	0.02 U	na
Vanadium	mg/l			na	na	na	na	0.005 U	na
Zinc	mg/l	2		na	na	na	na	0.01 U	na
Other									
BVCA Reductase	Cells/mL			na	na	0.5	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	5	na	na	na
Dehalococcoides	Cells/mL			na	na	0.2	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	436	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	5	na	na	na
TCEA Reductase	Cells/mL			na	na	0.5	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	0.5	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	2 J	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS-MW-001A (05012018) 2018-05-01 R1804010-001 WG N Y	JS-MW-001A JS-MW-001A (05012018)-20180501 2018-05-01 480-135287-1 WG N Y	JS-MW-001A JS-MW-001A(05012018) 2018-05-01 018PE01 WG N N	JS-MW-001A JS-MW-001A(10102019) 2019-10-10 480-160865-2 WG N Y	JS-MW-001A JS-MW-001A(10222019)-B1 2019-10-22 480-161498-4 WG N Y	JS-MW-001A JS-MW-001A(12172019)-B1 2019-12-17 480-164415-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	na	13	na	5.4	7.5	2 U
1,1,2,2-Tetrachloroethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
1,1,2-Trichloroethane	ug/l		1	na	2 U	na	2 U	2 U	2 U
1,1-Dichloroethane	ug/l		5	na	1.5 J	na	2 U	2 U	2 U
1,1-Dichloroethene	ug/l		5	na	2 U	na	2 U	2 U	2 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	na	2 U	na	2 U	2 U	2 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	na	2 U	na	2 U	2 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	na	2 U	na	2 U	2 U	2 U
1,2-Dichlorobenzene	ug/l		3	na	2 U	na	2 U	2 U	2 U
1,2-Dichloroethane	ug/l		0.6	na	2 U	na	2 U	2 U	2 U
1,2-Dichloropropane	ug/l		1	na	2 U	na	2 U	2 U	2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	na	2 U	na	2 U	2 U	2 U
1,4-Dichlorobenzene	ug/l		3	na	2 U	na	2 U	2 U	2 U
2-Hexanone	ug/l	50		na	10 U	na	10 U	10 U	10 U
Acetone	ug/l	50		na	20 U	na	20 U	20 U	8.6 J
Benzene	ug/l		1	na	2 U	na	2 U	2 U	2 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		na	2 U	na	2 U	2 U	2 U
Bromoform	ug/l	50		na	2 U	na	2 U	2 U	2 U
Bromomethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
Carbon Disulfide	ug/l	60		na	2 U	na	2 U	2 U	2 U
Carbon Tetrachloride	ug/l		5	na	2 U	na	2 U	2 U	2 U
Chlorobenzene	ug/l		5	na	2 U	na	2 U	2 U	2 U
Chloroethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
Chloroform	ug/l		7	na	2 U	na	2 U	2 U	2 U
Chloromethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
Cis-1,2-Dichloroethylene	ug/l		5	na	8.8	na	11	8.7	2 U
Cis-1,3-Dichloropropene	ug/l		0.4	na	2 U	na	2 U	2 U	2 U
Cyclohexane	ug/l			na	2 U	na	2 U	2 U	2 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		na	2 U	na	2 U	2 U	2 UJ
Dichlorodifluoromethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
Ethylbenzene	ug/l		5	na	2 U	na	2 U	2 U	2 U
Isopropylbenzene (Cumene)	ug/l		5	na	2 U	na	2 U	2 U	2 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			na	5 U	na	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		na	20 U	na	20 U	20 U	20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			na	10 U	na	10 U	10 U	10 U
Methylcyclohexane	ug/l			na	2 U	na	2 U	2 U	2 U
Methylene Chloride	ug/l		5	na	2 U	na	2 U	2 U	2 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	na	2 U	na	2 U	2 U	2 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		na	2 U	na	2 U	2 U	2 U
Tetrachloroethylene (PCE)	ug/l		5	na	0.78 J	na	0.73 J	2 U	2 U
Toluene	ug/l		5	na	2 U	na	2 U	2 U	2 U
Trans-1,2-Dichloroethene	ug/l		5	na	2 U	na	2 U	2 U	2 U
Trans-1,3-Dichloropropene	ug/l		0.4	na	2 U	na	2 U	2 U	2 U
Trichloroethylene (TCE)	ug/l		5	na	120 J	na	130	110	2 U
Trichlorofluoromethane	ug/l		5	na	2 U	na	2 U	2 U	2 U
Vinyl Chloride	ug/l		2	na	2 U	na	2 U	2 U	2 U
Xylenes	ug/l		5	na	4 U	na	4 U	4 U	4 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001A JS MW-001A (03262020) 460-205927-8 WG N Y	JS-MW-001A JS-MW-001A(06222020)-B1 2020-06-22 460-211751-4 WG N Y	JS-MW-001A JS-MW-001A(10212020) 2020-10-21 460-221392-15 WG N Y	JS-MW-001A JS-MW-001A(12082020)-B2 2020-12-08 460-224802-3 WG N Y	JS-MW-001A JS-MW-001A (02022021) 2021-02-02 460-227614-6 WG N Y	JS-MW-001B JS-MW-001B(01042017) 2017-01-04 8776545 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	0.00005 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	5 U	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	180	na	na
Bicarbonate	mg/l			na	na	na	180	na	na
Carbonate	mg/l			na	na	na	5 U	na	na
Chloride	mg/l		250	na	na	na	86.8	na	na
Ethane	ug/l			na	na	na	na	7.5 U	na
Ethene	ug/l			na	na	na	na	7 U	na
Methane	ug/l			na	na	na	na	240	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.76	8.2	7.95	7.98	7.95	7.8
Sulfate	mg/l		250	na	na	na	31.2	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	22.8	22.5	20.2	21.5	20.4
Total Organic Carbon	mg/l			1.3 J	1	0.61 J	1.2	0.81 J	6.4
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	61800 U	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	9340 U	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	5000 U	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	68400 U	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	0.222 J
Antimony	mg/l		0.003	na	na	na	na	na	0.0077 U
Arsenic	mg/l		0.025	na	na	na	na	na	0.0097 U
Barium	mg/l		1	na	na	na	na	na	0.132
Beryllium	mg/l	0.003		na	na	na	na	na	0.00067 U
Cadmium	mg/l		0.005	na	na	na	na	na	0.00049 U
Calcium	mg/l			na	na	na	na	na	85
Chromium, Total	mg/l		0.05	na	na	na	na	na	0.0018 U
Cobalt	mg/l			na	na	na	na	na	0.0019 U
Copper	mg/l		0.2	na	na	na	na	na	0.0041 U
Iron	mg/l		0.3	na	na	na	na	na	0.162 J
Lead	mg/l		0.025	na	na	na	na	na	0.0062 U
Magnesium	mg/l	35		na	na	na	na	na	16.9
Manganese	mg/l		0.3	na	na	na	na	na	0.41
Nickel	mg/l		0.1	na	na	na	na	na	0.0028 U
Potassium	mg/l			na	na	na	na	na	4.26 J
Selenium	mg/l		0.01	na	na	na	na	na	0.0097 U
Silver	mg/l		0.05	na	na	na	na	na	0.0019 U
Sodium	mg/l		20	na	na	na	na	na	100
Thallium	mg/l	0.0005		na	na	na	na	na	0.0094 U
Vanadium	mg/l			na	na	na	na	na	0.0016 U
Zinc	mg/l	2		na	na	na	na	na	0.0054 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	1.4	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	JS-MW-001A JS MW-001A (03262020) 460-205927-8 WG N Y	JS-MW-001A JS-MW-001A(06222020)-B1 2020-06-22 460-211751-4 WG N Y	JS-MW-001A JS-MW-001A(10212020) 2020-10-21 460-221392-15 WG N Y	JS-MW-001A JS-MW-001A(12082020)-B2 2020-12-08 460-224802-3 WG N Y	JS-MW-001A JS-MW-001A (02022021) 2021-02-02 460-227614-6 WG N Y	JS-MW-001B JS-MW-001B(01042017) 2017-01-04 8776545 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na	na
Naphthalene	ug/l		10	na	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na	na
VOCs										
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	1 U	0.46 J	1 U	300	
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	2 U	
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	1 U	0.7 J	
1,1-Dichloroethane	ug/l		5	1 U	1 U	1 U	1.1	0.28 J	100	
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	33	
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	1 U	
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U	
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	1 U	
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U	2 U	
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U	0.5 U	
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U	
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U	1	
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U	0.5 U	
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	1 U	
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U	
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U	
2-Hexanone	ug/l		50	5 U	5 U	5 U	5 U	5 U	3 U	
Acetone	ug/l		50	5 U	5 U	5 U	5 U	5 U	6 U	
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U	0.5 U	
Bromochloromethane	ug/l		5	na	na	na	na	na	1 U	
Bromodichloromethane	ug/l		50	1 U	1 U	1 U	1 U	1 U	0.5 U	
Bromoform	ug/l		50	1 U	1 U	1 U	1 U	1 U	0.5 U	
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Carbon Disulfide	ug/l		60	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U	2	
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Cis-1,2-Dichloroethylene	ug/l		5	0.32 J	1 U	1 U	1.3	0.31 J	18	
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	0.5 U	
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	2 U	
Cymene	ug/l		5	na	na	na	na	na	1 U	
Dibromochloromethane	ug/l		50	1 U	1 U	1 U	1 U	1 U	0.5 U	
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U	
m,p-Xylene	ug/l		5	na	na	na	na	na	0.5 U	
Methyl Acetate	ug/l			5 U	5 U	5 U	5 U	5 U	1 U	
Methyl Ethyl Ketone (2-Butanone)	ug/l		50	5 U	5 U	5 U	5 U	5 U	3 U	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U	3 U	
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U	
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	2 U	
N-Butylbenzene	ug/l		5	na	na	na	na	na	1 U	
N-Propylbenzene	ug/l		50	na	na	na	na	na	1 U	
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	0.5 U	
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	1 U	
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U	
T-Butylbenzene	ug/l		5	na	na	na	na	na	1 U	
Tert-Butyl Methyl Ether	ug/l		10	1 U	1 U	1 U	1 U	1 U	0.5 U	
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1	
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 U	
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	0.56 J	1 U	2	
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	0.5 U	
Trichloroethylene (TCE)	ug/l		5	0.33 J	1 U	1 U	0.36 J	1 U	1100	
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	0.5 UJ	
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	1 U	2	
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U	0.5 U	

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001B JS-MW-001B(10102019) 2019-10-10 480-160865-3 WG N Y	JS-MW-001B JS-MW-001B(10222019)-B1 2019-10-22 480-161498-5 WG N Y	JS-MW-001B JS-MW-001B(12172019)-B1 2019-12-17 480-164415-3 WG N Y	JS-MW-001B JS-MW-001B(06222020)-B1 2020-06-22 460-211751-3 WG N Y	JS-MW-001B JS-MW-001B(12102020)-B5 2020-12-10 460-224806-14 WG N Y	JS-MW-001B JS-MW-001B (02022021) 2021-02-02 460-227614-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.0002 U	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	5 U	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	239	na
Bicarbonate	mg/l			na	215	na	na	239	na
Carbonate	mg/l			na	5 U	na	na	5 U	na
Chloride	mg/l		250	na	134	na	na	213	na
Ethane	ug/l			7.5 U	na	na	na	na	7.5 U
Ethene	ug/l			7 U	na	na	na	na	7 U
Methane	ug/l			4 U	na	na	na	na	45
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.47	7.45	8.05	7.9	7.97	8.04
Sulfate	mg/l		250	na	56.7	na	na	33	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			15.6	18.5	20.6	22.8	19.6	21.5
Total Organic Carbon	mg/l			1.1	1.1 J	1.4 J	0.89 J	0.92 J	0.87 J
Metals, Dissolved									
Calcium	mg/l			na	85.1	na	na	na	na
Calcium	ug/l			na	na	na	na	85500	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	16.2	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	15800	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	2.9	na	na	na	na
Potassium	ug/l			na	na	na	na	3340 J	na
Sodium	mg/l		20	na	80.5	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	111000	na
Metals, Total									
Aluminum	mg/l			na	0.2 U	na	na	na	na
Antimony	mg/l		0.003	na	0.02 U	na	na	na	na
Arsenic	mg/l		0.025	na	0.015 U	na	na	na	na
Barium	mg/l		1	na	0.11	na	na	na	na
Beryllium	mg/l	0.003		na	0.002 U	na	na	na	na
Cadmium	mg/l		0.005	na	0.002 U	na	na	na	na
Calcium	mg/l			na	86.9	na	na	na	na
Chromium, Total	mg/l		0.05	na	0.004 U	na	na	na	na
Cobalt	mg/l			na	0.004 U	na	na	na	na
Copper	mg/l		0.2	na	0.01 U	na	na	na	na
Iron	mg/l		0.3	na	0.14 U	na	na	na	na
Lead	mg/l		0.025	na	0.01 U	na	na	na	na
Magnesium	mg/l	35		na	16.1	na	na	na	na
Manganese	mg/l		0.3	na	0.5	na	na	na	na
Nickel	mg/l		0.1	na	0.01 U	na	na	na	na
Potassium	mg/l			na	3	na	na	na	na
Selenium	mg/l		0.01	na	0.025 U	na	na	na	na
Silver	mg/l		0.05	na	0.006 U	na	na	na	na
Sodium	mg/l		20	na	82.8	na	na	na	na
Thallium	mg/l	0.0005		na	0.02 U	na	na	na	na
Vanadium	mg/l			na	0.005 U	na	na	na	na
Zinc	mg/l	2		na	0.01 U	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	7.8 J	na	na	5.2	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001B JS-MW-001B(10102019) 2019-10-10 480-160865-3 WG N Y	JS-MW-001B JS-MW-001B(10222019)-B1 2019-10-22 480-161498-5 WG N Y	JS-MW-001B JS-MW-001B(12172019)-B1 2019-12-17 480-164415-3 WG N Y	JS-MW-001B JS-MW-001B(06222020)-B1 2020-06-22 460-211751-3 WG N Y	JS-MW-001B JS-MW-001B(12102020)-B5 2020-12-10 460-224806-14 WG N Y	JS-MW-001B JS-MW-001B (02022021) 2021-02-02 460-227614-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	100	170	150	1200	500	300
1,1,2,2-Tetrachloroethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
1,1,2-Trichloroethane	ug/l		1	25 U	20 U	40 U	5 U	2 J	5 U
1,1-Dichloroethane	ug/l		5	53	89	87	56	87	62
1,1-Dichloroethene	ug/l		5	19 J	30	29 J	16	25	15
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	25 U	20 U	40 U	5 U	5 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	25 U	20 U	40 U	5 U	5 U	5 U
1,2-Dichlorobenzene	ug/l		3	25 U	20 U	40 U	5 U	5 U	5 U
1,2-Dichloroethane	ug/l		0.6	25 U	20 U	40 U	5 U	5 U	5 U
1,2-Dichloropropane	ug/l		1	25 U	20 U	40 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	25 U	20 U	40 U	5 U	5 U	5 U
1,4-Dichlorobenzene	ug/l		3	25 U	20 U	40 U	5 U	5 U	5 U
2-Hexanone	ug/l	50		130 U	100 U	200 U	25 U	25 U	25 U
Acetone	ug/l	50		250 U	200 U	400 U	25 U	25 U	25 U
Benzene	ug/l		1	25 U	20 U	40 U	5 U	5 U	5 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		25 U	20 U	40 U	5 U	5 U	5 U
Bromoform	ug/l	50		25 U	20 U	40 U	5 U	5 U	5 U
Bromomethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Carbon Disulfide	ug/l	60		25 U	20 U	40 U	5 U	5 U	5 U
Carbon Tetrachloride	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Chlorobenzene	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Chloroethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Chloroform	ug/l		7	25 U	20 U	40 U	5 U	5 U	5 U
Chloromethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Cis-1,2-Dichloroethylene	ug/l		5	25 U	25	40 U	13	19	15
Cis-1,3-Dichloropropene	ug/l		0.4	25 U	20 U	40 U	5 U	5 U	5 U
Cyclohexane	ug/l			25 U	20 U	40 U	5 U	5 U	5 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		25 U	20 U	40 U	5 U	5 U	5 U
Dichlorodifluoromethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Ethylbenzene	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Isopropylbenzene (Cumene)	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			63 U	50 U	100 U	25 U	25 U	25 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		250 U	200 U	400 U	25 U	25 U	25 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			130 U	100 U	200 U	25 U	25 U	25 U
Methylcyclohexane	ug/l			25 U	20 U	40 U	5 U	5 U	5 U
Methylene Chloride	ug/l		5	25 U	20 U	40 U	5 U	1.7 J	5 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		25 U	20 U	40 U	5 U	5 U	5 U
Tetrachloroethylene (PCE)	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Toluene	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Trans-1,2-Dichloroethene	ug/l		5	25 U	20 U	40 U	2.5 J	3.3 J	2.1 J
Trans-1,3-Dichloropropene	ug/l		0.4	25 U	20 U	40 U	5 U	5 U	5 U
Trichloroethylene (TCE)	ug/l		5	960	1500	1400	860	990	820
Trichlorofluoromethane	ug/l		5	25 U	20 U	40 U	5 U	5 U	5 U
Vinyl Chloride	ug/l		2	25 U	20 U	40 U	5 U	1.6 J	5 U
Xylenes	ug/l		5	50 U	40 U	80 U	10 U	10 U	10 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001BR JS-MW-001BR(10242019)-B1 2019-10-24 480-161634-15 WG N Y	JS-MW-001BR JS-DUP-01(12092020) 2020-12-09 460-224751-8 WG FD Y	JS-MW-001BR JS-MW-001BR(12092020)-B4 2020-12-09 460-224751-10 WG N Y	JS-MW-001C JS-MW-001C(01102017) 2017-01-10 8781867 WG N Y	JS-MW-001C JS-MW-001C(10222019)-B1 2019-10-22 480-161498-6 WG N Y	JS-MW-001C JS-MW-001C(12092020)-B3 2020-12-09 460-224751-7 WG N Y	
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	0.0002 U	na	na	0.00005 U	0.0002 U	na	
Mercury	ug/l		0.7	na	na	na	na	na	na	
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	5 U	5 U	na	na	5 U	
Alkalinity, Total (As CaCO3)	mg/l			na	21.5	21.2	na	na	238	
Bicarbonate	mg/l			24.6 J	10.7	11.2	na	196	238	
Carbonate	mg/l			10.5 J	10.8	10	na	5 U	5 U	
Chloride	mg/l	250	13.9	31.4	31.4		na	251	248	
Ethane	ug/l			na	na	na	na	na	na	
Ethene	ug/l			na	na	na	na	na	na	
Methane	ug/l			na	na	na	na	na	na	
Nitrogen, Nitrate (As N)	mg/l	10	na	na	na	na	na	na	na	
Nitrogen, Nitrite	mg/l	0.02	na	na	na	na	na	na	na	
pH	ph units	8.5	8.68	9.34	9.41	7.7	7.39	7.98		
Sulfate	mg/l	250	40.9	27	27	na	67.9	56.4		
Sulfide	mg/l			na	na	na	na	na	na	
Temperature	deg c			18.5	19.5	19.7	21.4	18.7	19.6	
Total Organic Carbon	mg/l			1.4	0.94 J	0.94 J	0.95 J	0.56 J	0.67 J	
Metals, Dissolved										
Calcium	mg/l			12.7	na	na	na	113	na	
Calcium	ug/l			na	15600	15000	na	na	121000	
Iron	mg/l	0.3	na	na	na	na	na	na	na	
Magnesium	mg/l	35	3.3	na	na	na	na	26.2	na	
Magnesium	ug/l	35000	na	1910 J	1840 J	na	na	na	25900	
Manganese	mg/l	0.3	na	na	na	na	na	na	na	
Potassium	mg/l		7.2	na	na	na	na	2.5	na	
Potassium	ug/l		na	8360	8020	na	na	na	1930 J	
Sodium	mg/l	20	18.2	na	na	na	111	na	na	
Sodium	ug/l	20000	na	17500	16800	na	na	na	117000	
Metals, Total										
Aluminum	mg/l			0.12 J	na	na	0.0868 U	0.2 U	na	
Antimony	mg/l	0.003	0.003	0.02 U	na	na	0.0077 U	0.02 U	na	
Arsenic	mg/l		0.025	0.015 U	na	na	0.0097 U	0.015 U	na	
Barium	mg/l		1	0.014	na	na	0.0728	0.48	na	
Beryllium	mg/l	0.003		0.002 U	na	na	0.00067 U	0.002 U	na	
Cadmium	mg/l	0.005		0.002 U	na	na	0.00049 U	0.002 U	na	
Calcium	mg/l			13.7	na	na	122	126	na	
Chromium, Total	mg/l	0.05	0.004 U	na	na	na	0.0018 U	0.004 U	na	
Cobalt	mg/l			0.004 U	na	na	0.0019 U	0.004 U	na	
Copper	mg/l	0.2	0.01 U	na	na	na	0.0041 U	0.01 U	na	
Iron	mg/l	0.3	0.74	na	na	na	0.165 J	0.2 U	na	
Lead	mg/l	0.025	0.01 U	na	na	na	0.0062 U	0.0038 J	na	
Magnesium	mg/l	35	3.7	na	na	na	28.1 J	25.9	na	
Manganese	mg/l	0.3	0.018	na	na	na	0.847	0.79	na	
Nickel	mg/l	0.1	0.01 U	na	na	na	0.0028 U	0.01 U	na	
Potassium	mg/l		7.6	na	na	na	1.92	2.6	na	
Selenium	mg/l	0.01	0.025 U	na	na	na	0.0097 U	0.025 U	na	
Silver	mg/l	0.05	0.006 U	na	na	na	0.0019 U	0.006 U	na	
Sodium	mg/l	20	19	na	na	na	118 J	112	na	
Thallium	mg/l	0.0005		0.02 U	na	na	0.0094 U	0.02 U	na	
Vanadium	mg/l			0.005 U	na	na	0.0016 U	0.005 U	na	
Zinc	mg/l	2		0.01 U	na	na	0.0054 U	0.01 U	na	
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	
Cyanide	mg/l	0.2	na	na	na	na	na	na	na	
Dehalobacter spp.	Cells/mL		na	na	na	na	na	na	na	
Dehalococcoides	Cells/mL		na	na	na	na	na	na	na	
Methane Oxidizing Bacteria	Cells/mL		na	na	na	na	na	na	na	
Soluble Methane Monooxygenase	Cells/mL		na	na	na	na	na	na	na	
TCEA Reductase	Cells/mL		na	na	na	na	na	na	na	
Vinyl Chloride Reductase	Cells/mL		na	na	na	na	na	na	na	
PCBs										
PCB-1016 (Aroclor 1016)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1221 (Aroclor 1221)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1232 (Aroclor 1232)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1242 (Aroclor 1242)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1248 (Aroclor 1248)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1254 (Aroclor 1254)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1260 (Aroclor 1260)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1262 (Aroclor 1262)	ug/l	0.09	na	na	na	na	na	na	na	
PCB-1268 (Aroclor 1268)	ug/l	0.09	na	na	na	na	na	na	na	
Pesticides										
Aldrin	ug/l		na	na	na	na	na	na	na	
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l	0.01	na	na	na	na	na	na	na	
Alpha Endosulfan	ug/l		na	na	na	na	na	na	na	
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l	0.04	na	na	na	na	na	na	na	
Beta Endosulfan	ug/l		na	na	na	na	na	na	na	
cis-Chlordane	ug/l		na	na	na	na	na	na	na	
Delta BHC (Delta Hexachlorocyclohexane)	ug/l	0.04	na	na	na	na	na	na	na	
Dieldrin	ug/l	0.004	na	na	na	na	na	na	na	
Endosulfan Sulfate	ug/l		na	na	na	na	na	na	na	
Endrin	ug/l	0	na	na	na	na	na	na	na	
Endrin Aldehyde	ug/l	5	na	na	na	na	na	na	na	
Endrin Ketone	ug/l	5	na	na	na	na	na	na	na	
Gamma Bhc (Lindane)	ug/l	0.05	na	na	na	na	na	na	na	
Heptachlor	ug/l	0.04	na	na	na	na	na	na	na	
Heptachlor Epoxide	ug/l	0.03	na	na	na	na	na	na	na	
Methoxychlor	ug/l	35	na	na	na	na	na	na	na	
P,P'-DDD	ug/l	0.3	na	na	na	na	na	na	na	
P,P'-DDE	ug/l	0.2	na	na	na	na	na	na	na	
P,P'-DDT	ug/l	0.2	na	na	na	na	na	na	na	
Toxaphene	ug/l	0.06	na	na	na	na	na	na	na	
trans-Chlordane	ug/l		na	na	na	na	na	na	na	
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l	5	na	na	na	na	na	na	na	
1,4-Dioxane (P-Dioxane)	ug/l	1	0.11 J	0.2 U	0.2 U	na	na	3.8	1.7	
2,3,4,6-Tetrachlorophenol	ug/l		na	na	na	na	na	na	na	
2,4,5-Trichlorophenol	ug/l		na	na	na	na	na	na	na	
2,4,6-Trichlorophenol	ug/l		na	na	na	na	na	na	na	
2,4-Dichlorophenol	ug/l	1	na	na	na	na	na	na	na	
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na	
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na	
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	
2-Chloronaphthalene	ug/l	10	na	na	na	na	na	na	na	
2-Chlorophenol	ug/l		na	na	na	na	na	na	na	
2-Methylnaphthalene	ug/l		na	na	na	na	na	na	na	
2-Methylphenol (O-Cresol)	ug/l		na	na	na	na	na	na	na	
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	
2-Nitrophenol	ug/l		na	na	na	na	na	na	na	
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	
4,6-Dinitro-2-Methylphenol	ug/l		na	na	na	na	na	na	na	
4-Bromophenyl Phenyl Ether	ug/l		na	na	na	na	na	na	na	
4-Chloro-3-Methylphenol	ug/l		na	na	na	na	na	na	na	
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	
4-Chlorophenyl Phenyl Ether	ug/l		na	na	na	na	na	na	na	
4-Methylphenol (P-Cresol)	ug/l		na	na	na	na	na	na	na	
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	
4-Nitrophenol	ug/l		na	na	na	na	na	na	na	
Acenaphthene										

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001BR JS-MW-001BR(10242019)-B1 2019-10-24 480-161634-15 WG N Y	JS-MW-001BR JS-DUP-01(12092020) 2020-12-09 460-224751-8 WG FD Y	JS-MW-001BR JS-MW-001BR(12092020)-B4 2020-12-09 460-224751-10 WG N Y	JS-MW-001C JS-MW-001C(01102017) 2017-01-10 8781867 WG N Y	JS-MW-001C JS-MW-001C(10222019)-B1 2019-10-22 480-161498-6 WG N Y	JS-MW-001C JS-MW-001C(12092020)-B3 2020-12-09 460-224751-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na
Naphthalene	ug/l		10	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	0.84 J	0.87 J	2	20 U	1.8 J
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	2 U	20 U	2 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	0.5 J	20 U	0.69 J
1,1-Dichloroethane	ug/l		5	1.3	0.88 J	0.95 J	290	290	260
1,1-Dichloroethene	ug/l		5	1 UJ	1 U	1 U	53	42	39
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	1 U	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	20 U	2 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	2 U	20 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	0.5 U	20 U	2 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	2 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	0.5 U	20 U	2 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	0.5 U	20 U	2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	1 U	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	2 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	2 U
2-Hexanone	ug/l		50	5 U	5 U	5 U	3 U	100 U	10 U
Acetone	ug/l		50	3.5 J	7.4	5 U	6 U	200 U	10 U
Benzene	ug/l		1	1 U	1 U	1 U	0.5 U	20 U	2 U
Bromochloromethane	ug/l		5	na	na	na	1 U	na	na
Bromodichloromethane	ug/l		50	1 U	1 U	1 U	0.5 U	20 U	2 U
Bromoform	ug/l		50	1 U	1 U	1 U	0.5 U	20 U	2 U
Bromomethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Carbon Disulfide	ug/l		60	1 U	1 U	1 U	1 U	20 U	2 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Chloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 UJ	2 U
Chloroform	ug/l		7	1 U	1 U	1 U	0.5 U	20 U	2 U
Chloromethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 UJ	2 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	3	20 U	3.8
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	20 U	2 U
Cyclohexane	ug/l			1 U	1 U	1 U	2 U	20 U	2 U
Cymene	ug/l		5	na	na	na	1 U	na	na
Dibromochloromethane	ug/l		50	1 U	1 U	1 U	0.5 U	20 U	2 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	20 U	2 U
m,p-Xylene	ug/l		5	na	na	na	0.5 U	na	na
Methyl Acetate	ug/l			2.5 U	5 U	5 U	1 U	50 U	10 U
Methyl Ethyl Ketone (2-Butanone)	ug/l		50	10 U	5 U	5 U	3 U	200 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	3 U	100 U	10 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	20 U	2 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	2 U	20 U	2 U
N-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
N-Propylbenzene	ug/l		50	na	na	na	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	0.5 U	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	20 U	2 U
T-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
Tert-Butyl Methyl Ether	ug/l		10	1 U	1 U	1 U	0.5 U	20 U	2 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Toluene	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	20 U	2 U
Trichloroethylene (TCE)	ug/l		5	0.54 J	0.48 J	0.54 J	580	740 J	580
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	20 U	2 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	3	20 U	2.9
Xylenes	ug/l		5	2 U	2 U	2 U	0.5 U	40 U	4 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001D JS-MW-001D(10222019)-B1 2019-10-22 480-161398-2 WG N Y	JS-MW-001D JS-MW-001D(12092020)-B5 2020-12-09 460-224751-15 WG N Y	JS-MW-002A JS-MW-002A(01042017) 2017-01-04 8776546 WG N Y	JS-MW-002A JS-MW-002A (05022018) 2018-05-02 R1804010-002 WG N Y	JS-MW-002A JS-MW-002A (05022018)-20180502 2018-05-02 480-135287-2 WG N Y	JS-MW-002A JS-MW-002A(05022018) 2018-05-02 018PE02 WG N N
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.0002 U	na	0.00005 U	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	5 U	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	206	na	na	na	na
Bicarbonate	mg/l			216 J	206	na	na	na	na
Carbonate	mg/l			5 UJ	5 U	na	na	na	na
Chloride	mg/l		250	219	195	na	na	na	na
Ethane	ug/l			na	na	na	na	7.5 U	na
Ethene	ug/l			na	na	na	na	7 U	na
Methane	ug/l			na	na	na	na	2 J	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	0.2	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	0.05 U	na
pH	ph units		8.5	7.44	8.06	7.3	na	na	na
Sulfate	mg/l		250	60.6	46.4	na	na	218	na
Sulfide	mg/l			na	na	na	na	1 U	na
Temperature	deg c			16.4	19.7	22.4	na	na	na
Total Organic Carbon	mg/l			1 U	0.96 J	2.3	na	2.7 J	na
Metals, Dissolved									
Calcium	mg/l			89.7	na	na	na	na	na
Calcium	ug/l			na	98900	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	0.05 U	na
Magnesium	mg/l		35	20.5	na	na	na	na	na
Magnesium	ug/l		35000	na	20500	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	1	na
Potassium	mg/l			2 U	na	na	na	na	na
Potassium	ug/l			na	3100 J	na	na	na	na
Sodium	mg/l		20	112	na	na	na	na	na
Sodium	ug/l		20000	na	92800	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.85	na	0.423	na	na	na
Antimony	mg/l		0.003	0.02 U	na	0.0077 U	na	na	na
Arsenic	mg/l		0.025	0.015 U	na	0.0097 U	na	na	na
Barium	mg/l		1	0.078	na	0.0895	na	na	na
Beryllium	mg/l		0.003	0.002 U	na	0.00067 U	na	na	na
Cadmium	mg/l		0.005	0.002 U	na	0.0007 J	na	na	na
Calcium	mg/l			93.3	na	55	na	na	na
Chromium, Total	mg/l		0.05	0.004 U	na	0.0183 J	na	na	na
Cobalt	mg/l			0.004 U	na	0.0019 U	na	na	na
Copper	mg/l		0.2	0.01 U	na	0.0049 J	na	na	na
Iron	mg/l		0.3	0.7	na	3.43	na	4.2	na
Lead	mg/l		0.025	0.01 U	na	0.0062 U	na	na	na
Magnesium	mg/l		35	21.1	na	8.51	na	na	na
Manganese	mg/l		0.3	0.68	na	0.392	na	1	na
Nickel	mg/l		0.1	0.01 U	na	0.0028 U	na	na	na
Potassium	mg/l			2.1	na	2.67 J	na	na	na
Selenium	mg/l		0.01	0.025 U	na	0.0097 U	na	na	na
Silver	mg/l		0.05	0.006 U	na	0.0019 U	na	na	na
Sodium	mg/l		20	114	na	31.2	na	na	na
Thallium	mg/l		0.0005	0.02 U	na	0.0094 U	na	na	na
Vanadium	mg/l			0.005 U	na	0.0016 U	na	na	na
Zinc	mg/l		2	0.01 U	na	0.0263 J	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	0.4
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	1100
Dehalococcoides	Cells/mL			na	na	na	na	na	31.4
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	567000
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	97.3
TCEA Reductase	Cells/mL			na	na	na	na	na	9.1
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	6.3
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	2.4	0.38	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l			1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l			5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l			5	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l			5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l			5	na	na	na	na	na
3-Nitroaniline	ug/l			5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l			5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l			5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l		50	na	na	na	na	na	na
Atrazine	ug/l			7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l			0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-001D JS-MW-001D(10222019)-B1 2019-10-22 480-161398-2 WG N Y	JS-MW-001D JS-MW-001D(12092020)-B5 2020-12-09 460-224751-15 WG N Y	JS-MW-002A JS-MW-002A(01042017) 2017-01-04 8776546 WG N Y	JS-MW-002A JS-MW-002A (05022018) 2018-05-02 R1804010-002 WG N Y	JS-MW-002A JS-MW-002A (05022018)-20180502 2018-05-02 480-135287-2 WG N Y	JS-MW-002A JS-MW-002A(05022018) 2018-05-02 018PE02 WG N N
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	16 J	10	1	na	2 U	na
1,1,2,2-Tetrachloroethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	20 U	2 U	2 U	na	2 U	na
1,1,2-Trichloroethane	ug/l		1	20 U	0.87 J	0.5 U	na	2 U	na
1,1-Dichloroethane	ug/l		5	250	170	0.6 J	na	2 U	na
1,1-Dichloroethene	ug/l		5	44	24	0.5 U	na	2 U	na
1,2,3-Trichlorobenzene	ug/l		5	na	na	1 U	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	20 U	2 U	1 U	na	2 U	na
1,2,4-Trimethylbenzene	ug/l		5	na	na	1 U	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	20 U	2 U	2 U	na	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	20 U	2 U	0.5 U	na	2 U	na
1,2-Dichlorobenzene	ug/l		3	20 U	2 U	1 U	na	2 U	na
1,2-Dichloroethane	ug/l		0.6	20 U	2 U	0.5 U	na	2 U	na
1,2-Dichloropropane	ug/l		1	20 U	2 U	0.5 U	na	2 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	1 U	na	na	na
1,3-Dichlorobenzene	ug/l		3	20 U	2 U	1 U	na	2 U	na
1,4-Dichlorobenzene	ug/l		3	20 U	2 U	1 U	na	2 U	na
2-Hexanone	ug/l	50		100 U	10 U	3 U	na	10 U	na
Acetone	ug/l	50		200 U	10 U	6 U	na	20 U	na
Benzene	ug/l		1	20 U	2 U	0.5 U	na	2 U	na
Bromochloromethane	ug/l		5	na	na	1 U	na	na	na
Bromodichloromethane	ug/l	50		20 U	2 U	0.5 U	na	2 U	na
Bromoform	ug/l	50		20 U	2 U	0.5 U	na	2 U	na
Bromomethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Carbon Disulfide	ug/l	60		20 U	2 U	1 U	na	2 U	na
Carbon Tetrachloride	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Chlorobenzene	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Chloroethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Chloroform	ug/l		7	20 U	2 U	0.5 U	na	2 U	na
Chloromethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Cis-1,2-Dichloroethylene	ug/l		5	20 U	4.5	4	na	2.1	na
Cis-1,3-Dichloropropene	ug/l		0.4	20 U	2 U	0.5 U	na	2 U	na
Cyclohexane	ug/l			20 U	2.5	2 U	na	2 U	na
Cymene	ug/l		5	na	na	1 U	na	na	na
Dibromochloromethane	ug/l	50		20 U	2 U	0.5 U	na	2 U	na
Dichlorodifluoromethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Ethylbenzene	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Isopropylbenzene (Cumene)	ug/l		5	20 U	2 U	1 U	na	2 U	na
m,p-Xylene	ug/l		5	na	na	0.5 U	na	na	na
Methyl Acetate	ug/l			50 U	10 U	1 U	na	5 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		200 U	10 U	3 U	na	20 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			100 U	10 U	3 U	na	10 U	na
Methylcyclohexane	ug/l			20 U	2 U	1 U	na	2 U	na
Methylene Chloride	ug/l		5	20 U	2 U	2 U	na	2.5 U	na
N-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
N-Propylbenzene	ug/l		50	na	na	1 U	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	0.5 U	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
Styrene	ug/l		5	20 U	2 U	1 U	na	2 U	na
T-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		20 U	2 U	0.5 U	na	2 U	na
Tetrachloroethylene (PCE)	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Toluene	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Trans-1,2-Dichloroethene	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Trans-1,3-Dichloropropene	ug/l		0.4	20 U	2 U	0.5 U	na	2 U	na
Trichloroethylene (TCE)	ug/l		5	1400	690	21	na	12	na
Trichlorofluoromethane	ug/l		5	20 U	2 U	0.5 U	na	2 U	na
Vinyl Chloride	ug/l		2	20 U	2	0.9 J	na	2 U	na
Xylenes	ug/l		5	40 U	4 U	0.5 U	na	4 U	na

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A(10092019) 2019-10-09 480-160747-4 WG N Y	JS-MW-002A JS-MW-002A(10232019)-B2 2019-10-23 480-161498-13 WG N Y	JS-MW-002A JS-MW-002A(12172019)-B2 2019-12-17 480-164415-1 WG N Y	JS-MW-002A JS-MW-002A (03252020) 2020-03-25 460-205927-4 WG N Y	JS-MW-002A JS-MW-002A(06242020)-B2 2020-06-24 460-211844-9 WG N Y	JS-MW-002A JS-MW-002A(10212020) 2020-10-21 460-221392-16 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.0002 U	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	5 U	na	na	na	na
Chloride	mg/l		250	na	60	na	na	na	na
Ethane	ug/l			7.5 U	na	na	na	na	na
Ethene	ug/l			7 U	na	na	na	na	na
Methane	ug/l			92	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	6.66	6.61	8.17	7.39	7.76	7.6
Sulfate	mg/l		250	na	76.2	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			19.6	19.3	20	na	23	22.3
Total Organic Carbon	mg/l			2.4	2.3	4.5	1.3 J	1.5	1.2
Metals, Dissolved									
Calcium	mg/l			na	82.2	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	12.4	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	3.5	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	40.4	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	0.14 J	na	na	na	na
Antimony	mg/l		0.003	na	0.02 U	na	na	na	na
Arsenic	mg/l		0.025	na	0.015 U	na	na	na	na
Barium	mg/l		1	na	0.17	na	na	na	na
Beryllium	mg/l	0.003		na	0.002 U	na	na	na	na
Cadmium	mg/l		0.005	na	0.002 U	na	na	na	na
Calcium	mg/l			na	85	na	na	na	na
Chromium, Total	mg/l		0.05	na	0.0026 J	na	na	na	na
Cobalt	mg/l			na	0.004 U	na	na	na	na
Copper	mg/l		0.2	na	0.0022 J	na	na	na	na
Iron	mg/l		0.3	na	5.1	na	na	na	na
Lead	mg/l		0.025	na	0.01 U	na	na	na	na
Magnesium	mg/l	35		na	12.6	na	na	na	na
Manganese	mg/l		0.3	na	0.54	na	na	na	na
Nickel	mg/l		0.1	na	0.01 U	na	na	na	na
Potassium	mg/l			na	3.7	na	na	na	na
Selenium	mg/l		0.01	na	0.025 U	na	na	na	na
Silver	mg/l		0.05	na	0.006 U	na	na	na	na
Sodium	mg/l		20	na	41.4	na	na	na	na
Thallium	mg/l	0.0005		na	0.02 U	na	na	na	na
Vanadium	mg/l			na	0.005 U	na	na	na	na
Zinc	mg/l	2		na	0.012 U	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.86	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

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Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	2.3	1 U	2 U	1.1	110	56
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	2 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	0.96 J	0.85 J	2 U	0.49 J	93	79
1,1-Dichloroethene	ug/l		5	1 U	1 U	2 U	1 U	1 U	0.36 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	2 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	2 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	2 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	10 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	10 U	20 U	5 U	5 U	5 U
Benzene	ug/l		1	1 U	1 U	2 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	2 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	2 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	2 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	2 U	1 U	1 UJ	1 U
Chlorobenzene	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	2 U	1 U	1.8	12
Chloroform	ug/l		7	1 U	1 U	2 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	3.9	3.4	2.2	2.2	5.1	4
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	2 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	2 UJ	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	2.5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	20 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	10 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	2 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	2 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	2 U	0.37 J	1 U	0.68 J
Toluene	ug/l		5	1 U	1 U	2 U	1 U	1 U	0.73 J
Trans-1,2-Dichloroethene	ug/l		5	1.6	1 U	2 U	0.47 J	3.5	0.82 J
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	28	23	8.4	17	9.7	35
Trichlorofluoromethane	ug/l		5	1 U	1 U	2 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1.3	1.5	2 U	0.24 J	1.4	0.48 J
Xylenes	ug/l		5	2 U	2 U	4 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A (02032021) 2021-02-03 460-227796-1 WG N Y	JS-MW-003A JS-MW-003A(01102017) 2017-01-10 8781868 WG N Y	JS-MW-003A JS-MW-003A (05022018) 2018-05-02 R1804010-003 WG N Y	JS-MW-003A JS-MW-003A (05022018)-20180502 2018-05-02 480-135287-3 WG N Y	JS-MW-003A JS-MW-003A(05022018) 2018-05-02 018PE03 WG N N	JS-MW-003A DUP(10092019) 2019-10-09 480-160747-6 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.00005 U	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	na	na	7.5 U	na	7.5 U
Ethene	ug/l			na	na	na	7 U	na	7 U
Methane	ug/l			na	na	na	4 U	na	4 U
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	0.88	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	0.05 U	na	na
pH	ph units		8.5	7.44	7.8	na	na	na	7.12
Sulfate	mg/l		250	na	na	na	5 U	na	na
Sulfide	mg/l			na	na	na	1 U	na	na
Temperature	deg c			21.4	21.7	na	na	na	19.5
Total Organic Carbon	mg/l			1.7	1.4	na	1.2 J	na	1.1 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	0.05 U	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	0.003 U	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	0.313 J	na	na	na	na
Antimony	mg/l		0.003	na	0.0077 U	na	na	na	na
Arsenic	mg/l		0.025	na	0.0097 U	na	na	na	na
Barium	mg/l		1	na	0.0204	na	na	na	na
Beryllium	mg/l	0.003		na	0.0067 U	na	na	na	na
Cadmium	mg/l		0.005	na	0.00049 U	na	na	na	na
Calcium	mg/l			na	24.6	na	na	na	na
Chromium, Total	mg/l		0.05	na	0.0019 J	na	na	na	na
Cobalt	mg/l			na	0.0019 U	na	na	na	na
Copper	mg/l		0.2	na	0.0236 U	na	na	na	na
Iron	mg/l		0.3	na	0.0747 U	na	0.058	na	na
Lead	mg/l		0.025	na	0.0062 U	na	na	na	na
Magnesium	mg/l	35		na	4.59 J	na	na	na	na
Manganese	mg/l		0.3	na	0.0029 J	na	0.003 U	na	na
Nickel	mg/l		0.1	na	0.0028 U	na	na	na	na
Potassium	mg/l			na	1.76	na	na	na	na
Selenium	mg/l		0.01	na	0.0097 U	na	na	na	na
Silver	mg/l		0.05	na	0.0019 U	na	na	na	na
Sodium	mg/l		20	na	29.4 J	na	na	na	na
Thallium	mg/l	0.0005		na	0.0094 U	na	na	na	na
Vanadium	mg/l			na	0.0016 U	na	na	na	na
Zinc	mg/l	2		na	0.0149 J	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	0.5	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	5	na
Dehalococcoides	Cells/mL			na	na	na	na	0.5	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	274	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	5	na
TCEA Reductase	Cells/mL			na	na	na	na	0.5	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	0.5	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-002A JS-MW-002A (02032021) 2021-02-03 460-227796-1 WG N Y	JS-MW-003A JS-MW-003A(01102017) 2017-01-10 8781868 WG N Y	JS-MW-003A JS-MW-003A (05022018) 2018-05-02 R1804010-003 WG N Y	JS-MW-003A JS-MW-003A (05022018)-20180502 2018-05-02 480-135287-3 WG N Y	JS-MW-003A JS-MW-003A(05022018) 2018-05-02 018PE03 WG N N	JS-MW-003A DUP(10092019) 2019-10-09 480-160747-6 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	63	0.5 U	na	1 U	na	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	na	1 U	na	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	na	1 U	na	1 U
1,1-Dichloroethane	ug/l		5	83	0.5 U	na	1 U	na	1 U
1,1-Dichloroethene	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	na	1 U	na	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	na	1 U	na	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	na	1 U	na	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	na	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	na	1 U	na	1 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	na	1 U	na	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	na	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	na	1 U
2-Hexanone	ug/l	50		5 U	3 U	na	5 U	na	5 U
Acetone	ug/l	50		5 U	6 U	na	7.2 J	na	10 U
Benzene	ug/l		1	1 U	0.5 U	na	1 U	na	1 U
Bromochloromethane	ug/l		5	na	1 U	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	0.5 U	na	1 U	na	1 U
Bromoform	ug/l	50		1 U	0.5 U	na	1 U	na	1 U
Bromomethane	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	na	1 U	na	1 U
Carbon Tetrachloride	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Chlorobenzene	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Chloroethane	ug/l		5	10	0.5 U	na	1 U	na	1 U
Chloroform	ug/l		7	1 U	0.5 U	na	1 U	na	1 U
Chloromethane	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Cis-1,2-Dichloroethylene	ug/l		5	2.1	0.5 U	na	1 U	na	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	na	1 U	na	1 U
Cyclohexane	ug/l			1 U	2 U	na	1 U	na	1 U
Cymene	ug/l		5	na	1 U	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	na	1 U	na	1 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Ethylbenzene	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	na	1 U	na	1 U
m,p-Xylene	ug/l		5	na	0.5 U	na	na	na	na
Methyl Acetate	ug/l			5 U	1 U	na	2.5 U	na	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	3 U	na	10 U	na	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	na	5 U	na	5 U
Methylcyclohexane	ug/l			1 U	1 U	na	1 U	na	1 U
Methylene Chloride	ug/l		5	1 U	2 U	na	1 U	na	1 U
N-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
N-Propylbenzene	ug/l		50	na	1 U	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Styrene	ug/l		5	1 U	1 U	na	1 U	na	1 U
T-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	0.5 U	na	1 U	na	1 U
Tetrachloroethylene (PCE)	ug/l		5	0.37 J	0.5 U	na	0.38 J	na	0.42 J
Toluene	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Trans-1,2-Dichloroethene	ug/l		5	0.52 J	0.5 U	na	1 U	na	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	na	1 U	na	1 U
Trichloroethylene (TCE)	ug/l		5	19	2	na	1.9	na	3.2
Trichlorofluoromethane	ug/l		5	1 U	0.5 U	na	1 U	na	1 U
Vinyl Chloride	ug/l		2	0.33 J	0.5 U	na	1 U	na	1 U
Xylenes	ug/l		5	2 U	0.5 U	na	2 U	na	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003A JS-MW-003A(10092019) 2019-10-09 480-160747-2 WG N Y	JS-MW-003A JS-MW-003A(10222019)-B1 2019-10-22 480-161398-3 WG N Y	JS-MW-003A JS-MW-003A(12182019)-B1 2019-12-18 480-164415-13 WG N Y	JS-MW-003A JS-MW-003A (03252020) 2020-03-25 460-205927-5 WG N Y	JS-MW-003A JS-MW-003A(06232020)-B1 2020-06-23 460-211844-3 WG N Y	JS-MW-003A JS-MW-003A(10212020) 2020-10-21 460-221392-14 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.0002 U	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	100 J	na	na	na	na
Carbonate	mg/l			na	5 UJ	na	na	na	na
Chloride	mg/l		250	na	43.3	na	na	na	na
Ethane	ug/l			7.5 U	na	na	na	na	na
Ethene	ug/l			7 U	na	na	na	na	na
Methane	ug/l			4 U	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	6.99	6.96	7.76	7.58	7.85	7.92
Sulfate	mg/l		250	na	14.4	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			19.6	16.1	18.7	na	22.5	22.4
Total Organic Carbon	mg/l			1.1 J	1.2	1.3 J	0.91 J	0.93 J	1.1
Metals, Dissolved									
Calcium	mg/l			na	28.7	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	5.2	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	2.1 U	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	34	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	0.2 U	na	na	na	na
Antimony	mg/l		0.003	na	0.02 U	na	na	na	na
Arsenic	mg/l		0.025	na	0.015 U	na	na	na	na
Barium	mg/l		1	na	0.024	na	na	na	na
Beryllium	mg/l	0.003		na	0.002 U	na	na	na	na
Cadmium	mg/l		0.005	na	0.002 U	na	na	na	na
Calcium	mg/l			na	30.6	na	na	na	na
Chromium, Total	mg/l		0.05	na	0.004 U	na	na	na	na
Cobalt	mg/l			na	0.004 U	na	na	na	na
Copper	mg/l		0.2	na	0.01 U	na	na	na	na
Iron	mg/l		0.3	na	0.05 U	na	na	na	na
Lead	mg/l		0.025	na	0.01 U	na	na	na	na
Magnesium	mg/l	35		na	5.6	na	na	na	na
Manganese	mg/l		0.3	na	0.0033 U	na	na	na	na
Nickel	mg/l		0.1	na	0.01 U	na	na	na	na
Potassium	mg/l			na	2.2	na	na	na	na
Selenium	mg/l		0.01	na	0.025 U	na	na	na	na
Silver	mg/l		0.05	na	0.006 U	na	na	na	na
Sodium	mg/l		20	na	34.8	na	na	na	na
Thallium	mg/l	0.0005		na	0.02 U	na	na	na	na
Vanadium	mg/l			na	0.005 U	na	na	na	na
Zinc	mg/l	2		na	0.01 U	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.2 U	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003A JS-MW-003A(10092019) 2019-10-09 480-160747-2 WG N Y	JS-MW-003A JS-MW-003A(10222019)-B1 2019-10-22 480-161398-3 WG N Y	JS-MW-003A JS-MW-003A(12182019)-B1 2019-12-18 480-164415-13 WG N Y	JS-MW-003A JS-MW-003A (03252020) 2020-03-25 460-205927-5 WG N Y	JS-MW-003A JS-MW-003A(06232020)-B1 2020-06-23 460-211844-3 WG N Y	JS-MW-003A JS-MW-003A(10212020) 2020-10-21 460-221392-14 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	1 U	0.27 J	0.32 J	0.33 J
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	10 U	10 U	5 U	5 U	5 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	1 UJ	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 UJ	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	2.5 U	2.5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	10 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	0.39 J	0.69 J	1 U	0.27 J	0.35 J	0.67 J
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	3.3	3.8	2.3	1.7	2.2	3.4
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003A JS-MW-003A(12092020)-B3 2020-12-09 460-224751-6 WG N Y	JS-MW-003A JS-MW-003A (02032021) 2021-02-03 460-227796-2 WG N Y	JS-MW-003B JS-MW-003B(01102017) 2017-01-10 8781872 WG N Y	JS-MW-003B JS-MW-003B(10092019) 2019-10-09 480-160747-3 WG N Y	JS-MW-003B DUP(10222019)-B1 2019-10-22 480-161498-12 WG FD Y	JS-MW-003B JS-MW-003B(10222019)-B1 2019-10-22 480-161498-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	0.00005 U	na	0.0002 U	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			80.2	na	na	na	na	na
Bicarbonate	mg/l			80.2	na	na	na	247 J	245
Carbonate	mg/l			5 U	na	na	na	5 UJ	5 U
Chloride	mg/l		250	39.4	na	na	na	215	216
Ethane	ug/l			na	na	na	7.5 U	na	na
Ethene	ug/l			na	na	na	7 U	na	na
Methane	ug/l			na	na	na	4 U	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.62	7.81	7.9	7.5	7.47	7.47
Sulfate	mg/l		250	12.4	na	na	na	59.6	60
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			19.5	21.3	21.9	19.5	19.1	17.9
Total Organic Carbon	mg/l			1.5	1.2	4.9	0.88 J	0.71 J	0.8 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	102	97.9
Calcium	ug/l			27100	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	19.3	18.5
Magnesium	ug/l	35000		4660 J	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	5.8	5.5
Potassium	ug/l			1870 J	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	115	110
Sodium	ug/l		20000	28300	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	0.0868 U	na	0.2 U	0.2 U
Antimony	mg/l		0.003	na	na	0.0077 U	na	0.02 U	0.02 U
Arsenic	mg/l		0.025	na	na	0.0097 U	na	0.015 U	0.015 U
Barium	mg/l		1	na	na	0.129	na	0.11	0.11
Beryllium	mg/l	0.003		na	na	0.00067 U	na	0.002 U	0.002 U
Cadmium	mg/l		0.005	na	na	0.00049 U	na	0.002 U	0.002 U
Calcium	mg/l			na	na	102	na	104	105
Chromium, Total	mg/l		0.05	na	na	0.0018 U	na	0.004 U	0.004 U
Cobalt	mg/l			na	na	0.0019 U	na	0.004 U	0.004 U
Copper	mg/l		0.2	na	na	0.0041 U	na	0.01 U	0.01 U
Iron	mg/l		0.3	na	na	0.0912 J	na	0.11	0.11 U
Lead	mg/l		0.025	na	na	0.0062 U	na	0.01 U	0.01 U
Magnesium	mg/l	35		na	na	19.9 J	na	19.2	18.9
Manganese	mg/l		0.3	na	na	0.485	na	0.54	0.53
Nickel	mg/l		0.1	na	na	0.0028 U	na	0.01 U	0.01 U
Potassium	mg/l			na	na	9.19	na	5.9	6
Selenium	mg/l		0.01	na	na	0.0097 U	na	0.025 U	0.025 U
Silver	mg/l		0.05	na	na	0.0019 U	na	0.006 U	0.006 U
Sodium	mg/l		20	na	na	131 J	na	116	118
Thallium	mg/l	0.0005		na	na	0.0094 U	na	0.02 U	0.02 U
Vanadium	mg/l			na	na	0.0016 U	na	0.005 U	0.005 U
Zinc	mg/l	2		na	na	0.0054 U	na	0.01 U	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	na	na	na	1.4 J	1.3 J
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50		1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003A JS-MW-003A(12092020)-B3 2020-12-09 460-224751-6 WG N Y	JS-MW-003A JS-MW-003A (02032021) 2021-02-03 460-227796-2 WG N Y	JS-MW-003B JS-MW-003B(01102017) 2017-01-10 8781872 WG N Y	JS-MW-003B JS-MW-003B(10092019) 2019-10-09 480-160747-3 WG N Y	JS-MW-003B DUP(10222019)-B1 2019-10-22 480-161498-12 WG FD Y	JS-MW-003B JS-MW-003B(10222019)-B1 2019-10-22 480-161498-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	190	2000 U	500 U	500 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	2 U	2000 U	500 U	500 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	0.5 J	2000 U	500 U	500 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	110	2000 U	500 U	500 U
1,1-Dichloroethene	ug/l		5	1 U	1 U	45	2000 U	500 U	500 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	1 U	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	2000 U	500 U	500 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	1 U	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	2 U	2000 U	500 U	500 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	0.5 U	2000 U	500 U	500 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2000 U	500 U	500 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	0.8 J	2000 U	500 U	500 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	0.5 U	2000 U	500 U	500 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	1 U	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2000 U	500 U	500 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2000 U	500 U	500 U
2-Hexanone	ug/l	50		5 U	5 U	3 U	10000 U	2500 U	2500 U
Acetone	ug/l	50		5 U	5 U	6 U	20000 U	5000 U	5000 U
Benzene	ug/l		1	1 U	1 U	0.5 U	2000 U	500 U	500 U
Bromochloromethane	ug/l		5	na	na	1 U	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	0.5 U	2000 U	500 U	500 U
Bromoform	ug/l	50		1 U	1 U	0.5 U	2000 U	500 U	500 U
Bromomethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	2000 U	500 U	500 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Chlorobenzene	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Chloroethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Chloroform	ug/l		7	1 U	1 U	0.9 J	2000 U	500 U	500 U
Chloromethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	6	2000 U	500 U	500 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	2000 U	500 U	500 U
Cyclohexane	ug/l			1 U	1 U	2 U	2000 U	500 U	500 U
Cymene	ug/l		5	na	na	1 U	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	0.5 U	2000 U	500 U	500 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Ethylbenzene	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	2000 U	500 U	500 U
m,p-Xylene	ug/l		5	na	na	0.5 U	na	na	na
Methyl Acetate	ug/l			5 U	5 U	1 U	5000 U	1300 U	1300 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	3 U	20000 U	5000 U	5000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	3 U	10000 U	2500 U	2500 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	2000 U	500 U	500 U
Methylene Chloride	ug/l		5	1 U	1 U	2 U	2000 U	500 U	500 U
N-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
N-Propylbenzene	ug/l		50	na	na	1 U	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	0.5 U	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	2000 U	500 U	500 U
T-Butylbenzene	ug/l		5	na	na	1 U	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	0.5 U	2000 U	500 U	500 U
Tetrachloroethylene (PCE)	ug/l		5	0.45 J	1 U	0.5 U	2000 U	500 U	500 U
Toluene	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	2000 U	500 U	500 U
Trichloroethylene (TCE)	ug/l		5	2.3	30	810	41000	19000 J	44000 J
Trichlorofluoromethane	ug/l		5	1 U	1 U	0.5 U	2000 U	500 U	500 U
Vinyl Chloride	ug/l		2	1 U	1 U	1	2000 U	500 U	500 U
Xylenes	ug/l		5	2 U	2 U	0.5 U	4000 U	1000 U	1000 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	JS-MW-003B JS-MW-003B(12172019)-B1 2019-12-17 480-164415-6 WG N Y	JS-MW-003B JS-MW-003B(12172019)-B1-RS 2019-12-17 460-199325-1 WG N Y	JS-MW-003B JS-MW-003B(06232020)-B1 2020-06-23 460-211844-5 WG N Y	JS-MW-003B JS-MW-003B(12092020)-B3 2020-12-09 460-224751-9 WG N Y	JS-MW-003B JS-MW-003B (02032021) 2021-02-03 460-227796-3 WG N Y	JS-MW-003BR JS-MW-003BR(10242019)-B1 2019-10-24 480-161634-16 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	na	na	na	na	na	na	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na	na
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	5 U	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	245	na	na	na
Bicarbonate	mg/l			na	na	na	245	na	na	368 J
Carbonate	mg/l			na	na	na	5 U	na	na	5 UJ
Chloride	mg/l		250	na	na	na	189	na	na	3640
Ethane	ug/l			na	na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na	na
pH	ph units		8.5	7.85	na	8.21	8.15	8.08	na	7.32
Sulfate	mg/l		250	na	na	na	48.6	na	na	100 U
Sulfide	mg/l			na	na	na	na	na	na	na
Temperature	deg c			20.4	na	22.7	19.7	21.4	na	18.7
Total Organic Carbon	mg/l			0.97 J	na	0.69 J	0.82 J	0.67 J	na	1.8
Metals, Dissolved										
Calcium	mg/l			na	na	na	na	na	na	354
Calcium	ug/l			na	na	na	104000	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na	169
Magnesium	ug/l	35000		na	na	na	19000	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	85.5
Potassium	ug/l			na	na	na	6320	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	1320
Sodium	ug/l		20000	na	na	na	115000	na	na	na
Metals, Total										
Aluminum	mg/l			na	na	na	na	na	na	0.094 J
Antimony	mg/l		0.003	na	na	na	na	na	na	0.02 U
Arsenic	mg/l		0.025	na	na	na	na	na	na	0.015 U
Barium	mg/l		1	na	na	na	na	na	na	4.7
Beryllium	mg/l	0.003		na	na	na	na	na	na	0.002 U
Cadmium	mg/l		0.005	na	na	na	na	na	na	0.002 U
Calcium	mg/l			na	na	na	na	na	na	350
Chromium, Total	mg/l		0.05	na	na	na	na	na	na	0.0017 J
Cobalt	mg/l			na	na	na	na	na	na	0.004 U
Copper	mg/l		0.2	na	na	na	na	na	na	0.01 U
Iron	mg/l		0.3	na	na	na	na	na	na	42.3
Lead	mg/l		0.025	na	na	na	na	na	na	0.01 U
Magnesium	mg/l	35		na	na	na	na	na	na	167
Manganese	mg/l		0.3	na	na	na	na	na	na	1.5
Nickel	mg/l		0.1	na	na	na	na	na	na	0.0016 J
Potassium	mg/l			na	na	na	na	na	na	84.1
Selenium	mg/l		0.01	na	na	na	na	na	na	0.05 U
Silver	mg/l		0.05	na	na	na	na	na	na	0.006 U
Sodium	mg/l		20	na	na	na	na	na	na	1420
Thallium	mg/l	0.0005		na	na	na	na	na	na	0.02 U
Vanadium	mg/l			na	na	na	na	na	na	0.005 U
Zinc	mg/l	2		na	na	na	na	na	na	1.3
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na	na
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na	na
Pesticides										
Aldrin	ug/l			na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na	na
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	0.67	na	na	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003B JS-MW-003B(12172019)-B1 2019-12-17 480-164415-6 WG N Y	JS-MW-003B JS-MW-003B(12172019)-B1-RS 2019-12-17 460-199325-1 WG N Y	JS-MW-003B JS-MW-003B(06232020)-B1 2020-06-23 460-211844-5 WG N Y	JS-MW-003B JS-MW-003B(12092020)-B3 2020-12-09 460-224751-9 WG N Y	JS-MW-003B JS-MW-003B (02032021) 2021-02-03 460-227796-3 WG N Y	JS-MW-003BR JS-MW-003BR(10242019)-B1 2019-10-24 480-161634-16 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	400 U	37 J	100 U	76 J	39 J	1 UJ
1,1,2,2-Tetrachloroethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	400 UJ	100 U	100 U	100 U	50 U	1 U
1,1,2-Trichloroethane	ug/l		1	400 U	100 U	100 U	100 U	50 U	1 U
1,1-Dichloroethane	ug/l		5	400 U	86 J	100	100	80	1 U
1,1-Dichloroethene	ug/l		5	400 U	100 U	38 J	51 J	32 J	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	400 U	100 U	100 U	100 U	50 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	400 U	100 U	100 U	100 U	50 U	1 U
1,2-Dichlorobenzene	ug/l		3	400 U	100 U	100 U	100 U	50 U	1 U
1,2-Dichloroethane	ug/l		0.6	400 U	100 U	100 U	100 U	50 U	1 U
1,2-Dichloropropane	ug/l		1	400 U	100 U	100 U	100 U	50 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	400 U	100 U	100 U	100 U	50 U	1 U
1,4-Dichlorobenzene	ug/l		3	400 U	100 U	100 U	100 U	50 U	1 U
2-Hexanone	ug/l	50		2000 U	500 U	500 U	500 U	250 U	5 U
Acetone	ug/l	50		4000 U	500 U	500 U	500 U	250 U	10 U
Benzene	ug/l		1	400 U	100 U	100 U	100 U	50 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		400 U	100 U	100 U	100 U	50 U	1 U
Bromoform	ug/l	50		400 U	100 U	100 U	100 U	50 U	1 U
Bromomethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Carbon Disulfide	ug/l	60		400 U	100 U	100 U	100 U	50 U	1 U
Carbon Tetrachloride	ug/l		5	400 U	100 U	100 UJ	100 U	50 U	1 UJ
Chlorobenzene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Chloroethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Chloroform	ug/l		7	400 U	100 U	100 U	100 U	50 U	1 U
Chloromethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	400 U	100 U	23 J	34 J	24 J	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	400 U	100 U	100 U	100 U	50 U	1 U
Cyclohexane	ug/l			400 U	100 U	100 U	100 U	50 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		400 U	100 U	100 U	100 U	50 U	1 U
Dichlorodifluoromethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Ethylbenzene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			1000 U	500 U	500 U	500 U	250 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		4000 U	500 U	500 U	500 U	250 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			2000 U	500 U	500 U	500 U	250 U	5 U
Methylcyclohexane	ug/l			400 U	100 U	100 U	100 U	50 U	1 U
Methylene Chloride	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		400 U	100 U	100 U	100 U	50 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Toluene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	400 U	100 U	100 U	100 U	50 U	1 U
Trichloroethylene (TCE)	ug/l		5	38000	31000	28000	33000	40000	1 U
Trichlorofluoromethane	ug/l		5	400 U	100 U	100 U	100 U	50 U	1 UJ
Vinyl Chloride	ug/l		2	400 U	100 U	100 U	100 U	50 U	1 U
Xylenes	ug/l		5	800 U	200 U	200 U	200 U	100 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003BR JS-MW-003BR(12092020)-B4 2020-12-09 460-224751-12 WG N Y	JS-MW-003C JS-MW-003C(01042017) 2017-01-04 8776547 WG N Y	JS-MW-003C JS-MW-003C(10222019)-B1 2019-10-22 480-161498-8 WG N Y	JS-MW-003C JS-MW-003C(12172019)-B1 2019-12-17 460-199325-4 WG N Y	JS-MW-003C JS-MW-003C-WG-20191217-02 2019-12-17 JS-MW-003C-WG-20191217-02 WG N N	JS-MW-003C JS-MW-003C(12092020)-B5 2020-12-09 460-224751-14 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.00005 U	0.0002 U	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	na	na	na	na	5 U
Alkalinity, Total (As CaCO3)	mg/l			345	na	na	na	na	228
Bicarbonate	mg/l			345	na	179	na	na	228
Carbonate	mg/l			5 U	na	5 U	na	na	5 U
Chloride	mg/l		250	3250	na	118	na	na	128
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.46	7.8	7.56	na	na	8.07
Sulfate	mg/l		250	100 U	na	38.4	na	na	34.8
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			19.5	21.1	18.5	na	10.3	19.7
Total Organic Carbon	mg/l			1.7	31.9	0.62 J	na	na	0.88 J
Metals, Dissolved									
Calcium	mg/l			na	na	80.7	na	na	na
Calcium	ug/l			375000	na	na	na	na	89700
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	18.6	na	na	na
Magnesium	ug/l	35000		165000	na	na	na	na	20000
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	1.5	na	na	na
Potassium	ug/l			84400	na	na	na	na	1630 J
Sodium	mg/l		20	na	na	59.5	na	na	na
Sodium	ug/l		20000	1330000	na	na	na	na	70300
Metals, Total									
Aluminum	mg/l			na	1.92	0.081 J	na	na	na
Antimony	mg/l		0.003	na	0.0077 U	0.02 U	na	na	na
Arsenic	mg/l		0.025	na	0.0097 U	0.015 U	na	na	na
Barium	mg/l		1	na	0.218	0.23	na	na	na
Beryllium	mg/l	0.003		na	0.00067 U	0.002 U	na	na	na
Cadmium	mg/l		0.005	na	0.00049 U	0.002 U	na	na	na
Calcium	mg/l			na	82	82.1	na	na	na
Chromium, Total	mg/l		0.05	na	0.0032 J	0.004 U	na	na	na
Cobalt	mg/l			na	0.0019 U	0.004 U	na	na	na
Copper	mg/l		0.2	na	0.0041 U	0.01 U	na	na	na
Iron	mg/l		0.3	na	2.06	0.17 U	na	na	na
Lead	mg/l		0.025	na	0.0062 U	0.0031 J	na	na	na
Magnesium	mg/l	35		na	19.1	18.4	na	na	na
Manganese	mg/l		0.3	na	0.465	0.48	na	na	na
Nickel	mg/l		0.1	na	0.0028 U	0.01 U	na	na	na
Potassium	mg/l			na	2.71 J	1.5	na	na	na
Selenium	mg/l		0.01	na	0.0097 U	0.025 U	na	na	na
Silver	mg/l		0.05	na	0.0019 U	0.006 U	na	na	na
Sodium	mg/l		20	na	70.2	61.5	na	na	na
Thallium	mg/l	0.0005		na	0.0094 U	0.02 U	na	na	na
Vanadium	mg/l			na	0.0019 J	0.005 U	na	na	na
Zinc	mg/l	2		na	0.0078 J	0.01 U	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	na	3.8 U	na	na	0.45
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003BR JS-MW-003BR(12092020)-B4 2020-12-09 460-224751-12 WG N Y	JS-MW-003C JS-MW-003C(01042017) 2017-01-04 8776547 WG N Y	JS-MW-003C JS-MW-003C(10222019)-B1 2019-10-22 480-161498-8 WG N Y	JS-MW-003C JS-MW-003C(12172019)-B1 2019-12-17 460-199325-4 WG N Y	JS-MW-003C JS-MW-003C-WG-20191217-02 2019-12-17 JS-MW-003C-WG-20191217-02 WG N N	JS-MW-003C JS-MW-003C(12092020)-B5 2020-12-09 460-224751-14 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na
Naphthalene	ug/l		10	na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	3	2000 U	500 U	na	500 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	2000 U	500 U	na	500 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	2000 U	500 U	na	500 U
1,1-Dichloroethane	ug/l		5	1 U	8	2000 U	500 U	na	500 U
1,1-Dichloroethene	ug/l		5	1 U	3	2000 U	500 U	na	500 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	2000 U	500 U	na	500 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	2000 U	500 U	na	500 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	2000 U	500 U	na	500 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	2000 U	500 U	na	500 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	2000 U	500 U	na	500 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	2000 U	500 U	na	500 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	2000 U	500 U	na	500 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	2000 U	500 U	na	500 U
2-Hexanone	ug/l	50		5 U	3 U	10000 U	2500 U	na	2500 U
Acetone	ug/l	50		5 U	6 U	20000 U	2500 U	na	2500 U
Benzene	ug/l		1	1 U	0.5 U	2000 U	500 U	na	500 U
Bromochloromethane	ug/l		5	na	1 U	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	0.5 U	2000 U	500 U	na	500 U
Bromoform	ug/l	50		1 U	0.5 U	2000 U	500 U	na	500 U
Bromomethane	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Carbon Disulfide	ug/l	60		1 U	1 U	2000 U	500 U	na	500 U
Carbon Tetrachloride	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Chlorobenzene	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Chloroethane	ug/l		5	1 U	0.5 U	2000 UJ	500 U	na	500 U
Chloroform	ug/l		7	1 U	0.5 U	2000 U	500 U	na	500 U
Chloromethane	ug/l		5	1 U	0.5 U	2000 UJ	500 U	na	500 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1	2000 U	500 U	na	500 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	2000 U	500 U	na	500 U
Cyclohexane	ug/l			1 U	2 U	2000 U	500 U	na	500 U
Cymene	ug/l		5	na	1 U	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	2000 U	500 U	na	500 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Ethylbenzene	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	2000 U	500 U	na	500 U
m,p-Xylene	ug/l		5	na	0.5 U	na	na	na	na
Methyl Acetate	ug/l			5 U	1 U	5000 U	2500 U	na	2500 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	3 U	20000 U	2500 U	na	2500 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	10000 U	2500 U	na	2500 U
Methylcyclohexane	ug/l			1 U	1 U	2000 U	500 U	na	500 U
Methylene Chloride	ug/l		5	1 U	2 U	2000 U	500 U	na	500 U
N-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
N-Propylbenzene	ug/l		50	na	1 U	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Styrene	ug/l		5	1 U	1 U	2000 U	500 U	na	500 U
T-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	0.5 U	2000 U	500 U	na	500 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Toluene	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	0.5 U	2000 U	500 U	na	500 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	2000 U	500 U	na	500 U
Trichloroethylene (TCE)	ug/l		5	1 U	570	74000	120000	na	130000
Trichlorofluoromethane	ug/l		5	1 U	0.5 UJ	2000 U	500 U	na	500 U
Vinyl Chloride	ug/l		2	1 U	0.5 U	2000 U	500 U	na	500 U
Xylenes	ug/l		5	2 U	0.5 U	4000 U	1000 U	na	1000 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003D JS-MW-003D(10222019)-B1 2019-10-22 480-161498-9 WG N Y	JS-MW-003D JS-MW-003D(12172019)-B1 2019-12-17 460-199325-5 WG N Y	JS-MW-003D JS-MW-003D-WG-20191217-02 2019-12-17 JS-MW-003D-WG-20191217-02 WG N N	JS-MW-003D JS-MW-003D(12102020)-B5 2020-12-10 460-224806-13 WG N Y	JS-MW-004A JS-MW-004A(01102017) 2017-01-10 8781873 WG N Y	JS-MW-004A JS-MW-004A (05022018) 2018-05-02 R1804010-004 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007		0.0002 U	na	na	na	0.00005 U
Mercury	ug/l		0.7		na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	5 U	na
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	223	na
Bicarbonate	mg/l				63.4	na	na	223	na
Carbonate	mg/l				5 U	na	na	5 U	na
Chloride	mg/l		250		61	na	na	106	na
Ethane	ug/l				na	na	na	na	na
Ethene	ug/l				na	na	na	na	na
Methane	ug/l				na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na	na
pH	ph units		8.5		8.09	na	na	8.14	7.5
Sulfate	mg/l		250		26	na	na	34.1	na
Sulfide	mg/l				na	na	na	na	na
Temperature	deg c				18.6	na	10.02	19.4	21.3
Total Organic Carbon	mg/l				1 U	na	na	0.63 J	1.5
Metals, Dissolved									
Calcium	mg/l				24	na	na	na	na
Calcium	ug/l				na	na	na	69900	na
Iron	mg/l		0.3		na	na	na	na	na
Magnesium	mg/l		35		9.3	na	na	na	na
Magnesium	ug/l		35000		na	na	na	17900	na
Manganese	mg/l		0.3		na	na	na	na	na
Potassium	mg/l				3.6	na	na	na	na
Potassium	ug/l				na	na	na	2010 J	na
Sodium	mg/l		20		39.2	na	na	na	na
Sodium	ug/l		20000		na	na	na	52000	na
Metals, Total									
Aluminum	mg/l				0.12 J	na	na	na	0.126 J
Antimony	mg/l		0.003		0.02 U	na	na	na	0.0077 U
Arsenic	mg/l		0.025		0.015 U	na	na	na	0.0097 U
Barium	mg/l		1		0.13	na	na	na	0.0289
Beryllium	mg/l		0.003		0.002 U	na	na	na	0.00067 U
Cadmium	mg/l		0.005		0.002 U	na	na	na	0.00049 U
Calcium	mg/l				25.2	na	na	na	43.6
Chromium, Total	mg/l		0.05		0.0017 J	na	na	na	0.002 J
Cobalt	mg/l				0.004 U	na	na	na	0.0019 U
Copper	mg/l		0.2		0.01 U	na	na	na	0.0043 J
Iron	mg/l		0.3		0.069 U	na	na	na	0.245 J
Lead	mg/l		0.025		0.01 U	na	na	na	0.0062 U
Magnesium	mg/l		35		9.5	na	na	na	9.32 J
Manganese	mg/l		0.3		0.0067	na	na	na	0.0176
Nickel	mg/l		0.1		0.01 U	na	na	na	0.0028 U
Potassium	mg/l				3.9	na	na	na	3.39
Selenium	mg/l		0.01		0.025 U	na	na	na	0.0097 U
Silver	mg/l		0.05		0.006 U	na	na	na	0.0019 U
Sodium	mg/l		20		40.8	na	na	na	74.3 J
Thallium	mg/l		0.0005		0.02 U	na	na	na	0.0094 U
Vanadium	mg/l				0.005 U	na	na	na	0.0016 U
Zinc	mg/l		2		0.01 U	na	na	na	0.0054 U
Other									
BVCA Reductase	Cells/mL				na	na	na	na	na
Cyanide	mg/l		0.2		na	na	na	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	na	na	na
Pesticides									
Aldrin	ug/l				na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	na	na	na
Alpha Endosulfan	ug/l				na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na
Beta Endosulfan	ug/l				na	na	na	na	na
cis-Chlordane	ug/l				na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na
Dieldrin	ug/l		0.004		na	na	na	na	na
Endosulfan Sulfate	ug/l				na	na	na	na	na
Endrin	ug/l		0		na	na	na	na	na
Endrin Aldehyde	ug/l		5		na	na	na	na	na
Endrin Ketone	ug/l		5		na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	na	na	na
Heptachlor	ug/l		0.04		na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	na	na	na
Methoxychlor	ug/l		35		na	na	na	na	na
P,P'-DDD	ug/l		0.3		na	na	na	na	na
P,P'-DDE	ug/l		0.2		na	na	na	na	na
P,P'-DDT	ug/l		0.2		na	na	na	na	na
Toxaphene	ug/l		0.06		na	na	na	na	na
trans-Chlordane	ug/l				na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		0.1 J	na	na	0.11 J	na
2,3,4,6-Tetrachlorophenol	ug/l				na	na	na	na	na
2,4,5-Trichlorophenol	ug/l				na	na	na	na	na
2,4,6-Trichlorophenol	ug/l				na	na	na	na	na
2,4-Dichlorophenol	ug/l		1		na	na	na	na	na
2,4-Dimethylphenol	ug/l		50		1	na	na	na	na
2,4-Dinitrophenol	ug/l				1	na	na	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	na	na	na
2-Chloronaphthalene	ug/l		10		na	na	na	na	na
2-Chlorophenol	ug/l				na	na	na	na	na
2-Methylnaphthalene	ug/l				na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	na	na	na
2-Nitroaniline	ug/l		5		na	na	na	na	na
2-Nitrophenol	ug/l				na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	na	na	na
3-Nitroaniline	ug/l		5		na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	na	na	na
4-Chloroaniline	ug/l		5		na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	na	na	na
4-Nitroaniline	ug/l		5		na	na	na	na	na
4-Nitrophenol	ug/l				na	na	na	na	na
Acenaphthene	ug/l		20		20	na	na	na	na
Acenaphthylene	ug/l				na	na	na	na	na
Acetophenone	ug/l				na	na	na	na	na
Anthracene	ug/l		50		na	na	na	na	na
Atrazine	ug/l				7.5	na	na	na	na
Benzaldehyde	ug/l				na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l				0	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002		na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-003D JS-MW-003D(10222019)-B1 2019-10-22 480-161498-9 WG N Y	JS-MW-003D JS-MW-003D(12172019)-B1 2019-12-17 460-199325-5 WG N Y	JS-MW-003D JS-MW-003D-WG-20191217-02 2019-12-17 JS-MW-003D-WG-20191217-02 WG N N	JS-MW-003D JS-MW-003D(12102020)-B5 2020-12-10 460-224806-13 WG N Y	JS-MW-004A JS-MW-004A(01102017) 2017-01-10 8781873 WG N Y	JS-MW-004A JS-MW-004A (05022018) 2018-05-02 R1804010-004 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	na	1 U	2 U	na
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	na	1 U	0.5 U	na
1,1-Dichloroethane	ug/l		5	4.5	12	na	11	0.5 U	na
1,1-Dichloroethene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	1 U	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	na	1 U	1 U	na
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	na	1 U	2 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	na	1 U	0.5 U	na
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	1 U	na
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	na	1 U	0.5 U	na
1,2-Dichloropropane	ug/l		1	1 U	1 U	na	1 U	0.5 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	1 U	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	1 U	na
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	na	1 U	1 U	na
2-Hexanone	ug/l	50		5 U	5 U	na	5 U	3 U	na
Acetone	ug/l	50		10 U	5 U	na	5 U	6 U	na
Benzene	ug/l		1	1 U	1 U	na	1 U	0.5 U	na
Bromochloromethane	ug/l		5	na	na	na	na	1 U	na
Bromodichloromethane	ug/l	50		1 U	1 U	na	1 U	0.5 U	na
Bromoform	ug/l	50		1 U	1 U	na	1 U	0.5 U	na
Bromomethane	ug/l		5	1 U	1 UJ	na	1 U	0.5 U	na
Carbon Disulfide	ug/l	60		0.19 J	1 U	na	1 U	1 U	na
Carbon Tetrachloride	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Chlorobenzene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Chloroethane	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Chloroform	ug/l		7	1 U	1 U	na	1 U	0.5 U	na
Chloromethane	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	na	1 U	0.5 U	na
Cyclohexane	ug/l			1 U	1 U	na	1 U	2 U	na
Cymene	ug/l		5	na	na	na	na	1 U	na
Dibromochloromethane	ug/l	50		1 U	1 U	na	1 U	0.5 U	na
Dichlorodifluoromethane	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Ethylbenzene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	na	1 U	1 U	na
m,p-Xylene	ug/l		5	na	na	na	na	0.5 U	na
Methyl Acetate	ug/l			2.5 U	5 U	na	5 U	1 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	5 U	na	5 U	3 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	na	5 U	3 U	na
Methylcyclohexane	ug/l			1 U	1 U	na	1 U	1 U	na
Methylene Chloride	ug/l		5	1 U	1 U	na	1 U	2 U	na
N-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
N-Propylbenzene	ug/l		50	na	na	na	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	0.5 U	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
Styrene	ug/l		5	1 U	1 U	na	1 U	1 U	na
T-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	na	1 U	0.5 U	na
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Toluene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	na	1 U	0.5 U	na
Trichloroethylene (TCE)	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Trichlorofluoromethane	ug/l		5	1 U	1 U	na	1 U	0.5 U	na
Vinyl Chloride	ug/l		2	1 U	1 U	na	1 U	0.5 U	na
Xylenes	ug/l		5	2 U	2 U	na	2 U	0.5 U	na

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004A JS-MW-004A (05022018)-20180502 2018-05-02 480-135361-1 WG N Y	JS-MW-004A JS-MW-004A(05022018) 2018-05-02 018PE04 WG N N	JS-MW-004A JS-MW-004A(10232019)-B2 2019-10-23 480-161621-10 WG N Y	JS-MW-004A JS-MW-004A(12092020)-B3 2020-12-09 460-224751-11 WG N Y	JS-MW-004B JS-MW-004B(01042017) 2017-01-04 8776548 WG N Y	JS-MW-004B JS-MW-004B(10222019)-B1 2019-10-22 480-161498-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	0.0002 U	na	0.00005 U	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	5 U	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	143	na	na
Bicarbonate	mg/l			na	na	160	143	na	103 J
Carbonate	mg/l			na	na	5 U	5 U	na	5 UJ
Chloride	mg/l		250	na	na	92.8	116	na	92.6
Ethane	ug/l			7.5 U	na	na	na	na	na
Ethene	ug/l			7 U	na	na	na	na	na
Methane	ug/l			4 U	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	2.9	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	0.05 U	na	na	na	na	na
pH	ph units		8.5	na	na	8.01	7.6	7.9	8.11
Sulfate	mg/l		250	6.6	na	25.6	17.6	na	45.7
Sulfide	mg/l			1 U	na	na	na	na	na
Temperature	deg c			na	na	19.9	19.5	20.4	19.3
Total Organic Carbon	mg/l			1.4 J	na	1.8 J	1.6	1.2	0.8 J
Metals, Dissolved									
Calcium	mg/l			na	na	52.3	na	na	40.8
Calcium	ug/l			na	na	na	51700	na	na
Iron	mg/l		0.3	0.05 U	na	na	na	na	na
Magnesium	mg/l	35		na	na	9.4	na	na	9.3
Magnesium	ug/l	35000		na	na	na	9920	na	na
Manganese	mg/l		0.3	0.003 U	na	na	na	na	na
Potassium	mg/l			na	na	3.1	na	na	4.5
Potassium	ug/l			na	na	na	3180 J	na	na
Sodium	mg/l		20	na	na	59.2	na	na	57.4
Sodium	ug/l		20000	na	na	na	74200	na	na
Metals, Total									
Aluminum	mg/l			na	na	0.2 U	na	0.605	12.5
Antimony	mg/l		0.003	na	na	0.02 U	na	0.0077 U	0.02 U
Arsenic	mg/l		0.025	na	na	0.015 U	na	0.0097 U	0.013 J
Barium	mg/l		1	na	na	0.035	na	0.0983	0.27
Beryllium	mg/l	0.003		na	na	0.002 U	na	0.00067 U	0.00061 J
Cadmium	mg/l		0.005	na	na	0.002 U	na	0.00049 U	0.00051 J
Calcium	mg/l			na	na	54.9	na	86	185
Chromium, Total	mg/l		0.05	na	na	0.004 U	na	0.0019 J	0.022
Cobalt	mg/l			na	na	0.004 U	na	0.0019 U	0.0062
Copper	mg/l		0.2	na	na	0.01 U	na	0.0041 U	0.025
Iron	mg/l		0.3	0.05 U	na	0.05 U	na	0.828	16.5
Lead	mg/l		0.025	na	na	0.01 U	na	0.0062 U	0.019
Magnesium	mg/l	35		na	na	10.2	na	16.4	23.7
Manganese	mg/l		0.3	0.003 U	na	0.003 U	na	0.578	1
Nickel	mg/l		0.1	na	na	0.01 U	na	0.0028 U	0.017
Potassium	mg/l			na	na	3.2	na	7.78 J	7.4
Selenium	mg/l		0.01	na	na	0.025 U	na	0.0097 U	0.025 U
Silver	mg/l		0.05	na	na	0.006 U	na	0.0019 U	0.006 U
Sodium	mg/l		20	na	na	63.6	na	107	58.7
Thallium	mg/l	0.0005		na	na	0.02 U	na	0.0094 U	0.02 U
Vanadium	mg/l			na	na	0.005 U	na	0.0016 U	0.015
Zinc	mg/l	2		na	na	0.01 U	na	0.0054 U	0.09
Other									
BVCA Reductase	Cells/mL			na	0.4	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	4	na	na	na	na
Dehalococcoides	Cells/mL			na	0.4	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	23.2	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	4	na	na	na	na
TCEA Reductase	Cells/mL			na	0.4	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	0.4	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	0.19 U	0.2 U	na	1.5 J
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004A JS-MW-004A (05022018)-20180502 2018-05-02 480-135361-1 WG N Y	JS-MW-004A JS-MW-004A(05022018) 2018-05-02 018PE04 WG N N	JS-MW-004A JS-MW-004A(10232019)-B2 2019-10-23 480-161621-10 WG N Y	JS-MW-004A JS-MW-004A(12092020)-B3 2020-12-09 460-224751-11 WG N Y	JS-MW-004B JS-MW-004B(01042017) 2017-01-04 8776548 WG N Y	JS-MW-004B JS-MW-004B(10222019)-B1 2019-10-22 480-161498-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	na	1 U	1 U	8	3.1
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
1,1,2-Trichloroethane	ug/l		1	1 U	na	1 U	1 U	0.5 U	2 U
1,1-Dichloroethane	ug/l		5	1 U	na	1 U	1 U	150	100
1,1-Dichloroethene	ug/l		5	1 U	na	1 U	1 U	35	15
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	1 U	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	na	1 U	1 U	1 U	2 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	na	1 U	1 U	2 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	na	1 U	1 U	0.5 U	2 U
1,2-Dichlorobenzene	ug/l		3	1 U	na	1 U	1 U	1 U	2 U
1,2-Dichloroethane	ug/l		0.6	1 U	na	1 U	1 U	0.5 U	2 U
1,2-Dichloropropane	ug/l		1	1 U	na	1 U	1 U	0.5 U	2 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	1 U	na
1,3-Dichlorobenzene	ug/l		3	1 U	na	1 U	1 U	1 U	2 U
1,4-Dichlorobenzene	ug/l		3	1 U	na	1 U	1 U	1 U	2 U
2-Hexanone	ug/l	50		5 U	na	5 U	5 U	3 U	10 U
Acetone	ug/l	50		10 UJ	na	10 U	5 U	6 U	20 U
Benzene	ug/l		1	1 U	na	1 U	1 U	0.5 U	2 U
Bromochloromethane	ug/l		5	na	na	na	na	1 U	na
Bromodichloromethane	ug/l	50		1 U	na	1 U	1 U	0.5 U	2 U
Bromoform	ug/l	50		1 U	na	1 U	1 UJ	0.5 U	2 U
Bromomethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Carbon Disulfide	ug/l	60		1 U	na	1 U	1 U	1 U	1 J
Carbon Tetrachloride	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Chlorobenzene	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Chloroethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Chloroform	ug/l		7	1 U	na	1 U	1 U	0.5 U	2 U
Chloromethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	na	1 U	1 U	0.5 U	2 U
Cyclohexane	ug/l			1 U	na	1 U	1 U	2 U	2 U
Cymene	ug/l		5	na	na	na	na	1 U	na
Dibromochloromethane	ug/l	50		1 U	na	1 U	1 U	0.5 U	2 U
Dichlorodifluoromethane	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Ethylbenzene	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	na	1 U	1 U	1 U	2 U
m,p-Xylene	ug/l		5	na	na	na	na	0.5 U	na
Methyl Acetate	ug/l			2.5 U	na	2.5 U	5 U	1 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	na	10 U	5 U	3 U	20 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	na	5 U	5 U	3 U	10 U
Methylcyclohexane	ug/l			1 U	na	1 U	1 U	1 U	2 U
Methylene Chloride	ug/l		5	1 U	na	1 U	1 U	2 U	2 U
N-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
N-Propylbenzene	ug/l		50	na	na	na	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	0.5 U	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
Styrene	ug/l		5	1 U	na	1 U	1 U	1 U	2 U
T-Butylbenzene	ug/l		5	na	na	na	na	1 U	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	na	1 U	1 U	0.5 U	2 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Toluene	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	na	1 U	1 U	0.5 U	2 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	na	1 U	1 U	0.5 U	2 U
Trichloroethylene (TCE)	ug/l		5	1 U	na	1 U	0.47 J	9	11
Trichlorofluoromethane	ug/l		5	1 U	na	1 U	1 U	0.5 UJ	2 U
Vinyl Chloride	ug/l		2	1 U	na	1 U	1 U	2	2 U
Xylenes	ug/l		5	2 U	na	2 U	2 U	0.5 U	4 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004B JS-MW-004B(12102020)-B5 2020-12-10 460-224806-10 WG N Y	JS-MW-004C JS-MW-004C(01102017) 2017-01-10 8781874 WG N Y	JS-MW-004C JS-MW-004C(10222019)-B1 2019-10-22 480-161398-1 WG N Y	JS-MW-004C JS-MW-004C(12092020)-B5 2020-12-09 460-224751-17 WG N Y	JS-MW-004D JS-MW-004D(10222019)-B1 2019-10-22 480-161498-11 WG N Y	JS-MW-004D JS-MW-004D(12092020)-B5 2020-12-09 460-224751-16 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.00005 U	0.0002 U	na	0.0002 U	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	na	na	5 U	na	5 U
Alkalinity, Total (As CaCO3)	mg/l			86.3	na	na	220	na	215
Bicarbonate	mg/l			84.3	na	214 J	220	155	215
Carbonate	mg/l			5 U	na	5 UJ	5 U	5 U	5 U
Chloride	mg/l		250	49.7	na	109	110	102	105
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8.65	8.7	7.57	8.11	7.6	8.08
Sulfate	mg/l		250	38.4	na	37.8	33.3	41	34.6
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			19.6	21.9	17.4	19.7	19.3	19.8
Total Organic Carbon	mg/l			0.91 J	2.1	1 U	0.66 J	0.51 J	0.67 J
Metals, Dissolved									
Calcium	mg/l			na	na	78.7	na	76.8	na
Calcium	ug/l			32900	na	na	81600	na	73500
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	17.7	na	17.9	na
Magnesium	ug/l	35000		5650	na	na	17800	na	16300
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	1.3 U	na	1.9	na
Potassium	ug/l			3160 J	na	na	1320 J	na	1390 J
Sodium	mg/l		20	na	na	56.7	na	53.5	na
Sodium	ug/l		20000	41400	na	na	59700	na	51700
Metals, Total									
Aluminum	mg/l			na	0.231 J	0.54	na	0.2 U	na
Antimony	mg/l		0.003	na	0.0077 U	0.02 U	na	0.02 U	na
Arsenic	mg/l		0.025	na	0.0097 U	0.015 U	na	0.015 U	na
Barium	mg/l		1	na	0.395	0.42	na	0.34	na
Beryllium	mg/l	0.003		na	0.00067 U	0.002 U	na	0.002 U	na
Cadmium	mg/l		0.005	na	0.00049 U	0.002 U	na	0.002 U	na
Calcium	mg/l			na	81.7	80.7	na	77.5	na
Chromium, Total	mg/l		0.05	na	0.0022 J	0.004 U	na	0.0015 J	na
Cobalt	mg/l			na	0.0019 U	0.004 U	na	0.004 U	na
Copper	mg/l		0.2	na	0.0041 U	0.01 U	na	0.01 U	na
Iron	mg/l		0.3	na	0.357 J	0.63	na	0.5	na
Lead	mg/l		0.025	na	0.0062 U	0.01 U	na	0.01 U	na
Magnesium	mg/l	35		na	18.5 J	18.3	na	17.8	na
Manganese	mg/l		0.3	na	0.386	0.43	na	0.43	na
Nickel	mg/l		0.1	na	0.0028 U	0.01 U	na	0.01 U	na
Potassium	mg/l			na	1.7	1.4	na	1.9	na
Selenium	mg/l		0.01	na	0.0097 U	0.025 U	na	0.025 U	na
Silver	mg/l		0.05	na	0.0019 U	0.006 U	na	0.006 U	na
Sodium	mg/l		20	na	56.3 J	57.5	na	53.9	na
Thallium	mg/l	0.0005		na	0.0094 U	0.02 U	na	0.02 U	na
Vanadium	mg/l			na	0.0016 U	0.005 U	na	0.005 U	na
Zinc	mg/l	2		na	0.0054 U	0.01 U	na	0.01 U	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.98	na	0.2 U	0.2 U	0.1 J	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-004B JS-MW-004B(12102020)-B5 2020-12-10 460-224806-10 WG N Y	JS-MW-004C JS-MW-004C(01102017) 2017-01-10 8781874 WG N Y	JS-MW-004C JS-MW-004C(10222019)-B1 2019-01-22 480-161398-1 WG N Y	JS-MW-004C JS-MW-004C(12092020)-B5 2020-12-09 460-224751-17 WG N Y	JS-MW-004D JS-MW-004D(10222019)-B1 2019-10-22 480-161498-11 WG N Y	JS-MW-004D JS-MW-004D(12092020)-B5 2020-12-09 460-224751-16 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1.1	0.5 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	92	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	9.4	0.5 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	3 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		5 U	6 U	10 U	5 U	10 U	5 U
Benzene	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	1 U	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	2 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	1 U	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	0.5 U	na	na	na	na
Methyl Acetate	ug/l			5 U	1 U	2.5 U	5 U	2.5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	3 U	10 U	5 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	2 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
N-Propylbenzene	ug/l		50	na	1 U	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	0.5 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	2.8	0.5 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	0.78 J	0.5 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	0.5 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-005A JS-MW-005A(01042017) 2017-01-04 8776549 WG N Y	JS-MW-005A DUP (05022018)-20180502 2018-05-02 480-135361-3 WG FD Y	JS-MW-005A DUP(05022018) 2018-05-02 018PE06 WG FD N	JS-MW-005A JS-MW-005A (05022018) 2018-05-02 R1804103-001 WG N Y	JS-MW-005A JS-MW-005A (05022018)-20180502 2018-05-02 480-135361-2 WG N Y	JS-MW-005A JS-MW-005A(05022018) 2018-05-02 018PE05 WG N N
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.00005 U	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	7.5 U	na	na	7.5 U	na
Ethene	ug/l			na	7 U	na	na	7 U	na
Methane	ug/l			na	4 U	na	na	4 U	na
Nitrogen, Nitrate (As N)	mg/l		10	na	0.58	na	na	0.58	na
Nitrogen, Nitrite	mg/l		0.02	na	0.05 U	na	na	0.05 U	na
pH	ph units		8.5	7.4	na	na	na	na	na
Sulfate	mg/l		250	na	5 U	na	na	5 U	na
Sulfide	mg/l			na	1 U	na	na	1 U	na
Temperature	deg c			22.1	na	na	na	na	na
Total Organic Carbon	mg/l			1.7	1.2 J	na	na	1.3 J	na
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	0.05 U	na	na	0.05 U	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	0.003 U	na	na	0.003 U	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.0978 J	na	na	na	na	na
Antimony	mg/l		0.003	0.0077 U	na	na	na	na	na
Arsenic	mg/l		0.025	0.0097 U	na	na	na	na	na
Barium	mg/l		1	0.0125	na	na	na	na	na
Beryllium	mg/l	0.003		0.00067 U	na	na	na	na	na
Cadmium	mg/l		0.005	0.00049 U	na	na	na	na	na
Calcium	mg/l			24	na	na	na	na	na
Chromium, Total	mg/l		0.05	0.0018 U	na	na	na	na	na
Cobalt	mg/l			0.0019 U	na	na	na	na	na
Copper	mg/l		0.2	0.0041 U	na	na	na	na	na
Iron	mg/l		0.3	0.111 J	0.05 U	na	na	0.05 U	na
Lead	mg/l		0.025	0.0062 U	na	na	na	na	na
Magnesium	mg/l	35		4.76	na	na	na	na	na
Manganese	mg/l		0.3	0.0177	0.003 U	na	na	0.003 U	na
Nickel	mg/l		0.1	0.0028 U	na	na	na	na	na
Potassium	mg/l			1.84 J	na	na	na	na	na
Selenium	mg/l		0.01	0.0097 U	na	na	na	na	na
Silver	mg/l		0.05	0.0019 U	na	na	na	na	na
Sodium	mg/l		20	28.9	na	na	na	na	na
Thallium	mg/l	0.0005		0.0094 U	na	na	na	na	na
Vanadium	mg/l			0.0016 U	na	na	na	na	na
Zinc	mg/l	2		0.0054 U	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	0.5	na	na	0.5
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	5	na	na	5
Dehalococcoides	Cells/mL			na	na	0.5	na	na	0.5
Methane Oxidizing Bacteria	Cells/mL			na	na	5	na	na	196
Soluble Methane Monooxygenase	Cells/mL			na	na	5	na	na	5
TCEA Reductase	Cells/mL			na	na	0.5	na	na	0.5
Vinyl Chloride Reductase	Cells/mL			na	na	0.5	na	na	0.5
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-005A JS-MW-005A(01042017) 2017-01-04 8776549 WG N Y	JS-MW-005A DUP (05022018)-20180502 2018-05-02 480-135361-3 WG FD Y	JS-MW-005A DUP(05022018) 2018-05-02 018PE06 WG FD N	JS-MW-005A JS-MW-005A (05022018) 2018-05-02 R1804103-001 WG N Y	JS-MW-005A JS-MW-005A (05022018)-20180502 2018-05-02 480-135361-2 WG N Y	JS-MW-005A JS-MW-005A(05022018) 2018-05-02 018PE05 WG N N
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	0.5 U	1 U	na	na	1 U	na
1,1,2,2-Tetrachloroethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	1 U	na	na	1 U	na
1,1,2-Trichloroethane	ug/l		1	0.5 U	1 U	na	na	1 U	na
1,1-Dichloroethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
1,1-Dichloroethene	ug/l		5	0.5 U	1 U	na	na	1 U	na
1,2,3-Trichlorobenzene	ug/l		5	1 U	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	na	na	1 U	na
1,2,4-Trimethylbenzene	ug/l		5	1 U	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	1 U	na	na	1 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	0.5 U	1 U	na	na	1 U	na
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	na	na	1 U	na
1,2-Dichloroethane	ug/l		0.6	0.5 U	1 U	na	na	1 U	na
1,2-Dichloropropane	ug/l		1	0.5 U	1 U	na	na	1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	1 U	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	na	na	1 U	na
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	na	na	1 U	na
2-Hexanone	ug/l	50		3 U	5 U	na	na	5 U	na
Acetone	ug/l	50		6 U	10 UJ	na	na	10 UJ	na
Benzene	ug/l		1	0.5 U	1 U	na	na	1 U	na
Bromochloromethane	ug/l		5	1 U	na	na	na	na	na
Bromodichloromethane	ug/l	50		0.5 U	1 U	na	na	1 U	na
Bromoform	ug/l	50		0.5 U	1 U	na	na	1 U	na
Bromomethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
Carbon Disulfide	ug/l	60		1 U	1 U	na	na	1 U	na
Carbon Tetrachloride	ug/l		5	0.5 U	1 U	na	na	1 U	na
Chlorobenzene	ug/l		5	0.5 U	1 U	na	na	1 U	na
Chloroethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
Chloroform	ug/l		7	0.5 U	1 U	na	na	1 U	na
Chloromethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
Cis-1,2-Dichloroethylene	ug/l		5	0.5 U	1 U	na	na	1 U	na
Cis-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	na	na	1 U	na
Cyclohexane	ug/l			2 U	1 U	na	na	1 U	na
Cymene	ug/l		5	1 U	na	na	na	na	na
Dibromochloromethane	ug/l	50		0.5 U	1 U	na	na	1 U	na
Dichlorodifluoromethane	ug/l		5	0.5 U	1 U	na	na	1 U	na
Ethylbenzene	ug/l		5	0.5 U	1 U	na	na	1 U	na
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	na	na	1 U	na
m,p-Xylene	ug/l		5	0.5 U	na	na	na	na	na
Methyl Acetate	ug/l			1 U	2.5 U	na	na	2.5 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		3 U	10 U	na	na	10 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			3 U	5 U	na	na	5 U	na
Methylcyclohexane	ug/l			1 U	1 U	na	na	1 U	na
Methylene Chloride	ug/l		5	2 U	1 U	na	na	1 U	na
N-Butylbenzene	ug/l		5	1 U	na	na	na	na	na
N-Propylbenzene	ug/l		50	1 U	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	0.5 U	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	1 U	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	na	na	1 U	na
T-Butylbenzene	ug/l		5	1 U	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		0.5 U	1 U	na	na	1 U	na
Tetrachloroethylene (PCE)	ug/l		5	0.5 U	1 U	na	na	1 U	na
Toluene	ug/l		5	0.5 U	1 U	na	na	1 U	na
Trans-1,2-Dichloroethene	ug/l		5	0.5 U	1 U	na	na	1 U	na
Trans-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	na	na	1 U	na
Trichloroethylene (TCE)	ug/l		5	0.5 U	1 U	na	na	1 U	na
Trichlorofluoromethane	ug/l		5	0.5 UJ	1 U	na	na	1 U	na
Vinyl Chloride	ug/l		2	0.5 U	1 U	na	na	1 U	na
Xylenes	ug/l		5	0.5 U	2 U	na	na	2 U	na

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-005A JS-MW-005A(10232019)-B2 2019-10-23 480-161621-9 WG N Y	JS-MW-005A JS-MW-005A(12092020)-B3 2020-12-09 460-224751-13 WG N Y	JS-TMW-018 JS-TMW-018(05162018)-20180516 2018-05-16 480-136120-1 WG N Y	JS-TMW-030 JS-TMW-030(05242018)-20180524 2018-05-24 480-136519-1 WG N Y	JS-TMW-033 JS-TMW-033(05162018)-20180516 2018-05-16 480-136120-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007	0.0002 U	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	5 U	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	76.1	na	na	na
Bicarbonate	mg/l			84	76.1	na	na	na
Carbonate	mg/l			5 U	5 U	na	na	na
Chloride	mg/l		250	37	39.8	na	na	na
Ethane	ug/l			na	na	na	na	na
Ethene	ug/l			na	na	na	na	na
Methane	ug/l			na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na
pH	ph units		8.5	7.36	7.8	7.74	7.77	7.79
Sulfate	mg/l		250	13.3	11.9	na	na	na
Sulfide	mg/l			na	na	na	na	na
Temperature	deg c			18.3	19.6	20.8	21.7	20.7
Total Organic Carbon	mg/l			1.6 J	1.6	2.3 J	3 J	8.6
Metals, Dissolved								
Calcium	mg/l			26	na	na	na	na
Calcium	ug/l			na	24800	na	na	na
Iron	mg/l		0.3	na	na	na	na	na
Magnesium	mg/l	35		4.5	na	na	na	na
Magnesium	ug/l	35000		na	4710 J	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na
Potassium	mg/l			1.9	na	na	na	na
Potassium	ug/l			na	1790 J	na	na	na
Sodium	mg/l		20	29	na	na	na	na
Sodium	ug/l		20000	na	25700	na	na	na
Metals, Total								
Aluminum	mg/l			0.2 U	na	na	na	na
Antimony	mg/l		0.003	0.02 U	na	na	na	na
Arsenic	mg/l		0.025	0.015 U	na	na	na	na
Barium	mg/l		1	0.015	na	na	na	na
Beryllium	mg/l	0.003		0.002 U	na	na	na	na
Cadmium	mg/l		0.005	0.002 U	na	na	na	na
Calcium	mg/l			26.8	na	na	na	na
Chromium, Total	mg/l		0.05	0.004 U	na	na	na	na
Cobalt	mg/l			0.004 U	na	na	na	na
Copper	mg/l		0.2	0.0019 J	na	na	na	na
Iron	mg/l		0.3	0.05 U	na	na	na	na
Lead	mg/l		0.025	0.01 U	na	na	na	na
Magnesium	mg/l	35		4.8	na	na	na	na
Manganese	mg/l		0.3	0.003 U	na	na	na	na
Nickel	mg/l		0.1	0.01 U	na	na	na	na
Potassium	mg/l			1.8	na	na	na	na
Selenium	mg/l		0.01	0.025 U	na	na	na	na
Silver	mg/l		0.05	0.006 U	na	na	na	na
Sodium	mg/l		20	29.9	na	na	na	na
Thallium	mg/l	0.0005		0.02 U	na	na	na	na
Vanadium	mg/l			0.005 U	na	na	na	na
Zinc	mg/l	2		0.01 U	na	na	na	na
Other								
BVCA Reductase	Cells/mL			na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na
Pesticides								
Aldrin	ug/l			na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.21 U	0.2 U	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-MW-005A JS-MW-005A(10232019)-B2 2019-10-23 480-161621-9 WG N Y	JS-MW-005A JS-MW-005A(12092020)-B3 2020-12-09 460-224751-13 WG N Y	JS-TMW-018 JS-TMW-018(05162018)-20180516 2018-05-16 480-136120-1 WG N Y	JS-TMW-030 JS-TMW-030(05242018)-20180524 2018-05-24 480-136519-1 WG N Y	JS-TMW-033 JS-TMW-033(05162018)-20180516 2018-05-16 480-136120-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na
VOCS								
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	500 U	40000 UJ	20000 UJ
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	500 U	40000 U	20000 UJ
1,1-Dichloroethane	ug/l		5	1 U	1 U	460 J	40000 U	20000 UJ
1,1-Dichloroethene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	500 U	40000 U	20000 UJ
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	500 U	40000 U	20000 UJ
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	500 U	40000 U	20000 UJ
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	500 U	40000 U	20000 UJ
1,2-Dichloropropane	ug/l		1	1 U	1 U	500 U	40000 U	20000 UJ
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	500 U	40000 U	20000 UJ
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	500 U	40000 U	20000 UJ
2-Hexanone	ug/l	50		5 U	5 U	2500 U	200000 U	100000 UJ
Acetone	ug/l	50		10 U	5 U	5000 U	400000 U	200000 UJ
Benzene	ug/l		1	1 U	1 U	500 U	40000 U	20000 UJ
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	500 U	40000 U	20000 UJ
Bromoform	ug/l	50		1 U	1 U	500 U	40000 U	20000 UJ
Bromomethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Carbon Disulfide	ug/l	60		1 U	1 U	500 U	40000 U	20000 UJ
Carbon Tetrachloride	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Chlorobenzene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Chloroethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Chloroform	ug/l		7	1 U	1 U	500 U	40000 U	20000 UJ
Chloromethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	500 U	40000 U	20000 UJ
Cyclohexane	ug/l			1 U	1 U	500 U	40000 UJ	20000 UJ
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	500 U	40000 U	20000 UJ
Dichlorodifluoromethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Ethylbenzene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	5 U	1300 U	100000 U	50000 UJ
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	5 U	5000 U	400000 U	200000 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	2500 U	200000 U	100000 UJ
Methylcyclohexane	ug/l			1 U	1 U	500 U	40000 UJ	20000 UJ
Methylene Chloride	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	500 U	40000 U	20000 UJ
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Toluene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	500 U	40000 U	20000 UJ
Trichloroethylene (TCE)	ug/l		5	1 U	13	20000	1600000	1400000 J
Trichlorofluoromethane	ug/l		5	1 U	1 U	500 U	40000 U	20000 UJ
Vinyl Chloride	ug/l		2	1 U	1 U	500 U	40000 U	20000 UJ
Xylenes	ug/l		5	2 U	2 U	1000 U	80000 U	40000 UJ

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-035 JS-TMW-035(05242018)-20180524 2018-05-24 480-136519-2 WG N Y	JS-TMW-036 JS-TMW-036(05172018)-20180517 2018-05-17 480-136207-1 WG N Y	JS-TMW-037 JS-TMW-037(05162018)-20180516 2018-05-16 480-136016-7 WG N Y	JS-TMW-038 JS-TMW-038(05162018)-20180516 2018-05-16 480-136016-8 WG N Y	JS-TMW-039 DUP(05152018)-20180515 2018-05-15 480-136016-6 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na
Ethane	ug/l			na	na	na	na	na
Ethene	ug/l			na	na	na	na	na
Methane	ug/l			na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na
pH	ph units		8.5	7.83	7.69	7.75	7.88	9.31
Sulfate	mg/l		250	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na
Temperature	deg c			21.7	19.7	na	na	na
Total Organic Carbon	mg/l			5.9	7	12.1	6.3	4.7 J
Metals, Dissolved								
Calcium	mg/l			na	na	na	na	na
Calcium	ug/l			na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na
Potassium	ug/l			na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na
Metals, Total								
Aluminum	mg/l			na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na
Other								
BVCA Reductase	Cells/mL			na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na
Pesticides								
Aldrin	ug/l			na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-035 JS-TMW-035(05242018)-20180524 2018-05-24 480-136519-2 WG N Y	JS-TMW-036 JS-TMW-036(05172018)-20180517 2018-05-17 480-136207-1 WG N Y	JS-TMW-037 JS-TMW-037(05162018)-20180516 2018-05-16 480-136016-7 WG N Y	JS-TMW-038 JS-TMW-038(05162018)-20180516 2018-05-16 480-136016-8 WG N Y	JS-TMW-039 DUP(05152018)-20180515 2018-05-15 480-136016-6 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na
VOCS								
1,1,1-Trichloroethane (TCA)	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,1,2,2-Tetrachloroethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,1,2-Trichloroethane	ug/l		1	1000 U	4000 U	4000 U	20000 U	40000 U
1,1-Dichloroethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,1-Dichloroethene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1000 U	4000 U	4000 U	20000 U	40000 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1000 U	4000 U	4000 U	20000 U	40000 U
1,2-Dichlorobenzene	ug/l		3	1000 U	4000 U	4000 U	20000 U	40000 U
1,2-Dichloroethane	ug/l		0.6	1000 U	4000 U	4000 U	20000 U	40000 U
1,2-Dichloropropane	ug/l		1	1000 U	4000 U	4000 U	20000 U	40000 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1000 U	4000 U	4000 U	20000 U	40000 U
1,4-Dichlorobenzene	ug/l		3	1000 U	4000 U	4000 U	20000 U	40000 U
2-Hexanone	ug/l	50		5000 U	20000 U	20000 U	100000 U	200000 U
Acetone	ug/l	50		10000 U	40000 U	40000 U	200000 U	400000 U
Benzene	ug/l		1	1000 U	4000 U	4000 U	20000 U	40000 U
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		1000 U	4000 U	4000 U	20000 U	40000 U
Bromoform	ug/l	50		1000 U	4000 U	4000 U	20000 U	40000 U
Bromomethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Carbon Disulfide	ug/l	60		1000 U	4000 U	4000 U	20000 U	40000 U
Carbon Tetrachloride	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Chlorobenzene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Chloroethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Chloroform	ug/l		7	1000 U	4000 U	4000 U	20000 U	40000 U
Chloromethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Cis-1,2-Dichloroethylene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Cis-1,3-Dichloropropene	ug/l		0.4	1000 U	4000 U	4000 U	20000 U	40000 U
Cyclohexane	ug/l			1000 UJ	4000 U	4000 U	20000 U	40000 U
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		1000 U	4000 U	4000 U	20000 U	40000 U
Dichlorodifluoromethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Ethylbenzene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Isopropylbenzene (Cumene)	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			2500 U	10000 U	10000 U	50000 U	100000 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10000 U	40000 U	40000 U	200000 U	400000 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5000 U	20000 U	20000 U	100000 U	200000 U
Methylcyclohexane	ug/l			1000 U	4000 U	4000 U	20000 U	40000 U
Methylene Chloride	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1000 U	4000 U	4000 U	20000 U	40000 U
Tetrachloroethylene (PCE)	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Toluene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Trans-1,2-Dichloroethene	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Trans-1,3-Dichloropropene	ug/l		0.4	1000 U	4000 U	4000 U	20000 U	40000 U
Trichloroethylene (TCE)	ug/l		5	210000	200000	200000	1000000	1800000
Trichlorofluoromethane	ug/l		5	1000 U	4000 U	4000 U	20000 U	40000 U
Vinyl Chloride	ug/l		2	1000 U	4000 U	4000 U	20000 U	40000 U
Xylenes	ug/l		5	2000 U	8000 U	8000 U	40000 U	80000 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-039 JS-TMW-039(05152018)-20180515 2018-05-15 480-136016-4 WG N Y	JS-TMW-044 JS-TMW-044(05152018)-20180515 2018-05-15 480-136016-5 WG N Y	JS-TMW-049 JS-TMW-049(05152018)-20180515 2018-05-15 480-136016-3 WG N Y	JS-TMW-050 JS-TMW-050(05142018)-20180514 2018-05-14 480-136016-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
(None)							
Mercury	mg/l		0.0007	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na
General Chemistry							
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na
Bicarbonate	mg/l			na	na	na	na
Carbonate	mg/l			na	na	na	na
Chloride	mg/l		250	na	na	na	na
Ethane	ug/l			na	na	na	na
Ethene	ug/l			na	na	na	na
Methane	ug/l			na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na
pH	ph units		8.5	9.1	7.57	7.74	7.35
Sulfate	mg/l		250	na	na	na	na
Sulfide	mg/l			na	na	na	na
Temperature	deg c			na	na	na	na
Total Organic Carbon	mg/l			20 U	1.7 J	1.6 J	1.6 J
Metals, Dissolved							
Calcium	mg/l			na	na	na	na
Calcium	ug/l			na	na	na	na
Iron	mg/l		0.3	na	na	na	na
Magnesium	mg/l	35		na	na	na	na
Magnesium	ug/l	35000		na	na	na	na
Manganese	mg/l		0.3	na	na	na	na
Potassium	mg/l			na	na	na	na
Potassium	ug/l			na	na	na	na
Sodium	mg/l		20	na	na	na	na
Sodium	ug/l		20000	na	na	na	na
Metals, Total							
Aluminum	mg/l			na	na	na	na
Antimony	mg/l		0.003	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na
Barium	mg/l		1	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na
Calcium	mg/l			na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na
Cobalt	mg/l			na	na	na	na
Copper	mg/l		0.2	na	na	na	na
Iron	mg/l		0.3	na	na	na	na
Lead	mg/l		0.025	na	na	na	na
Magnesium	mg/l	35		na	na	na	na
Manganese	mg/l		0.3	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na
Potassium	mg/l			na	na	na	na
Selenium	mg/l		0.01	na	na	na	na
Silver	mg/l		0.05	na	na	na	na
Sodium	mg/l		20	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na
Vanadium	mg/l			na	na	na	na
Zinc	mg/l	2		na	na	na	na
Other							
BVCA Reductase	Cells/mL			na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na
PCBs							
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na
Pesticides							
Aldrin	ug/l			na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na
cis-Chlordane	ug/l			na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na
Endrin	ug/l		0	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na
SVOCs							
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na
Acetophenone	ug/l			na	na	na	na
Anthracene	ug/l	50		na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-039 JS-TMW-039(05152018)-20180515 2018-05-15 480-136016-4 WG N Y	JS-TMW-044 JS-TMW-044(05152018)-20180515 2018-05-15 480-136016-5 WG N Y	JS-TMW-049 JS-TMW-049(05152018)-20180515 2018-05-15 480-136016-3 WG N Y	JS-TMW-050 JS-TMW-050(05142018)-20180514 2018-05-14 480-136016-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
Benzo(G,H,I)Perylene	ug/l			na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na
Caprolactam	ug/l			na	na	na	na
Carbazole	ug/l			na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na
Dibenzofuran	ug/l			na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na
Fluorene	ug/l	50		na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na
Isophorone	ug/l	50		na	na	na	na
Naphthalene	ug/l	10		na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na
Phenol	ug/l		1	na	na	na	na
Pyrene	ug/l	50		na	na	na	na
VOCs							
1,1,1-Trichloroethane (TCA)	ug/l		5	40000 U	130	400 U	8 U
1,1,2,2-Tetrachloroethane	ug/l		5	40000 U	40 U	400 U	8 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	40000 U	40 U	400 U	8 U
1,1,2-Trichloroethane	ug/l		1	40000 U	40 U	400 U	8 U
1,1-Dichloroethane	ug/l		5	40000 U	200	400 U	8 U
1,1-Dichloroethene	ug/l		5	40000 U	40 U	400 U	8 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	40000 U	40 U	400 U	8 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	40000 U	40 U	400 U	8 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	40000 U	40 U	400 U	8 U
1,2-Dichlorobenzene	ug/l		3	40000 U	40 U	400 U	8 U
1,2-Dichloroethane	ug/l		0.6	40000 U	40 U	400 U	8 U
1,2-Dichloropropane	ug/l		1	40000 U	40 U	400 U	8 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	40000 U	40 U	400 U	8 U
1,4-Dichlorobenzene	ug/l		3	40000 U	40 U	400 U	8 U
2-Hexanone	ug/l	50		200000 U	200 U	2000 U	40 U
Acetone	ug/l	50		400000 U	400 U	4000 U	80 U
Benzene	ug/l		1	40000 U	40 U	400 U	8 U
Bromochloromethane	ug/l		5	na	na	na	na
Bromodichloromethane	ug/l	50		40000 U	40 U	400 U	8 U
Bromoform	ug/l	50		40000 U	40 U	400 U	8 U
Bromomethane	ug/l		5	40000 U	40 U	400 U	8 U
Carbon Disulfide	ug/l	60		40000 U	40 U	400 U	8 U
Carbon Tetrachloride	ug/l		5	40000 U	40 U	400 U	8 U
Chlorobenzene	ug/l		5	40000 U	40 U	400 U	8 U
Chloroethane	ug/l		5	40000 U	40 U	400 U	8 U
Chloroform	ug/l		7	40000 U	40 U	400 U	8 U
Chloromethane	ug/l		5	40000 U	40 U	400 U	8 U
Cis-1,2-Dichloroethylene	ug/l		5	40000 U	40 U	400 U	24
Cis-1,3-Dichloropropene	ug/l		0.4	40000 U	40 U	400 U	8 U
Cyclohexane	ug/l			40000 U	40 U	400 U	8 U
Cymene	ug/l		5	na	na	na	na
Dibromochloromethane	ug/l	50		40000 U	40 U	400 U	8 U
Dichlorodifluoromethane	ug/l		5	40000 U	40 U	400 U	8 U
Ethylbenzene	ug/l		5	40000 U	40 U	400 U	8 U
Isopropylbenzene (Cumene)	ug/l		5	40000 U	40 U	400 U	8 U
m,p-Xylene	ug/l		5	na	na	na	na
Methyl Acetate	ug/l			100000 U	100 U	1000 U	20 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		400000 U	400 U	4000 U	80 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			200000 U	200 U	2000 U	40 U
Methylcyclohexane	ug/l			40000 U	40 U	400 U	8 U
Methylene Chloride	ug/l		5	40000 U	40 U	400 U	8 U
N-Butylbenzene	ug/l		5	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na
Styrene	ug/l		5	40000 U	40 U	400 U	8 U
T-Butylbenzene	ug/l		5	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		40000 U	40 U	400 U	8 U
Tetrachloroethylene (PCE)	ug/l		5	40000 U	40 U	400 U	8 U
Toluene	ug/l		5	40000 U	40 U	400 U	8 U
Trans-1,2-Dichloroethene	ug/l		5	40000 U	40 U	400 U	8 U
Trans-1,3-Dichloropropene	ug/l		0.4	40000 U	40 U	400 U	8 U
Trichloroethylene (TCE)	ug/l		5	1900000	2100 J	18000	480
Trichlorofluoromethane	ug/l		5	40000 U	40 U	400 U	8 U
Vinyl Chloride	ug/l		2	40000 U	40 U	400 U	8 U
Xylenes	ug/l		5	80000 U	80 U	800 U	16 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-053 JS-TMW-053(05152018)-20180515 2018-05-15 480-136016-2 WG N Y	JS-TMW-062 JS-TMW-062(10222019)-B1 2019-10-22 480-161498-14 WG N Y	JS-TMW-063 JS-TMW-063(10222019)-B1 2019-10-22 480-161398-4 WG N Y	JS-TMW-064 JS-TMW-064(10222019)-B1 2019-10-22 480-161398-5 WG N Y	JS-TMW-065 JS-TMW-065(10222019)-B1 2019-10-22 480-161498-15 WG N Y	JS-TMW-066 DUP(10232019)-B2 2019-10-23 480-161498-19 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.75	7.31	6.95	6.98	7.03	7.03
Sulfate	mg/l		250	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	18	16	16.2	18.8	18.6
Total Organic Carbon	mg/l			14.7	1.6	1.1	1.2	1.5	1.3
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.61	0.2 U	0.2 U	0.25	6.2 J
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-053 JS-TMW-053(05152018)-20180515 2018-05-15 480-136016-2 WG N Y	JS-TMW-062 JS-TMW-062(10222019)-B1 2019-10-22 480-161498-14 WG N Y	JS-TMW-063 JS-TMW-063(10222019)-B1 2019-10-22 480-161398-4 WG N Y	JS-TMW-064 JS-TMW-064(10222019)-B1 2019-10-22 480-161398-5 WG N Y	JS-TMW-065 JS-TMW-065(10222019)-B1 2019-10-22 480-161498-15 WG N Y	JS-TMW-066 DUP(10232019)-B2 2019-10-23 480-161498-19 WG FD Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	4000 U	5	1 U	1 U	1 U	5.6
1,1,2,2-Tetrachloroethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	4000 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	4000 U	0.62 J	1 U	1 U	1 U	0.54 J
1,1-Dichloroethene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	4000 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	4000 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	4000 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	4000 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	4000 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	4000 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	4000 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		20000 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		40000 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/l		1	4000 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		4000 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		4000 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		4000 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	4000 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	4000 U	3.1	1 U	1 U	1	4.5
Cis-1,3-Dichloropropene	ug/l		0.4	4000 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			4000 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		4000 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			10000 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		40000 U	10 U	10 U	10 U	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			20000 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			4000 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		4000 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	4000 U	1.5	1.2	1 U	0.56 J	1 U
Toluene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	4000 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	160000	58	4.7	1.8	21	57 J
Trichlorofluoromethane	ug/l		5	4000 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	4000 U	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	8000 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-066 JS-TMW-066(10232019)-B2 2019-10-23 480-161498-17 WG N Y	JS-TMW-067 JS-TMW-067(10232019)-B2 2019-10-23 480-161498-18 WG N Y	JS-TMW-068 JS-TMW-068(10222019)-B1 2019-10-22 480-161498-16 WG N Y	OS-MW-024A OS-MW-024A(10112019) 2019-10-11 480-160865-1 WG N Y	OS-MW-024A OS-MW-024A(12172019)-B6 2019-12-17 480-164415-12 WG N Y	OS-MW-024A OS-MW-024A(06242020)-B6 2020-06-24 460-211844-12 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	na	na	na
Carbonate	mg/l			na	na	na	na	na	na
Chloride	mg/l		250	na	na	na	na	na	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.05	6.99	6.92	na	na	na
Sulfate	mg/l		250	na	na	na	na	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			18.9	18.6	19.3	na	na	na
Total Organic Carbon	mg/l			2.2	1.3	1.5	na	na	na
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.71	5.7 J	4.9	na	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				JS-TMW-066 JS-TMW-066(10232019)-B2 2019-10-23 480-161498-17 WG N Y	JS-TMW-067 JS-TMW-067(10232019)-B2 2019-10-23 480-161498-18 WG N Y	JS-TMW-068 JS-TMW-068(10222019)-B1 2019-10-22 480-161498-16 WG N Y	OS-MW-024A OS-MW-024A(10112019) 2019-10-11 480-160865-1 WG N Y	OS-MW-024A OS-MW-024A(12172019)-B6 2019-12-17 480-164415-12 WG N Y	OS-MW-024A OS-MW-024A(06242020)-B6 2020-06-24 460-211844-12 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	3.7 J	5.6	61	0.88 J	1 U	0.68 J
1,1,2,2-Tetrachloroethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	4 U	1 U	4 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	4 U	0.55 J	4 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	4 U	1 U	4 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	4 U	1 U	4 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	4 U	1 U	4 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	4 U	1 U	4 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	4 U	1 U	4 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	4 U	1 U	4 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	4 U	1 U	4 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		20 U	5 U	20 U	5 U	5 U	5 U
Acetone	ug/l	50		40 U	10 U	40 U	10 U	10 U	5 U
Benzene	ug/l		1	4 U	1 U	4 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		4 U	1 U	4 U	1 U	1 U	1 U
Bromoform	ug/l	50		4 U	1 U	4 U	1 U	1 U	1 U
Bromomethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		4 U	1 U	4 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 UJ
Chlorobenzene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Chloroethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Chloroform	ug/l		7	4 U	1 U	4 U	1 U	1 U	1 U
Chloromethane	ug/l		5	4 U	1 U	4 U	0.48 J	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	11	4.3	7.5	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	4 U	1 U	4 U	1 U	1 U	1 U
Cyclohexane	ug/l			4 U	1 U	4 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		4 U	1 U	4 U	1 U	1 UJ	1 U
Dichlorodifluoromethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			10 U	2.5 U	10 U	2.5 U	2.5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		40 U	10 U	40 U	10 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			20 U	5 U	20 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			4 U	1 U	4 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		4 U	1 U	4 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Toluene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	4 U	1 U	4 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	120 J	56	130	4.9	3.9	3.8
Trichlorofluoromethane	ug/l		5	4 U	1 U	4 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	4 U	1 U	4 U	1 U	1 U	1 U
Xylenes	ug/l		5	8 U	2 U	8 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-024B OS-MW-024B(01062017) 8776973 WG N Y	OS-MW-024B OS-MW-024B(10232019)-B2 2019-10-23 480-161498-1 WG N Y	OS-MW-024BR OS-MW-24BR(10232019)-B1 2019-10-23 480-161621-6 WG N Y	OS-MW-025A OS-MW-025A(01062017) 2017-01-06 8776964 WG N Y	OS-MW-025A OS-MW-025A (10102019) 2019-10-10 480-160747-11 WG N Y	OS-MW-025A OS-MW-025A(10242019)-B2 2019-10-24 480-161634-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.00005 U	0.0002 U	0.0002 U	0.00005 U	na	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	239	55.7	na	na	181 J
Carbonate	mg/l			na	5 U	5 U	na	na	5 UJ
Chloride	mg/l		250	na	358	3.5	na	na	68.8
Ethane	ug/l			na	na	na	na	7.5 U	na
Ethene	ug/l			na	na	na	na	7 U	na
Methane	ug/l			na	na	na	na	4 U	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.6	7.39	7.75	6.9	6.86	6.94
Sulfate	mg/l		250	na	77.1	2 U	na	na	28.3
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			21.6	16.2	17.8	22	19.7	18.6
Total Organic Carbon	mg/l			1	0.53 J	1	1.2	0.75 J	0.56 J
Metals, Dissolved									
Calcium	mg/l			na	126	12.3	na	na	56.2
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l		35	na	28.1	2.9	na	na	8.6
Magnesium	ug/l		35000	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	5.4	3.1	na	na	3.5
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	158	6.5	na	na	60.2
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.117 J	0.2 U	0.2 U	0.0868 U	na	0.2 U
Antimony	mg/l		0.003	0.0077 U	0.02 U	0.02 U	0.0077 U	na	0.02 U
Arsenic	mg/l		0.025	0.0097 U	0.015 U	0.015 U	0.0097 U	na	0.015 U
Barium	mg/l		1	0.208	0.26	0.029	0.0571	na	0.052
Beryllium	mg/l		0.003	0.00067 U	0.002 U	0.002 U	0.00067 U	na	0.002 U
Cadmium	mg/l		0.005	0.00049 U	0.002 U	0.002 U	0.00049 U	na	0.002 U
Calcium	mg/l			131	128	12.4	60.5	na	57.2
Chromium, Total	mg/l		0.05	0.0018 U	0.004 U	0.004 U	0.0021 J	na	0.004 U
Cobalt	mg/l			0.0019 U	0.004 U	0.004 U	0.0019 U	na	0.004 U
Copper	mg/l		0.2	0.0041 U	0.01 U	0.01 U	0.0041 U	na	0.01 U
Iron	mg/l		0.3	0.34 J	0.35	2.6	0.0747 U	na	0.027 J
Lead	mg/l		0.025	0.0062 U	0.01 U	0.01 U	0.0062 U	na	0.01 U
Magnesium	mg/l		35	28.5	27.9	2.9	9.85	na	8.9
Manganese	mg/l		0.3	0.573	0.54	0.072	0.004 U	na	0.003 U
Nickel	mg/l		0.1	0.0028 U	0.01 U	0.01 U	0.0028 U	na	0.01 U
Potassium	mg/l			5.95 J	5.6	3	4.12 J	na	3.6
Selenium	mg/l		0.01	0.0097 U	0.025 U	0.025 U	0.0097 U	na	0.025 U
Silver	mg/l		0.05	0.0019 U	0.006 U	0.006 U	0.0019 U	na	0.006 U
Sodium	mg/l		20	141	161	6.5	90	na	62.3
Thallium	mg/l		0.0005	0.0094 U	0.02 U	0.02 U	0.0094 U	na	0.02 U
Vanadium	mg/l			0.0016 U	0.005 U	0.005 U	0.0016 U	na	0.005 U
Zinc	mg/l		2	0.0054 U	0.01 U	0.25	0.0054 U	na	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.88	0.19 U	na	na	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l			1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l			5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l			5	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l			5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l			5	na	na	na	na	na
3-Nitroaniline	ug/l			5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l			5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l			5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l		50	na	na	na	na	na	na
Atrazine	ug/l			7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l			0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na

Table 19
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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-024B OS-MW-024B(01062017) 8776973 WG N Y	OS-MW-024B OS-MW-024B(10232019)-B2 2019-10-23 480-161498-1 WG N Y	OS-MW-024BR OS-MW-24BR(10232019)-B1 2019-10-23 480-161621-6 WG N Y	OS-MW-025A OS-MW-025A(01062017) 2017-01-06 8776964 WG N Y	OS-MW-025A OS-MW-025A (10102019) 2019-10-10 480-160747-11 WG N Y	OS-MW-025A OS-MW-025A(10242019)-B2 2019-10-24 480-161634-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	10	4.2	1 U	4	1.6 J	2.6 J
1,1,2,2-Tetrachloroethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	1 U	1 U	2 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	33	24	1 U	0.5 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	17	8.9	1 U	0.5 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	1 U	na	na	1 U	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	1 U	na	na	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	1 U	1 U	2 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	0.5 U	1 U	1 U	0.5 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	0.5 U	1 U	1 U	0.5 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	1 U	na	na	1 U	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		3 U	5 U	5 U	3 U	5 U	5 U
Acetone	ug/l	50		6 U	10 U	10 U	6 U	10 U	10 U
Benzene	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Bromochloromethane	ug/l		5	1 U	na	na	1 U	na	na
Bromodichloromethane	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	1 U
Bromoform	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	1 U
Bromomethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 UJ
Chlorobenzene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Chloroethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Chloroform	ug/l		7	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Chloromethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Cyclohexane	ug/l			2 U	1 U	1 U	2 U	1 U	1 U
Cymene	ug/l		5	1 U	na	na	1 U	na	na
Dibromochloromethane	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Ethylbenzene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	0.5 U	na	na	0.5 U	na	na
Methyl Acetate	ug/l			1 U	2.5 U	2.5 U	1 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		3 U	10 U	10 U	3 U	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			3 U	5 U	5 U	3 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	2 U	1 U	1 U	2 U	1 U	1 U
N-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	na
N-Propylbenzene	ug/l		50	1 U	na	na	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	0.5 U	na	na	0.5 U	na	na
Sec-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	na
Tert-Butyl Methyl Ether	ug/l	10		0.5 U	1 U	1 U	0.5 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	0.5 U	1 U	1 U	0.7 J	0.75 J	1 U
Toluene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	1 U	0.5 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	2	8.6	1 U	4	2 J	2.6
Trichlorofluoromethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	1 UJ
Vinyl Chloride	ug/l		2	0.9 J	1 U	1 U	0.5 U	1 U	1 U
Xylenes	ug/l		5	0.5 U	2 U	2 U	0.5 U	2 U	2 U

Notes and Abbreviations
mg/L -milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	OS-MW-025A OS-MW-025A(06232020)-B2 2020-06-23 460-211844-4 WG N Y	OS-MW-025A OS-MW-025A(10212020) 2020-10-21 460-221392-12 WG N Y	OS-MW-025A OS-MW-025A (02032021) 2021-02-03 460-227796-5 WG N Y	OS-MW-025B OS-MW-025B(01092017) 2017-01-09 8779935 WG N Y	OS-MW-025B OS-MW-025B(10242019)-B2 2019-10-24 480-161634-11 WG N Y	OS-MW-025C OS-MW-025C(01062017) 2017-01-06 8776965 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	na	na	na	0.00005 U	0.0002 U	0.00005 U	
Mercury	ug/l		0.7	na	na	na	na	na	na	
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na	
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na	
Bicarbonate	mg/l			na	na	na	na	na	275 J	na
Carbonate	mg/l			na	na	na	na	na	5 UJ	na
Chloride	mg/l		250	na	na	na	na	na	123	na
Ethane	ug/l			na	na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na	na
pH	ph units		8.5	7.67	7.7	7.4	7.5	7.24	7.5	
Sulfate	mg/l		250	na	na	na	na	na	45.5	na
Sulfide	mg/l			na	na	na	na	na	na	na
Temperature	deg c			22.6	22.4	21.5	21.9	18.4	22.4	
Total Organic Carbon	mg/l			0.7 J	1 U	0.71 J	1.6	0.61 J	1.2	
Metals, Dissolved										
Calcium	mg/l			na	na	na	na	95.8	na	
Calcium	ug/l			na	na	na	na	na	na	
Iron	mg/l		0.3	na	na	na	na	na	na	
Magnesium	mg/l	35		na	na	na	na	14.3	na	
Magnesium	ug/l	35000		na	na	na	na	na	na	
Manganese	mg/l		0.3	na	na	na	na	na	na	
Potassium	mg/l			na	na	na	na	4.9	na	
Potassium	ug/l			na	na	na	na	na	na	
Sodium	mg/l		20	na	na	na	na	92.8	na	
Sodium	ug/l		20000	na	na	na	na	na	na	
Metals, Total										
Aluminum	mg/l			na	na	na	0.0868 U	0.2 U	0.67 U	
Antimony	mg/l		0.003	na	na	na	0.0077 U	0.02 U	0.0077 U	
Arsenic	mg/l		0.025	na	na	na	0.0097 U	0.015 U	0.0097 U	
Barium	mg/l		1	na	na	na	0.205	0.14	0.12	
Beryllium	mg/l	0.003		na	na	na	0.00067 U	0.002 U	0.00067 U	
Cadmium	mg/l		0.005	na	na	na	0.00083 J	0.00066 J	0.00049 U	
Calcium	mg/l			na	na	na	131	95.5	126	
Chromium, Total	mg/l		0.05	na	na	na	0.0025 J	0.004 U	0.0024 J	
Cobalt	mg/l			na	na	na	0.0019 U	0.004 U	0.0019 U	
Copper	mg/l		0.2	na	na	na	0.0041 U	0.01 U	0.0041 U	
Iron	mg/l		0.3	na	na	na	0.0747 U	0.05 U	0.964	
Lead	mg/l		0.025	na	na	na	0.0062 U	0.01 U	0.0062 U	
Magnesium	mg/l	35		na	na	na	20.1 J	14.4	27.7	
Manganese	mg/l		0.3	na	na	na	0.0183	0.003 U	0.454	
Nickel	mg/l		0.1	na	na	na	0.0035 J	0.01 U	0.0028 U	
Potassium	mg/l			na	na	na	6.02	4.9	10.2 J	
Selenium	mg/l		0.01	na	na	na	0.0097 U	0.025 U	0.0097 U	
Silver	mg/l		0.05	na	na	na	0.0019 U	0.006 U	0.0019 U	
Sodium	mg/l		20	na	na	na	153 J	93	132	
Thallium	mg/l	0.0005		na	na	na	0.0094 U	0.02 U	0.0094 U	
Vanadium	mg/l			na	na	na	0.0016 U	0.005 U	0.0016 U	
Zinc	mg/l	2		na	na	na	0.0172 J	0.01 U	0.0054 U	
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	
Cyanide	mg/l		0.2	na	na	na	na	na	na	
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na	
Dehalococcoides	Cells/mL			na	na	na	na	na	na	
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na	
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na	
TCEA Reductase	Cells/mL			na	na	na	na	na	na	
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na	
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na	
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na	
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na	
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na	
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na	
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na	
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na	
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na	
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na	
Pesticides										
Aldrin	ug/l			na	na	na	na	na	na	
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na	
Alpha Endosulfan	ug/l			na	na	na	na	na	na	
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	
Beta Endosulfan	ug/l			na	na	na	na	na	na	
cis-Chlordane	ug/l			na	na	na	na	na	na	
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	
Dieldrin	ug/l		0.004	na	na	na	na	na	na	
Endosulfan Sulfate	ug/l			na	na	na	na	na	na	
Endrin	ug/l		0	na	na	na	na	na	na	
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na	
Endrin Ketone	ug/l		5	na	na	na	na	na	na	
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na	
Heptachlor	ug/l		0.04	na	na	na	na	na	na	
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na	
Methoxychlor	ug/l		35	na	na	na	na	na	na	
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na	
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na	
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na	
Toxaphene	ug/l		0.06	na	na	na	na	na	na	
trans-Chlordane	ug/l			na	na	na	na	na	na	
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na	
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	0.2 U	na	
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na	
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na	
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na	
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na	
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na	
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na	
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na	
2-Chlorophenol	ug/l			na	na	na	na	na	na	
2-Methylnaphthalene	ug/l			na	na	na	na	na	na	
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na	
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	
2-Nitrophenol	ug/l			na	na	na	na	na	na	
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na	
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na	
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na	
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	
4-Nitrophenol	ug/l			na	na	na	na	na	na	
Acenaphthene	ug/l	20	20	na	na	na	na	na	na	
Acenaphthylene	ug/l			na	na	na	na	na	na	
Acetophenone	ug/l			na	na	na	na	na	na	

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-025A OS-MW-025A(06232020)-B2 460-211844-4 WG N Y	OS-MW-025A OS-MW-025A(10212020) 2020-10-21 460-221392-12 WG N Y	OS-MW-025A OS-MW-025A (02032021) 2021-02-03 460-227796-5 WG N Y	OS-MW-025B OS-MW-025B(01092017) 2017-01-09 8779935 WG N Y	OS-MW-025B OS-MW-025B(10242019)-B2 2019-10-24 480-161634-11 WG N Y	OS-MW-025C OS-MW-025C(01062017) 2017-01-06 8776965 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	2	6.3	3.3	15	6.6 J	8
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	2 U	1 U	2 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	1 U	0.6 J	0.4 J	2
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	0.9 J	1 U	0.5 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	1 U	na	1 U
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	1 U	na	1 U
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	2 U	1 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	1 U	na	1 U
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	3 U	5 U	3 U
Acetone	ug/l	50		5 U	5 U	5 U	6 U	10 U	6 U
Benzene	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromochloromethane	ug/l		5	na	na	na	1 U	na	1 U
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromoform	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromomethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 UJ	1 U	1 U	0.5 U	1 UJ	0.5 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Chloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Chloroform	ug/l		7	1 U	1 U	1 U	0.7 J	1 U	0.5 U
Chloromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	0.6 J	1 U	0.5 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Cyclohexane	ug/l			1 U	1 U	1 U	2 U	1 U	2 U
Cymene	ug/l		5	na	na	na	1 U	na	1 U
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	0.5 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	0.5 U	na	0.5 U
Methyl Acetate	ug/l			5 U	5 U	5 U	1 U	2.5 U	1 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	3 U	10 U	3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	3 U	5 U	3 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	2 U	1 U	2 U
N-Butylbenzene	ug/l		5	na	na	na	1 U	na	1 U
N-Propylbenzene	ug/l		50	na	na	na	1 U	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	0.5 U	na	0.5 U
Sec-Butylbenzene	ug/l		5	na	na	na	1 U	na	1 U
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	1 U	na	1 U
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	0.5 U	1 U	0.5 U
Tetrachloroethylene (PCE)	ug/l		5	0.61 J	0.64 J	0.5 J	0.5 U	1 U	0.5 U
Toluene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Trichloroethylene (TCE)	ug/l		5	2	4.5	1.8	37	25 J	9
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 UJ	0.5 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	0.5 U	1 U	0.5 U
Xylenes	ug/l		5	2 U	2 U	2 U	0.5 U	2 U	0.5 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-025C OS-MW-025C(10242019)-B3 2019-10-24 480-161634-12 WG N Y	OS-MW-026A OS-MW-026A(01062017) 2017-01-06 8776968 WG N Y	OS-MW-026A DUP(12182019)-B6 2019-12-18 480-164474-7 WG FD Y	OS-MW-026A OS-MW-026A(12182019)-B6 2019-12-18 480-164474-2 WG N Y	OS-MW-026A OS-MW-026A(06242020)-B2 2020-06-24 460-211844-10 WG N Y	OS-MW-026A OS-MW-026A(10212020) 2020-10-21 460-221392-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007		0.0002 U	0.00005 U	0.0002 U	0.0002 U	na
Mercury	ug/l		0.7		na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	na	na
Bicarbonate	mg/l				273 J	na	154	152	na
Carbonate	mg/l				5 UJ	na	5 U	5 U	na
Chloride	mg/l		250		131	na	179	177	na
Ethane	ug/l				na	na	7.5 U	7.5 U	na
Ethene	ug/l				na	na	7 U	7 U	na
Methane	ug/l				na	na	4 U	4 U	na
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na	na
pH	ph units		8.5		7.31	7	7.27	7.24	7.56
Sulfate	mg/l		250		47.6	na	27.6	27.4	na
Sulfide	mg/l				na	na	na	na	na
Temperature	deg c				18.2	21.4	20.4	20.1	22.4
Total Organic Carbon	mg/l				0.65 J	1.5	1.2 J	1.4 J	0.95 J
Metals, Dissolved									
Calcium	mg/l				95	na	52.4	52.8	na
Calcium	ug/l				na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na
Magnesium	mg/l	35			14.5	na	7	7	na
Magnesium	ug/l	35000			na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na
Potassium	mg/l				5.4	na	4.2	4.2	na
Potassium	ug/l				na	na	na	na	na
Sodium	mg/l		20		92.7	na	118	120	na
Sodium	ug/l		20000		na	na	na	na	na
Metals, Total									
Aluminum	mg/l				0.2	0.0868 U	0.2 U	0.2 U	na
Antimony	mg/l		0.003		0.02 U	0.0077 U	0.02 U	0.02 U	na
Arsenic	mg/l		0.025		0.015 U	0.0097 U	0.015 U	0.015 U	na
Barium	mg/l		1		0.14	0.052	0.045	0.044	na
Beryllium	mg/l	0.003			0.002 U	0.00067 U	0.002 U	0.002 U	na
Cadmium	mg/l		0.005		0.002 U	0.00049 U	0.002 U	0.002 U	na
Calcium	mg/l				95.9	61.7	52.7		na
Chromium, Total	mg/l		0.05		0.004 U	0.0018 U	0.004 U	0.004 U	na
Cobalt	mg/l				0.004 U	0.0019 U	0.004 U	0.004 U	na
Copper	mg/l		0.2		0.01 U	0.183	0.21	0.2	na
Iron	mg/l		0.3		0.41	0.0747 U	0.05 U	0.05 U	na
Lead	mg/l		0.025		0.01 U	0.0062 U	0.01 U	0.01 U	na
Magnesium	mg/l	35			14.8	8.59	6.8	6.8	na
Manganese	mg/l		0.3		0.033 U	0.0339 U	0.013	0.014	na
Nickel	mg/l		0.1		0.0013 J	0.0028 U	0.01 U	0.01 U	na
Potassium	mg/l				5.5	4.29 J	4.1	4	na
Selenium	mg/l		0.01		0.025 U	0.0097 U	0.025 U	0.025 U	na
Silver	mg/l		0.05		0.006 U	0.0019 U	0.006 U		na
Sodium	mg/l		20		95.9	165	117	116	na
Thallium	mg/l	0.0005			0.02 U	0.0094 U	0.02 U	0.02 U	na
Vanadium	mg/l				0.005 U	0.0016 U	0.005 U	0.005 U	na
Zinc	mg/l	2			0.01 U	0.0054 U	0.01 U	0.01 U	na
Other									
BVCA Reductase	Cells/mL				na	na	na	na	na
Cyanide	mg/l		0.2		na	na	na	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	na	na	na
Pesticides									
Aldrin	ug/l				na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	na	na	na
Alpha Endosulfan	ug/l				na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na
Beta Endosulfan	ug/l				na	na	na	na	na
cis-Chlordane	ug/l				na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na	na
Dieldrin	ug/l		0.004		na	na	na	na	na
Endosulfan Sulfate	ug/l				na	na	na	na	na
Endrin	ug/l		0		na	na	na	na	na
Endrin Aldehyde	ug/l		5		na	na	na	na	na
Endrin Ketone	ug/l		5		na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	na	na	na
Heptachlor	ug/l		0.04		na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	na	na	na
Methoxychlor	ug/l		35		na	na	na	na	na
P,P'-DDD	ug/l		0.3		na	na	na	na	na
P,P'-DDE	ug/l		0.2		na	na	na	na	na
P,P'-DDT	ug/l		0.2		na	na	na	na	na
Toxaphene	ug/l		0.06		na	na	na	na	na
trans-Chlordane	ug/l				na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		0.2 U	na	0.2 U	0.2 U	na
2,3,4,6-Tetrachlorophenol	ug/l				na	na	na	na	na
2,4,5-Trichlorophenol	ug/l				na	na	na	na	na
2,4,6-Trichlorophenol	ug/l				na	na	na	na	na
2,4-Dichlorophenol	ug/l		1		na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1		na	na	na	na	na
2,4-Dinitrophenol	ug/l		1		na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	na	na	na
2-Chloronaphthalene	ug/l	10			na	na	na	na	na
2-Chlorophenol	ug/l				na	na	na	na	na
2-Methylnaphthalene	ug/l				na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	na	na	na
2-Nitroaniline	ug/l		5		na	na	na	na	na
2-Nitrophenol	ug/l				na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	na	na	na
3-Nitroaniline	ug/l		5		na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	na	na	na
4-Chloroaniline	ug/l		5		na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	na	na	na
4-Nitroaniline	ug/l		5		na	na	na	na	na
4-Nitrophenol	ug/l				na	na	na	na	na
Acenaphthene	ug/l	20	20		na	na	na	na	na
Acenaphthylene	ug/l				na	na	na	na	na
Acetophenone	ug/l				na	na	na	na	na
Anthracene	ug/l	50			na	na	na	na	na
Atrazine	ug/l		7.5		na	na	na	na	na
Benzaldehyde	ug/l				na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002			na	na	na	na	na
Benzo(A)Pyrene	ug/l		0		na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002			na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-025C OS-MW-025C(10242019)-B3 2019-10-24 480-161634-12 WG N Y	OS-MW-026A OS-MW-026A(01062017) 2017-01-06 8776968 WG N Y	OS-MW-026A DUP(12182019)-B6 2019-12-18 480-164474-7 WG FD Y	OS-MW-026A OS-MW-026A(12182019)-B6 2019-12-18 480-164474-2 WG N Y	OS-MW-026A OS-MW-026A(06242020)-B2 2020-06-24 460-211844-10 WG N Y	OS-MW-026A OS-MW-026A(10212020) 2020-10-21 460-221392-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	6.9 J	0.5 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	0.52 J	0.5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	3 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	6 U	10 U	10 U	5 U	5 U
Benzene	ug/l		1	1 U	0.5 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	1 U	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 UJ	0.5 U	1 U	1 U	1 UJ	1 U
Chlorobenzene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	0.5 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	2 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	1 U	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	0.5 U	na	na	na	na
Methyl Acetate	ug/l			2.5 U	1 U	2.5 U	2.5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	3 U	10 U	10 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	2 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
N-Propylbenzene	ug/l		50	na	1 U	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	1 U	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	0.5 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	0.5 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	25	0.5 U	1 U	1 U	0.63 J	0.53 J
Trichlorofluoromethane	ug/l		5	1 UJ	0.5 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	0.5 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	0.5 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026A OS-MW-026A (02032021) 2021-02-03 460-227796-6 WG N Y	OS-MW-026B MW-DUP-001(01062017) 2017-01-06 8776972 WG FD Y	OS-MW-026B OS-MW-026B(01062017) 2017-01-06 8776971 WG N Y	OS-MW-026B OS-MW-026B(12172019)-B1 2019-12-17 480-164474-1 WG N Y	OS-MW-026BR OS-MW-026BR(12182019)-B1 2019-12-18 480-164474-4 WG N Y	OS-MW-026C OS-MW-026C(01092017) 2017-01-09 8779940 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.00005 U	0.00005 U	0.0002 U	0.0002 U	0.00005 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	na	245	31.2	na
Carbonate	mg/l			na	na	na	5 U	5 U	na
Chloride	mg/l		250	na	na	na	195	1150	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.58	7.6	7.7	7.76	7.14	8
Sulfate	mg/l		250	na	na	na	43.2	40 U	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			21.7	22.1	21.8	20	20.3	21.7
Total Organic Carbon	mg/l			1.1	1.3	1.3	1.1	8.6	0.69 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	91.1	133	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	16.1	51.5	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	4.3	27.3	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	111	450	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	0.0868 U	0.0868 U	0.2 U	0.071 J	0.161 J
Antimony	mg/l		0.003	na	0.0077 U	0.0077 U	0.02 U	0.02 U	0.0077 U
Arsenic	mg/l		0.025	na	0.0097 U	0.0097 U	0.015 U	0.015 U	0.0097 U
Barium	mg/l		1	na	0.095	0.0941	0.085	0.63	0.109
Beryllium	mg/l	0.003		na	0.00067 U	0.00067 U	0.002 U	0.002 U	0.00067 U
Cadmium	mg/l		0.005	na	0.00049 U	0.00049 U	0.002 U	0.00058 J	0.00049 U
Calcium	mg/l			na	94.9	95	89	133	75.1
Chromium, Total	mg/l		0.05	na	0.0018 U	0.0018 U	0.004 U	0.004 U	0.0022 J
Cobalt	mg/l			na	0.0019 U	0.0019 U	0.004 U	0.004 U	0.0019 U
Copper	mg/l		0.2	na	0.0041 U	0.0041 U	0.01 U	0.015 U	0.0055 U
Iron	mg/l		0.3	na	0.136 J	0.125 J	0.05 U	6	0.42
Lead	mg/l		0.025	na	0.0062 U	0.0062 U	0.01 U	0.01 U	0.0062 U
Magnesium	mg/l	35		na	16.1	16	15	49.3	26.3 J
Manganese	mg/l		0.3	na	0.531	0.526	0.48	0.26	0.363
Nickel	mg/l		0.1	na	0.0028 U	0.0028 U	0.01 U	0.01 U	0.0028 U
Potassium	mg/l			na	4.65 J	4.69 J	4	25.9	4.34
Selenium	mg/l		0.01	na	0.0097 U	0.0097 U	0.025 U	0.025 U	0.0097 U
Silver	mg/l		0.05	na	0.0019 U	0.0019 U	0.006 U	0.006 U	0.0019 U
Sodium	mg/l		20	na	110	110	103	428	81.1 J
Thallium	mg/l	0.0005		na	0.0094 U	0.0094 U	0.02 U	0.02 U	0.0094 U
Vanadium	mg/l			na	0.0016 U	0.0016 U	0.005 U	0.005 U	0.0016 U
Zinc	mg/l	2		na	0.0054 U	0.0054 U	0.0032 J	0.033	0.0054 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	3 J	0.2 U	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026A OS-MW-026A (02032021) 2021-02-03 460-227796-6 WG N Y	OS-MW-026B MW-DUP-001(01062017) 2017-01-06 8776972 WG FD Y	OS-MW-026B OS-MW-026B(01062017) 2017-01-06 8776971 WG N Y	OS-MW-026B OS-MW-026B(12172019)-B1 2019-12-17 480-164474-1 WG N Y	OS-MW-026BR OS-MW-026BR(12182019)-B1 2019-12-18 480-164474-4 WG N Y	OS-MW-026C OS-MW-026C(01092017) 2017-01-09 8779940 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1500	1700	870	1 U	0.5 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	4 U	2 U	20 U	1 U	2 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	0.7 J	20 U	1 U	0.5 U
1,1-Dichloroethane	ug/l		5	1 U	140	150	110	1 U	0.5 U
1,1-Dichloroethene	ug/l		5	1 U	60	72	40	1 U	0.5 U
1,2,3-Trichlorobenzene	ug/l		5	na	2 U	1 U	na	na	1 U
1,2,4-Trichlorobenzene	ug/l		5	1 U	2 U	1 U	20 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	2 U	1 U	na	na	1 U
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	4 U	2 U	20 U	1 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	0.5 U	20 U	1 U	0.5 U
1,2-Dichlorobenzene	ug/l		3	1 U	2 U	1 U	20 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 J	0.9 J	20 U	1 U	0.5 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	0.5 U	20 U	1 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	2 U	1 U	na	na	1 U
1,3-Dichlorobenzene	ug/l		3	1 U	2 U	1 U	20 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	2 U	1 U	20 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	6 U	3 U	100 U	5 U	3 U
Acetone	ug/l	50		5 U	12 U	6 U	200 U	10 U	6 U
Benzene	ug/l		1	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Bromochloromethane	ug/l		5	na	2 U	1 U	na	na	1 U
Bromodichloromethane	ug/l	50		1 U	1 U	0.5 U	20 U	1 U	0.5 U
Bromoform	ug/l	50		1 U	1 U	0.5 U	20 U	1 U	0.5 U
Bromomethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Carbon Disulfide	ug/l	60		1 U	2 U	1 U	20 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Chlorobenzene	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Chloroethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Chloroform	ug/l		7	1 U	2 J	2	20 U	1 U	0.5 U
Chloromethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	10	11	20 U	1 U	0.5 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Cyclohexane	ug/l			1 U	4 U	2 U	20 U	1 U	2 U
Cymene	ug/l		5	na	2 U	1 U	na	na	1 U
Dibromochloromethane	ug/l	50		1 U	1 U	0.5 U	20 U	1 U	0.5 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Ethylbenzene	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	2 U	1 U	20 U	1 U	1 U
m,p-Xylene	ug/l		5	na	1 U	0.5 U	na	na	0.5 U
Methyl Acetate	ug/l			5 U	2 U	1 U	50 U	2.5 U	1 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	6 U	3 U	200 U	10 U	3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	6 U	3 U	100 U	5 U	3 U
Methylcyclohexane	ug/l			1 U	2 U	1 U	20 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	4 U	2 U	20 U	1 U	2 U
N-Butylbenzene	ug/l		5	na	2 U	1 U	na	na	1 U
N-Propylbenzene	ug/l		50	na	2 U	1 U	na	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	1 U	0.5 U	na	na	0.5 U
Sec-Butylbenzene	ug/l		5	na	2 U	1 U	na	na	1 U
Styrene	ug/l		5	1 U	2 U	1 U	20 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	2 U	1 U	na	na	1 U
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	0.5 U	20 U	1 U	0.5 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	0.7 J	20 U	1 U	0.5 U
Toluene	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	2 J	2	20 U	1 U	0.5 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Trichloroethylene (TCE)	ug/l		5	1 U	1100	1300	1300	1 U	1
Trichlorofluoromethane	ug/l		5	1 U	1 U	0.5 U	20 U	1 U	0.5 U
Vinyl Chloride	ug/l		2	1 U	1 J	2	20 U	1 U	0.5 U
Xylenes	ug/l		5	2 U	1 U	0.5 U	40 U	2 U	0.5 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026C OS-MW-026C(12182019)-B1 2019-12-18 480-164474-3 WG N Y	OS-MW-027A OS-MW-027A(01102017) 2017-01-10 8781875 WG N Y	OS-MW-027A OS-MW-027A(01112017) 2017-01-11 8786937 WG N Y	OS-MW-027A OS-MW-027A(01112017) 2017-01-11 8785084 WG N Y	OS-MW-027A DUP(10242019)-B4 2019-10-24 480-161621-12 WG FD Y	OS-MW-027A OS-MW-027A(10242019)-B4 2019-10-24 480-161621-11 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.0002 U	0.00005 U	na	na	0.0002 U	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			236	na	na	na	182	186
Carbonate	mg/l			5 U	na	na	na	5 U	5 U
Chloride	mg/l		250	126	na	na	na	298	290
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.84	7.2	na	na	7.46	7.42
Sulfate	mg/l		250	29.8	na	na	na	49.4	49
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			20.4	22	na	na	18.5	18.5
Total Organic Carbon	mg/l			0.43 J	1.9	na	na	2.1	2.1
Metals, Dissolved									
Calcium	mg/l			69.5	na	na	na	50.3	50.7
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		22.2	na	na	na	6.6	6.7
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			3.2	na	na	na	5.7	5.8
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	70.2	na	na	na	224	226
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.13 J	0.0868 U	na	na	0.2 U	0.2 U
Antimony	mg/l		0.003	0.02 U	0.0077 U	na	na	0.02 U	0.02 U
Arsenic	mg/l		0.025	0.015 U	0.0097 U	na	na	0.015 U	0.015 U
Barium	mg/l		1	0.11	0.0397	na	na	0.046	0.047
Beryllium	mg/l	0.003		0.002 U	0.00067 U	na	na	0.002 U	0.002 U
Cadmium	mg/l		0.005	0.002 U	0.00049 U	na	na	0.002 U	0.002 U
Calcium	mg/l			68.2	44.5	na	na	49.7	51.2
Chromium, Total	mg/l		0.05	0.004 U	0.0018 U	na	na	0.004 U	0.0019 J
Cobalt	mg/l			0.004 U	0.0019 U	na	na	0.004 U	0.004 U
Copper	mg/l		0.2	0.01 U	0.0041 U	na	na	0.01 U	0.0018 J
Iron	mg/l		0.3	0.19 U	0.0747 U	na	na	0.05 U	0.027 J
Lead	mg/l		0.025	0.01 U	0.0062 U	na	na	0.01 U	0.01 U
Magnesium	mg/l	35		21	6.14 J	na	na	6.8 U	6.9 U
Manganese	mg/l		0.3	0.34	0.016	na	na	0.003 U	0.003 U
Nickel	mg/l		0.1	0.01 U	0.0028 U	na	na	0.01 U	0.01 U
Potassium	mg/l			3.1	5.07	na	na	5.6	5.7
Selenium	mg/l		0.01	0.025 U	0.0097 U	na	na	0.025 U	0.025 U
Silver	mg/l		0.05	0.006 U	0.0019 U	na	na	0.006 U	0.006 U
Sodium	mg/l		20	67.3	159 J	na	na	227	230
Thallium	mg/l	0.0005		0.02 U	0.0094 U	na	na	0.02 U	0.02 U
Vanadium	mg/l			0.005 U	0.0016 U	na	na	0.005 U	0.005 U
Zinc	mg/l	2		0.0046 J	0.0054 U	na	na	0.01 U	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.47	na	na	na	0.21 U	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-026C OS-MW-026C(12182019)-B1 2019-12-18 480-164474-3 WG N Y	OS-MW-027A OS-MW-027A(01102017) 2017-01-10 8781875 WG N Y	OS-MW-027A OS-MW-027A(01112017) 2017-01-11 8786937 WG N Y	OS-MW-027A OS-MW-027A(01112017) 2017-01-11 8785084 WG N Y	OS-MW-027A DUP(10242019)-B4 2019-10-24 480-161621-12 WG FD Y	OS-MW-027A OS-MW-027A(10242019)-B4 2019-10-24 480-161621-11 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	2 U	2 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	1 U	1 U	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	1 U	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	2 U	2 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	1 U	1 U	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	3 U	3 U	3 U	5 U	5 U
Acetone	ug/l	50		10 U	6 U	8 J	23	10 U	10 U
Benzene	ug/l		1	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Bromochloromethane	ug/l		5	na	1 U	1 U	1 U	na	na
Bromodichloromethane	ug/l	50		1 U	0.5 J	0.5 U	0.5 U	1 U	1 U
Bromoform	ug/l	50		1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Bromomethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Chloroethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Chloroform	ug/l		7	1 U	3	2	0.5 U	1 U	1 U
Chloromethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Cyclohexane	ug/l			1 U	2 U	2 U	2 U	1 U	1 U
Cymene	ug/l		5	na	1 U	1 U	1 U	na	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	0.5 U	0.5 U	0.5 U	na	na
Methyl Acetate	ug/l			2.5 U	1 U	1 U	1 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	3 U	3 U	3 J	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	3 U	3 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	2 U	2 U	2 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	1 U	1 U	1 U	na	na
N-Propylbenzene	ug/l		50	na	1 U	1 U	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	0.5 U	0.5 U	na	na
Sec-Butylbenzene	ug/l		5	na	1 U	1 U	1 U	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	1 U	1 U	1 U	na	na
Tert-Butyl Methyl Ether	ug/l	10		0.16 J	0.5 U	0.5 U	0.5 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Toluene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	3.8 J	3.5
Trichlorofluoromethane	ug/l		5	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	0.5 U	0.5 U	0.5 U	1 U	1 U
Xylenes	ug/l		5	2 U	0.5 U	0.5 U	0.5 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-027B OS-MW-027B(01102017) 2017-01-10 8781876 WG N Y	OS-MW-027B OS-MW-027B(10252019)-B2 2019-10-25 480-161634-14 WG N Y	OS-MW-027BR OS-MW-027BR(10282019)-B4 2019-10-28 480-161791-1 WG N Y	OS-MW-027C OS-MW-027C(01102017) 2017-01-10 8781877 WG N Y	OS-MW-027C OS-MW-027C(10242019)-B4 2019-10-24 480-161634-13 WG N Y	OS-MW-028B OS-MW-028B(01092017) 2017-01-09 8779941 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.00005 U	0.0002 U	0.0002 U	0.00005 U	0.0002 U	0.00005 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	136	250	na	123 J	na
Carbonate	mg/l			na	5 U	5 U	na	5 UJ	na
Chloride	mg/l		250	na	19.8	696	na	20.4	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8.3	7.69	7.45	8.7	7.64	8.3
Sulfate	mg/l		250	na	31	20 U	na	36.1	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			21.6	18.4	19.8	21.5	18.2	21.7
Total Organic Carbon	mg/l			0.5 U	1 U	0.91 J	0.5 U	1 U	0.69 J
Metals, Dissolved									
Calcium	mg/l			na	42.7	82.5	na	43	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	9.9	20.3	na	9.7	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	1.4	16.4	na	1.2	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	22.3	355	na	20.1	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.167 J	0.2 U	0.082 J	0.894	0.72	0.0868 U
Antimony	mg/l		0.003	0.0077 U	0.02 U	0.0077 U	0.0077 U	0.02 U	0.0077 U
Arsenic	mg/l		0.025	0.0114 J	0.007 J	0.015 U	0.0097 U	0.015 U	0.0097 U
Barium	mg/l		1	0.133	0.13	0.59	0.113	0.15	0.292
Beryllium	mg/l	0.003		0.00067 U	0.002 U	0.002 U	0.00067 U	0.002 U	0.00067 U
Cadmium	mg/l		0.005	0.00049 U	0.002 U	0.002 U	0.00049 U	0.002 U	0.00049 U
Calcium	mg/l			44.2	43.1	88.2	43.8	44.7	58.1
Chromium, Total	mg/l		0.05	0.0018 U	0.004 U	0.004 U	0.0021 J	0.004 U	0.0018 U
Cobalt	mg/l			0.0019 U	0.004 U	0.004 U	0.0019 U	0.004 U	0.0019 U
Copper	mg/l		0.2	0.0041 U	0.01 U	0.01 U	0.0053 U	0.01 U	0.0041 U
Iron	mg/l		0.3	0.331 J	0.085	23.8	1.27	1.1	0.0747 U
Lead	mg/l		0.025	0.0062 U	0.01 U	0.01 U	0.0062 U	0.01 U	0.0062 U
Magnesium	mg/l	35		10.1 J	10	20.4	10.1 J	10.2	12.9 J
Manganese	mg/l		0.3	0.216	0.24	0.39	0.234	0.29	0.206
Nickel	mg/l		0.1	0.0028 U	0.01 U	0.01 U	0.0028 U	0.01 U	0.0028 U
Potassium	mg/l			1.81	1.4	15.4	2.74	1.5	1.36
Selenium	mg/l		0.01	0.0097 U	0.025 U	0.025 U	0.0097 U	0.025 U	0.0097 U
Silver	mg/l		0.05	0.0019 U	0.006 U	0.006 U	0.0019 U	0.006 U	0.0019 U
Sodium	mg/l		20	24.9 J	22.9	358	22.1 J	20.2	36.6 J
Thallium	mg/l	0.0005		0.0094 U	0.02 U	0.02 U	0.0094 U	0.02 U	0.0094 U
Vanadium	mg/l			0.0016 U	0.005 U	0.005 U	0.0016 U	0.005 U	0.0016 U
Zinc	mg/l	2		0.0054 U	0.01 U	0.056	0.0062 J	0.01 U	0.0054 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.2 U	0.2 U	na	0.2 U	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

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Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-027B OS-MW-027B(01102017) 2017-01-10 8781876 WG N Y	OS-MW-027B OS-MW-027B(10252019)-B2 2019-10-25 480-161634-14 WG N Y	OS-MW-027BR OS-MW-027BR(10282019)-B4 2019-10-28 480-161791-1 WG N Y	OS-MW-027C OS-MW-027C(01102017) 2017-01-10 8781877 WG N Y	OS-MW-027C OS-MW-027C(10242019)-B4 2019-10-24 480-161634-13 WG N Y	OS-MW-028B OS-MW-028B(01092017) 2017-01-09 8779941 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	0.5 U	1 UJ	1 U	0.5 U	1 UJ	0.5 U
1,1,2,2-Tetrachloroethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	1 U	1 U	2 U	1 U	2 U
1,1,2-Trichloroethane	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,1-Dichloroethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,1-Dichloroethene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,2,3-Trichlorobenzene	ug/l		5	1 U	na	na	1 U	na	1 U
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	1 U	na	na	1 U	na	1 U
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	1 U	1 U	2 U	1 U	2 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,2-Dichloropropane	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	1 U	na	na	1 U	na	1 U
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		3 U	5 U	5 U	3 U	5 U	3 U
Acetone	ug/l	50		6 U	10 U	10 U	6 U	10 U	6 U
Benzene	ug/l		1	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromochloromethane	ug/l		5	1 U	na	na	1 U	na	1 U
Bromodichloromethane	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromoform	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Bromomethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	0.5 U	1 UJ	1 U	0.5 U	1 UJ	0.5 U
Chlorobenzene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Chloroethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Chloroform	ug/l		7	0.5 U	1 U	1 U	0.8 J	1 U	0.5 U
Chloromethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Cis-1,2-Dichloroethylene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Cis-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Cyclohexane	ug/l			2 U	1 U	1 U	2 U	1 U	2 U
Cymene	ug/l		5	1 U	na	na	1 U	na	1 U
Dibromochloromethane	ug/l	50		0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Dichlorodifluoromethane	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Ethylbenzene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	0.5 U	na	na	0.5 U	na	0.5 U
Methyl Acetate	ug/l			1 U	2.5 U	2.5 U	1 U	2.5 U	1 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		3 U	10 U	10 U	3 U	10 U	3 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			3 U	5 U	5 U	3 U	5 U	3 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	2 U	1 U	1 U	2 U	1 U	2 U
N-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	1 U
N-Propylbenzene	ug/l		50	1 U	na	na	1 U	na	1 U
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	0.5 U	na	na	0.5 U	na	0.5 U
Sec-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	1 U
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	1 U	na	na	1 U	na	1 U
Tert-Butyl Methyl Ether	ug/l	10		0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Tetrachloroethylene (PCE)	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Toluene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Trans-1,2-Dichloroethene	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Trans-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Trichloroethylene (TCE)	ug/l		5	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Trichlorofluoromethane	ug/l		5	0.5 U	1 UJ	1 U	0.5 U	1 UJ	0.5 U
Vinyl Chloride	ug/l		2	0.5 U	1 U	1 U	0.5 U	1 U	0.5 U
Xylenes	ug/l		5	0.5 U	2 U	2 U	0.5 U	2 U	0.5 U

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-028B OS-MW-028B(10292019)-B6 2019-10-29 480-161938-1 WG N Y	OS-MW-028BR OS-MW-028BR(10292019)-B1 2019-10-29 480-161938-3 WG N Y	OS-MW-028C OS-MW-028C(01062017) 2017-01-06 8776961 WG N Y	OS-MW-028C OS-MW-028C(10292019)-B6 2019-10-29 480-161938-2 WG N Y	OS-MW-030A OS-MW-030A(01102017) 2017-01-10 8781879 WG N Y	OS-MW-030A OS-MW-030A(10242019)-B2 2019-10-24 480-161634-6 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.0002 U	0.0002 U	0.00005 U	0.0002 U	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			183	6.2	na	213	na	na
Carbonate	mg/l			5 U	80.4	na	5 U	na	na
Chloride	mg/l		250	67.9	3640	na	102	na	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.84	9.72	7.8	7.67	na	na
Sulfate	mg/l		250	24	100 U	na	33.5	na	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			18.5	18.2	21.8	18.3	na	na
Total Organic Carbon	mg/l			0.58 J	2.2	0.95 J	0.63 J	na	na
Metals, Dissolved									
Calcium	mg/l			69.3	25.6	na	81.1	na	na
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		14.9	12.2	na	17.6	na	na
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			1.5 U	60.1	na	1.4 U	na	na
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	41.9	2370	na	54.9	na	na
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.2 U	0.2 U	0.142 U	0.2 U	na	na
Antimony	mg/l		0.003	0.02 U	0.02 U	0.0077 U	0.02 U	na	na
Arsenic	mg/l		0.025	0.015 U	0.015 U	0.0097 U	0.015 U	na	na
Barium	mg/l		1	0.39	0.49	0.388	0.46	na	na
Beryllium	mg/l	0.003		0.002 U	0.002 U	0.00067 U	0.002 U	na	na
Cadmium	mg/l		0.005	0.002 U	0.002 U	0.00049 U	0.002 U	na	na
Calcium	mg/l			65.1	24.2	80.5	79.2	na	na
Chromium, Total	mg/l		0.05	0.004 U	0.004 U	0.0018 U	0.004 U	na	na
Cobalt	mg/l			0.004 U	0.004 U	0.0019 U	0.004 U	na	na
Copper	mg/l		0.2	0.0019 J	0.01 U	0.0041 U	0.01 U	na	na
Iron	mg/l		0.3	0.082	1.5	0.404	0.18	na	na
Lead	mg/l		0.025	0.01 U	0.01 U	0.0062 U	0.01 U	na	na
Magnesium	mg/l	35		13.2	11.9	17.2	16.8	na	na
Manganese	mg/l		0.3	0.36	0.012	0.41	0.41	na	na
Nickel	mg/l		0.1	0.01 U	0.01 U	0.0028 U	0.01 U	na	na
Potassium	mg/l			1.5	54.3	1.58	1.5	na	na
Selenium	mg/l		0.01	0.025 U	0.025 U	0.0097 U	0.025 U	na	na
Silver	mg/l		0.05	0.006 U	0.006 U	0.0019 U	0.006 U	na	na
Sodium	mg/l		20	37.2	2230	54.6	53.4	na	na
Thallium	mg/l	0.0005		0.02 U	0.02 U	0.0094 U	0.02 U	na	na
Vanadium	mg/l			0.005 U	0.005 U	0.0016 U	0.005 U	na	na
Zinc	mg/l	2		0.01 U	0.094	0.0054 U	0.01 U	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.19 U	0.19 U	na	0.19 U	na	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-028B OS-MW-028B(10292019)-B6 2019-10-29 480-161938-1 WG N Y	OS-MW-028BR OS-MW-028BR(10292019)-B1 2019-10-29 480-161938-3 WG N Y	OS-MW-028C OS-MW-028C(01062017) 2017-01-06 8776961 WG N Y	OS-MW-028C OS-MW-028C(10292019)-B6 2019-10-29 480-161938-2 WG N Y	OS-MW-030A OS-MW-030A(01102017) 2017-01-10 8781879 WG N Y	OS-MW-030A OS-MW-030A(10242019)-B2 2019-10-24 480-161634-6 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 UJ
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	20 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,1-Dichloroethene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	1 U	na	1 U	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	20 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	1 U	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	2 U	1 U	2 U	20 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	20 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	0.5 U	1 U	0.5 U	20 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	1 U	na	1 U	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	20 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	20 U
2-Hexanone	ug/l	50		5 U	5 U	3 U	5 U	3 U	100 U
Acetone	ug/l	50		10 U	10 U	6 U	10 U	6 U	200 U
Benzene	ug/l		1	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Bromochloromethane	ug/l		5	na	na	1 U	na	1 U	na
Bromodichloromethane	ug/l	50		1 U	1 U	0.5 U	1 U	0.5 U	20 U
Bromoform	ug/l	50		1 U	1 U	0.5 U	1 U	0.5 U	20 U
Bromomethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	20 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 UJ
Chlorobenzene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Chloroethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Chloroform	ug/l		7	1 U	1 U	0.5 U	1 U	0.8 J	20 U
Chloromethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Cyclohexane	ug/l			1 U	1 U	2 U	1 U	2 U	20 U
Cymene	ug/l		5	na	na	1 U	na	1 U	na
Dibromochloromethane	ug/l	50		1 U	1 U	0.5 U	1 U	0.5 U	20 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Ethylbenzene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	20 U
m,p-Xylene	ug/l		5	na	na	0.5 U	na	0.5 U	na
Methyl Acetate	ug/l			2.5 U	2.5 U	1 U	2.5 U	1 U	50 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	3 U	10 U	3 U	200 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	3 U	5 U	3 U	100 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	20 U
Methylene Chloride	ug/l		5	1 U	1 U	2 U	1 U	2 U	20 U
N-Butylbenzene	ug/l		5	na	na	1 U	na	1 U	na
N-Propylbenzene	ug/l		50	na	na	1 U	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	0.5 U	na	0.5 U	na
Sec-Butylbenzene	ug/l		5	na	na	1 U	na	1 U	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	20 U
T-Butylbenzene	ug/l		5	na	na	1 U	na	1 U	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	0.5 U	1 U	0.5 U	20 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Toluene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Trichloroethylene (TCE)	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	1900 J
Trichlorofluoromethane	ug/l		5	1 U	1 U	0.5 U	1 U	0.5 U	20 UJ
Vinyl Chloride	ug/l		2	1 U	1 U	0.5 U	1 U	0.5 U	20 U
Xylenes	ug/l		5	2 U	2 U	0.5 U	2 U	0.5 U	40 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

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Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	0.00005 U	0.0002 U	0.0002 U	0.00005 U	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			na	na	12.4 J	5 U	na	205 J
Carbonate	mg/l			na	na	12.5 J	132	na	5 UJ
Chloride	mg/l		250	na	na	88.4	133	na	95.7
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	na	8.8	9.16	12.4	8	7.58
Sulfate	mg/l		250	na	na	45.7	11.2 J	na	45.3
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	21.7	18.2	24.7	22.1	18.2
Total Organic Carbon	mg/l			na	1.9	1.2	8	0.83 J	0.52 J
Metals, Dissolved									
Calcium	mg/l			na	na	13.1	40.1	na	78
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	8.5	0.2 U	na	17.1
Magnesium	ug/l		35000	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	2.7	433	na	2.5
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	51.1	290	na	56.7
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	15.9	3.9	0.76	2.35	0.55
Antimony	mg/l		0.003	na	0.0077 U	0.02 U	0.02 U	0.0077 U	0.02 U
Arsenic	mg/l		0.025	na	0.0166 J	0.015 U	0.015 U	0.0097 U	0.015 U
Barium	mg/l		1	na	1.14	0.31	0.18	0.464	0.5
Beryllium	mg/l		0.003	na	0.0023 J	0.002 U	0.002 U	0.00067 U	0.002 U
Cadmium	mg/l		0.005	na	0.00049 J	0.002 U	0.002 U	0.00049 U	0.002 U
Calcium	mg/l			na	318	103	48.2	77.7	
Chromium, Total	mg/l		0.05	na	0.0197 J	0.0047	0.0036 J	0.0052 J	0.004 U
Cobalt	mg/l			na	0.0196	0.0025 J	0.004 U	0.0019 U	0.004 U
Copper	mg/l		0.2	na	0.17	0.01 U	0.012 U	0.0221 U	0.01 U
Iron	mg/l		0.3	na	32	6.5	2.9	3.3	0.77
Lead	mg/l		0.025	na	0.0525	0.0055 J	0.01 U	0.0062 U	0.01 U
Magnesium	mg/l		35	na	52.9 J	14	0.86	17.7 J	17.1
Manganese	mg/l		0.3	na	4.29	0.41	0.045	0.446	0.42
Nickel	mg/l		0.1	na	0.0273	0.0059 J	0.006 J	0.0028 U	0.01 U
Potassium	mg/l			na	5.94	3.9	436	2.32	2.6
Selenium	mg/l		0.01	na	0.0097 U	0.025 U	0.025 U	0.0097 U	0.025 U
Silver	mg/l		0.05	na	0.0019 U	0.006 U	0.002 J	0.0019 U	0.006 U
Sodium	mg/l		20	na	52.2 J	51.8	309	54.9 J	56.4
Thallium	mg/l		0.0005	na	0.0094 U	0.02 U	0.02 U	0.0094 U	0.02 U
Vanadium	mg/l			na	0.0204	0.0054	0.0016 J	0.0031 J	0.005 U
Zinc	mg/l		2	na	0.195	0.024	0.094	0.0112 J	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	0.2 U	0.2 U	na	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l		20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l		50	na	na	9 na	na	na	na
Atrazine	ug/l			na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l			na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-030A OS-MW-030A(12172019)-B6 2019-12-17 460-199325-2 WG N Y	OS-MW-030B OS-MW-030B(01092017) 2017-01-09 8779942 WG N Y	OS-MW-030B OS-MW-030B(10242019)-B1 2019-10-24 480-161634-7 WG N Y	OS-MW-030BR OS-MW-030BR(10302019)-B5 2019-10-30 480-162036-2 WG N Y	OS-MW-030C OS-MW-030C(01092017) 2017-01-09 8779943 WG N Y	OS-MW-030C OS-MW-030C(10242019)-B1 2019-10-24 480-161634-8 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	0.5 U	1 UJ	2 U	0.5 U	1 UJ
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	2 U	1 U	2 U	2 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	1 U	na	na	1 U	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	2 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	1 U	na	na	1 U	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	2 U	1 U	2 U	2 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	0.5 U	1 U	2 U	0.5 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	1 U	na	na	1 U	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	2 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	3 U	5 U	10 U	3 U	5 U
Acetone	ug/l	50		5 U	6 U	10 U	20 U	6 U	10 U
Benzene	ug/l		1	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Bromochloromethane	ug/l		5	na	1 U	na	na	1 U	na
Bromodichloromethane	ug/l	50		1 U	0.5 U	1 U	2 U	0.5 U	1 U
Bromoform	ug/l	50		1 U	0.5 U	1 U	2 U	0.5 U	1 U
Bromomethane	ug/l		5	1 UJ	0.5 U	1 U	2 U	0.5 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	2 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	0.5 U	1 UJ	2 U	0.5 U	1 UJ
Chlorobenzene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Chloroethane	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Chloroform	ug/l		7	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Chloromethane	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Cyclohexane	ug/l			1 U	2 U	1 U	2 U	2 U	1 U
Cymene	ug/l		5	na	1 U	na	na	1 U	na
Dibromochloromethane	ug/l	50		1 U	0.5 U	1 U	2 U	0.5 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Ethylbenzene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	2 U	1 U	1 U
m,p-Xylene	ug/l		5	na	0.5 U	na	na	0.5 U	na
Methyl Acetate	ug/l			5 U	1 U	2.5 U	5 U	1 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	3 U	10 U	20 U	3 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	3 U	5 U	10 U	3 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	2 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	2 U	1 U	2 U	2 U	1 U
N-Butylbenzene	ug/l		5	na	1 U	na	na	1 U	na
N-Propylbenzene	ug/l		50	na	1 U	na	na	1 U	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	0.5 U	na	na	0.5 U	na
Sec-Butylbenzene	ug/l		5	na	1 U	na	na	1 U	na
Styrene	ug/l		5	1 U	1 U	1 U	2 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	1 U	na	na	1 U	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	0.5 U	1 U	2 U	0.5 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Toluene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Trichloroethylene (TCE)	ug/l		5	76	0.5 U	2	2 U	0.5 U	7.2
Trichlorofluoromethane	ug/l		5	1 U	0.5 U	1 UJ	2 U	0.5 U	1 UJ
Vinyl Chloride	ug/l		2	1 U	0.5 U	1 U	2 U	0.5 U	1 U
Xylenes	ug/l		5	2 U	0.5 U	2 U	4 U	0.5 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-030D OS-MW-030D(01092017) 8781878 WG N Y	OS-MW-030D OS-MW-030D(10242019)-B1 2019-10-24 480-161634-9 WG N Y	OS-MW-031A OS-MW-031A(01062017) 2017-01-06 8776948 WG N Y	OS-MW-031A OS-MW-031A (10092019) 2019-10-09 480-160747-7 WG N Y	OS-MW-031A OS-MW-031A(12182019)-B1 2019-12-18 480-164474-5 WG N Y	OS-MW-031A OS-MW-031A(03262020)-B1 2020-03-26 460-206044-3 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007		0.00005 U	0.0002 U	0.00005 U	na	0.0002 U
Mercury	ug/l		0.7		na	na	na	na	0.2 U
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	na	5 U
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	na	206
Bicarbonate	mg/l				na	207 J	na	na	206
Carbonate	mg/l				na	5 UJ	na	na	5 U
Chloride	mg/l		250		na	99.7	na	na	398
Ethane	ug/l				na	na	na	7.5 U	7.5 U
Ethene	ug/l				na	na	na	7 U	7 U
Methane	ug/l				na	na	na	4 U	4 U
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na	na
pH	ph units		8.5		8	7.57	7.3	7.05	8.01
Sulfate	mg/l		250		na	51.9	na	na	39.3
Sulfide	mg/l				na	na	na	na	na
Temperature	deg c				21.9	18.3	21.5	19.4	20.2
Total Organic Carbon	mg/l				0.86 J	0.55 J	1.4	0.87 J	1
Metals, Dissolved									
Calcium	mg/l				na	82.9	na	na	122
Calcium	ug/l				na	na	na	na	na
Iron	mg/l		0.3		na	na	na	na	na
Magnesium	mg/l		35		na	18.9	na	na	17.1
Magnesium	ug/l		35000		na	na	na	na	na
Manganese	mg/l		0.3		na	na	na	na	na
Potassium	mg/l				na	1.6	na	na	6.1
Potassium	ug/l				na	na	na	na	na
Sodium	mg/l		20		na	57.9	na	na	240
Sodium	ug/l		20000		na	na	na	na	na
Metals, Total									
Aluminum	mg/l				2.72	0.42	0.0868 U	na	0.2 U
Antimony	mg/l		0.003		0.0077 U	0.02 U	0.0077 U	na	0.02 U
Arsenic	mg/l		0.025		0.0097 U	0.015 U	0.0097 U	na	0.015 U
Barium	mg/l		1		0.448	0.44	0.0979	na	0.083
Beryllium	mg/l		0.003		0.00067 U	0.002 U	0.00067 U	na	0.002 U
Cadmium	mg/l		0.005		0.00049 U	0.002 U	0.00049 U	na	0.00051 J
Calcium	mg/l				81.8	83.1	87.2	na	94
Chromium, Total	mg/l		0.05		0.0024 J	0.0013 J	0.0037 J	na	0.0014 J
Cobalt	mg/l				0.0019 U	0.004 U	0.0019 U	na	0.004 U
Copper	mg/l		0.2		0.0146 U	0.01 U	0.196	na	0.087
Iron	mg/l		0.3		3.35	0.57	0.0747 U	na	0.05 U
Lead	mg/l		0.025		0.0062 U	0.01 U	0.0062 U	na	0.01 U
Magnesium	mg/l		35		18.2	18.9	10.9	na	12.7
Manganese	mg/l		0.3		0.486	0.47	0.0114 U	na	0.0057
Nickel	mg/l		0.1		0.0035 J	0.01 U	0.0028 U	na	0.01 U
Potassium	mg/l				2.28	1.7	4.49	na	4.4
Selenium	mg/l		0.01		0.0097 U	0.025 U	0.0097 U	na	0.025 U
Silver	mg/l		0.05		0.0019 U	0.006 U	0.0019 U	na	0.006 U
Sodium	mg/l		20		49.4	56.9	161	na	122
Thallium	mg/l		0.0005		0.0094 U	0.02 U	0.0094 U	na	0.02 U
Vanadium	mg/l				0.0036 J	0.005 U	0.0016 U	na	0.005 U
Zinc	mg/l		2		0.0153 J	0.01 U	0.0054 U	na	0.0062 J
Other									
BVCA Reductase	Cells/mL				na	na	na	na	na
Cyanide	mg/l		0.2		na	na	0.005 U	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	0.096 U	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	0.096 U	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	0.19 U	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	0.096 U	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	0.096 U	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	0.096 U	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	0.14 U	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	0.19 U	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	0.15 U	na	na
Pesticides									
Aldrin	ug/l				na	na	0.0019 U	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	0.0029 U	na	na
Alpha Endosulfan	ug/l				na	na	0.0041 U	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	0.0033 U	na	na
Beta Endosulfan	ug/l				na	na	0.014 U	na	na
cis-Chlordane	ug/l				na	na	0.0029 U	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	0.0033 U	na	na
Dieldrin	ug/l		0.004		na	na	0.0051 U	na	na
Endosulfan Sulfate	ug/l				na	na	0.0056 U	na	na
Endrin	ug/l		0		na	na	0.0078 U	na	na
Endrin Aldehyde	ug/l		5		na	na	0.019 U	na	na
Endrin Ketone	ug/l		5		na	na	0.0048 U	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	0.0019 U	na	na
Heptachlor	ug/l		0.04		na	na	0.0019 U	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	0.0022 U	na	na
Methoxychlor	ug/l		35		na	na	0.029 U	na	na
P,P'-DDD	ug/l		0.3		na	na	0.0048 U	na	na
P,P'-DDE	ug/l		0.2		na	na	0.0048 U	na	na
P,P'-DDT	ug/l		0.2		na	na	0.005 UJ	na	na
Toxaphene	ug/l		0.06		na	na	0.29 U	na	na
trans-Chlordane	ug/l				na	na	0.0067 U	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	0.5 U	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		na	0.12 J	1 U	na	0.11 J
2,3,4,6-Tetrachlorophenol	ug/l				na	na	0.5 U	na	na
2,4,5-Trichlorophenol	ug/l				na	na	0.5 U	na	na
2,4,6-Trichlorophenol	ug/l				na	na	0.5 U	na	na
2,4-Dichlorophenol	ug/l		1		na	na	0.5 U	na	na
2,4-Dimethylphenol	ug/l		50		na	na	0.5 U	na	na
2,4-Dinitrophenol	ug/l		1		na	na	10 U	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	1 U	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	0.5 U	na	na
2-Chloronaphthalene	ug/l		10		na	na	0.4 U	na	na
2-Chlorophenol	ug/l				na	na	0.5 U	na	na
2-Methylnaphthalene	ug/l				na	na	0.1 U	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	0.5 U	na	na
2-Nitroaniline	ug/l		5		na	na	0.5 U	na	na
2-Nitrophenol	ug/l				na	na	0.5 U	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	2 U	na	na
3-Nitroaniline	ug/l		5		na	na	0.5 U	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	5 U	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	0.5 U	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	0.5 U	na	na
4-Chloroaniline	ug/l		5		na	na	2 U	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	0.5 U	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	0.5 U	na	na
4-Nitroaniline	ug/l		5		na	na	0.5 U	na	na
4-Nitrophenol	ug/l				na	na	10 U	na	na
Acenaphthene	ug/l		20		na	na	0.1 U	na	na
Acenaphthylene	ug/l				na	na	0.1 U	na	na
Acetophenone	ug/l				na	na	0.5 U	na	na
Anthracene	ug/l		50		na	na	0.1 U	na	na
Atrazine	ug/l				na	na	2 U	na	na
Benzaldehyde	ug/l				na	na	1 U	na	na
Benzo(A)Anthracene	ug/l		0.002		na	na	0.1 U	na	na
Benzo(A)Pyrene	ug/l		0		na	na	0.1 U	na	na
Benzo(B)Fluoranthene	ug/l		0.002		na	na	0.1 U	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-030D OS-MW-030D(01092017) 2017-01-09 8781878 WG N Y	OS-MW-030D OS-MW-030D(10242019)-B1 2019-10-24 480-161634-9 WG N Y	OS-MW-031A OS-MW-031A(01062017) 2017-01-06 8776948 WG N Y	OS-MW-031A OS-MW-031A (10092019) 2019-10-09 480-160747-7 WG N Y	OS-MW-031A OS-MW-031A(12182019)-B1 2019-12-18 480-164474-5 WG N Y	OS-MW-031A OS-MW-031A(03262020)-B1 2020-03-26 460-206044-3 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	0.1 U	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	0.1 U	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	2 U	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	0.5 U	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	0.5 U	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	0.5 U	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	0.5 U	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	2 U	na	na	na
Caprolactam	ug/l			na	na	5 U	na	na	na
Carbazole	ug/l			na	na	0.5 U	na	na	na
Chrysene	ug/l	0.002		na	na	0.1 U	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	0.1 U	na	na	na
Dibenzofuran	ug/l			na	na	0.5 U	na	na	na
Diethyl Phthalate	ug/l	50		na	na	2 U	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	2 U	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	2 U	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	2 U	na	na	na
Fluoranthene	ug/l	50		na	na	0.1 U	na	na	na
Fluorene	ug/l	50		na	na	0.1 U	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	0.1 U	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	0.5 U	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	5 U	na	na	na
Hexachloroethane	ug/l		5	na	na	1 U	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	0.1 U	na	na	na
Isophorone	ug/l	50		na	na	0.5 U	na	na	na
Naphthalene	ug/l	10		na	na	0.1 U	na	na	na
Nitrobenzene	ug/l		0.4	na	na	0.5 U	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	0.5 U	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	0.5 U	na	na	na
Pentachlorophenol	ug/l		1	na	na	1 UJ	na	na	na
Phenanthrene	ug/l	50		na	na	0.1 U	na	na	na
Phenol	ug/l		1	na	na	0.5 U	na	na	na
Pyrene	ug/l	50		na	na	0.1 U	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	0.5 U	1 UJ	160	1.2	780	240
1,1,2,2-Tetrachloroethane	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	1 U	2 U	1 U	20 U	1 U
1,1,2-Trichloroethane	ug/l		1	0.5 U	1 U	0.5 U	1 U	20 U	1 U
1,1-Dichloroethane	ug/l		5	0.5 U	1 U	2	1 U	14 J	4
1,1-Dichloroethene	ug/l		5	0.5 U	1 U	4	1 U	20 U	1.1
1,2,3-Trichlorobenzene	ug/l		5	1 U	na	1 U	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	20 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	1 U	na	1 U	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	1 U	2 U	1 U	20 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	0.5 U	1 U	0.5 U	1 U	20 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	1 U
1,2-Dichloroethane	ug/l		0.6	0.5 U	1 U	0.5 U	1 U	20 U	1 U
1,2-Dichloropropane	ug/l		1	0.5 U	1 U	0.5 U	1 U	20 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	1 U	na	1 U	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	20 U	1 U
2-Hexanone	ug/l	50		3 U	5 U	3 U	5 U	100 U	5 U
Acetone	ug/l	50		6 U	10 U	6 U	10 U	200 U	5 U
Benzene	ug/l		1	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Bromochloromethane	ug/l		5	1 U	na	1 U	na	na	na
Bromodichloromethane	ug/l	50		0.5 U	1 U	0.5 U	1 U	20 U	1 U
Bromoform	ug/l	50		0.5 U	1 U	0.5 U	1 U	20 U	1 U
Bromomethane	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 UJ
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	20 U	1 U
Carbon Tetrachloride	ug/l		5	0.5 U	1 UJ	0.5 U	1 U	20 U	1 U
Chlorobenzene	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Chloroethane	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Chloroform	ug/l		7	0.5 U	1 U	0.7 J	1 U	20 U	1 U
Chloromethane	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 UJ
Cis-1,2-Dichloroethylene	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	0.77 J
Cis-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Cyclohexane	ug/l			2 U	1 U	2 U	1 U	20 U	1 U
Cymene	ug/l		5	1 U	na	1 U	na	na	na
Dibromochloromethane	ug/l	50		0.5 U	1 U	0.5 U	1 U	20 U	1 U
Dichlorodifluoromethane	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 UJ
Ethylbenzene	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	20 U	1 U
m,p-Xylene	ug/l		5	0.5 U	na	0.5 U	na	na	na
Methyl Acetate	ug/l			1 U	2.5 UJ	1 U	2.5 U	50 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		3 U	10 U	3 U	10 U	200 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			3 U	5 U	3 U	5 U	100 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	20 U	1 U
Methylene Chloride	ug/l		5	2 U	1 U	2 U	1 U	20 U	1 U
N-Butylbenzene	ug/l		5	1 U	na	1 U	na	na	na
N-Propylbenzene	ug/l		50	1 U	na	1 U	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	0.5 U	na	0.5 U	na	na	na
Sec-Butylbenzene	ug/l		5	1 U	na	1 U	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	20 U	1 U
T-Butylbenzene	ug/l		5	1 U	na	1 U	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		0.5 U	1 U	0.5 U	1 U	20 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	0.27 J
Toluene	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	0.5 U	1 U	0.5 U	1 U	20 U	1 U
Trichloroethylene (TCE)	ug/l		5	0.5 U	1 U	56	14	83	34
Trichlorofluoromethane	ug/l		5	0.5 U	1 UJ	0.5 U	1 U	20 U	1 U
Vinyl Chloride	ug/l		2	0.5 U	1 U	0.5 U	1 U	20 U	1 UJ
Xylenes	ug/l		5	0.5 U	2 U	0.5 U	2 U	40 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031A OS-MW-031A(06242020)-B1 460-211844-13 WG N Y	OS-MW-031A OS-MW-031A(10212020) 2020-10-21 460-221392-8 WG N Y	OS-MW-031A OS-MW-031A (02032021) 2021-02-03 460-227796-7 WG N Y	OS-MW-031B OS-MW-031B(01062017) 2017-01-06 8776952 WG N Y	OS-MW-031B OS-MW-031B(12182019)-B1 2019-12-18 480-164474-6 WG N Y	OS-MW-031B OS-MW-031B(03262020)-B1 2020-03-26 460-206044-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	5E-05 U	na	na
Mercury	ug/l		0.7	na	na	na	na	na	0.2 U
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	5 U
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	235
Bicarbonate	mg/l			na	na	na	na	na	235
Carbonate	mg/l			na	na	na	na	na	5 U
Chloride	mg/l		250	na	na	na	na	na	327
Ethane	ug/l			na	na	na	na	na	7.5 U
Ethene	ug/l			na	na	na	na	na	7 U
Methane	ug/l			na	na	na	na	na	4 U
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8	7.95	7.76	7.4	na	8.05
Sulfate	mg/l		250	na	na	na	na	na	221
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			23.2	22.2	21.6	21.8	na	na
Total Organic Carbon	mg/l			1	1.1	0.84 J	14	na	0.69 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	197
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	28
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	7.1
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	195
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			na	na	na	19.2	na	0.1 J
Antimony	mg/l		0.003	na	na	na	0.0077 U	na	0.02 U
Arsenic	mg/l		0.025	na	na	na	0.0097 U	na	0.015 U
Barium	mg/l		1	na	na	na	0.205	na	0.059 J
Beryllium	mg/l	0.003		na	na	na	0.0015 J	na	0.002 U
Cadmium	mg/l		0.005	na	na	na	0.0012 J	na	0.00093 J
Calcium	mg/l			na	na	na	344	na	190 J
Chromium, Total	mg/l		0.05	na	na	na	0.0594	na	0.01 U
Cobalt	mg/l			na	na	na	0.0276	na	0.05 U
Copper	mg/l		0.2	na	na	na	0.102	na	0.015 J
Iron	mg/l		0.3	na	na	na	42.7	na	0.15
Lead	mg/l		0.025	na	na	na	0.054	na	0.01 U
Magnesium	mg/l	35		na	na	na	64.6	na	27.5
Manganese	mg/l		0.3	na	na	na	5.32	na	1.1
Nickel	mg/l		0.1	na	na	na	0.0799	na	0.0085 J
Potassium	mg/l			na	na	na	12.2	na	6.8
Selenium	mg/l		0.01	na	na	na	0.0097 U	na	0.0069 J
Silver	mg/l		0.05	na	na	na	0.0019 U	na	0.01 U
Sodium	mg/l		20	na	na	na	183	na	185
Thallium	mg/l	0.0005		na	na	na	0.0094 U	na	0.02 U
Vanadium	mg/l			na	na	na	0.0232	na	0.05 U
Zinc	mg/l	2		na	na	na	0.179	na	0.021 J
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	na	na	na	na	5.2
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031A OS-MW-031A(06242020)-B1 2020-06-24 460-211844-13 WG N Y	OS-MW-031A OS-MW-031A(10212020) 2020-10-21 460-221392-8 WG N Y	OS-MW-031A OS-MW-031A (02032021) 2021-02-03 460-227796-7 WG N Y	OS-MW-031B OS-MW-031B(01062017) 2017-01-06 8776952 WG N Y	OS-MW-031B OS-MW-031B(12182019)-B1 2019-12-18 480-164474-6 WG N Y	OS-MW-031B OS-MW-031B(03262020)-B1 2020-03-26 460-206044-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCS									
1,1,1-Trichloroethane (TCA)	ug/l		5	95	7.6	6	0.5 U	1 U	160
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	2 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1.1	0.28 J	1 U	17	12	9.8
1,1-Dichloroethene	ug/l		5	0.47 J	1 U	1 U	0.5 U	1 U	1.7
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	1 U	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	1 U	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	2 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	0.5 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	0.5 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	1 U	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	3 U	5 U	5 U
Acetone	ug/l	50		5 U	5 U	5 U	6 U	10 U	5 U
Benzene	ug/l		1	1 U	1 U	1 U	0.5 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	1 U	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 UJ
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 UJ	1 U	1 U	0.5 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	0.7 J	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 UJ
Cis-1,2-Dichloroethylene	ug/l		5	0.67 J	0.28 J	0.34 J	0.5 U	1 U	0.7 J
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	2 U	1 U	1 U
Cymene	ug/l		5	na	na	na	1 U	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	0.5 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 UJ
Ethylbenzene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	0.5 U	na	na
Methyl Acetate	ug/l			5 U	5 U	5 U	1 U	2.5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	3 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	3 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	2 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
N-Propylbenzene	ug/l		50	na	na	na	1 U	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	0.5 U	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	1 U	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	0.5 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	0.5 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	18	12	7.5	0.5 U	1.9	21
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	0.5 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	0.5 U	1 U	1 UJ
Xylenes	ug/l		5	2 U	2 U	2 U	0.5 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031BR DUP(03262020) 2020-03-26 460-206044-4 WG FD Y	OS-MW-031BR OS-MW-031BR(03262020)-B1 2020-03-26 460-206044-1 WG N Y	OS-MW-032B DUP(10242019)-B3 2019-10-24 480-161621-5 WG FD Y	OS-MW-032B OS-MW-32B(10242019)-B3 2019-10-24 480-161621-3 WG N Y	OS-MW-032C OS-MW-32C(10232019)-B2 2019-10-23 480-161621-4 WG N Y	OS-MW-033B OS-MW-033B(10252019)-B1 2019-10-25 480-161634-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury	ug/l		0.7	0.12 J	0.16 J	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	5 U	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			37.6	36.7	na	na	na	na
Bicarbonate	mg/l			12.2	16.1	188	190	101	159
Carbonate	mg/l			25.4	20.7	5 U	5 U	2.3 J	5 U
Chloride	mg/l		250	140	137	105	105	134	83
Ethane	ug/l			7.5 U	7.5 U	na	na	na	na
Ethene	ug/l			7 U	7 U	na	na	na	na
Methane	ug/l			4 U	4 U	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	9.28	9.32	7.63	7.6	8.05	7.79
Sulfate	mg/l		250	283	278	42.9	43.5	23.9	41.8
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			na	na	18.5	18.7	17.6	18.4
Total Organic Carbon	mg/l			1.3 J	1.3 J	1 U	1 U	0.59 J	0.44 J
Metals, Dissolved									
Calcium	mg/l			61.9	67	70.9	71.4	33.2	63
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l			5.7	6.1	16.2	16.2	8.1	13.3
Magnesium	ug/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			51.9	55	2.4	2.4	7.5	2.1
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	142	152	53.7	53.9	73.9	48.3
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			2.4 J	2.8 J	0.2 U	0.2 U	0.12 J	0.58
Antimony	mg/l		0.003	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Arsenic	mg/l		0.025	0.0051 J	0.005 J	0.015 U	0.015 U	0.015 U	0.015 U
Barium	mg/l		1	0.094 J	0.095 J	0.34	0.35	0.13	0.36
Beryllium	mg/l	0.003		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Cadmium	mg/l		0.005	0.004 U	0.004 U	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	mg/l			71.6 J	69.4 J	74	74.6	35.4	64.6
Chromium, Total	mg/l		0.05	0.0077 J	0.0079 J	0.004 U	0.004 U	0.022	0.0012 J
Cobalt	mg/l			0.0022 J	0.05 U	0.004 U	0.004 U	0.004 U	0.004 U
Copper	mg/l		0.2	0.013 J	0.013 J	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/l		0.3	17.8	17.9	0.048 J	0.057	0.044 J	0.26 U
Lead	mg/l		0.025	0.026	0.023	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	mg/l	35		7.7	8	17.5	17.6	8.7	13.7
Manganese	mg/l		0.3	0.39	0.36	0.41	0.42	0.14	0.27
Nickel	mg/l		0.1	0.0061 J	0.0075 J	0.01 U	0.01 U	0.01 U	0.01 U
Potassium	mg/l			49.7	46.3	2.4	2.5	7.7	2.2
Selenium	mg/l		0.01	0.02 U	0.02 U	0.025 U	0.025 U	0.025 U	0.025 U
Silver	mg/l		0.05	0.01 U	0.01 U	0.006 U	0.006 U	0.006 U	0.006 U
Sodium	mg/l		20	130	120	57.2	57.6	79.8	48.8
Thallium	mg/l	0.0005		0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Vanadium	mg/l			0.05 U	0.05 U	0.005 U	0.005 U	0.005 U	0.005 U
Zinc	mg/l	2		0.037	0.034	0.01 U	0.01 U	0.01 U	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.4	0.3	0.15 J	0.15 J	0.19 U	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-031BR DUP(03262020) 2020-03-26 460-206044-4 WG FD Y	OS-MW-031BR OS-MW-031BR(03262020)-B1 2020-03-26 460-206044-1 WG N Y	OS-MW-032B DUP(10242019)-B3 2019-10-24 480-161621-5 WG FD Y	OS-MW-032B OS-MW-32B(10242019)-B3 2019-10-24 480-161621-3 WG N Y	OS-MW-032C OS-MW-32C(10232019)-B2 2019-10-23 480-161621-4 WG N Y	OS-MW-033B OS-MW-033B(10252019)-B1 2019-10-25 480-161634-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	0.3 J	1 U	1 U	1 U	1 U	1 UJ
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	0.58 J	0.56 J	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		7.9	6.9	10 U	10 U	10 U	10 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	2	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 UJ
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			5 U	5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	10 U	10 U	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1.7	1.6	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	0.34 J	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 UJ
Vinyl Chloride	ug/l		2	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-033C OS-MW-033C(10252019)-B1 2019-10-25 480-161634-5 WG N Y	OS-MW-034A OS-MW-034A(10292019)-B2 2019-10-29 480-161938-8 WG N Y	OS-MW-035B OS-MW-035B(10302019)-B1 2019-10-30 480-162036-3 WG N Y	OS-MW-036B OS-MW-036B(10302019)-B1 2019-10-30 480-162036-1 WG N Y	OS-MW-037A OS-MW-037A(10232019)-B2 2019-10-23 480-161621-1 WG N Y	OS-MW-039A OS-MW-39A(10292019)-B2 2019-10-29 480-161938-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.0002 U	na	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na	na
Bicarbonate	mg/l			205	na	158	143	310	114
Carbonate	mg/l			5 U	na	3 J	5 U	5 U	5 U
Chloride	mg/l		250	102	na	30.1 20.1	292 202	161	196
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.58	na	7.87	7.56	7.7	7.34
Sulfate	mg/l		250	46.6	na	47.5 47.6	77.3 77.6	88.7	29.5
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			18.2	na	19.8	19.9	17.3	18.3
Total Organic Carbon	mg/l			0.56 J	na	1 U	4.4	2.2	1.9 J
Metals, Dissolved									
Calcium	mg/l			80.6	na	49.4	100	71	30.2
Calcium	ug/l			na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		16.9	na	13.4	28.5	15.4	4.1
Magnesium	ug/l	35000		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			1.6	na	1.7	16.6	10.2	3.3 U
Potassium	ug/l			na	na	na	na	na	na
Sodium	mg/l		20	55	na	31.6	105	181	153
Sodium	ug/l		20000	na	na	na	na	na	na
Metals, Total									
Aluminum	mg/l			0.23	na	26.8	44.4	0.2 U	0.2 U
Antimony	mg/l		0.003	0.02 U	na	0.02 U	0.02 U	0.02 U	0.02 U
Arsenic	mg/l		0.025	0.015 U	na	0.011 J	0.018	0.015 U	0.015 U
Barium	mg/l		1	0.57	na	0.48	0.43	0.077	0.038
Beryllium	mg/l	0.003		0.002 U	na	0.0014 J	0.002	0.002 U	0.002 U
Cadmium	mg/l		0.005	0.002 U	na	0.002 U	0.002 U	0.002 U	0.002 U
Calcium	mg/l			82.6	na	57.2	125	73.9	29
Chromium, Total	mg/l		0.05	0.004 U	na	0.032	0.071	0.004 U	0.004 U
Cobalt	mg/l			0.004 U	na	0.015	0.036	0.004 U	0.001 J
Copper	mg/l		0.2	0.01 U	na	0.055	0.092	0.01 U	0.01 U
Iron	mg/l		0.3	0.32	na	36.9	87.2	0.31	0.18
Lead	mg/l		0.025	0.01 U	na	0.023	0.048	0.01 U	0.01 U
Magnesium	mg/l	35		17.5	na	24	50.4	16.5	3.9
Manganese	mg/l		0.3	0.46	na	0.99	3.2	0.64	2.3
Nickel	mg/l		0.1	0.01 U	na	0.036	0.08	0.01 U	0.01 U
Potassium	mg/l			1.7	na	9.9	26.8	10.3	3.3
Selenium	mg/l		0.01	0.025 U	na	0.025 U	0.025 U	0.025 U	0.025 U
Silver	mg/l		0.05	0.006 U	na	0.006 U	0.006 U	0.006 U	0.006 U
Sodium	mg/l		20	57.2	na	31	106	189	147
Thallium	mg/l	0.0005		0.02 U	na	0.02 U	0.02 U	0.02 U	0.02 U
Vanadium	mg/l			0.005 U	na	0.039	0.067	0.005 U	0.005 U
Zinc	mg/l	2		0.01 U	na	0.11	0.19	0.01 U	0.01 U
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	na	0.67 U	0.67 U	0.2 U	0.22 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	7 na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-033C OS-MW-033C(10252019)-B1 2019-10-25 480-161634-5 WG N Y	OS-MW-034A OS-MW-034A(10292019)-B2 2019-10-29 480-161938-8 WG N Y	OS-MW-035B OS-MW-035B(10302019)-B1 2019-10-30 480-162036-3 WG N Y	OS-MW-036B OS-MW-036B(10302019)-B1 2019-10-30 480-162036-1 WG N Y	OS-MW-037A OS-MW-037A(10232019)-B2 2019-10-23 480-161621-1 WG N Y	OS-MW-039A OS-MW-39A(10292019)-B2 2019-10-29 480-161938-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 UJ	4 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	4 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	4 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	4 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	4 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	4 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	4 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	4 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	4 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	20 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	40 U	10 U	10 U	10 U	10 U
Benzene	ug/l		1	1 U	4 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	4 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	4 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	4 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 UJ	4 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	4 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	4 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	4 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	4 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	10 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	40 U	10 U	10 U	10 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	20 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	4 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1.8 J	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	4 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	4 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	4 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	4.1	1 U	1 U	0.53 J	1 U
Trichlorofluoromethane	ug/l		5	1 UJ	4 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	4 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	8 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-039B OS-MW-39B(10292019)-B3 2019-10-29 480-161938-5 WG N Y	OS-MW-040A OS-MW-040A(10252019) 2019-10-25 480-161634-1 WG N Y	OS-MW-041A OS-MW-041A(10252019)-B2 2019-10-25 480-161634-2 WG N Y	OS-MW-041B OS-MW-041B(10252019)-B2 2019-10-25 480-161634-3 WG N Y	OS-MW-042B OS-MW-042B(12082020)-B1 2020-12-08 460-224802-4 WG N Y	OS-MW-043A OS-MW-043A(06242020)-B6 2020-06-24 460-211844-11 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	0.00027	0.0002 U	0.0002 U	0.0002 U	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	5 U	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	269	na
Bicarbonate	mg/l			126	247	219	238	269	na
Carbonate	mg/l			5 U	5 U	5 U	5 U	5 U	na
Chloride	mg/l		250	10.5	810	112	184	244	na
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.9 J	7.11	7.1	7.41	8.2	8.13
Sulfate	mg/l		250	26.9	177	55.9	104	42.2	na
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			18.6	18.5	18.6	18.5	20.5	23.2
Total Organic Carbon	mg/l			0.99 J	2.2 J	1.4 J	0.47 J	1 J	2.1
Metals, Dissolved									
Calcium	mg/l			32.8	109	78.3	104	na	na
Calcium	ug/l			na	na	na	na	99200	na
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		7.2	14.7	10.9	16.6	na	na
Magnesium	ug/l	35000		na	na	na	na	18000	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			3.1 U	9.8	5	4.1	na	na
Potassium	ug/l			na	na	na	na	7960	na
Sodium	mg/l		20	21	530	93.9	131	na	na
Sodium	ug/l		20000	na	na	na	na	135000	na
Metals, Total									
Aluminum	mg/l			84.9	0.2 U	0.2 U	0.2 U	na	na
Antimony	mg/l		0.003	0.0077 J	0.02 U	0.02 U	0.02 U	na	na
Arsenic	mg/l		0.025	0.031	0.015 U	0.015 U	0.015 U	na	na
Barium	mg/l		1	1.3	0.13	0.087	0.055	na	na
Beryllium	mg/l	0.003		0.0046	0.002 U	0.002 U	0.002 U	na	na
Cadmium	mg/l		0.005	0.00096 J	0.002 U	0.002 U	0.002 U	na	na
Calcium	mg/l			365	105	75.3	95.9	na	na
Chromium, Total	mg/l		0.05	0.11	0.004 U	0.0014 J	0.004 U	na	na
Cobalt	mg/l			0.072	0.004 U	0.0081	0.004 U	na	na
Copper	mg/l		0.2	0.15	0.003 J	0.054	0.01 U	na	na
Iron	mg/l		0.3	155	0.05 U	0.05 U	0.34	na	na
Lead	mg/l		0.025	0.091	0.01 U	0.01 U	0.01 U	na	na
Magnesium	mg/l	35		87.8	14.6	10.7	15.7	na	na
Manganese	mg/l		0.3	8.7	0.2	0.074	0.92	na	na
Nickel	mg/l		0.1	0.16	0.0016 J	0.01 U	0.01 U	na	na
Potassium	mg/l			20.3	9.4	5.1	3.8	na	na
Selenium	mg/l		0.01	0.025 U	0.025 U	0.025 U	0.025 U	na	na
Silver	mg/l		0.05	0.006 U	0.006 U	0.006 U	0.006 U	na	na
Sodium	mg/l		20	20.1	510	90.9	121	na	na
Thallium	mg/l	0.0005		0.02 U	0.02 U	0.02 U	0.02 U	na	na
Vanadium	mg/l			0.11	0.005 U	0.005 U	0.005 U	na	na
Zinc	mg/l	2		0.4	0.01 U	0.0026 J	0.01 U	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.21 U	0.3	1.8 J	3.7 J	0.13 J	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-039B OS-MW-39B(10292019)-B3 2019-10-29 480-161938-5 WG N Y	OS-MW-040A OS-MW-040A(10252019) 2019-10-25 480-161634-1 WG N Y	OS-MW-041A OS-MW-041A(10252019)-B2 2019-10-25 480-161634-2 WG N Y	OS-MW-041B OS-MW-041B(10252019)-B2 2019-10-25 480-161634-3 WG N Y	OS-MW-042B OS-MW-042B(12082020)-B1 2020-12-08 460-224802-4 WG N Y	OS-MW-043A OS-MW-043A(06242020)-B6 2020-06-24 460-211844-11 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 UJ	1.5 J	7.5 J	110	4.6
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	0.33 J	1 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	1 U	17 J	4.5	5.4
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1.9	0.99 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	10 U	10 U	10 U	5 U	5 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	1 U	0.5 J	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	2.5 U	2.5 U	2.5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	10 U	10 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	6.5	11	1 U	23	0.54 J
Trichlorofluoromethane	ug/l		5	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-043A OS-MW-043A (02032021) 460-227796-4 WG N Y	OS-MW-043B OS-MW-043B(12092020)-B3 2020-12-09 460-224751-19 WG N Y	OS-MW-047B OS-MW-047B(10282019)-B3 2019-10-28 480-161791-2 WG N Y	OS-MW-047C OS-MW-047C(10282019)-B3 2019-10-28 480-161791-3 WG N Y	OS-MW-048A OS-MW-048A(12192019)-B1 2019-12-19 480-164474-9 WG N Y	OS-MW-049B OS-MW-049B(12082020)-B1 2020-12-08 460-224802-5 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	0.0002 U	0.0002 U	0.0002 U	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	5 U	na	na	na	5 U
Alkalinity, Total (As CaCO3)	mg/l			na	244	na	na	na	260
Bicarbonate	mg/l			na	244	156	215	591	260
Carbonate	mg/l			na	5 U	5 U	5 U	5 U	5 U
Chloride	mg/l		250	na	112	105	112	384	253
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.8	8.14	7.67	7.66	7.41	8.16
Sulfate	mg/l		250	na	25.4	49.7	49.9	241	55.2
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			21.5	19.6	19.3	19.5	20.1	20.2
Total Organic Carbon	mg/l			2.1	1.4	0.94 J	0.62 J	5.1	1.4 J
Metals, Dissolved									
Calcium	mg/l			na	na	58.3	85.9	245	na
Calcium	ug/l			na	79300	na	na	na	112000
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	15.3	17.9	121	na
Magnesium	ug/l	35000		na	18800	na	na	na	17700
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	10.4	2.8	18.1	na
Potassium	ug/l			na	3390 J	na	na	na	8090
Sodium	mg/l		20	na	na	60.5	67	79.3	na
Sodium	ug/l		20000	na	68200	na	na	na	132000
Metals, Total									
Aluminum	mg/l			na	na	0.068 J	0.21	0.1 J	na
Antimony	mg/l		0.003	na	na	0.02 U	0.02 U	0.02 U	na
Arsenic	mg/l		0.025	na	na	0.015 U	0.015 U	0.015 U	na
Barium	mg/l		1	na	na	0.48	0.47	0.079	na
Beryllium	mg/l	0.003		na	na	0.002 U	0.002 U	0.002 U	na
Cadmium	mg/l		0.005	na	na	0.002 U	0.002 U	0.00061 J	na
Calcium	mg/l			na	na	80.6	85.5	242	na
Chromium, Total	mg/l		0.05	na	na	0.025	0.004 U	0.004 U	na
Cobalt	mg/l			na	na	0.004 U	0.004 U	0.0022 J	na
Copper	mg/l		0.2	na	na	0.01 U	0.01 U	0.01 U	na
Iron	mg/l		0.3	na	na	0.048 J	0.58	0.5	na
Lead	mg/l		0.025	na	na	0.01 U	0.01 U	0.01 U	na
Magnesium	mg/l	35		na	na	16.2	17.9	115	na
Manganese	mg/l		0.3	na	na	0.33	0.51	2.1	na
Nickel	mg/l		0.1	na	na	0.01 U	0.01 U	0.0017 J	na
Potassium	mg/l			na	na	10.7	2.9	17.2	na
Selenium	mg/l		0.01	na	na	0.025 U	0.025 U	0.025 U	na
Silver	mg/l		0.05	na	na	0.006 U	0.006 U	0.006 U	na
Sodium	mg/l		20	na	na	62.7	66.8	77.1	na
Thallium	mg/l	0.0005		na	na	0.02 U	0.02 U	0.02 U	na
Vanadium	mg/l			na	na	0.005 U	0.005 U	0.005 U	na
Zinc	mg/l	2		na	na	0.01 U	0.01 U	0.0048 J	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.2 U	0.11 J	0.13 J	0.2 U	0.33
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-043A OS-MW-043A (02032021) 2021-02-03 460-227796-4 WG N Y	OS-MW-043B OS-MW-043B(12092020)-B3 2020-12-09 460-224751-19 WG N Y	OS-MW-047B OS-MW-047B(10282019)-B3 2019-10-28 480-161791-2 WG N Y	OS-MW-047C OS-MW-047C(10282019)-B3 2019-10-28 480-161791-3 WG N Y	OS-MW-048A OS-MW-048A(12192019)-B1 2019-12-19 480-164474-9 WG N Y	OS-MW-049B OS-MW-049B(12082020)-B1 2020-12-08 460-224802-5 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	2.7	5900	1 U	1 U	1 U	39
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	14 J	1 U	1 U	1 U	0.34 J
1,1-Dichloroethane	ug/l		5	3.6	1200	1 U	1 U	1 U	26
1,1-Dichloroethene	ug/l		5	1 U	76	1 U	1 U	1 U	18
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	20 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	20 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	20 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	20 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	100 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		5 U	150	10 U	10 U	10 U	5 U
Benzene	ug/l		1	1 U	20 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	20 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	20 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1 U	20 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	20 U	1 U	1 U	1 U	0.49 J
Chloromethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	10 J	1 U	1 U	1 U	2.4
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	20 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	20 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	20 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			5 U	100 U	2.5 U	2.5 U	2.5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	100 U	10 U	10 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	100 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	20 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	20 U	1 U	1 U	1 U	0.39 J
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	20 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	12 J	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	20 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	32	3700	1 U	1 U	8.7	97
Trichlorofluoromethane	ug/l		5	1 U	20 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	20 U	1 U	1 U	1 U	0.52 J
Xylenes	ug/l		5	2 U	40 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-049C OS-MW-049C(12082020)-B1 2020-12-08 460-224802-6 WG N Y	OS-MW-050B OS-MW-050B(12082020)-B2 2020-12-08 460-224802-7 WG N Y	OS-MW-050C OS-MW-050C(12092020)-B3 2020-12-09 460-224751-18 WG N Y	OS-MW-051B OS-MW-051B(12102020)-B5 2020-12-10 460-224806-15 WG N Y	OS-MW-051C OS-MW-051C(12102020)-B5 2020-12-10 460-224806-16 WG N Y	OS-MW-052B OS-MW-052B(12112020)-B8 2020-12-11 460-224915-15 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/l			267	265	247	243	295	270
Bicarbonate	mg/l			267	265	247	243	295	270
Carbonate	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Chloride	mg/l		250	303	270	310	197	95.3	101
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8.17	8.12	7.99	7.98	8.09	7.9
Sulfate	mg/l		250	54.2	46	58.9	47.7	3.4 J	27.2
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			20.4	19.9	19.6	19.4	19.3	21.4
Total Organic Carbon	mg/l			2.2 J	1.3	0.73 J	0.72 J	0.7 J	1
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			119000	106000 U	123000	85300	49000	70700
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na
Magnesium	ug/l		35000	20200	16500 U	25100	17200	19100	26000
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			6880	5720 U	5030	6570	5660	7540
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	163000	156000	135000	110000	93400	105000
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l		0.003	na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l		0.0005	na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l		2	na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.26	0.56	1.1	0.16 J	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l			1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l		50	na	na	na	na	na	na
Atrazine	ug/l			7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l			0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na

Table 19
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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-049C OS-MW-049C(12082020)-B1 2020-12-08 460-224802-6 WG N Y	OS-MW-050B OS-MW-050B(12082020)-B2 2020-12-08 460-224802-7 WG N Y	OS-MW-050C OS-MW-050C(12092020)-B3 2020-12-09 460-224751-18 WG N Y	OS-MW-051B OS-MW-051B(12102020)-B5 2020-12-10 460-224806-15 WG N Y	OS-MW-051C OS-MW-051C(12102020)-B5 2020-12-10 460-224806-16 WG N Y	OS-MW-052B OS-MW-052B(12112020)-B8 2020-12-11 460-224915-15 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	130	310	76	21	640	0.34 J
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1.2	0.57 J	0.41 J	3.8 J	1 U
1,1-Dichloroethane	ug/l		5	9.1	47	150	31	380	1 U
1,1-Dichloroethene	ug/l		5	4.7	26	31	23	17	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	10 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	10 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	10 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	0.47 J	1 U	0.47 J	10 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	10 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	10 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	10 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	50 U	5 U
Acetone	ug/l	50		5 U	5 U	5 U	5 U	260	5 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	10 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	10 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	10 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U	10 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Chloroform	ug/l		7	0.72 J	0.53 J	1 U	0.37 J	10 U	1 U
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1.6	7.6	4.9	5.9	4.2 J	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	10 U	1 U
Cyclohexane	ug/l			1 U	1 U	1.2	1 U	10 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U	10 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			5 U	5 U	5 U	5 U	50 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	5 U	50 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	50 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	10 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	10 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	0.4 J	0.75 J	1 U	0.55 J	10 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	7.3 J	1 U
Trans-1,2-Dichloroethene	ug/l		5	0.24 J	0.8 J	0.3 J	0.88 J	10 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	10 U	1 U
Trichloroethylene (TCE)	ug/l		5	100	320	790	330 J	4400	0.53 J
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	10 U	1 U
Vinyl Chloride	ug/l		2	1 U	0.84 J	2.8	0.61 J	10 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	20 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-052C JS-DUP-01(12112020)-B4 2020-12-11 460-224915-14 WG FD Y	OS-MW-052C OS-MW-052C(12112020)-B4 2020-12-11 460-224915-16 WG N Y	OS-MW-053B OS-MW-053B(12112020)-B8 2020-12-11 460-224915-13 WG N Y	OS-MW-053C OS-MW-053C(12112020)-B8 2020-12-11 460-224915-12 WG N Y	OS-MW-054B OS-MW-054B(12082020)-B1 2020-12-08 460-224802-9 WG N Y	OS-MW-054C OS-MW-054C(12072020)-B2 2020-12-07 460-224737-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/l			270	227	250	298	218	215
Bicarbonate	mg/l			270	227	250	298	218	215
Carbonate	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Chloride	mg/l		250	147	150	98.8	131	106	115
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	7.88	8.25	8.26	7.99	8.28	8.06
Sulfate	mg/l		250	6.4 J	6.2 J	22	2.2 J	31.4	34
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			21.4	21.4	21.5	21.3	20.3	21.3
Total Organic Carbon	mg/l			4.7	4.7	0.89 J	2	1.2 J	0.92 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			63100	81800	72100	61200	83500	83000 U
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l			na	na	na	na	na	na
Magnesium	ug/l	35		23100	18700	17800	21500	17100	18800 U
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			6960 J	1840 J	2960 J	6000	1610 J	5000 U
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	95100 J	60700 J	71100	99100	59400	62600 U
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	0.2 U	0.2 U	0.2 U	0.077 J	0.2 U
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na	na

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-052C JS-DUP-01(12112020)-B4 2020-12-11 460-224915-14 WG FD Y	OS-MW-052C OS-MW-052C(12112020)-B4 2020-12-11 460-224915-16 WG N Y	OS-MW-053B OS-MW-053B(12112020)-B8 2020-12-11 460-224915-13 WG N Y	OS-MW-053C OS-MW-053C(12112020)-B8 2020-12-11 460-224915-12 WG N Y	OS-MW-054B OS-MW-054B(12082020)-B1 2020-12-08 460-224802-9 WG N Y	OS-MW-054C OS-MW-054C(12072020)-B2 2020-12-07 460-224737-4 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	300000	280000	1 U	70000	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	480 J	320 J	1 U	89 J	1 U	1 U
1,1-Dichloroethane	ug/l		5	10000	11000	0.32 J	10000	1 U	1 U
1,1-Dichloroethene	ug/l		5	1400	1200	1 U	480	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1000 U	1000 U	1 U	250 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1000 U	1000 U	1 U	250 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1000 U	1000 U	1 U	250 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1000 U	1000 U	1 U	250 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1000 U	1000 U	1 U	250 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1000 U	1000 U	1 U	250 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1000 U	1000 U	1 U	250 U	1 U	1 U
2-Hexanone	ug/l	50		5000 U	5000 U	5 U	1300 U	5 U	5 U
Acetone	ug/l	50		5000 U	5000 U	5 U	1300 U	5 U	5 U
Benzene	ug/l		1	1000 U	1000 U	1 U	250 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1000 U	1000 U	1 U	250 U	1 U	1 U
Bromoform	ug/l	50		1000 U	1000 U	1 U	250 U	1 U	1 U
Bromomethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Carbon Disulfide	ug/l	60		1000 U	1000 U	1 U	250 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Chlorobenzene	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Chloroethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 UJ
Chloroform	ug/l		7	1000 U	1000 U	1 U	250 U	1 U	1 U
Chloromethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1000 U	1000 U	1 U	63 J	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1000 U	1000 U	1 U	250 U	1 U	1 U
Cyclohexane	ug/l			1000 U	1000 U	1 U	250 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1000 U	1000 U	1 U	250 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Ethylbenzene	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			5000 U	5000 U	5 U	1300 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5000 U	5000 U	5 U	1300 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5000 U	5000 U	5 U	1300 U	5 U	5 U
Methylcyclohexane	ug/l			1000 U	1000 U	1 U	250 U	1 U	1 U
Methylene Chloride	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1000 U	1000 U	1 U	250 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Toluene	ug/l		5	1200	1100	1 U	300	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1000 U	1000 U	1 U	250 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	240000	230000	1 U	110000	1 U	1 U
Trichlorofluoromethane	ug/l		5	1000 U	1000 U	1 U	250 U	1 U	1 U
Vinyl Chloride	ug/l		2	1000 U	1000 U	1 U	250 U	1 U	1 U
Xylenes	ug/l		5	2000 U	2000 U	2 U	500 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-055C OS-MW-055C(12082020)-B1 2020-12-08 460-224802-11 WG N Y	OS-MW-055D OS-MW-055D(12072020)-B2 2020-12-07 460-224737-5 WG N Y	OS-MW-056B OS-MW-056B(12082020)-B2 2020-12-08 460-224802-13 WG N Y	OS-MW-056C OS-MW-056C(12072020)-B1 2020-12-07 460-224737-6 WG N Y	OS-MW-057B OS-MW-057B(12082020)-B1 2020-12-08 460-224802-12 WG N Y	OS-MW-057C OS-MW-057C(12082020)-B2 2020-12-08 460-224802-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
(None)									
Mercury	mg/l		0.0007	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na
General Chemistry									
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/l			223	217	237	235	238	237
Bicarbonate	mg/l			223	217	237	235	238	237
Carbonate	mg/l			5 U	5 U	5 U	5 U	5 U	5 U
Chloride	mg/l		250	136	117	237	107	188	105
Ethane	ug/l			na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na
pH	ph units		8.5	8.34	8.08	8.27	8.2	8.35	8.32
Sulfate	mg/l		250	37	34.2	37.1	29.4	34.6	29.1
Sulfide	mg/l			na	na	na	na	na	na
Temperature	deg c			20.5	21.2	20.4	21.4	20.8	20.4
Total Organic Carbon	mg/l			1.4 J	0.82 J	1.3	1.1	1.4 J	0.92 J
Metals, Dissolved									
Calcium	mg/l			na	na	na	na	na	na
Calcium	ug/l			88300	78500 U	86300 U	70400	85600	69500 U
Iron	mg/l		0.3	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na
Magnesium	ug/l		35000	18400	18500 U	13800 U	16700	13800	17800 U
Manganese	mg/l		0.3	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Potassium	ug/l			2530 J	5000 U	5000 U	3180 J	4110 J	5000 U
Sodium	mg/l		20	na	na	na	na	na	na
Sodium	ug/l		20000	72200	61900 U	122000	78400	121000	66000 U
Metals, Total									
Aluminum	mg/l			na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na
Beryllium	mg/l		0.003	na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na
Thallium	mg/l		0.0005	na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na
Zinc	mg/l		2	na	na	na	na	na	na
Other									
BVCA Reductase	Cells/mL			na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na
PCBs									
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na
Pesticides									
Aldrin	ug/l			na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na
SVOCs									
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2	0.2 U	1.3	0.2 U	0.71	0.096 J
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l			1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na	na
Anthracene	ug/l		50	na	na	na	na	na	na
Atrazine	ug/l			7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na	na
Benzo(A)Anthracene	ug/l		0.002	na	na	na	na	na	na
Benzo(A)Pyrene	ug/l			0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002	na	na	na	na	na	na

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-055C OS-MW-055C(12082020)-B1 2020-12-08 460-224802-11 WG N Y	OS-MW-055D OS-MW-055D(12072020)-B2 2020-12-07 460-224737-5 WG N Y	OS-MW-056B OS-MW-056B(12082020)-B2 2020-12-08 460-224802-13 WG N Y	OS-MW-056C OS-MW-056C(12072020)-B1 2020-12-07 460-224737-6 WG N Y	OS-MW-057B OS-MW-057B(12082020)-B1 2020-12-08 460-224802-12 WG N Y	OS-MW-057C OS-MW-057C(12082020)-B2 2020-12-08 460-224802-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	1.4	1 U	730	58	510	2.4
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1.1 J	0.34 J	1.3 J	1 U
1,1-Dichloroethane	ug/l		5	9.1	1 U	38	89	29	250
1,1-Dichloroethene	ug/l		5	0.44 J	1 U	25	5.8	13	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	2 U	1 U	2 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	2 U	1 U	2 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	2 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	0.93 J	1 U	2 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	2 U	1 U	2 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	2 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	2 U	1 U	2 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	10 U	5 U	10 U	5 U
Acetone	ug/l	50		5 U	5 U	10 U	5 U	10 U	5 U
Benzene	ug/l		1	1 U	1 U	2 U	1 U	2 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	2 U	1 U	2 U	1 U
Bromoform	ug/l	50		1 U	1 U	2 U	1 U	2 U	1 U
Bromomethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	2 U	1 U	2 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Chloroethane	ug/l		5	1 U	1 UJ	2 U	1 UJ	2 U	1 U
Chloroform	ug/l		7	1 U	1 U	2 U	1 U	0.69 J	1 U
Chloromethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	17	0.52 J	6.5	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	1 U	2 U	1 U
Cyclohexane	ug/l			1 U	1 U	2 U	1 U	2 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	2 U	1 U	2 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			5 U	5 U	10 U	5 U	10 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	10 U	5 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	10 U	5 U	10 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	2 U	1 U	2 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	0.76 J	1 U	0.87 J	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	2 U	1 U	2 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1.4 J	1 U	0.59 J	1 U
Toluene	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	2.5	1 U	1.8 J	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	2 U	1 U	2 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	1 U	900	130	570	1.5
Trichlorofluoromethane	ug/l		5	1 U	1 U	2 U	1 U	2 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	0.49 J	0.26 J	2 U	1 U
Xylenes	ug/l		5	2 U	2 U	4 U	2 U	4 U	2 U

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µg/L - micrograms per liter
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J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

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Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N	OS-MW-058B OS-MW-058B(12082020)-B2 2020-12-08 460-224802-15 WG N Y	OS-MW-058C OS-MW-058C(12082020)-B1 2020-12-08 460-224802-14 WG N Y	OS-MW-059B OS-MW-059B(12112020)-B9 2020-12-11 460-224915-9 WG N Y	OS-MW-059C OS-MW-059C(12112020)-B7 2020-12-11 460-224915-8 WG N Y	OS-MW-060B OS-MW-060B(12112020)-B4 2020-12-11 460-224915-10 WG N Y	OS-MW-061B OS-MW-061B(12102020)-B6 2020-12-10 460-224806-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD							
(None)										
Mercury	mg/l		0.0007	na	na	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na	na	na
General Chemistry										
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	5 U	5 U	5 U	5 U	5 U	5 U
Alkalinity, Total (As CaCO3)	mg/l			227	237	85.4	251	140	72.4	
Bicarbonate	mg/l			227	237	82.9	251	140	65.3	
Carbonate	mg/l			5 U	5 U	5 U	5 U	5 U	7.1	
Chloride	mg/l		250	173	138	75.6	75	9	5.3	
Ethane	ug/l			na	na	na	na	na	na	na
Ethene	ug/l			na	na	na	na	na	na	na
Methane	ug/l			na	na	na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na	na	na
pH	ph units		8.5	8.37	8.26	8.42	8.66	8.25	8.82	
Sulfate	mg/l		250	30.9	31.5	33.6	2.7 J	8.8	30.2	
Sulfide	mg/l			na	na	na	na	na	na	na
Temperature	deg c			20.8	20.7	21.4	21.5	21.5	19.6	
Total Organic Carbon	mg/l			1.2	1.2 J	1.1	1.1	0.89 J	0.69 J	
Metals, Dissolved										
Calcium	mg/l			na	na	na	na	na	na	na
Calcium	ug/l			83700 U	88300	200000	23600	28600	64500	
Iron	mg/l		0.3	na	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na	na
Magnesium	ug/l		35000	13700 U	19500	29300	12700	6430	11800	
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Potassium	ug/l			5000 U	2680 J	12300	26300	3070 J	4400 J	
Sodium	mg/l		20	na	na	na	na	na	na	na
Sodium	ug/l		20000	106000 U	75900	42100	85200	20700	18600	
Metals, Total										
Aluminum	mg/l			na	na	na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na	na	na
Beryllium	mg/l		0.003	na	na	na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na	na	na
Magnesium	mg/l		35	na	na	na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na	na	na
Thallium	mg/l		0.0005	na	na	na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na	na	na
Zinc	mg/l		2	na	na	na	na	na	na	na
Other										
BVCA Reductase	Cells/mL			na	na	na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na	na	na
PCBs										
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na	na	na
Pesticides										
Aldrin	ug/l			na	na	na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na	na	na
SVOCs										
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	1.2	0.29	0.2 U	0.2 U	0.2 U	0.094 J	
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na	na	na
2,4-Dimethylphenol	ug/l		50	1	na	na	na	na	na	na
2,4-Dinitrophenol	ug/l			1	na	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na	na	na
2-Chloronaphthalene	ug/l		10	na	na	na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na	na	na
Acenaphthene	ug/l		20	20	na	na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-058B OS-MW-058B(12082020)-B2 2020-12-08 460-224802-15 WG N Y	OS-MW-058C OS-MW-058C(12082020)-B1 2020-12-08 460-224802-14 WG N Y	OS-MW-059B OS-MW-059B(12112020)-B9 2020-12-11 460-224915-9 WG N Y	OS-MW-059C OS-MW-059C(12112020)-B7 2020-12-11 460-224915-8 WG N Y	OS-MW-060B OS-MW-060B(12112020)-B4 2020-12-11 460-224915-10 WG N Y	OS-MW-061B OS-MW-061B(12102020)-B6 2020-12-10 460-224806-7 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD						
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na	na
VOCs									
1,1,1-Trichloroethane (TCA)	ug/l		5	410	1200	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1.7 J	12 J	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	15	2000	1 U	1 U	1 U	1 U
1,1-Dichloroethene	ug/l		5	7.7	120	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	2 U	20 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	2 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	2 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	2 U	20 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	2 U	20 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	2 U	20 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	2 U	20 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		10 U	100 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		10 U	100 U	5 U	5 U	5 U	5 U
Benzene	ug/l		1	2 U	20 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na	na
Bromodichloromethane	ug/l	50		2 U	20 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		2 U	20 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		2 U	20 U	1 U	1 U	2.4	1 U
Carbon Tetrachloride	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	2 U	20 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	7.1	14 J	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	2 U	20 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			2 U	20 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na	na
Dibromochloromethane	ug/l	50		2 U	20 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na	na
Methyl Acetate	ug/l			10 U	100 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	100 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			10 U	100 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			2 U	20 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	0.66 J	20 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na	na
Styrene	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		2 U	20 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1.3 J	20 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	2 U	20 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	230	5700	1 U	1 U	1 U	1 U
Trichlorofluoromethane	ug/l		5	2 U	20 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	2 U	6.5 J	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	4 U	40 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

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Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-061B OS-MW-061B (02022021)-B10 2021-02-02 460-227614-12 WG N Y	OS-MW-061C OS-MW-061C(12102020)-B7 2020-12-10 460-224806-8 WG N Y	OS-MW-061C OS-MW-061C (02012021)-B7 2021-02-01 460-227614-11 WG N Y	OS-MW-061D OS-MW-061D(12102020)-B6 2021-02-01 460-224806-6 WG N Y	OS-MW-061D OS-MW-061D (02012021)-B7 2021-02-01 460-227614-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007	na	na	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	5 U	na	5 U	na
Alkalinity, Total (As CaCO3)	mg/l			na	326	na	509	na
Bicarbonate	mg/l			na	326	na	509	na
Carbonate	mg/l			na	5 U	na	5 U	na
Chloride	mg/l		250	na	61.8	na	644	na
Ethane	ug/l			na	na	na	na	na
Ethene	ug/l			na	na	na	na	na
Methane	ug/l			na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na
pH	ph units		8.5	8.48	8.37	8.39	8.1	8.1
Sulfate	mg/l		250	na	5.3	na	20 U	na
Sulfide	mg/l			na	na	na	na	na
Temperature	deg c			22.1	19.8	22.1	19.3	21.7
Total Organic Carbon	mg/l			1 U	1.2	1	5	2.4
Metals, Dissolved								
Calcium	mg/l			na	na	na	na	na
Calcium	ug/l			na	43900	na	95500	na
Iron	mg/l		0.3	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na
Magnesium	ug/l	35000		na	15300	na	44000	na
Manganese	mg/l		0.3	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na
Potassium	ug/l			na	21500	na	14700	na
Sodium	mg/l		20	na	na	na	na	na
Sodium	ug/l		20000	na	93800	na	412000	na
Metals, Total								
Aluminum	mg/l			na	na	na	na	na
Antimony	mg/l		0.003	na	na	na	na	na
Arsenic	mg/l		0.025	na	na	na	na	na
Barium	mg/l		1	na	na	na	na	na
Beryllium	mg/l	0.003		na	na	na	na	na
Cadmium	mg/l		0.005	na	na	na	na	na
Calcium	mg/l			na	na	na	na	na
Chromium, Total	mg/l		0.05	na	na	na	na	na
Cobalt	mg/l			na	na	na	na	na
Copper	mg/l		0.2	na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na
Lead	mg/l		0.025	na	na	na	na	na
Magnesium	mg/l	35		na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na
Nickel	mg/l		0.1	na	na	na	na	na
Potassium	mg/l			na	na	na	na	na
Selenium	mg/l		0.01	na	na	na	na	na
Silver	mg/l		0.05	na	na	na	na	na
Sodium	mg/l		20	na	na	na	na	na
Thallium	mg/l	0.0005		na	na	na	na	na
Vanadium	mg/l			na	na	na	na	na
Zinc	mg/l	2		na	na	na	na	na
Other								
BVCA Reductase	Cells/mL			na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na
Pesticides								
Aldrin	ug/l			na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	na	0.2 U	na	0.2 U	na
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-061B OS-MW-061B (02022021)-B10 2021-02-02 460-227614-12 WG N Y	OS-MW-061C OS-MW-061C(12102020)-B7 2020-12-10 460-224806-8 WG N Y	OS-MW-061C OS-MW-061C (02012021)-B7 2021-02-01 460-227614-11 WG N Y	OS-MW-061D OS-MW-061D(12102020)-B6 2020-12-10 460-224806-6 WG N Y	OS-MW-061D OS-MW-061D (02012021)-B7 2021-02-01 460-227614-10 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na
VOCs								
1,1,1-Trichloroethane (TCA)	ug/l		5	na	1 U	na	1 U	na
1,1,2,2-Tetrachloroethane	ug/l		5	na	1 U	na	1 U	na
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	na	1 U	na	1 U	na
1,1,2-Trichloroethane	ug/l		1	na	1 U	na	1 U	na
1,1-Dichloroethane	ug/l		5	na	1 U	na	1 U	na
1,1-Dichloroethene	ug/l		5	na	1 U	na	1 U	na
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	na	1 U	na	1 U	na
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	na	1 U	na	1 U	na
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	na	1 U	na	1 U	na
1,2-Dichlorobenzene	ug/l		3	na	1 U	na	1 U	na
1,2-Dichloroethane	ug/l		0.6	na	1 U	na	1 U	na
1,2-Dichloropropane	ug/l		1	na	1 U	na	1 U	na
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	na	1 U	na	1 U	na
1,4-Dichlorobenzene	ug/l		3	na	1 U	na	1 U	na
2-Hexanone	ug/l	50		na	5 U	na	5 U	na
Acetone	ug/l	50		na	5 U	na	5 U	na
Benzene	ug/l		1	na	1 U	na	1 U	na
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		na	1 U	na	1 U	na
Bromoform	ug/l	50		na	1 U	na	1 U	na
Bromomethane	ug/l		5	na	1 U	na	1 U	na
Carbon Disulfide	ug/l	60		na	1 U	na	1 U	na
Carbon Tetrachloride	ug/l		5	na	1 U	na	1 U	na
Chlorobenzene	ug/l		5	na	1 U	na	1 U	na
Chloroethane	ug/l		5	na	1 U	na	1 U	na
Chloroform	ug/l		7	na	1 U	na	1 U	na
Chloromethane	ug/l		5	na	1 U	na	1 U	na
Cis-1,2-Dichloroethylene	ug/l		5	na	1 U	na	1 U	na
Cis-1,3-Dichloropropene	ug/l		0.4	na	1 U	na	1 U	na
Cyclohexane	ug/l			na	1 U	na	1 U	na
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		na	1 U	na	1 U	na
Dichlorodifluoromethane	ug/l		5	na	1 U	na	1 U	na
Ethylbenzene	ug/l		5	na	1 U	na	1 U	na
Isopropylbenzene (Cumene)	ug/l		5	na	1 U	na	1 U	na
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			na	5 U	na	5 U	na
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		na	5 U	na	5 U	na
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			na	5 U	na	5 U	na
Methylcyclohexane	ug/l			na	1 U	na	1 U	na
Methylene Chloride	ug/l		5	na	1 U	na	1 U	na
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	na	1 U	na	1 U	na
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		na	1 U	na	1 U	na
Tetrachloroethylene (PCE)	ug/l		5	na	1 U	na	1 U	na
Toluene	ug/l		5	na	1 U	na	1 U	na
Trans-1,2-Dichloroethene	ug/l		5	na	1 U	na	1 U	na
Trans-1,3-Dichloropropene	ug/l		0.4	na	1 U	na	1 U	na
Trichloroethylene (TCE)	ug/l		5	na	1 U	na	1 U	na
Trichlorofluoromethane	ug/l		5	na	1 U	na	1 U	na
Vinyl Chloride	ug/l		2	na	1 U	na	1 U	na
Xylenes	ug/l		5	na	2 U	na	2 U	na

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-062C OS-MW-062C(12112020)-B9 2020-12-11 460-224915-11 WG N Y	OS-TMW-042B OS-TMW-042B(10232019)-B1 2019-10-23 480-161621-7 WG N Y	OS-TMW-043A OS-TMW-043A (10092019) 2019-10-09 480-160747-8 WG N Y	OS-TMW-043A OS-TMW-043A(12172019)-B6 2019-12-17 480-164415-11 WG N Y	OS-TMW-043A OS-MW-043A(12082020)-B1 2020-12-08 460-224802-8 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007	na	0.0002 U	na	na	na
Mercury	ug/l		0.7	na	na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l			5 U	na	na	na	5 U
Alkalinity, Total (As CaCO3)	mg/l			213	na	na	na	347
Bicarbonate	mg/l			213	265	na	na	347
Carbonate	mg/l			5 U	5 U	na	na	5 U
Chloride	mg/l		250	137	183	na	na	500
Ethane	ug/l			na	na	7.5 U	na	na
Ethene	ug/l			na	na	7 U	na	na
Methane	ug/l			na	na	4 U	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na
pH	ph units		8.5	8.34	7.74	7.37	8.15	8.1
Sulfate	mg/l		250	36.7	53.2	na	na	16.5
Sulfide	mg/l			na	na	na	na	na
Temperature	deg c			21.3	18.2	19.5	19.8	20.3
Total Organic Carbon	mg/l			1.4	0.58 J	3.2	1.4 J	3.4
Metals, Dissolved								
Calcium	mg/l			na	71	na	na	na
Calcium	ug/l			59600	na	na	na	71700
Iron	mg/l		0.3	na	na	na	na	na
Magnesium	mg/l	35		na	14.5	na	na	na
Magnesium	ug/l	35000		12000	na	na	na	8820
Manganese	mg/l		0.3	na	na	na	na	na
Potassium	mg/l			na	12.7	na	na	na
Potassium	ug/l			7210	na	na	na	3580 J
Sodium	mg/l		20	na	138	na	na	na
Sodium	ug/l		20000	72500	na	na	na	385000
Metals, Total								
Aluminum	mg/l			na	0.11 J	na	na	na
Antimony	mg/l		0.003	na	0.02 U	na	na	na
Arsenic	mg/l		0.025	na	0.015 U	na	na	na
Barium	mg/l		1	na	0.081	na	na	na
Beryllium	mg/l	0.003		na	0.002 U	na	na	na
Cadmium	mg/l		0.005	na	0.002 U	na	na	na
Calcium	mg/l			na	72.7	na	na	na
Chromium, Total	mg/l		0.05	na	0.004 U	na	na	na
Cobalt	mg/l			na	0.004 U	na	na	na
Copper	mg/l		0.2	na	0.01 U	na	na	na
Iron	mg/l		0.3	na	1.1	na	na	na
Lead	mg/l		0.025	na	0.01 U	na	na	na
Magnesium	mg/l	35		na	15.3	na	na	na
Manganese	mg/l		0.3	na	0.23	na	na	na
Nickel	mg/l		0.1	na	0.01 U	na	na	na
Potassium	mg/l			na	13.2	na	na	na
Selenium	mg/l		0.01	na	0.025 U	na	na	na
Silver	mg/l		0.05	na	0.006 U	na	na	na
Sodium	mg/l		20	na	144	na	na	na
Thallium	mg/l	0.0005		na	0.02 U	na	na	na
Vanadium	mg/l			na	0.005 U	na	na	na
Zinc	mg/l	2		na	0.01 U	na	na	na
Other								
BVCA Reductase	Cells/mL			na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na
Pesticides								
Aldrin	ug/l			na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	0.26	na	na	0.91
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-MW-062C OS-MW-062C(12112020)-B9 2020-12-11 460-224915-11 WG N Y	OS-TMW-042B OS-TMW-042B(10232019)-B1 2019-10-23 480-161621-7 WG N Y	OS-TMW-043A OS-TMW-043A (10092019) 2019-10-09 480-160747-8 WG N Y	OS-TMW-043A OS-TMW-043A(12172019)-B6 2019-12-17 480-164415-11 WG N Y	OS-TMW-043A OS-MW-043A(12082020)-B1 2020-12-08 460-224802-8 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na
VOCs								
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	22	5.1	2.4	3.1
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	4.5	4.2	2.3	3.8
1,1-Dichloroethene	ug/l		5	1 U	0.79 J	0.35 J	1 U	0.46 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U	5 U
Acetone	ug/l	50		5 U	10 U	10 U	10 U	5 U
Benzene	ug/l		1	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	1 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	ug/l	60		1.4	1 U	1 U	1 U	1 U
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	1 U	1 U
Chloromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 UJ	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			5 U	2.5 U	2.5 U	2.5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	10 U	10 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U	1 U
Toluene	ug/l		5	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	ug/l		5	1 U	14	1 U	1 U	1 U
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	2 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-043B OS-TMW-043B(10232019)-B1 2019-10-23 480-161621-8 WG N Y	OS-TMW-043B OS-TMW-043B(12172019-B1 2019-12-17 460-199325-3 WG N Y	OS-TMW-043B OS-TMW-043B-WG-20191217-02 2019-12-17 OS-TMW-043B-WG-20191217-02 WG N N	OS-TMW-044 OS-TMW-044(8-10)(09262019) 2019-09-26 480-159941-2 WG N Y	OS-TMW-044 OS-TMW-044(120-130)(09272019) 2019-09-27 480-159941-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007		0.0002 U	na	na	0.00012 J
Mercury	ug/l		0.7		na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l				na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l				na	na	na	na
Bicarbonate	mg/l				245	na	na	162
Carbonate	mg/l				5 U	na	na	5 U
Chloride	mg/l		250		136	na	na	65.7
Ethane	ug/l				na	na	na	na
Ethene	ug/l				na	na	na	na
Methane	ug/l				na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10		na	na	na	na
Nitrogen, Nitrite	mg/l		0.02		na	na	na	na
pH	ph units		8.5		7.85	na	na	7.47
Sulfate	mg/l		250		34.5	na	na	12.5
Sulfide	mg/l				na	na	na	na
Temperature	deg c				18.8	na	10.21	15.9
Total Organic Carbon	mg/l				1.7	na	na	0.97 J
Metals, Dissolved								
Calcium	mg/l				81.1	na	na	53.5
Calcium	ug/l				na	na	na	na
Iron	mg/l		0.3		na	na	na	na
Magnesium	mg/l		35		21.8	na	na	7.6
Magnesium	ug/l		35000		na	na	na	na
Manganese	mg/l		0.3		na	na	na	na
Potassium	mg/l				4	na	na	2.8
Potassium	ug/l				na	na	na	na
Sodium	mg/l		20		70.8	na	na	41.3
Sodium	ug/l		20000		na	na	na	na
Metals, Total								
Aluminum	mg/l				0.17 J	na	na	33.1
Antimony	mg/l		0.003		0.02 U	na	na	0.02 U
Arsenic	mg/l		0.025		0.015 U	na	na	0.012 J
Barium	mg/l		1		0.26	na	na	0.39
Beryllium	mg/l		0.003		0.002 U	na	na	0.0016 J
Cadmium	mg/l		0.005		0.002 U	na	na	0.002 U
Calcium	mg/l				83.3	na	na	66.2
Chromium, Total	mg/l		0.05		0.004 U	na	na	0.036
Cobalt	mg/l				0.004 U	na	na	0.023
Copper	mg/l		0.2		0.01 U	na	na	0.057
Iron	mg/l		0.3		0.95	na	na	52.3
Lead	mg/l		0.025		0.01 U	na	na	0.041
Magnesium	mg/l		35		23	na	na	22.6
Manganese	mg/l		0.3		0.65	na	na	1.8
Nickel	mg/l		0.1		0.01 U	na	na	0.05
Potassium	mg/l				4.1	na	na	10.7
Selenium	mg/l		0.01		0.025 U	na	na	0.025 U
Silver	mg/l		0.05		0.006 U	na	na	0.006 U
Sodium	mg/l		20		73.6	na	na	44.6
Thallium	mg/l		0.0005		0.02 U	na	na	0.02 U
Vanadium	mg/l				0.005 U	na	na	0.041
Zinc	mg/l		2		0.01 U	na	na	0.15
Other								
BVCA Reductase	Cells/mL				na	na	na	na
Cyanide	mg/l		0.2		na	na	na	na
Dehalobacter spp.	Cells/mL				na	na	na	na
Dehalococcoides	Cells/mL				na	na	na	na
Methane Oxidizing Bacteria	Cells/mL				na	na	na	na
Soluble Methane Monooxygenase	Cells/mL				na	na	na	na
TCEA Reductase	Cells/mL				na	na	na	na
Vinyl Chloride Reductase	Cells/mL				na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09		na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09		na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09		na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09		na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09		na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09		na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09		na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09		na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09		na	na	na	na
Pesticides								
Aldrin	ug/l				na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01		na	na	na	na
Alpha Endosulfan	ug/l				na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na
Beta Endosulfan	ug/l				na	na	na	na
cis-Chlordane	ug/l				na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04		na	na	na	na
Dieldrin	ug/l		0.004		na	na	na	na
Endosulfan Sulfate	ug/l				na	na	na	na
Endrin	ug/l		0		na	na	na	na
Endrin Aldehyde	ug/l		5		na	na	na	na
Endrin Ketone	ug/l		5		na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05		na	na	na	na
Heptachlor	ug/l		0.04		na	na	na	na
Heptachlor Epoxide	ug/l		0.03		na	na	na	na
Methoxychlor	ug/l		35		na	na	na	na
P,P'-DDD	ug/l		0.3		na	na	na	na
P,P'-DDE	ug/l		0.2		na	na	na	na
P,P'-DDT	ug/l		0.2		na	na	na	na
Toxaphene	ug/l		0.06		na	na	na	na
trans-Chlordane	ug/l				na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5		na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1		0.19 U	na	na	3.1 J
2,3,4,6-Tetrachlorophenol	ug/l				na	na	na	na
2,4,5-Trichlorophenol	ug/l				na	na	na	na
2,4,6-Trichlorophenol	ug/l				na	na	na	na
2,4-Dichlorophenol	ug/l		1		na	na	na	na
2,4-Dimethylphenol	ug/l		50		1	na	na	na
2,4-Dinitrophenol	ug/l				1	na	na	na
2,4-Dinitrotoluene	ug/l		5		na	na	na	na
2,6-Dinitrotoluene	ug/l		5		na	na	na	na
2-Chloronaphthalene	ug/l		10		na	na	na	na
2-Chlorophenol	ug/l				na	na	na	na
2-Methylnaphthalene	ug/l				na	na	na	na
2-Methylphenol (O-Cresol)	ug/l				na	na	na	na
2-Nitroaniline	ug/l		5		na	na	na	na
2-Nitrophenol	ug/l				na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5		na	na	na	na
3-Nitroaniline	ug/l		5		na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l				na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l				na	na	na	na
4-Chloro-3-Methylphenol	ug/l				na	na	na	na
4-Chloroaniline	ug/l		5		na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l				na	na	na	na
4-Methylphenol (P-Cresol)	ug/l				na	na	na	na
4-Nitroaniline	ug/l		5		na	na	na	na
4-Nitrophenol	ug/l				na	na	na	na
Acenaphthene	ug/l		20		20	na	na	na
Acenaphthylene	ug/l				na	na	na	na
Acetophenone	ug/l				na	na	na	na
Anthracene	ug/l		50		na	na	na	na
Atrazine	ug/l				7.5	na	na	na
Benzaldehyde	ug/l				na	na	na	na
Benzo(A)Anthracene	ug/l		0.002		na	na	na	na
Benzo(A)Pyrene	ug/l				0	na	na	na
Benzo(B)Fluoranthene	ug/l		0.002		na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-043B OS-TMW-043B(10232019)-B1 2019-10-23 480-161621-8 WG N Y	OS-TMW-043B OS-TMW-043B(12172019-B1 2019-12-17 460-199325-3 WG N Y	OS-TMW-043B OS-TMW-043B-WG-20191217-02 2019-12-17 OS-TMW-043B-WG-20191217-02 WG N N	OS-TMW-044 OS-TMW-044(8-10)(09262019) 2019-09-26 480-159941-2 WG N Y	OS-TMW-044 OS-TMW-044(120-130)(09272019) 2019-09-27 480-159941-1 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l		50	na	na	na	na	na
Fluoranthene	ug/l		50	na	na	na	na	na
Fluorene	ug/l		50	na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l		50	na	na	na	na	na
Naphthalene	ug/l		10	na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l		50	na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l		50	na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l		50	na	na	na	na	na
VOCs								
1,1,1-Trichloroethane (TCA)	ug/l		5	10000	4700	na	3.5	1 U
1,1,2,2-Tetrachloroethane	ug/l		5	200 U	10 U	na	2 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	200 U	10 U	na	2 U	1 U
1,1,2-Trichloroethane	ug/l		1	200 U	8.4 J	na	2 U	1 U
1,1-Dichloroethane	ug/l		5	2200	1300	na	11	1 U
1,1-Dichloroethene	ug/l		5	250	30	na	2	1 U
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	200 U	10 U	na	2 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	200 U	10 U	na	2 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	200 U	10 U	na	2 U	1 U
1,2-Dichlorobenzene	ug/l		3	200 U	10 U	na	2 U	1 U
1,2-Dichloroethane	ug/l		0.6	200 U	10 U	na	2 U	1 U
1,2-Dichloropropane	ug/l		1	200 U	10 U	na	2 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	200 U	10 U	na	2 U	1 U
1,4-Dichlorobenzene	ug/l		3	200 U	10 U	na	2 U	1 U
2-Hexanone	ug/l	50		1000 U	50 U	na	10 U	5 U
Acetone	ug/l	50		2000 U	250	na	20 U	10 U
Benzene	ug/l		1	200 U	10 U	na	2 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		200 U	10 U	na	2 U	1 U
Bromoform	ug/l	50		200 U	10 U	na	2 U	1 U
Bromomethane	ug/l		5	200 U	10 UJ	na	2 U	1 U
Carbon Disulfide	ug/l	60		200 U	10 U	na	2 U	1 U
Carbon Tetrachloride	ug/l		5	200 U	10 U	na	2 U	1 U
Chlorobenzene	ug/l		5	200 U	10 U	na	2 U	1 U
Chloroethane	ug/l		5	200 U	10 U	na	2 U	1 U
Chloroform	ug/l		7	200 U	10 U	na	2 U	1 U
Chloromethane	ug/l		5	200 U	10 U	na	2 U	1 U
Cis-1,2-Dichloroethylene	ug/l		5	200 U	4 J	na	2.6	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	200 U	10 U	na	2 U	1 U
Cyclohexane	ug/l			200 U	10 U	na	2 U	1 U
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		200 U	10 U	na	2 U	1 U
Dichlorodifluoromethane	ug/l		5	200 U	10 U	na	2 U	1 U
Ethylbenzene	ug/l		5	200 U	10 U	na	2 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	200 U	10 U	na	2 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			500 U	50 U	na	5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		2000 U	50 U	na	20 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			1000 U	50 U	na	10 U	5 U
Methylcyclohexane	ug/l			200 U	10 U	na	2 U	1 U
Methylene Chloride	ug/l		5	190 J	10 U	na	2 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	200 U	10 U	na	2 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		200 U	10 U	na	2 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	200 U	10 U	na	0.77 J	1 U
Toluene	ug/l		5	200 U	12	na	2 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	200 U	10 U	na	2 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	200 U	10 U	na	2 U	1 U
Trichloroethylene (TCE)	ug/l		5	13000	3300	na	110	1 U
Trichlorofluoromethane	ug/l		5	200 U	10 U	na	2 U	1 U
Vinyl Chloride	ug/l		2	200 U	10 U	na	2 U	1 U
Xylenes	ug/l		5	400 U	20 U	na	4 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-045 DUP-GW(09302019) 2019-09-30 480-160170-2 WG FD Y	OS-TMW-045 OS-TMW-045(13-17)(09302019) 2019-09-30 480-160170-1 WG N Y	OS-TMW-045 OS-TMW-045(102-107)(10012019) 2019-10-01 480-160464-1 WG N Y	OS-TMW-046 OS-TMW-046(20-25)(09252019) 2019-09-25 480-159900-1 WG N Y	OS-TMW-046 OS-TMW-046(30-35)(09252019) 2019-09-25 480-159900-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
(None)								
Mercury	mg/l		0.0007	0.0002 U	0.0002 U	0.0002 U	0.0012	0.00037
Mercury	ug/l		0.7	na	na	na	na	na
General Chemistry								
Alkalinity, Hydroxide (As CaCO3)	mg/l			na	na	na	na	na
Alkalinity, Total (As CaCO3)	mg/l			na	na	na	na	na
Bicarbonate	mg/l			123 J	123 J	51 J	182	145
Carbonate	mg/l			5 UJ	5 UJ	5 UJ	5 U	5 U
Chloride	mg/l		250	78.2	76.5	20.2	89.2	67.7
Ethane	ug/l			na	na	na	na	na
Ethene	ug/l			na	na	na	na	na
Methane	ug/l			na	na	na	na	na
Nitrogen, Nitrate (As N)	mg/l		10	na	na	na	na	na
Nitrogen, Nitrite	mg/l		0.02	na	na	na	na	na
pH	ph units		8.5	7.15	7.21	8.23	7.7	7.92
Sulfate	mg/l		250	15.2	15.3	5.2	20.6	14
Sulfide	mg/l			na	na	na	na	na
Temperature	deg c			20.5	20.4	20.4	20	19.6
Total Organic Carbon	mg/l			1.1	1	1 U	0.92 J	0.79 J
Metals, Dissolved								
Calcium	mg/l			46.7	45.9	17.3	59	44.8
Calcium	ug/l			na	na	na	na	na
Iron	mg/l		0.3	na	na	na	na	na
Magnesium	mg/l	35		7.2	7.1	3.1	8.4	7.1
Magnesium	ug/l	35000		na	na	na	na	na
Manganese	mg/l		0.3	na	na	na	na	na
Potassium	mg/l			3.7	3.6	2	3.8	4.8
Potassium	ug/l			na	na	na	na	na
Sodium	mg/l		20	46.6	45.7	11.7	69.7	48.3
Sodium	ug/l		20000	na	na	na	na	na
Metals, Total								
Aluminum	mg/l			na	na	3.1	264	34.2
Antimony	mg/l		0.003	na	na	0.02 U	0.1 U	0.02 U
Arsenic	mg/l		0.025	na	na	0.015 U	0.19	0.037
Barium	mg/l		1	na	na	0.04	3.2	0.73
Beryllium	mg/l	0.003		na	na	0.002 U	0.013	0.0025
Cadmium	mg/l		0.005	na	na	0.002 U	0.00067 J	0.016
Calcium	mg/l			na	na	20.5	92.6	65.4
Chromium, Total	mg/l		0.05	na	na	0.014	0.63	0.087
Cobalt	mg/l			na	na	0.0015 J	0.33	0.052
Copper	mg/l		0.2	na	na	0.0073 J	0.68	1.4
Iron	mg/l		0.3	na	na	5.4	497	93.1
Lead	mg/l		0.025	na	na	0.006 J	0.45	0.12
Magnesium	mg/l	35		na	na	4.5	110	23
Manganese	mg/l		0.3	na	na	0.11	19.2	7.9
Nickel	mg/l		0.1	na	na	0.0048 J	0.63	0.19
Potassium	mg/l			na	na	3	45.9	12.9
Selenium	mg/l		0.01	na	na	0.025 U	0.025 U	0.025 U
Silver	mg/l		0.05	na	na	0.006 U	0.004 J	0.006 U
Sodium	mg/l		20	na	na	13.2	56.6	47
Thallium	mg/l	0.0005		na	na	0.02 U	0.1 U	0.02 U
Vanadium	mg/l			na	na	0.0045 J	0.31	0.05
Zinc	mg/l	2		na	na	0.022	1.4	0.6
Other								
BVCA Reductase	Cells/mL			na	na	na	na	na
Cyanide	mg/l		0.2	na	na	na	na	na
Dehalobacter spp.	Cells/mL			na	na	na	na	na
Dehalococcoides	Cells/mL			na	na	na	na	na
Methane Oxidizing Bacteria	Cells/mL			na	na	na	na	na
Soluble Methane Monooxygenase	Cells/mL			na	na	na	na	na
TCEA Reductase	Cells/mL			na	na	na	na	na
Vinyl Chloride Reductase	Cells/mL			na	na	na	na	na
PCBs								
PCB-1016 (Aroclor 1016)	ug/l		0.09	na	na	na	na	na
PCB-1221 (Aroclor 1221)	ug/l		0.09	na	na	na	na	na
PCB-1232 (Aroclor 1232)	ug/l		0.09	na	na	na	na	na
PCB-1242 (Aroclor 1242)	ug/l		0.09	na	na	na	na	na
PCB-1248 (Aroclor 1248)	ug/l		0.09	na	na	na	na	na
PCB-1254 (Aroclor 1254)	ug/l		0.09	na	na	na	na	na
PCB-1260 (Aroclor 1260)	ug/l		0.09	na	na	na	na	na
PCB-1262 (Aroclor 1262)	ug/l		0.09	na	na	na	na	na
PCB-1268 (Aroclor 1268)	ug/l		0.09	na	na	na	na	na
Pesticides								
Aldrin	ug/l			na	na	na	na	na
Alpha Bhc (Alpha Hexachlorocyclohexane)	ug/l		0.01	na	na	na	na	na
Alpha Endosulfan	ug/l			na	na	na	na	na
Beta Bhc (Beta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Beta Endosulfan	ug/l			na	na	na	na	na
cis-Chlordane	ug/l			na	na	na	na	na
Delta BHC (Delta Hexachlorocyclohexane)	ug/l		0.04	na	na	na	na	na
Dieldrin	ug/l		0.004	na	na	na	na	na
Endosulfan Sulfate	ug/l			na	na	na	na	na
Endrin	ug/l		0	na	na	na	na	na
Endrin Aldehyde	ug/l		5	na	na	na	na	na
Endrin Ketone	ug/l		5	na	na	na	na	na
Gamma Bhc (Lindane)	ug/l		0.05	na	na	na	na	na
Heptachlor	ug/l		0.04	na	na	na	na	na
Heptachlor Epoxide	ug/l		0.03	na	na	na	na	na
Methoxychlor	ug/l		35	na	na	na	na	na
P,P'-DDD	ug/l		0.3	na	na	na	na	na
P,P'-DDE	ug/l		0.2	na	na	na	na	na
P,P'-DDT	ug/l		0.2	na	na	na	na	na
Toxaphene	ug/l		0.06	na	na	na	na	na
trans-Chlordane	ug/l			na	na	na	na	na
SVOCs								
1,2,4,5-Tetrachlorobenzene	ug/l		5	na	na	na	na	na
1,4-Dioxane (P-Dioxane)	ug/l		1	0.33	0.31	0.2 UJ	1.5 J	0.23
2,3,4,6-Tetrachlorophenol	ug/l			na	na	na	na	na
2,4,5-Trichlorophenol	ug/l			na	na	na	na	na
2,4,6-Trichlorophenol	ug/l			na	na	na	na	na
2,4-Dichlorophenol	ug/l		1	na	na	na	na	na
2,4-Dimethylphenol	ug/l	50	1	na	na	na	na	na
2,4-Dinitrophenol	ug/l		1	na	na	na	na	na
2,4-Dinitrotoluene	ug/l		5	na	na	na	na	na
2,6-Dinitrotoluene	ug/l		5	na	na	na	na	na
2-Chloronaphthalene	ug/l	10		na	na	na	na	na
2-Chlorophenol	ug/l			na	na	na	na	na
2-Methylnaphthalene	ug/l			na	na	na	na	na
2-Methylphenol (O-Cresol)	ug/l			na	na	na	na	na
2-Nitroaniline	ug/l		5	na	na	na	na	na
2-Nitrophenol	ug/l			na	na	na	na	na
3,3'-Dichlorobenzidine	ug/l		5	na	na	na	na	na
3-Nitroaniline	ug/l		5	na	na	na	na	na
4,6-Dinitro-2-Methylphenol	ug/l			na	na	na	na	na
4-Bromophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Chloro-3-Methylphenol	ug/l			na	na	na	na	na
4-Chloroaniline	ug/l		5	na	na	na	na	na
4-Chlorophenyl Phenyl Ether	ug/l			na	na	na	na	na
4-Methylphenol (P-Cresol)	ug/l			na	na	na	na	na
4-Nitroaniline	ug/l		5	na	na	na	na	na
4-Nitrophenol	ug/l			na	na	na	na	na
Acenaphthene	ug/l	20	20	na	na	na	na	na
Acenaphthylene	ug/l			na	na	na	na	na
Acetophenone	ug/l			na	na	na	na	na
Anthracene	ug/l	50		na	na	na	na	na
Atrazine	ug/l		7.5	na	na	na	na	na
Benzaldehyde	ug/l			na	na	na	na	na
Benzo(A)Anthracene	ug/l	0.002		na	na	na	na	na
Benzo(A)Pyrene	ug/l		0	na	na	na	na	na
Benzo(B)Fluoranthene	ug/l	0.002		na	na	na	na	na

Table 19
Analytical Results for Other Parameters from Groundwater Samples from Monitoring Wells
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample ID: Date: Laboratory Sample ID: Matrix: Sample Type: Validate - Y/N				OS-TMW-045 DUP-GW(09302019) 2019-09-30 480-160170-2 WG FD Y	OS-TMW-045 OS-TMW-045(13-17)(09302019) 2019-09-30 480-160170-1 WG N Y	OS-TMW-045 OS-TMW-045(102-107)(10012019) 2019-10-01 480-160464-1 WG N Y	OS-TMW-046 OS-TMW-046(20-25)(09252019) 2019-09-25 480-159900-1 WG N Y	OS-TMW-046 OS-TMW-046(30-35)(09252019) 2019-09-25 480-159900-2 WG N Y
Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD					
Benzo(G,H,I)Perylene	ug/l			na	na	na	na	na
Benzo(K)Fluoranthene	ug/l	0.002		na	na	na	na	na
Benzyl Butyl Phthalate	ug/l	50		na	na	na	na	na
Biphenyl (Diphenyl)	ug/l		5	na	na	na	na	na
Bis(2-Chloroethoxy) Methane	ug/l		5	na	na	na	na	na
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/l		1	na	na	na	na	na
Bis(2-Chloroisopropyl) Ether	ug/l		5	na	na	na	na	na
Bis(2-Ethylhexyl) Phthalate	ug/l		5	na	na	na	na	na
Caprolactam	ug/l			na	na	na	na	na
Carbazole	ug/l			na	na	na	na	na
Chrysene	ug/l	0.002		na	na	na	na	na
Dibenz(A,H)Anthracene	ug/l			na	na	na	na	na
Dibenzofuran	ug/l			na	na	na	na	na
Diethyl Phthalate	ug/l	50		na	na	na	na	na
Dimethyl Phthalate	ug/l	50		na	na	na	na	na
Di-N-Butyl Phthalate	ug/l		50	na	na	na	na	na
Di-N-Octylphthalate	ug/l	50		na	na	na	na	na
Fluoranthene	ug/l	50		na	na	na	na	na
Fluorene	ug/l	50		na	na	na	na	na
Hexachlorobenzene	ug/l		0.04	na	na	na	na	na
Hexachlorobutadiene	ug/l		0.5	na	na	na	na	na
Hexachlorocyclopentadiene	ug/l		5	na	na	na	na	na
Hexachloroethane	ug/l		5	na	na	na	na	na
Indeno(1,2,3-C,D)Pyrene	ug/l	0.002		na	na	na	na	na
Isophorone	ug/l	50		na	na	na	na	na
Naphthalene	ug/l	10		na	na	na	na	na
Nitrobenzene	ug/l		0.4	na	na	na	na	na
N-Nitrosodi-N-Propylamine	ug/l			na	na	na	na	na
N-Nitrosodiphenylamine	ug/l	50		na	na	na	na	na
Pentachlorophenol	ug/l		1	na	na	na	na	na
Phenanthrene	ug/l	50		na	na	na	na	na
Phenol	ug/l		1	na	na	na	na	na
Pyrene	ug/l	50		na	na	na	na	na
VOCs								
1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	1 U	500	16
1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	10 U	1 U
1,1-Dichloroethane	ug/l		5	1 U	1 U	3	19	1.9
1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	8.2 J	0.55 J
1,2,3-Trichlorobenzene	ug/l		5	na	na	na	na	na
1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	10 U	1 U
1,2,4-Trimethylbenzene	ug/l		5	na	na	na	na	na
1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	10 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	10 U	1 U
1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	10 U	1 U
1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	10 U	1 U
1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	10 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	ug/l		5	na	na	na	na	na
1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	10 U	1 U
1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	10 U	1 U
2-Hexanone	ug/l	50		5 U	5 U	5 U	50 U	5 U
Acetone	ug/l	50		10 U	10 U	10 U	100 U	10 U
Benzene	ug/l		1	1 U	1 U	1 U	10 U	1 U
Bromochloromethane	ug/l		5	na	na	na	na	na
Bromodichloromethane	ug/l	50		1 U	1 U	1 U	10 U	1 U
Bromoform	ug/l	50		1 U	1 U	1 U	10 U	1 U
Bromomethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
Carbon Disulfide	ug/l	60		1 U	1 U	1 U	10 U	0.23 J
Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	10 U	1 U
Chlorobenzene	ug/l		5	1 U	1 U	1 U	10 U	1 U
Chloroethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
Chloroform	ug/l		7	1 U	1 U	1 U	10 U	1 U
Chloromethane	ug/l		5	1 UJ	1 UJ	1 U	10 U	0.4 J
Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1 U	10 U	1 U
Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	10 U	1 U
Cyclohexane	ug/l			1 U	1 U	1 U	10 U	1 U
Cymene	ug/l		5	na	na	na	na	na
Dibromochloromethane	ug/l	50		1 U	1 U	1 U	10 U	1 U
Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
Ethylbenzene	ug/l		5	1 U	1 U	1 U	10 U	1 U
Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	10 U	1 U
m,p-Xylene	ug/l		5	na	na	na	na	na
Methyl Acetate	ug/l			2.5 U	2.5 U	2.5 U	25 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	ug/l	50		10 U	10 U	10 U	100 U	10 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	50 U	5 U
Methylcyclohexane	ug/l			1 U	1 U	1 U	10 U	1 U
Methylene Chloride	ug/l		5	1 U	1 U	1 U	10 U	1 U
N-Butylbenzene	ug/l		5	na	na	na	na	na
N-Propylbenzene	ug/l		50	na	na	na	na	na
O-Xylene (1,2-Dimethylbenzene)	ug/l		5	na	na	na	na	na
Sec-Butylbenzene	ug/l		5	na	na	na	na	na
Styrene	ug/l		5	1 U	1 U	1 U	10 U	1 U
T-Butylbenzene	ug/l		5	na	na	na	na	na
Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	10 U	1 U
Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	10 U	0.37 J
Toluene	ug/l		5	1 U	1 U	1 U	10 U	1 U
Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 UJ	10 U	1 U
Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	10 U	1 U
Trichloroethylene (TCE)	ug/l		5	3.8	4	1.1	210	38
Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	10 U	1 U
Vinyl Chloride	ug/l		2	1 UJ	1 UJ	1 U	10 U	1 U
Xylenes	ug/l		5	2 U	2 U	2 U	20 U	2 U

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Shading indicates exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 20
Analytical Results for Other Parameters from Surface Water Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



			Location ID: Sample Date: Sample Depth: Sample Type:	OS-SW-015 10/19/2016 - N	OS-SW-016 10/19/2016 - N	OS-SW-017 10/20/2016 - N	OS-SW-018 10/20/2016 - N
Constituent	Units	NYSDEC Class C Value (Fresh water)					
Metals by USEPA Method 6010B (Mercury by USEPA Method 7470)							
Aluminum	mg/l	0.1	0.0868 U	0.0868 U	0.0868 U	0.0868 U	
Antimony	mg/l	-	0.0077 U	0.0077 U	0.0077 U	0.0077 U	
Arsenic	mg/l	0.15	0.0097 U	0.0097 U	0.0097 U	0.0097 U	
Barium	mg/l	-	0.024	0.0286	0.0311	0.0269	
Beryllium	mg/l	0.011 ^a	0.00067 U	0.00067 U	0.00067 U	0.00067 U	
Cadmium	mg/l	0.0017 ^a	0.00049 U	0.00049 U	0.00049 U	0.00049 U	
Calcium	mg/l	-	38.6	45.5	51.2	48.6	
Chromium	mg/l	0.0586 ^a	0.0018 U	0.0018 U	0.0018 U	0.0018 U	
Cobalt	mg/l	0.005	0.0019 U	0.0019 U	0.0019 U	0.0019 U	
Copper	mg/l	0.007 ^a	0.0041 U	0.0043 J	0.0041 U	0.0041 U	
Iron	mg/l	0.3	0.0747 U	0.0747 U	0.0747 U	0.0747 U	
Lead	mg/l	0.0011 ^a	0.0062 U	0.0062 U	0.0062 U	0.0062 U	
Magnesium	mg/l	-	7.79	8.28	8.85	9.17	
Manganese	mg/l	-	0.0018 U	0.0045 J	0.0032 J	0.0022 J	
Mercury	mg/l	7.00E-07 ^b	5E-05 U	5E-05 UJ	5E-05 U	5E-05 U	
Nickel	mg/l	0.0408 ^a	0.0028 U	0.0028 U	0.0028 U	0.0028 U	
Potassium	mg/l	-	4.75	4.73	3.99	3.62	
Selenium	mg/l	0.0046 ^a	0.0097 U	0.0097 U	0.0097 U	0.0097 U	
Silver	mg/l	0.0001 ^c	0.0019 U	0.0019 U	0.0019 U	0.0019 U	
Sodium	mg/l	-	77	78	76.4	54.4	
Thallium	mg/l	0.008	0.0094 U	0.0094 U	0.0094 U	0.0094 U	
Vanadium	mg/l	0.014	0.0016 U	0.0016 U	0.0016 U	0.0016 U	
Zinc	mg/l	0.0647 ^{a,b}	0.0054 U	0.0054 U	0.0054 U	0.0054 U	
Total Cyanide by USEPA Method 9010							
Total Cyanide (water)	mg/l	0.0052	0.005 U	0.005 U	0.005 U	0.005 U	
Polychlorinated Biphenyls (PCBs) by USEPA Method 8082							
Aroclor-1016	µg/l	0.000001 ^d	0.084 U	0.084 U	0.09 U	0.084 U	
Aroclor-1221	µg/l	0.000001 ^d	0.084 U	0.084 U	0.09 U	0.084 U	
Aroclor-1232	µg/l	0.000001 ^d	0.17 U	0.17 U	0.18 U	0.17 U	
Aroclor-1242	µg/l	0.000001 ^d	0.084 U	0.084 U	0.09 U	0.084 U	
Aroclor-1248	µg/l	0.000001 ^d	0.084 U	0.084 U	0.09 U	0.084 U	
Aroclor-1254	µg/l	0.000001 ^d	0.084 U	0.084 U	0.09 U	0.084 U	
Aroclor-1260	µg/l	0.000001 ^d	0.13 U	0.13 U	0.13 U	0.13 U	
Aroclor-1262	µg/l	0.000001 ^d	0.17 U	0.17 U	0.18 U	0.17 U	
Aroclor-1268	µg/l	0.000001 ^d	0.13 U	0.14 U	0.14 U	0.13 U	
Pesticides by USEPA Method 8081							
Aldrin	µg/l	0.001 ^e	0.0017 U	0.0017 U	0.0018 U	0.0017 U	
Alpha BHC	µg/l	0.002	0.0025 U	0.0025 U	0.0027 U	0.0025 U	
Alpha Chlordane	µg/l	0.00002 ^f	0.0025 U	0.0025 U	0.0027 U	0.0025 U	
Beta BHC	µg/l	0.007	0.0028 U	0.0029 U	0.003 U	0.0029 U	
Delta BHC	µg/l	0.008	0.0028 U	0.0029 U	0.003 U	0.0029 U	
Dieldrin	µg/l	0.001 ^e	0.0044 U	0.0045 U	0.0048 U	0.0045 U	
Endosulfan I	µg/l	0.009 ^g	0.0036 U	0.0036 U	0.0039 U	0.0036 U	
Endosulfan II	µg/l	0.009 ^g	0.013 U	0.013 U	0.013 U	0.013 U	
Endosulfan Sulfate	µg/l	0.009 ^g	0.0049 U	0.0049 U	0.0052 U	0.0049 U	
Endrin	µg/l	0.002	0.0068 U	0.0068 U	0.0073 U	0.0068 U	
Endrin Aldehyde	µg/l	-	0.017 U	0.017 U	0.018 U	0.017 U	
Endrin Ketone	µg/l	-	0.0042 U	0.0042 U	0.0045 U	0.0042 U	
Gamma Chlordane	µg/l	0.00002 ^f	0.0059 U	0.0059 U	0.0063 U	0.0059 U	
Gamma BHC - Lindane	µg/l	0.008	0.0017 U	0.0017 U	0.0018 U	0.0017 U	
Heptachlor	µg/l	0.0002	0.0017 U	0.0017 U	0.0018 U	0.0017 U	
Heptachlor Epoxide	µg/l	0.0003	0.0019 U	0.0019 U	0.0021 U	0.0019 U	
Methoxychlor	µg/l	0.03	0.025 U	0.025 U	0.027 U	0.025 U	
p,p-DDD	µg/l	0.000011 ^h	0.0042 U	0.0042 U	0.0045 U	0.0042 U	
p,p-DDE	µg/l	0.000011 ^h	0.0042 U	0.0042 U	0.0045 U	0.0042 U	
p,p-DDT	µg/l	0.000011 ^h	0.0044 U	0.0044 U	0.0047 U	0.0044 U	
Toxaphene	µg/l	0.000006	0.25 U	0.25 U	0.27 U	0.25 U	
Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270							
1,1'-Biphenyl	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
1,2,4,5-Tetrachlorobenzene	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
1,4-Dioxane	µg/l	-	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	
2,2'-oxybis(1-Chloropropane)	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,3,4,6-Tetrachlorophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,4,5-Trichlorophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,4,6-Trichlorophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,4-Dichlorophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,4-Dimethylphenol	µg/l	1000	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2,4-Dinitrophenol	µg/l	400	11 UJ	11 UJ	11 UJ	11 UJ	
2,4-Dinitrotoluene	µg/l	-	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	
2,6-Dinitrotoluene	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2-Chloronaphthalene	µg/l	-	0.44 UJ	0.44 UJ	0.45 UJ	0.42 UJ	
2-Chlorophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2-Methylnaphthalene	µg/l	4.7	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
2-Methylphenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2-Nitroaniline	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
2-Nitrophenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
3,3'-Dichlorobenzidine	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
3-Nitroaniline	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4,6-Dinitro-2-methylphenol	µg/l	-	5.5 UJ	5.5 UJ	5.6 UJ	5.3 UJ	
4-Bromophenyl-phenylether	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4-Chloro-3-methylphenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4-Chloroaniline	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
4-Chlorophenyl-phenylether	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4-Methylphenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4-Nitroaniline	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
4-Nitrophenol	µg/l	-	11 UJ	11 UJ	11 UJ	11 UJ	
Acenaphthene	µg/l	5.3	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Acenaphthylene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Acetophenone	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
Anthracene	µg/l	3.8	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Atrazine	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Benzaldehyde	µg/l	-	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	
Benzo(a)anthracene	µg/l	0.03	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Benzo(a)pyrene	µg/l	0.0012	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Benzo(b)fluoranthene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Benzo(g,h,i)perylene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Benzo(k)fluoranthene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
bis(2-Chloroethoxy)methane	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
bis(2-Chloroethyl)ether	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
bis(2-Ethylhexyl)phthalate	µg/l	0.6	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Butylbenzylphthalate	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Caprolactam	µg/l	-	5.5 UJ	5.5 UJ	5.6 UJ	5.3 UJ	
Carbazole	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
Chrysene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Dibenz(a,h)anthracene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Dibenzofuran	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	
Diethylphthalate	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Dimethylphthalate	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Di-n-butylphthalate	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Di-n-octylphthalate	µg/l	-	2.2 UJ	2.2 UJ	2.2 UJ	2.1 UJ	
Fluoranthene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Fluorene	µg/l	0.54	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Hexachlorobenzene	µg/l	0.00003	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ	
Hexachlorobutadiene	µg/l	0.01	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ	

Table 20
Analytical Results for Other Parameters from Surface Water Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location ID: Sample Date: Sample Depth: Sample Type:			OS-SW-015 10/19/2016 - N	OS-SW-016 10/19/2016 - N	OS-SW-017 10/20/2016 - N	OS-SW-018 10/20/2016 - N
Constituent	Units	NYSDEC Class C Value (Fresh water)				
Hexachlorocyclopentadiene	µg/l	0.45	5.5 UJ	5.5 UJ	5.6 UJ	5.3 UJ
Hexachloroethane	µg/l	0.6	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Indeno(1,2,3-cd)pyrene	µg/l	-	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
Isophorone	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ
Naphthalene	µg/l	13	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
Nitrobenzene	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ
N-Nitroso-di-n-propylamine	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ
N-Nitrosodiphenylamine	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ
Pentachlorophenol	µg/l	-	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Phenanthrene	µg/l	5	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
Phenol	µg/l	-	0.55 UJ	0.55 UJ	0.56 UJ	0.53 UJ
Pyrene	µg/l	4.6	0.11 UJ	0.11 UJ	0.11 UJ	0.11 UJ
Volatile Organic Compounds (VOCs) by USEPA Method 8260						
1,1,1-Trichloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethene	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	µg/l	5 ⁱ	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	µg/l	5 ^j	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	µg/l	33	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	µg/l	-	2 U	2 U	2 U	2 U
1,2-Dibromoethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	µg/l	5 ^j	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	µg/l	5 ^j	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/l	5 ^j	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/l	5 ^j	1 U	1 U	1 U	1 U
2-Butanone	µg/l	-	3 U	3 U	3 U	3 U
2-Hexanone	µg/l	-	3 U	3 U	3 U	3 U
4-Methyl-2-pentanone	µg/l	-	3 U	3 U	3 U	3 U
Acetone	µg/l	-	6 U	6 U	6 U	6 U
Benzene	µg/l	10	0.5 U	0.5 U	0.5 U	0.5 U
Bromochloromethane	µg/l	-	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Bromomethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	µg/l	-	1 U	1 U	1 U	1 U
Carbon Tetrachloride	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	µg/l	5	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,3-Dichloropropene	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	µg/l	-	2 U	2 U	2 U	2 U
Dibromochloromethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Dichlorodifluoromethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	µg/l	17	0.5 U	0.5 U	0.5 U	0.5 U
Freon 113	µg/l	-	2 U	2 U	2 U	2 U
Isopropylbenzene (Cumene)	µg/l	2.6	1 U	1 U	1 U	1 U
m+p-Xylene	µg/l	65 ^k	0.5 U	0.5 U	0.5 U	0.5 U
Methyl Acetate	µg/l	-	1 U	1 U	1 U	1 U
Methyl Tertiary Butyl Ether (MTBE)	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	µg/l	-	1 U	1 U	1 U	1 U
Methylene Chloride	µg/l	200	2 U	2 U	2 U	2 U
n-Butylbenzene	µg/l	-	1 U	1 U	1 U	1 U
n-Propylbenzene	µg/l	-	1 U	1 U	1 U	1 U
o-Xylene	µg/l	65 ^k	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	µg/l	-	1 U	1 U	1 U	1 U
sec-Butylbenzene	µg/l	-	1 U	1 U	1 U	1 U
Styrene	µg/l	-	1 U	1 U	1 U	1 U
tert-Butylbenzene	µg/l	-	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/l	1	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	µg/l	100	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,3-Dichloropropene	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	µg/l	40	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	µg/l	-	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (Total)	µg/l	65 ^k	0.5 U	0.5 U	0.5 U	0.5 U

Notes and Abbreviations
ng/L - nanograms per liter
mg/L - milligrams per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value
Shaded value indicates value equal to, or greater than, standard or guidance
NYSDEC Ambient Water Quality Standards and Guidance Values for Class C water - most stringent of Types (Freshwater) for Fish survival (A-A), Fish propagation (A-C), Human consumption of fish (H-FC), and Wildlife protection (W)

a - Assumes hardness is less than or equal to 75 mg/L
b - Value for dissolved form used
c - Value for ionic silver used
d - Value for Total PCBs used
e - Value applies to the sum of Aldrin and Dieldrin
f - Value for Chlordane used
g - Value for Endosulfan used
h - Value applies to sum of 4,4'DDD, 4,4'DDE, and 4,4'-DDT
i - Value applies to sum of 1,2,3-, 1,2,4-, and 1,3,5-trichlorobenzene
j - Value applies to sum of 1,2-, 1,3-, and 1,4-dichlorobenzene
Exceedance of Class C value

Table 21
Analytical Results for Other Parameters from Sediment Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



					Location ID:	OS-SED-017	OS-SED-018
					Sample Date:	10/20/2016	10/20/2016
					Sample Depth:	-	-
					Sample Type:	N	N
Constituent	Units	Class A SGV	Class B SGV	Class C SGV			
Metals by USEPA Method 6010B (Mercury by USEPA Method 7470)							
Aluminum	mg/kg	-	-	-	12500	10900	
Antimony	mg/kg	-	-	-	1.17 J	1.1 J	
Arsenic	mg/kg	<10	10 - 33	>33	8.17	6.72	
Barium	mg/kg	-	-	-	69.4	61.2	
Beryllium	mg/kg	-	-	-	0.46 J	0.438 J	
Cadmium	mg/kg	<1	1 - 5	>5	0.596 J	0.69 J	
Calcium	mg/kg	-	-	-	6330	16900	
Chromium, Total	mg/kg	<43	43 - 110	>110	17.5	13.2	
Cobalt	mg/kg	-	-	-	10.6	8.87	
Copper	mg/kg	<32	32 - 150	>150	43.2	28.7	
Iron	mg/kg	-	-	-	33700	30400	
Lead	mg/kg	<36	36 - 130	>130	65.9	36.5	
Magnesium	mg/kg	-	-	-	7900	7650	
Manganese	mg/kg	-	-	-	1350	757	
Mercury	mg/kg	<0.2	0.2 - 1	>1	0.0504 J	0.0117 J	
Nickel	mg/kg	<23	23 - 49	>49	23.3	18.8	
Potassium	mg/kg	-	-	-	1460	1240	
Selenium	mg/kg	-	-	-	0.827 U	0.86 U	
Silver	mg/kg	<1	1 - 2.2	>2.2	0.622 J	0.378 J	
Sodium	mg/kg	-	-	-	88.6 U	72.4 U	
Thallium	mg/kg	-	-	-	3.55 J	2.25 J	
Vanadium	mg/kg	-	-	-	20	16.5	
Zinc	mg/kg	<120	120 - 460	>460	110	118	
Total Cyanide by USEPA Method 9010							
Total Cyanide (water)	mg/kg	-	-	-	0.22 U	0.21 U	
Polychlorinated Biphenyls (PCBs) by USEPA Method 8082							
Aroclor-1016	µg/kg	100 ^a	-	-	4.4 U	4.2 U	
Aroclor-1221	µg/kg	100 ^a	-	-	5.6 U	5.3 U	
Aroclor-1232	µg/kg	100 ^a	-	-	9.8 U	9.3 U	
Aroclor-1242	µg/kg	100 ^a	-	-	4 U	3.8 U	
Aroclor-1248	µg/kg	100 ^a	-	-	4 U	8.1 J	
Aroclor-1254	µg/kg	100 ^a	-	-	4 U	3.8 U	
Aroclor-1260	µg/kg	100 ^a	-	-	6 U	5.7 U	
Aroclor-1262	µg/kg	100 ^a	-	-	4 U	3.8 U	
Aroclor-1268	µg/kg	100 ^a	-	-	4 U	3.8 U	
Total PCBs (sum of Aroclors)	µg/kg	100			nd	8.1 J	
Pesticides by USEPA Method 8081							
Aldrin	µg/kg	-	-	-	0.21 U	0.19 U	
Alpha BHC	µg/kg	-	-	-	0.21 U	0.19 U	
Alpha Chlordane	µg/kg	68 ^b	-	-	0.21 U	0.19 U	
Beta BHC	µg/kg	-	-	-	0.37 U	0.34 U	
Delta BHC	µg/kg	-	-	-	0.55 U	0.52 U	
Dieldrin	µg/kg	180	-	-	0.41 U	0.38 U	
Endosulfan I	µg/kg	1 ^c	-	-	0.27 U	0.25 U	
Endosulfan II	µg/kg	1 ^c	-	-	0.41 U	0.38 U	
Endosulfan Sulfate	µg/kg	1 ^c	-	-	0.41 U	0.38 U	
Endrin	µg/kg	90	-	-	0.41 U	0.38 U	
Endrin Aldehyde	µg/kg	-	-	-	0.41 U	0.38 U	
Endrin Ketone	µg/kg	-	-	-	0.74 U	0.69 U	
Gamma Chlordane	µg/kg	68 ^b	-	-	0.21 U	0.19 U	
Gamma BHC - Lindane	µg/kg	47	-	-	0.21 U	0.29 J	
Heptachlor	µg/kg	75	-	-	0.21 U	0.19 U	
Heptachlor Epoxide	µg/kg	15	-	-	0.21 U	0.19 U	
Methoxychlor	µg/kg	59	-	-	2.1 U	1.9 U	
p,p-DDD	µg/kg	44 ^d	-	-	0.41 U	0.38 U	
p,p-DDE	µg/kg	44 ^d	-	-	0.41 U	0.38 U	
p,p-DDT	µg/kg	44 ^d	-	-	0.72 J	0.75 J	
Toxaphene	µg/kg	6	-	-	17 U	16 U	
Semivolatile Organic Compounds (SVOCs) by USEPA Method 8270							
1,1'-Biphenyl	µg/kg	-	-	-	21 U	19 U	
1,2,4,5-Tetrachlorobenzene	µg/kg	3000	-	-	21 U	19 U	
1,4-Dioxane	µg/kg	-	-	-	120 U	120 U	
2,2'-oxybis(1-Chloropropane)	µg/kg	-	-	-	21 U	19 U	
2,3,4,6-Tetrachlorophenol	µg/kg	-	-	-	83 U	77 U	
2,4,5-Trichlorophenol	µg/kg	-	-	-	21 U	19 U	
2,4,6-Trichlorophenol	µg/kg	-	-	-	21 U	19 U	
2,4-Dichlorophenol	µg/kg	-	-	-	21 U	19 U	
2,4-Dimethylphenol	µg/kg	-	-	-	21 U	19 U	
2,4-Dinitrophenol	µg/kg	-	-	-	370 U	350 U	
2,4-Dinitrotoluene	µg/kg	-	-	-	83 U	77 U	
2,6-Dinitrotoluene	µg/kg	-	-	-	21 U	19 U	
2-Chloronaphthalene	µg/kg	-	-	-	8 U	8 U	
2-Chlorophenol	µg/kg	-	-	-	21 U	19 U	
2-Methylnaphthalene	µg/kg	-	-	-	5 J	4 U	
2-Methylphenol	µg/kg	-	-	-	21 U	19 U	
2-Nitroaniline	µg/kg	-	-	-	21 U	19 U	
2-Nitrophenol	µg/kg	-	-	-	21 U	19 U	
3,3'-Dichlorobenzidine	µg/kg	-	-	-	120 U	120 U	
3-Nitroaniline	µg/kg	-	-	-	83 U	77 U	
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	210 U	190 U	
4-Bromophenyl-phenylether	µg/kg	-	-	-	21 U	19 U	
4-Chloro-3-methylphenol	µg/kg	-	-	-	21 U	19 U	
4-Chloroaniline	µg/kg	-	-	-	41 U	39 U	
4-Chlorophenyl-phenylether	µg/kg	-	-	-	21 U	19 U	
4-Methylphenol	µg/kg	-	-	-	21 U	19 U	
4-Nitroaniline	µg/kg	-	-	-	83 U	77 U	
4-Nitrophenol	µg/kg	-	-	-	210 U	190 U	
Acenaphthene	µg/kg	-	-	-	4 J	4 J	
Acenaphthylene	µg/kg	-	-	-	6 J	5 J	
Acetophenone	µg/kg	-	-	-	21 U	19 U	
Anthracene	µg/kg	-	-	-	15 J	13 J	
Atrazine	µg/kg	-	-	-	41 U	39 U	
Benzaldehyde	µg/kg	-	-	-	83 U	77 U	
Benzo(a)anthracene	µg/kg	-	-	-	78	55	
Benzo(a)pyrene	µg/kg	-	-	-	92	69	
Benzo(b)fluoranthene	µg/kg	-	-	-	170	120	
Benzo(g,h,i)perylene	µg/kg	-	-	-	87	60	
Benzo(k)fluoranthene	µg/kg	-	-	-	59	47	
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	21 U	19 U	
bis(2-Chloroethyl)ether	µg/kg	-	-	-	21 U	19 U	
bis(2-Ethylhexyl)phthalate	µg/kg	360000	-	-	83 U	77 U	
Butylbenzylphthalate	µg/kg	-	-	-	83 U	77 U	

Table 21
Analytical Results for Other Parameters from Sediment Samples
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



					Location ID:	OS-SED-017	OS-SED-018
					Sample Date:	10/20/2016	10/20/2016
					Sample Depth:	-	-
					Sample Type:	N	N
Constituent	Units	Class A SGV	Class B SGV	Class C SGV			
Caprolactam	µg/kg	-	-	-	41 U	39 U	
Carbazole	µg/kg	-	-	-	21 U	19 U	
Chrysene	µg/kg	-	-	-	120	89	
Dibenz(a,h)anthracene	µg/kg	-	-	-	22	13 J	
Dibenzofuran	µg/kg	-	-	-	21 U	19 U	
Diethylphthalate	µg/kg	-	-	-	83 U	77 U	
Dimethylphthalate	µg/kg	-	-	-	83 U	77 U	
Di-n-butylphthalate	µg/kg	-	-	-	83 U	77 U	
Di-n-octylphthalate	µg/kg	-	-	-	83 U	77 U	
Fluoranthene	µg/kg	-	-	-	230	160	
Fluorene	µg/kg	-	-	-	5 J	5 J	
Hexachlorobenzene	µg/kg	-	-	-	4 U	4 U	
Hexachlorobutadiene	µg/kg	1200	-	-	21 U	19 U	
Hexachlorocyclopentadiene	µg/kg	810	-	-	210 U	190 U	
Hexachloroethane	µg/kg	-	-	-	41 U	39 U	
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	72	51	
Isophorone	µg/kg	-	-	-	21 U	19 U	
Naphthalene	µg/kg	-	-	-	6 J	4 U	
Nitrobenzene	µg/kg	-	-	-	21 U	19 U	
N-Nitroso-di-n-propylamine	µg/kg	-	-	-	21 U	19 U	
N-Nitrosodiphenylamine	µg/kg	-	-	-	21 U	19 U	
Pentachlorophenol	µg/kg	14000	-	-	41 U	39 U	
Phenanthrene	µg/kg	-	-	-	90	78	
Phenol	µg/kg	-	-	-	21 U	19 U	
Pyrene	µg/kg	-	-	-	180	140	
Total PAH (sum of individual)	µg/kg	4000			1241	909	
Volatile Organic Compounds (VOCs) by USEPA Method 8260							
1,1,1-Trichloroethane	µg/kg	1900 ^e	-	-	1 U	1 U	
1,1,2,2-Tetrachloroethane	µg/kg	2800	-	-	1 U	1 U	
1,1,2-Trichloroethane	µg/kg	1900 ^e	-	-	1 U	1 U	
1,1-Dichloroethane	µg/kg	-	-	-	1 U	1 U	
1,1-Dichloroethene	µg/kg	520	-	-	1 U	1 U	
1,2,3-Trichlorobenzene	µg/kg	230	-	-	1 U	1 U	
1,2,4-Trichlorobenzene	µg/kg	35000	-	-	1 U	1 U	
1,2,4-Trimethylbenzene	µg/kg	3400	-	-	1 U	1 U	
1,2-Dibromo-3-chloropropane	µg/kg	-	-	-	2 U	2 U	
1,2-Dibromoethane	µg/kg	-	-	-	1 U	1 U	
1,2-Dichlorobenzene	µg/kg	280	-	-	1 U	1 U	
1,2-Dichloroethane	µg/kg	-	-	-	1 U	1 U	
1,2-Dichloropropane	µg/kg	-	-	-	1 U	1 U	
1,3,5-Trimethylbenzene	µg/kg	3400 ^f	-	-	1 U	1 U	
1,3-Dichlorobenzene	µg/kg	1800	-	-	1 U	1 U	
1,4-Dichlorobenzene	µg/kg	720	-	-	1 U	1 U	
2-Butanone	µg/kg	-	-	-	6 J	5 U	
2-Hexanone	µg/kg	-	-	-	4 U	3 U	
4-Methyl-2-pentanone	µg/kg	-	-	-	7 J	7 J	
Acetone	µg/kg	-	-	-	72	54	
Benzene	µg/kg	530	-	-	0.6 U	0.6 U	
Bromochloromethane	µg/kg	-	-	-	1 U	1 U	
Bromodichloromethane	µg/kg	-	-	-	1 U	1 U	
Bromoform	µg/kg	-	-	-	1 U	1 U	
Bromomethane	µg/kg	-	-	-	2 U	2 U	
Carbon Disulfide	µg/kg	-	-	-	1 J	2 J	
Carbon Tetrachloride	µg/kg	1070	-	-	1 U	1 U	
Chlorobenzene	µg/kg	200	-	-	1 U	1 U	
Chloroethane	µg/kg	-	-	-	2 U	2 U	
Chloroform	µg/kg	-	-	-	1 U	1 U	
Chloromethane	µg/kg	-	-	-	2 U	2 U	
cis-1,2-Dichloroethene	µg/kg	1200 ^g	-	-	1 U	1 U	
cis-1,3-Dichloropropene	µg/kg	-	-	-	1 U	1 U	
Cyclohexane	µg/kg	-	-	-	1 U	1 U	
Dibromochloromethane	µg/kg	-	-	-	1 U	1 U	
Dichlorodifluoromethane	µg/kg	-	-	-	2 U	2 U	
Ethylbenzene	µg/kg	430	-	-	1 U	1 U	
Freon 113	µg/kg	-	-	-	2 U	2 U	
Isopropylbenzene (Cumene)	µg/kg	210	-	-	1 U	1 U	
m+p-Xylene	µg/kg	480 ^h	-	-	1 U	1 U	
Methyl Acetate	µg/kg	-	-	-	2 U	2 U	
Methyl Tertiary Butyl Ether (MTBE)	µg/kg	-	-	-	0.6 U	0.6 U	
Methylcyclohexane	µg/kg	-	-	-	1 U	1 U	
Methylene Chloride	µg/kg	-	-	-	2 U	2 U	
n-Butylbenzene	µg/kg	-	-	-	1 U	1 U	
n-Propylbenzene	µg/kg	-	-	-	1 U	1 U	
o-Xylene	µg/kg	820	-	-	1 U	1 U	
p-Isopropyltoluene	µg/kg	-	-	-	1 U	1 U	
sec-Butylbenzene	µg/kg	-	-	-	1 U	1 U	
Styrene	µg/kg	-	-	-	1 U	1 U	
tert-Butylbenzene	µg/kg	-	-	-	1 U	1 U	
Tetrachloroethene	µg/kg	16000	-	-	1 U	1 U	
Toluene	µg/kg	930	-	-	1 U	1 U	
trans-1,2-Dichloroethene	µg/kg	1200	-	-	1 U	1 U	
trans-1,3-Dichloropropene	µg/kg	-	-	-	1 U	1 U	
Trichloroethene	µg/kg	1800	-	-	1 U	1 U	
Trichlorofluoromethane	µg/kg	-	-	-	2 U	2 U	
Vinyl Chloride	µg/kg	-	-	-	1 U	1 U	
Xylene (Total)	µg/kg	590	-	-	1 U	1 U	

Notes and Abbreviations
µg/kg - microgram per kilogram
mg/kg - milligrams per kilogram
U - Compound not detected
J - Estimated value
N - Primary sample
Bold value indicates detected value
Shaded value indicates value equal to, or greater than, standard or guidance
SGV - Sediment Guidance Value
a - Aroclor concentrations were screened against the guidance vale for Total PCBs since no values exists for the Aroclors.
b - SGV for Chlordane used
c - SGV for Endosulfan used
d - SGV for sum of p,p'-DDT, p,p'-DDE, and p,p'-DDD
e - SGV for trichloroethane (sum of isomers) used
f - SGV for 1,2,4-trimethylbenzene used
g - SGV for trans-1,2-dichloroethene isomer used
h - SGV for m-xylene used since lower than SGV for p-xylene
Sediment Guidance Values from NYSDEC "Screening and Assessment of Contaminated Sediment", June 24,

Table 22
Analytical Results for Other Parameters from Groundwater Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample Type:					OS-MP-02 N	OS-MP-03 N	OS-MP-04 FD	OS-MP-04 N
Date:					2020-09-28	2020-09-28	2020-09-25	2020-09-25
Sample ID:					OS-MP-02(09282020)	OS-MP-03(09282020)	DUP(09252020)	OS-MP-04(09252020)
Validate - Y/N					Y	Y	Y	Y
Type	Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l			147	118	268	269
	Bicarbonate	mg/l			147	118	268	269
	Chloride	mg/l		250	48.3	36.8	125	126
	Nitrogen, Nitrate (As N)	mg/l		10	0.1 UJ	0.1 UJ	1.4	1.4
	Nitrogen, Nitrite	mg/l		0.02	na	na	na	na
	pH	ph units		8.5	8.29	8.16	8.07	8.02
	Sulfate	mg/l		250	11.3	8.4	99.2	99.9
	Temperature	deg c			20.5	20.2	21.2	21.4
	Total Organic Carbon	mg/l			1.1	0.72 J	0.89 J	0.85 J
Other	Fluoride	mg/l		1.5	0.1 U	0.1 U	0.12	0.12
	Hardness (As CaCO3)	mg/l			160	132	380	384
	Nitrogen, Ammonia (As N)	mg/l			0.73	0.1 U	0.1 U	0.1 U
	Nitrogen, Kjeldahl, Total	mg/l			0.63	0.2 U	0.3	0.19 J
	Nitrogen, Nitrate-Nitrite	mg/l		10	0.1 UJ	0.1 UJ	1.4	1.4
	Phosphorus	mg/l			0.034	0.03 U	0.076	0.15
	Phosphorus, Total Orthophosphate (As PO4)	mg/l			0.1	0.09 U	0.23	0.45
	Sulfite (As SO3)	mg/l			5 U	5 U	5 U	5 U
	Sulfur, Mol (S8)	ug/l			4280	3180	38100	37600
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	0.2 U	0.48	0.56
VOCs	1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U	24	25
	1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	ug/l		5	1 U	1 U	43	44
	1,1-Dichloroethene	ug/l		5	1 U	1 U	7.9	7
	1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U
	1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U
	Acetone	ug/l	50		5 U	5 U	5 U	5 U
	Benzene	ug/l		1	1 U	1 U	1 U	1 U
	Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U
	Bromoform	ug/l	50		1 U	1 U	1 U	1 U
	Bromomethane	ug/l		5	1 U	1 U	1 U	1 U
	Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U
	Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U
	Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U
	Chloroethane	ug/l		5	1 U	1 U	1 U	1 U
	Chloroform	ug/l		7	1 U	1 U	0.39 J	0.37 J
	Chloromethane	ug/l		5	1 U	1 U	1 U	1 U
	Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U	1.6	1.7
	Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U
	Cyclohexane	ug/l			1 U	1 U	1 U	1 U
	Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U
	Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U
	Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U
	Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U
	Methyl Acetate	ug/l			5 U	5 U	5 U	5 U
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	5 U
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U
	Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U
	Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U
	Styrene	ug/l		5	1 U	1 U	1 U	1 U
	Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U
	Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U
	Toluene	ug/l		5	1 U	1 U	1 U	1 U
	Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U
	Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U
	Trichloroethylene (TCE)	ug/l		5	1 U	1 U	68	71
	Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U
	Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U
	Xylenes	ug/l		5	2 U	2 U	2 U	2 U
Total		ng/l			0	0	144.89	149.07

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 22
Analytical Results for Other Parameters from Groundwater Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample Type:					OS-MP-05 N	OS-MP-06 N	OS-MP-07 N	OS-MP-08 N
Date:					2020-09-25	2020-09-24	2020-09-24	2020-09-23
Sample ID:					OS-MP-05(09252020)	OS-MP-06(09242020)	OS-MP-07 (09242020)	OS-MP-08 (09232020)
Validate - Y/N					Y	Y	Y	Y
Type	Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD				
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l			230	195	210	195
	Bicarbonate	mg/l			230	195	210	195
	Chloride	mg/l		250	129	124	95.2	79
	Nitrogen, Nitrate (As N)	mg/l		10	1.4	2.7	0.1 U	0.019 J
	Nitrogen, Nitrite	mg/l		0.02	na	na	0.022 J	0.019 J
	pH	ph units		8.5	8.18	8.26	8.33	8.41
	Sulfate	mg/l		250	87.2	54.8	58.2	17.5
	Temperature	deg c			21.5	21	21.1	21.3
	Total Organic Carbon	mg/l			0.84 J	0.97 J	1.2	1.4
Other	Fluoride	mg/l		1.5	0.1 U	0.1 U	0.1	0.11
	Hardness (As CaCO3)	mg/l			352	280	288	204
	Nitrogen, Ammonia (As N)	mg/l			0.1 U	0.1 U	0.075 J	0.27
	Nitrogen, Kjeldahl, Total	mg/l			0.36	0.24	0.3	0.37
	Nitrogen, Nitrate-Nitrite	mg/l		10	1.4	2.7	na	na
	Phosphorus	mg/l			0.08	0.03 U	0.12	0.41
	Phosphorus, Total Orthophosphate (As PO4)	mg/l			0.25	0.09 U	0.37	1.3
	Sulfite (As SO3)	mg/l			5 U	5 U	5 U	5 U
	Sulfur, Mol (S8)	ug/l			31000	19200	23100	6190
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l		1	0.24	0.25	0.33	0.47
VOCs	1,1,1-Trichloroethane (TCA)	ug/l		5	5.2	5.9	0.53 J	1 U
	1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U	1 U	1 U
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U	1 U	1 U
	1,1,2-Trichloroethane	ug/l		1	1 U	1 U	1 U	1 U
	1,1-Dichloroethane	ug/l		5	1	1	1.3	1.2
	1,1-Dichloroethene	ug/l		5	1 U	1 U	1 U	1 U
	1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U	1 U	1 U
	1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U	1 U	1 U
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U	1 U	1 U
	1,2-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	1,2-Dichloroethane	ug/l		0.6	1 U	1 U	1 U	1 U
	1,2-Dichloropropane	ug/l		1	1 U	1 U	1 U	1 U
	1,3-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	1,4-Dichlorobenzene	ug/l		3	1 U	1 U	1 U	1 U
	2-Hexanone	ug/l	50		5 U	5 U	5 U	5 U
	Acetone	ug/l	50		5 U	5 U	5 U	5 U
	Benzene	ug/l		1	1 U	1 U	1 U	1 U
	Bromodichloromethane	ug/l	50		1 U	1 U	1 U	1 U
	Bromoform	ug/l	50		1 U	1 U	1 U	1 U
	Bromomethane	ug/l		5	1 U	1 U	1 U	1 U
	Carbon Disulfide	ug/l	60		1 U	1 U	1 U	1 U
	Carbon Tetrachloride	ug/l		5	1 U	1 U	1 U	1 U
	Chlorobenzene	ug/l		5	1 U	1 U	1 U	1 U
	Chloroethane	ug/l		5	1 U	1 U	1 U	1 U
	Chloroform	ug/l		7	1 U	1 U	1 U	1 U
	Chloromethane	ug/l		5	1 U	1 U	1 U	1 U
	Cis-1,2-Dichloroethylene	ug/l		5	3.1	11	4.1	2.8
	Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U
	Cyclohexane	ug/l			1 U	1 U	1 U	1 U
	Dibromochloromethane	ug/l	50		1 U	1 U	1 U	1 U
	Dichlorodifluoromethane	ug/l		5	1 U	1 U	1 U	1 U
	Ethylbenzene	ug/l		5	1 U	1 U	1 U	1 U
	Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U	1 U	1 U
	Methyl Acetate	ug/l			5 U	5 U	5 U	5 U
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U	5 U	5 U
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U	5 U	5 U
	Methylcyclohexane	ug/l			1 U	1 U	1 U	1 U
	Methylene Chloride	ug/l		5	1 U	1 U	1 U	1 U
	Styrene	ug/l		5	1 U	1 U	1 U	1 U
	Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U	1 U	1 U
	Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U	1 U	1 U
	Toluene	ug/l		5	1 U	1 U	1 U	1 U
	Trans-1,2-Dichloroethene	ug/l		5	1 U	0.28 J	0.44 J	1 U
	Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U	1 U	1 U
	Trichloroethylene (TCE)	ug/l		5	6.7	7.8	2.9	0.88 J
	Trichlorofluoromethane	ug/l		5	1 U	1 U	1 U	1 U
	Vinyl Chloride	ug/l		2	1 U	1 U	1 U	1 U
	Xylenes	ug/l		5	2 U	2 U	2 U	2 U
Total		ng/l			16	25.98	9.27	4.88

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 22
Analytical Results for Other Parameters from Groundwater Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Location: Sample Type: Date: Sample ID: Validate - Y/N					OS-MP-09 N 2020-09-23 OS-MP-09 (09232020) Y	OS-MP-10 N 2020-09-29 OS-MP-10(09292020) Y
Type	Analyte	Unit	NYDEC TOGS111 GA GUIDANCE	NYDEC TOGS111 GA STANDARD		
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l			128	125
	Bicarbonate	mg/l			128	125
	Chloride	mg/l		250	45.2	45.2
	Nitrogen, Nitrate (As N)	mg/l		10	0.26 J	0.69
	Nitrogen, Nitrite	mg/l		0.02	0.027 J	na
	pH	ph units		8.5	8.24	7.74
	Sulfate	mg/l		250	12.3	13.5
	Temperature	deg c			21.2	21.1
	Total Organic Carbon	mg/l			1.2	0.71 J
Other	Fluoride	mg/l		1.5	0.1 U	0.1 U
	Hardness (As CaCO3)	mg/l			150	136
	Nitrogen, Ammonia (As N)	mg/l			0.58	0.1 U
	Nitrogen, Kjeldahl, Total	mg/l			0.71	0.2 U
	Nitrogen, Nitrate-Nitrite	mg/l		10	na	0.69
	Phosphorus	mg/l			0.038	0.03 U
	Phosphorus, Total Orthophosphate (As PO4)	mg/l			0.12	0.09 U
	Sulfite (As SO3)	mg/l			5 U	5 U
	Sulfur, Mol (S8)	ug/l			4690	4860
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l		1	0.2 U	0.2 U
VOCs	1,1,1-Trichloroethane (TCA)	ug/l		5	1 U	1 U
	1,1,2,2-Tetrachloroethane	ug/l		5	1 U	1 U
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l		5	1 U	1 U
	1,1,2-Trichloroethane	ug/l		1	1 U	1 U
	1,1-Dichloroethane	ug/l		5	1 U	1 U
	1,1-Dichloroethene	ug/l		5	1 U	1 U
	1,2,4-Trichlorobenzene	ug/l		5	1 U	1 U
	1,2-Dibromo-3-Chloropropane	ug/l		0.04	1 U	1 U
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l		0.0006	1 U	1 U
	1,2-Dichlorobenzene	ug/l		3	1 U	1 U
	1,2-Dichloroethane	ug/l		0.6	1 U	1 U
	1,2-Dichloropropane	ug/l		1	1 U	1 U
	1,3-Dichlorobenzene	ug/l		3	1 U	1 U
	1,4-Dichlorobenzene	ug/l		3	1 U	1 U
	2-Hexanone	ug/l	50		5 U	5 U
	Acetone	ug/l	50		5 U	5 U
	Benzene	ug/l		1	1 U	1 U
	Bromodichloromethane	ug/l	50		1 U	1 U
	Bromoform	ug/l	50		1 U	1 U
	Bromomethane	ug/l		5	1 U	1 UJ
	Carbon Disulfide	ug/l	60		1 U	1 U
	Carbon Tetrachloride	ug/l		5	1 U	1 U
	Chlorobenzene	ug/l		5	1 U	1 U
	Chloroethane	ug/l		5	1 U	1 U
	Chloroform	ug/l		7	1 U	1 U
	Chloromethane	ug/l		5	1 U	1 U
	Cis-1,2-Dichloroethylene	ug/l		5	1 U	1 U
	Cis-1,3-Dichloropropene	ug/l		0.4	1 U	1 U
	Cyclohexane	ug/l			1 U	1 U
	Dibromochloromethane	ug/l	50		1 U	1 U
	Dichlorodifluoromethane	ug/l		5	1 U	1 U
	Ethylbenzene	ug/l		5	1 U	1 U
	Isopropylbenzene (Cumene)	ug/l		5	1 U	1 U
	Methyl Acetate	ug/l			5 U	5 U
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50		5 U	5 U
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l			5 U	5 U
	Methylcyclohexane	ug/l			1 U	1 U
	Methylene Chloride	ug/l		5	1 U	1 U
	Styrene	ug/l		5	1 U	1 U
	Tert-Butyl Methyl Ether	ug/l	10		1 U	1 U
	Tetrachloroethylene (PCE)	ug/l		5	1 U	1 U
	Toluene	ug/l		5	1 U	1 U
	Trans-1,2-Dichloroethene	ug/l		5	1 U	1 U
	Trans-1,3-Dichloropropene	ug/l		0.4	1 U	1 U
	Trichloroethylene (TCE)	ug/l		5	1 U	1 U
	Trichlorofluoromethane	ug/l		5	1 U	1 U
	Vinyl Chloride	ug/l		2	1 U	1 U
	Xylenes	ug/l		5	2 U	2 U
Total		ng/l			0	0

Notes and Abbreviations
mg/L - milligrams per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for Class GA groundwater.

Table 23
Analytical Results for Other Parameters from Surface Water Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



					Location: Sample Type: Date: Sample ID: Validate - Y/N	OS-MP-02 N 2020-09-28 OS-MP-02SW(09282020) Y	OS-MP-03 N 2020-09-28 OS-MP-03SW(09282020) Y	OS-MP-04 N 2020-09-25 OS-MP-04SW(09252020) Y	OS-MP-05 N 2020-09-25 OS-MP-05SW(09252020) Y
Type	Analyte	Unit	NYDEC TOGS111 SW	NY-TOGS 1.1.1- SW_HUMANCONSUMFISH (FW)					
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l	-	-	121	122	123	124	
	Bicarbonate	mg/l	-	-	121	122	123	124	
	Chloride	mg/l	-	-	45.1	44.8	50.3	48.2	
	Nitrogen, Nitrate (As N)	mg/l	-	-	0.72 J	0.67 J	0.53	0.62	
	Nitrogen, Nitrite	mg/l	-	-	na	na	na	na	
	pH	ph units	-	-	8.47	8.38	8.39	8.3	
	Sulfate	mg/l	-	-	13.5	13.4	16.3	16.9	
	Temperature	deg c	-	-	20.5	20.2	21.2	21.5	
Total Organic Carbon	mg/l	-	-	1.4	1.3	1.2	1.2		
Other	Fluoride	mg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	
	Hardness (As CaCO3)	mg/l	-	-	132	134	140	152	
	Nitrogen, Ammonia (As N)	mg/l	-	-	0.1 U	0.1 U	0.1 U	0.1 U	
	Nitrogen, Kjeldahl, Total	mg/l	-	-	0.2 U	0.2 U	0.27	0.2 U	
	Nitrogen, Nitrate-Nitrite	mg/l	-	-	0.74 J	0.69 J	0.55	0.64	
	Phosphorus	mg/l	-	-	0.03 U	0.03 U	0.04	0.069	
	Phosphorus, Total Orthophosphate (As PO4)	mg/l	-	-	0.09 U	0.09 U	0.12	0.21	
	Sulfite (As SO3)	mg/l	-	-	5 U	5 U	5 U	5 U	
Sulfur, Mol (S8)	ug/l	-	-	4830	4680	5680	5820		
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l	-	-	0.2 U	0.2 U	0.2 U	0.2 U	
VOCs	1,1,1-Trichloroethane (TCA)	ug/l	5	-	1 U	1 U	1.2	1.2	
	1,1,2,2-Tetrachloroethane	ug/l	0.2	-	1 U	1 U	1 U	1 U	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	-	-	1 U	1 U	1 U	1 U	
	1,1,2-Trichloroethane	ug/l	1	-	1 U	1 U	1 U	1 U	
	1,1-Dichloroethane	ug/l	5	-	1 U	1 U	4	1.5	
	1,1-Dichloroethene	ug/l	0.7	-	1 U	1 U	0.91 J	0.55 J	
	1,2,4-Trichlorobenzene	ug/l	5	-	1 U	1 U	1 U	1 U	
	1,2-Dibromo-3-Chloropropane	ug/l	0.04	-	1 U	1 U	1 U	1 U	
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.0006	-	1 U	1 U	1 U	1 U	
	1,2-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	1 U	
	1,2-Dichloroethane	ug/l	0.6	-	1 U	1 U	1 U	1 U	
	1,2-Dichloropropane	ug/l	1	-	1 U	1 U	1 U	1 U	
	1,3-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	1 U	
	1,4-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	1 U	
	2-Hexanone	ug/l	50	-	5 U	5 U	5 U	5 U	
	Acetone	ug/l	50	-	5 U	5 U	5 U	5 U	
	Benzene	ug/l	1	10	1 U	1 U	1 U	1 U	
	Bromodichloromethane	ug/l	50	-	1 U	1 U	1 U	1 U	
	Bromoform	ug/l	50	-	1 U	1 U	1 U	1 U	
	Bromomethane	ug/l	5	-	1 U	1 U	1 U	1 U	
	Carbon Disulfide	ug/l	60	-	1 U	1 U	1 U	1 U	
	Carbon Tetrachloride	ug/l	0.4	-	1 U	1 U	1 U	1 U	
	Chlorobenzene	ug/l	5	400	1 U	1 U	1 U	1 U	
	Chloroethane	ug/l	5	-	1 U	1 U	1 U	1 U	
	Chloroform	ug/l	7	-	1 U	1 U	1 U	1 U	
	Chloromethane	ug/l	5	-	1 U	1 U	1 U	1 U	
	Cis-1,2-Dichloroethylene	ug/l	5	-	1 U	1 U	0.31 J	1 U	
	Cis-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U	1 U	1 U	
	Cyclohexane	ug/l	-	-	1 U	1 U	1 U	1 U	
	Dibromochloromethane	ug/l	50	-	1 U	1 U	1 U	1 U	
	Dichlorodifluoromethane	ug/l	-	-	1 U	1 U	1 U	1 U	
	Ethylbenzene	ug/l	5	-	1 U	1 U	1 U	1 U	
	Isopropylbenzene (Cumene)	ug/l	-	-	1 U	1 U	1 U	1 U	
	Methyl Acetate	ug/l	-	-	5 U	5 U	5 U	5 U	
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50	-	5 U	5 U	5 U	5 U	
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	-	-	5 U	5 U	5 U	5 U	
	Methylcyclohexane	ug/l	-	-	1 U	1 U	1 U	1 U	
	Methylene Chloride	ug/l	5	200	1 U	1 U	1 U	1 U	
	Styrene	ug/l	5	-	1 U	1 U	1 U	1 U	
	Tert-Butyl Methyl Ether	ug/l	-	-	1 U	1 U	1 U	1 U	
	Tetrachloroethylene (PCE)	ug/l	0.7	1	1 U	1 U	1 U	1 U	
	Toluene	ug/l	5	6000	1 U	1 U	1 U	1 U	
	Trans-1,2-Dichloroethene	ug/l	5	-	1 U	1 U	1 U	1 U	
	Trans-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U	1 U	1 U	
	Trichloroethylene (TCE)	ug/l	5	40.0	1 U	1 U	4.1	3.2	
	Trichlorofluoromethane	ug/l	-	-	1 U	1 U	1 U	1 U	
	Vinyl Chloride	ug/l	0.3	-	1 U	1 U	1 U	1 U	
	Xylenes	ug/l	5	-	2 U	2 U	2 U	2 U	
Totals		ug/l			0	0	10.52	6.45	

Notes and Abbreviations
ng/L - nanograms per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for surface water.

Table 23
Analytical Results for Other Parameters from Surface Water Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



		Location:		OS-MP-06		OS-MP-07		OS-MP-08		OS-MP-08	
		Sample Type:		N		N		N		N	
		Date:		2020-09-24		2020-09-24		2020-09-23		2020-09-24	
		Sample ID:		OS-MP-06SW(09242020)		OS-MP-07SW (09242020)		OS-MP-08SW (09232020)		OS-MP-08SW(09242020)	
		Validate - Y/N		Y		Y		Y		Y	
Type	Analyte	Unit	NYDEC TOGS111 SW	NY-TOGS 1.1.1- SW_HUMANCONSUMFISH (FW)							
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l	-	-	118	119	114	na			
	Bicarbonate	mg/l	-	-	118	119	114	na			
	Chloride	mg/l	-	-	45.6	46.1	45.7	na			
	Nitrogen, Nitrate (As N)	mg/l	-	-	0.66 J	0.63	0.65	na			
	Nitrogen, Nitrite	mg/l	-	-	na	0.021 J	0.023 J	na			
	pH	ph units	-	-	8.34	8.22	8.36	na			
	Sulfate	mg/l	-	-	14.3	14	14.8	na			
	Temperature	deg c	-	-	21.6	20.9	21.2	na			
	Total Organic Carbon	mg/l	-	-	1.2	1.2	1.2	1.2			
Other	Fluoride	mg/l	-	-	0.1 U	0.1 U	0.1 U	na			
	Hardness (As CaCO3)	mg/l	-	-	138	144	140	na			
	Nitrogen, Ammonia (As N)	mg/l	-	-	0.1 U	0.035 J	0.1 U	na			
	Nitrogen, Kjeldahl, Total	mg/l	-	-	0.28	0.45	0.22	na			
	Nitrogen, Nitrate-Nitrite	mg/l	-	-	0.68 J	na	na	na			
	Phosphorus	mg/l	-	-	0.03 U	0.03 U	0.03 U	na			
	Phosphorus, Total Orthophosphate (As PO4)	mg/l	-	-	0.09 U	0.09 U	0.09 U	na			
	Sulfite (As SO3)	mg/l	-	-	5 U	5 U	5 U	na			
	Sulfur, Mol (S8)	ug/l	-	-	5010	4740	4790	na			
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l	-	-	0.2 U	0.2 U	0.2 U	na			
VOCs	1,1,1-Trichloroethane (TCA)	ug/l	5	-	1 U	1 U	1 U	na			
	1,1,2,2-Tetrachloroethane	ug/l	0.2	-	1 U	1 U	1 U	na			
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	-	-	1 U	1 U	1 U	na			
	1,1,2-Trichloroethane	ug/l	1	-	1 U	1 U	1 U	na			
	1,1-Dichloroethane	ug/l	5	-	1 U	1 U	1 U	na			
	1,1-Dichloroethene	ug/l	0.7	-	1 U	1 U	1 U	na			
	1,2,4-Trichlorobenzene	ug/l	5	-	1 U	1 U	1 U	na			
	1,2-Dibromo-3-Chloropropane	ug/l	0.04	-	1 U	1 U	1 U	na			
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.0006	-	1 U	1 U	1 U	na			
	1,2-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	na			
	1,2-Dichloroethane	ug/l	0.6	-	1 U	1 U	1 U	na			
	1,2-Dichloropropane	ug/l	1	-	1 U	1 U	1 U	na			
	1,3-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	na			
	1,4-Dichlorobenzene	ug/l	3	-	1 U	1 U	1 U	na			
	2-Hexanone	ug/l	50	-	5 U	5 U	5 U	na			
	Acetone	ug/l	50	-	5 U	5 U	5 U	na			
	Benzene	ug/l	1	10	1 U	1 U	1 U	na			
	Bromodichloromethane	ug/l	50	-	1 U	1 U	1 U	na			
	Bromoform	ug/l	50	-	1 U	1 U	1 U	na			
	Bromomethane	ug/l	5	-	1 U	1 U	1 U	na			
	Carbon Disulfide	ug/l	60	-	1 U	1 U	1 U	na			
	Carbon Tetrachloride	ug/l	0.4	-	1 U	1 U	1 U	na			
	Chlorobenzene	ug/l	5	400	1 U	1 U	1 U	na			
	Chloroethane	ug/l	5	-	1 U	1 U	1 U	na			
	Chloroform	ug/l	7	-	1 U	1 U	1 U	na			
	Chloromethane	ug/l	5	-	1 U	1 U	1 U	na			
	Cis-1,2-Dichloroethylene	ug/l	5	-	1 U	1 U	1 U	na			
	Cis-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U	1 U	na			
	Cyclohexane	ug/l	-	-	1 U	1 U	1 U	na			
	Dibromochloromethane	ug/l	50	-	1 U	1 U	1 U	na			
	Dichlorodifluoromethane	ug/l	-	-	1 U	1 U	1 U	na			
	Ethylbenzene	ug/l	5	-	1 U	1 U	1 U	na			
	Isopropylbenzene (Cumene)	ug/l	-	-	1 U	1 U	1 U	na			
	Methyl Acetate	ug/l	-	-	5 U	5 U	5 U	na			
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50	-	5 U	5 U	5 U	na			
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	-	-	5 U	5 U	5 U	na			
	Methylcyclohexane	ug/l	-	-	1 U	1 U	1 U	na			
	Methylene Chloride	ug/l	5	200	1 U	1 U	1 U	na			
	Styrene	ug/l	5	-	1 U	1 U	1 U	na			
	Tert-Butyl Methyl Ether	ug/l	-	-	1 U	1 U	1 U	na			
	Tetrachloroethylene (PCE)	ug/l	0.7	1	1 U	1 U	1 U	na			
	Toluene	ug/l	5	6000	1 U	1 U	1 U	na			
	Trans-1,2-Dichloroethene	ug/l	5	-	1 U	1 U	1 U	na			
	Trans-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U	1 U	na			
	Trichloroethylene (TCE)	ug/l	5	40.0	0.53 J	0.49 J	0.4 J	na			
	Trichlorofluoromethane	ug/l	-	-	1 U	1 U	1 U	na			
	Vinyl Chloride	ug/l	0.3	-	1 U	1 U	1 U	na			
	Xylenes	ug/l	5	-	2 U	2 U	2 U	na			
Totals		ug/l			0.53	0.49	0.4	na			

Notes and Abbreviations
ng/L - nanograms per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for surface water.

Table 23
Analytical Results for Other Parameters from Surface Water Samples (GW-SW Study)
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



				Location: Sample Type: Date: Sample ID: Validate - Y/N	OS-MP-09 N 2020-09-23 OS-MP-09SW (09232020) Y	OS-MP-10 N 2020-09-28 OS-MP-10SW(09282020) Y
Type	Analyte	Unit	NYDEC TOGS111 SW	NY-TOGS 1.1.1- SW_HUMANCONSUMFISH (FW)		
General Chemistry	Alkalinity, Total (As CaCO3)	mg/l	-	-	119	121
	Bicarbonate	mg/l	-	-	119	120
	Chloride	mg/l	-	-	45.4	45.3
	Nitrogen, Nitrate (As N)	mg/l	-	-	0.61 J	0.74 J
	Nitrogen, Nitrite	mg/l	-	-	0.026 J	na
	pH	ph units	-	-	8.31	8.45
	Sulfate	mg/l	-	-	13.8	13.6
	Temperature	deg c	-	-	21.1	20.5
Total Organic Carbon	mg/l	-	-	1.3	1.5	
Other	Fluoride	mg/l	-	-	0.1 U	0.1 U
	Hardness (As CaCO3)	mg/l	-	-	140	132
	Nitrogen, Ammonia (As N)	mg/l	-	-	0.056 J	0.1 U
	Nitrogen, Kjeldahl, Total	mg/l	-	-	0.19 J	0.2 U
	Nitrogen, Nitrate-Nitrite	mg/l	-	-	na	0.76 J
	Phosphorus	mg/l	-	-	0.03 U	0.03 U
	Phosphorus, Total Orthophosphate (As PO4)	mg/l	-	-	0.09 U	0.09 U
	Sulfite (As SO3)	mg/l	-	-	5 U	5 U
Sulfur, Mol (S8)	ug/l	-	-	4950	4980	
SVOCs	1,4-Dioxane (P-Dioxane)	ug/l	-	-	0.15 J	0.2 U
VOCs	1,1,1-Trichloroethane (TCA)	ug/l	5	-	1 U	1 U
	1,1,2,2-Tetrachloroethane	ug/l	0.2	-	1 U	1 U
	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	-	-	1 U	1 U
	1,1,2-Trichloroethane	ug/l	1	-	1 U	1 U
	1,1-Dichloroethane	ug/l	5	-	1 U	1 U
	1,1-Dichloroethene	ug/l	0.7	-	1 U	1 U
	1,2,4-Trichlorobenzene	ug/l	5	-	1 U	1 U
	1,2-Dibromo-3-Chloropropane	ug/l	0.04	-	1 U	1 U
	1,2-Dibromoethane (Ethylene Dibromide)	ug/l	0.0006	-	1 U	1 U
	1,2-Dichlorobenzene	ug/l	3	-	1 U	1 U
	1,2-Dichloroethane	ug/l	0.6	-	1 U	1 U
	1,2-Dichloropropane	ug/l	1	-	1 U	1 U
	1,3-Dichlorobenzene	ug/l	3	-	1 U	1 U
	1,4-Dichlorobenzene	ug/l	3	-	1 U	1 U
	2-Hexanone	ug/l	50	-	5 U	5 U
	Acetone	ug/l	50	-	5 U	5 U
	Benzene	ug/l	1	10	1 U	1 U
	Bromodichloromethane	ug/l	50	-	1 U	1 U
	Bromoform	ug/l	50	-	1 U	1 U
	Bromomethane	ug/l	5	-	1 U	1 U
	Carbon Disulfide	ug/l	60	-	1 U	1 U
	Carbon Tetrachloride	ug/l	0.4	-	1 U	1 U
	Chlorobenzene	ug/l	5	400	1 U	1 U
	Chloroethane	ug/l	5	-	1 U	1 U
	Chloroform	ug/l	7	-	1 U	1 U
	Chloromethane	ug/l	5	-	1 U	1 U
	Cis-1,2-Dichloroethylene	ug/l	5	-	1 U	1 U
	Cis-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U
	Cyclohexane	ug/l	-	-	1 U	1 U
	Dibromochloromethane	ug/l	50	-	1 U	1 U
	Dichlorodifluoromethane	ug/l	-	-	1 U	1 U
	Ethylbenzene	ug/l	5	-	1 U	1 U
	Isopropylbenzene (Cumene)	ug/l	-	-	1 U	1 U
	Methyl Acetate	ug/l	-	-	5 U	5 U
	Methyl Ethyl Ketone (2-Butanone)	ug/l	50	-	5 U	5 U
	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	ug/l	-	-	5 U	5 U
	Methylcyclohexane	ug/l	-	-	1 U	1 U
	Methylene Chloride	ug/l	5	200	1 U	1 U
	Styrene	ug/l	5	-	1 U	1 U
	Tert-Butyl Methyl Ether	ug/l	-	-	1 U	1 U
	Tetrachloroethylene (PCE)	ug/l	0.7	1	1 U	1 U
	Toluene	ug/l	5	6000	1 U	1 U
	Trans-1,2-Dichloroethene	ug/l	5	-	1 U	1 U
	Trans-1,3-Dichloropropene	ug/l	0.4	-	1 U	1 U
	Trichloroethylene (TCE)	ug/l	5	40.0	1 U	1 U
	Trichlorofluoromethane	ug/l	-	-	1 U	1 U
	Vinyl Chloride	ug/l	0.3	-	1 U	1 U
	Xylenes	ug/l	5	-	2 U	2 U
Totals		ug/l			0	0

Notes and Abbreviations
ng/L - nanograms per liter
µg/L - micrograms per liter
U - Compound not detected
J - Estimated value
N - Primary sample
FD - Field duplicate sample
na - Sample not analyzed for this parameter
Bold value indicates detected value

Exceedance of NYS GA Standard: NYSDEC TOGS111 - Standards listed are the New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 values for surface water.

Table 24
Summary of Analytical Methods
Former Oak Materials John Street
Village of Hoosick Falls, Town of Hoosick, New York



Analytical Parameter	Matrix	Method Number	Method Title	Method Reference
PFAS	Aqueous/Non-Aqueous	537,537(modified), 537-LL	Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) Version 1.1	1
VOCs	Aqueous/Non-Aqueous	8260C, 8260D	Volatile Organic Compounds by Gas Chromatography/ Mass Spectrometry Determination of Volatile Organic Compounds (VOCs) in air collected in specially-prepared canisters and analyzed by Gas chromatography/Mass Spectrometry (GC/MS)	2
SVOCs	Aqueous/Non-Aqueous	8270D, 8260E 8270D-SIM, 8270E-SIM	Semivolatile Organic Compounds by Gas Chromatography/ Mass Spectrometry	2
Pesticides	Aqueous/Non-Aqueous	8081B	Organochlorine Pesticides by Gas Chromatography	2
PCBs	Aqueous/Non-Aqueous	8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	2
Metals	Aqueous/Non-Aqueous	6010,6010C	Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-AES)	2
Mercury	Aqueous	7470A	Mercury in Liquid Waste (Manual Cold-Vapor Technique)	2
Mercury	Non-Aqueous	7471B	Mercury in Solid or Semisolid Waste (Manual Cold-Vapor Technique)	2
Cyanide	Aqueous/Non-Aqueous	9012, 9012B	Total and Amenable Cyanide (Automated Colorimetric, With Off-Line Distillation)	2
TOC	Non-Aqueous	Lloyd Kahn (modified)	Determination of Total Organic Carbon in Sediment (Lloyd Kahn Method) July 27, 1988	3
TOC	Aqueous	9060 5310C	Total Organic Carbon by Carbonaceous Analyzer Persulfate-UV or Heated -Persulfate Oxidation Method	2
pH	Non-Aqueous	9045, 9045D,	Soil and Waste pH	2
pH	Aqueous	9040C, 4500-H+B	pH Electrometric Measurement pH Value in Water by Potentiometry Using a Standard Hydrogen Electrode	2
Alkalinity	Aqueous	A2320B	Titration Method	
Ethane, Ethene, Methane	Aqueous	RSK175		
Chloride,Sulfate	Aqueous	9056	Determination of Inorganic Anions by Ion Chromatography	2
Nitrogen (Nitrate&Nitrite)	Aqueous	E353.2	Determination of Nitrate-Nitrite Nitrogen by Automated Colorimetry	4

Notes and Abbreviations

- 1 - Methods for the Determination of Organic Compounds in Drinking Water – Supplement III
- 2 - USEPA Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846)
- 3 - EPA Region II Document Determination of Total Organic Carbon in Sediment, July 27, 1988
- 4 - USEPA Method 353.2, Revision 2.0: Determination of Nitrate-Nitrite Nitrogen by Automated Colorimetry, August 1993

PFAS - Per- and Polyfluoroalkyl Substances

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

Pesticides - Pesticide Organic Compounds

PCBs - Polychlorinated Biphenyl Compounds

TOC - Total Organic Carbon

FIGURES



Legend

-  Approximate Property Boundary
-  Village of Hoosick Falls Boundary
-  State Route 22



Figure 1: Site Location Map
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York



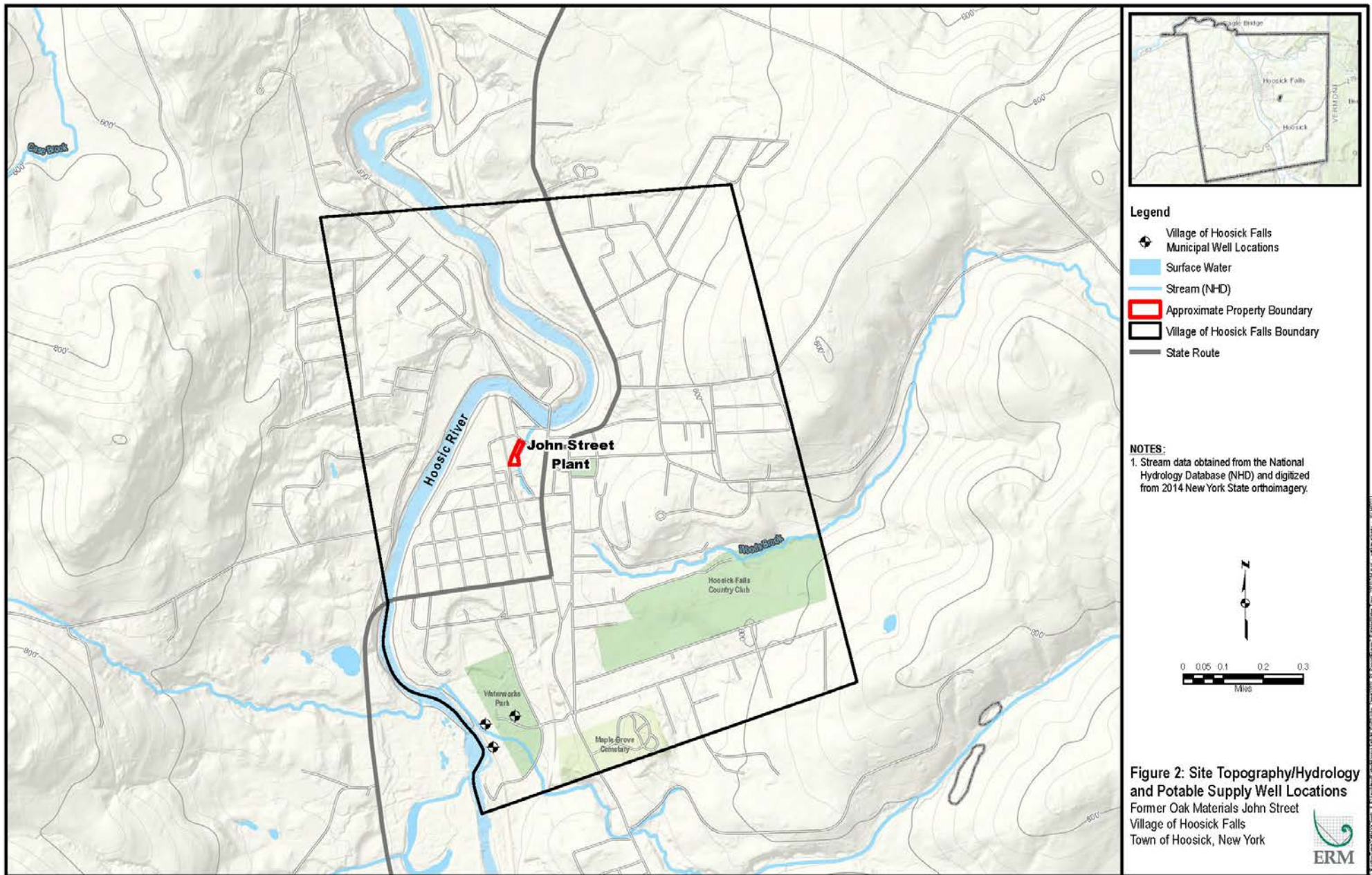
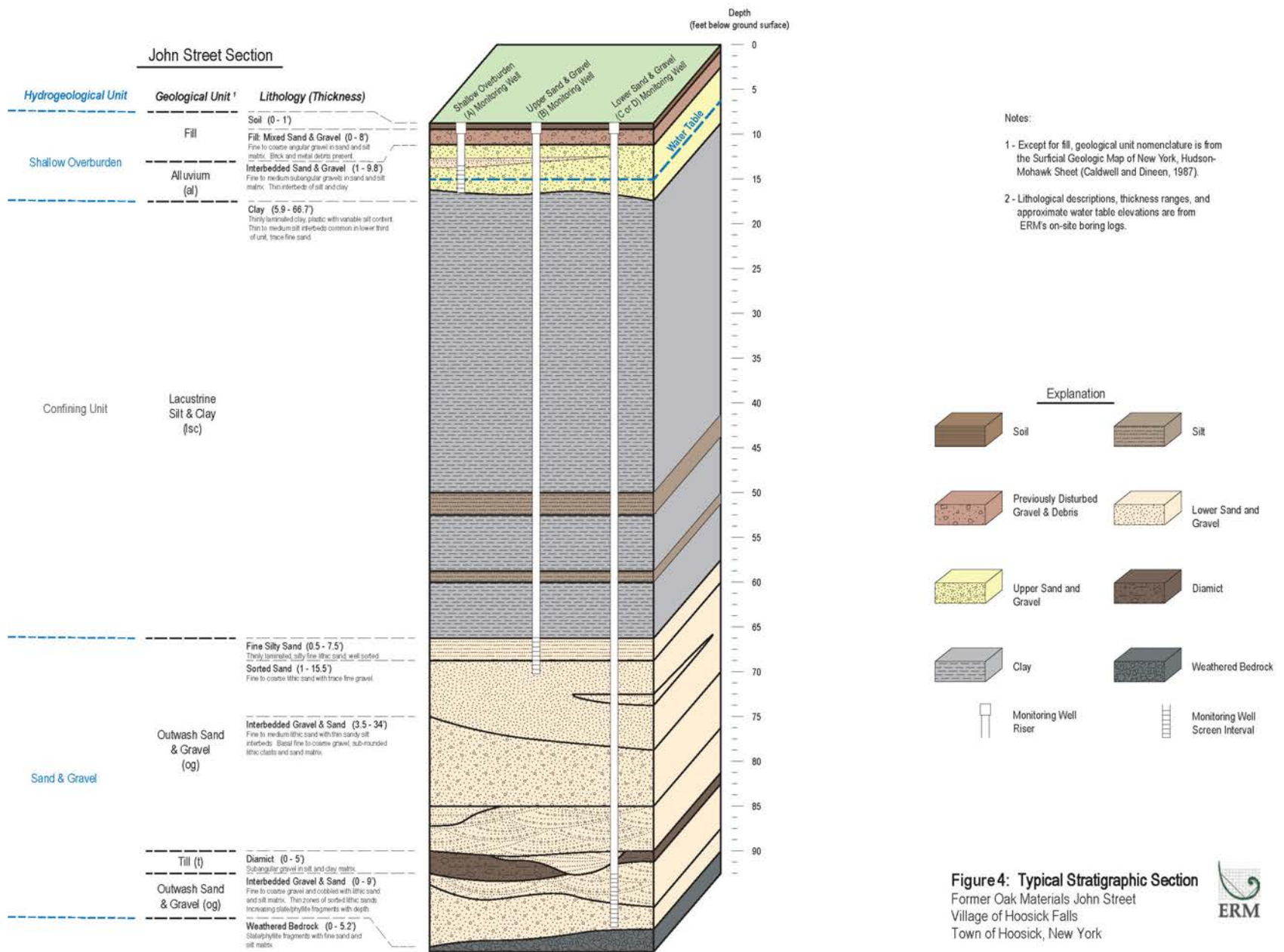




Figure 3: Key Geologic Materials and Textures
 Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York



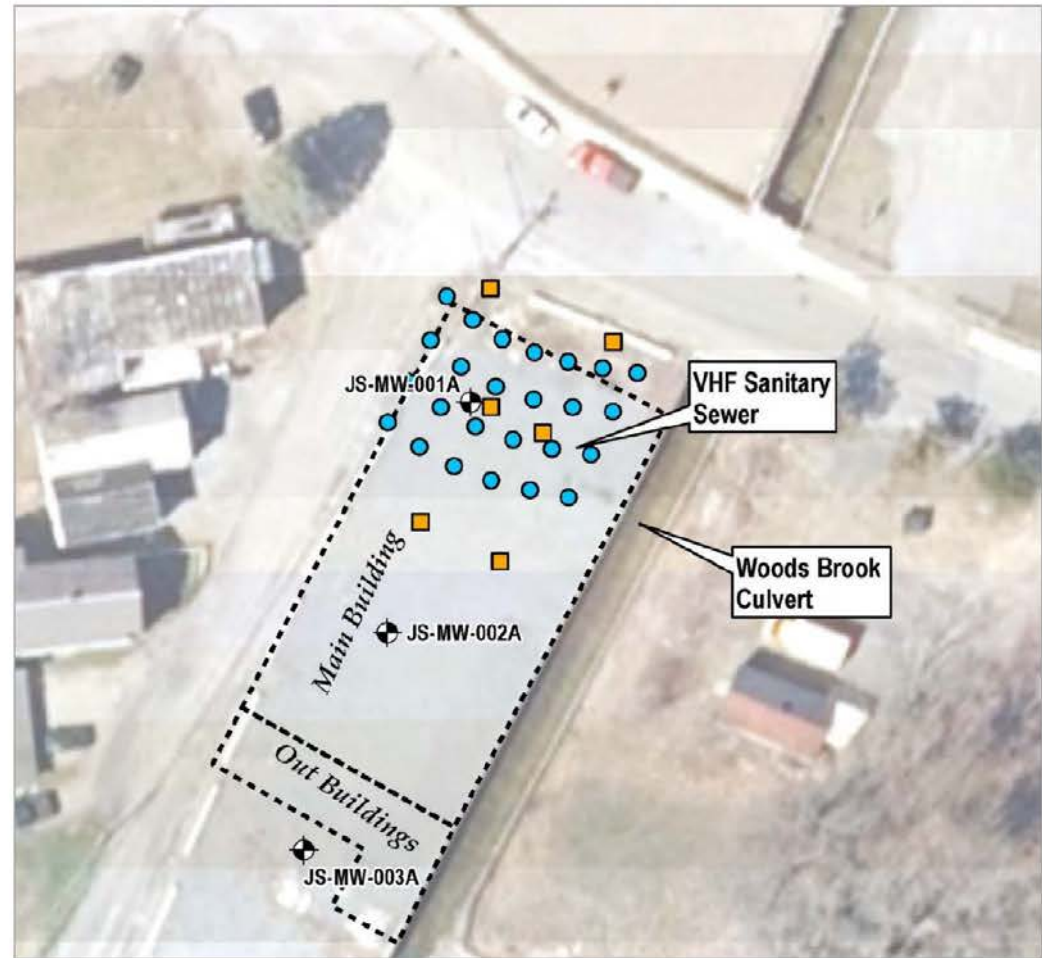
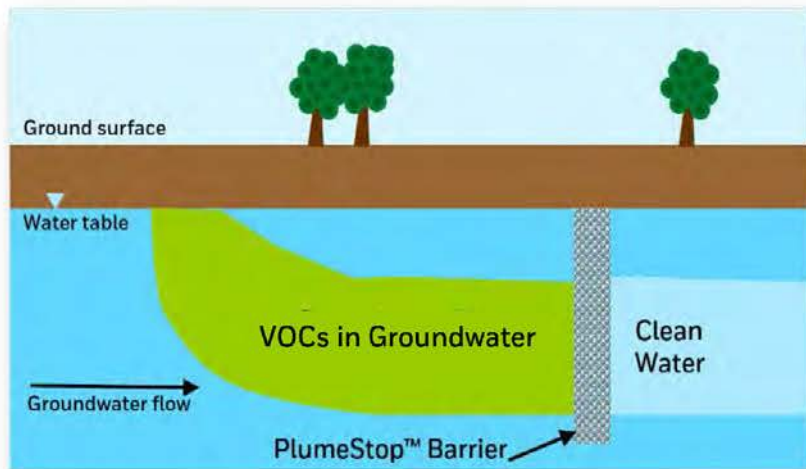
Shallow Groundwater IRM for VOCs

Implementation of IRM (Nov 2019)

- 25 injection points
- 10,800 lbs PlumeStop
- 2,000 lbs ZVI

Effectiveness Verification

- 6 new wells in/near barrier
- 6 existing shallow wells

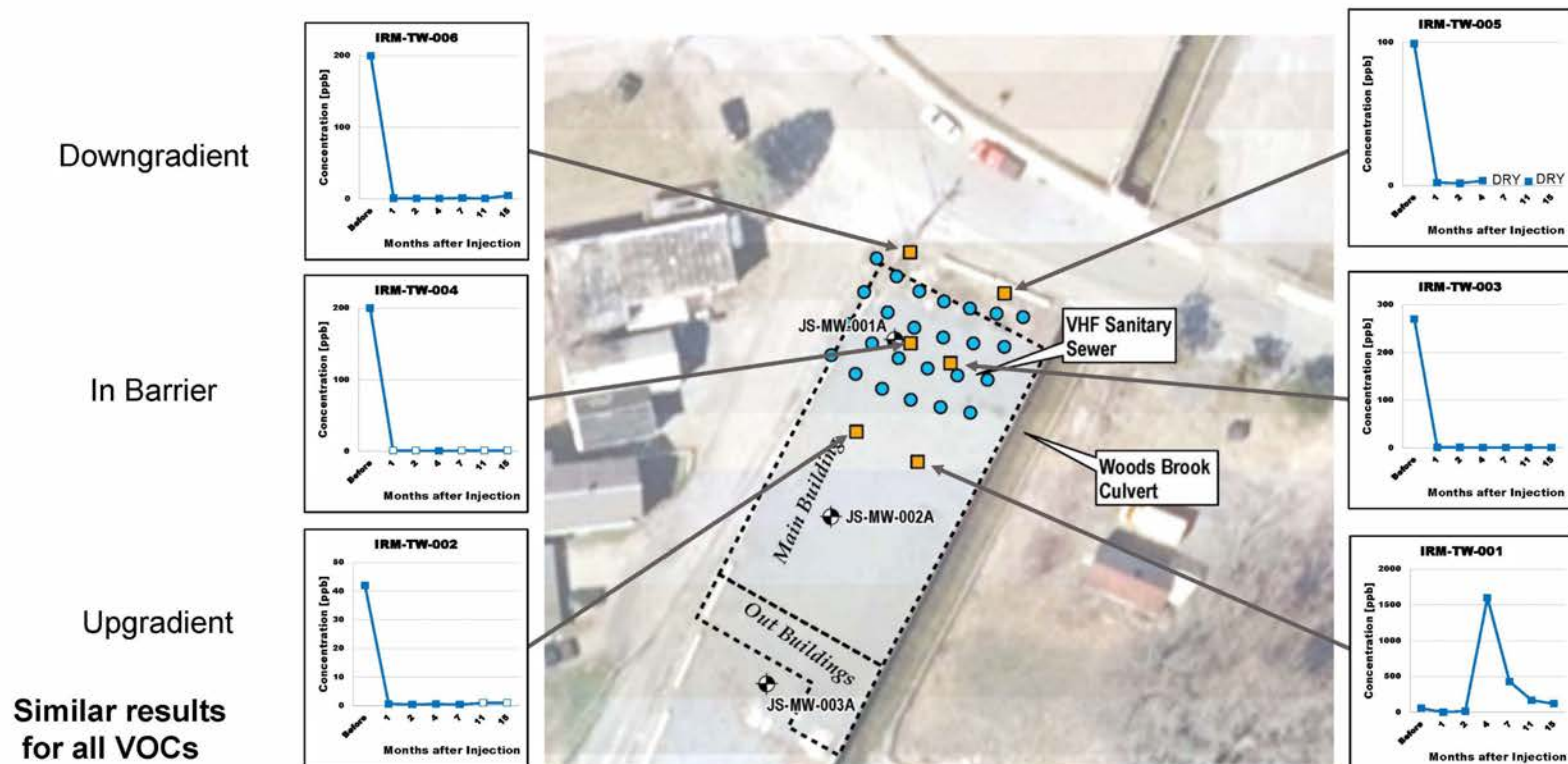


Legend

- Monitoring Well Location
- Injection Location
- Temporary Performance Monitoring Well
- Approximate Historic Building Footprint

Figure 5: Shallow Groundwater IRM for VOCs
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

SHALLOW GROUNDWATER IRM RESULTS - TCE



Legend

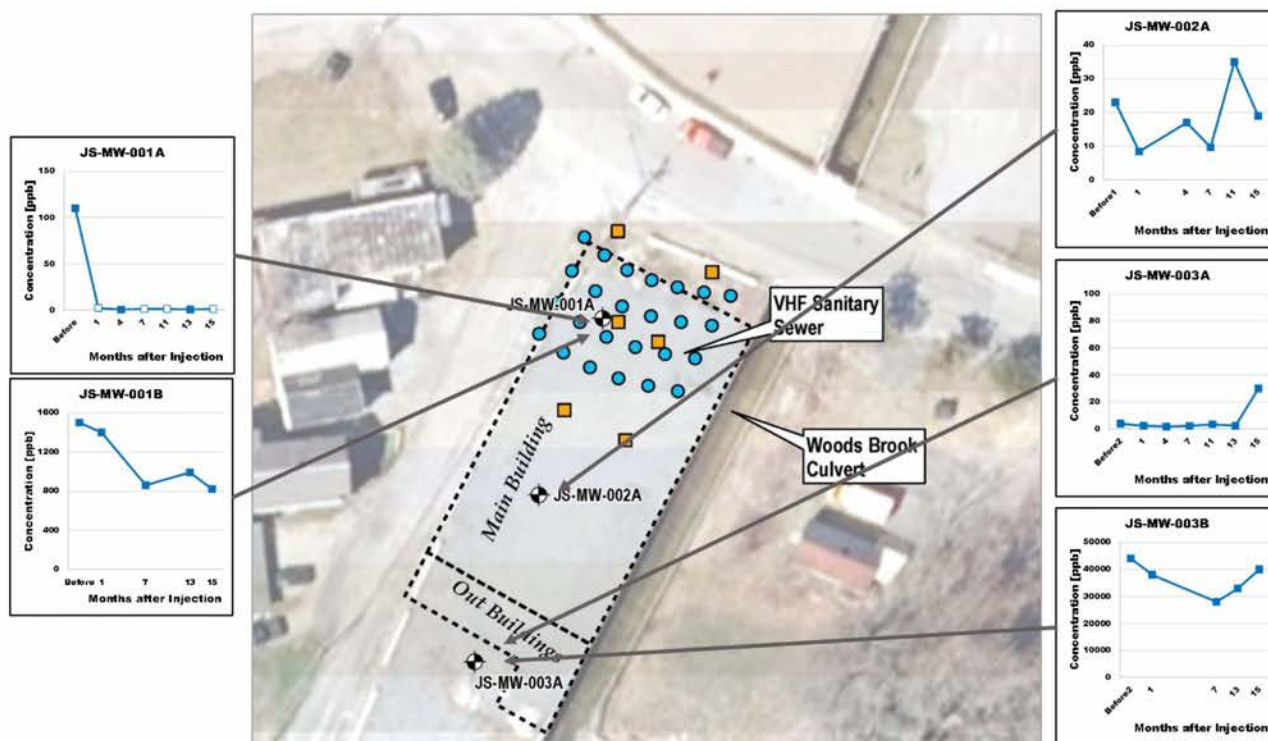
- Monitoring Well Location
- Injection Location
- Performance Monitoring Well
- Approximate Historic Building Footprint

"IRM-TW" and "A" designated wells are constructed with screens straddling or just below the water table in the shallow sand and gravel.

Figure 6
Shallow Groundwater IRM Results -
TCE in IRM Wells
Former Oak Materials Fluorglas Division
John Street Property
Village of Hoosick Falls, New York



SHALLOW GROUNDWATER IRM RESULTS - TCE



Similar results
for all VOCs

Legend

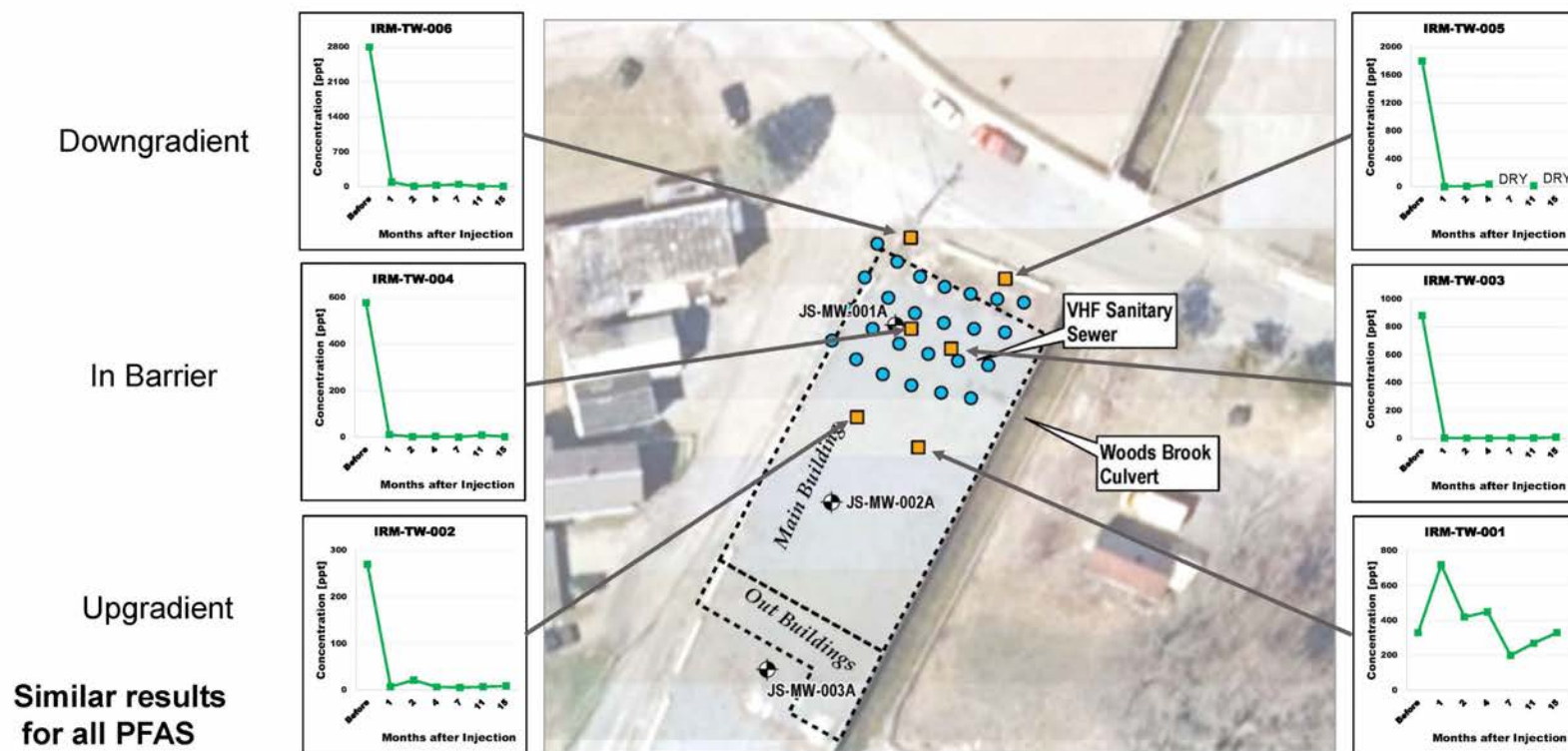
- Monitoring Well Location
- Injection Location
- Performance Monitoring Well
- Approximate Historic Building Footprint

"A" designated wells are constructed with screens straddling or just below the water table in the shallow sand and gravel.

"B" designated wells are constructed with screens below the clay unit near the top of the underlying deep sand and gravel unit.

Figure 7
Shallow Groundwater IRM Results -
TCE in On-site Monitoring Wells
Former Oak Materials Fluorglas Division
John Street Property
Village of Hoosick Falls, New York

SHALLOW GROUNDWATER IRM RESULTS - PFOA



Legend

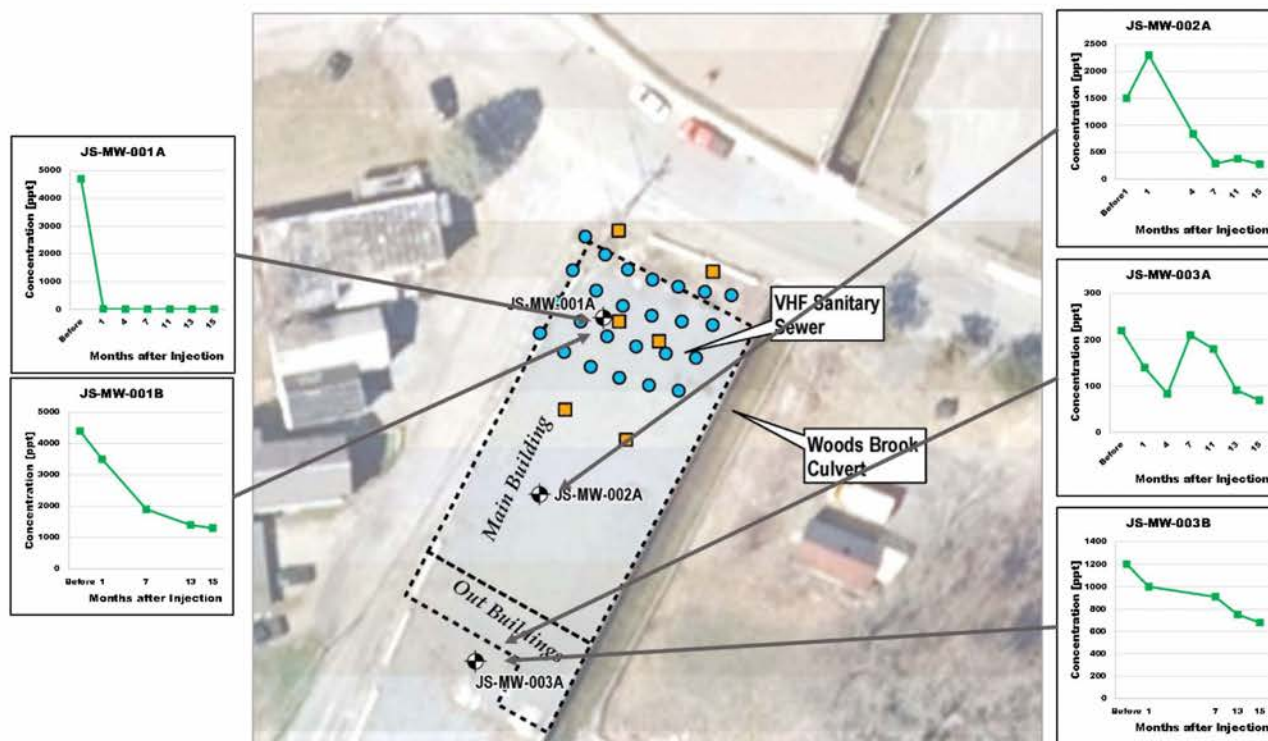
- Monitoring Well Location
- Injection Location
- Performance Monitoring Well
- Approximate Historic Building Footprint

"IRM-TW" and "A" designated wells are constructed with screens straddling or just below the water table in the shallow sand and gravel.

Figure 8
Shallow Groundwater IRM Results -
PFOA in IRM Wells
Former Oak Materials Fluorglas Division
John Street Property
Village of Hoosick Falls, New York



SHALLOW GROUNDWATER IRM RESULTS - PFOA



Similar results
for all PFAS

Legend

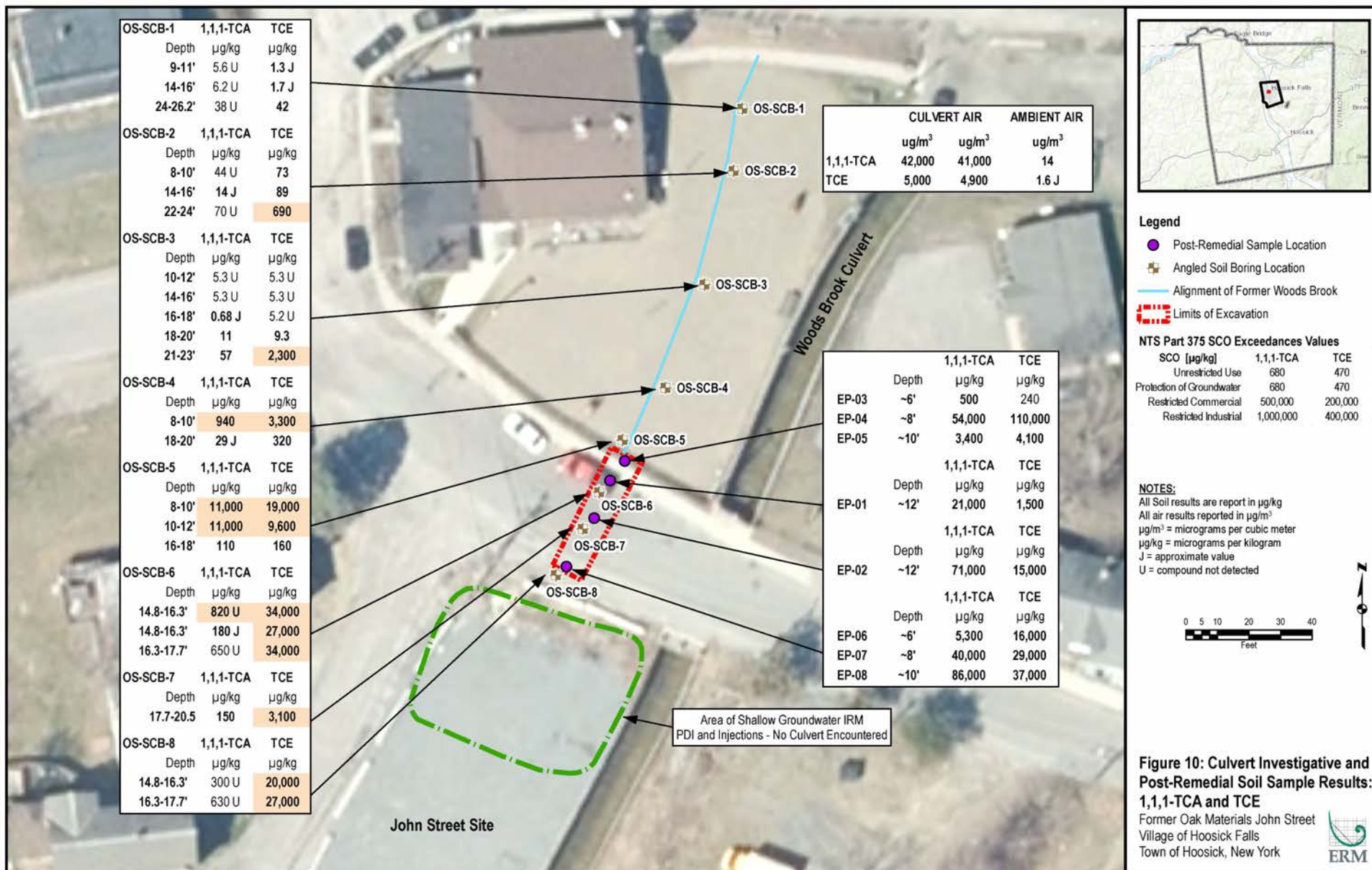
- Monitoring Well Location
- Injection Location
- Performance Monitoring Well
- Approximate Historic Building Footprint

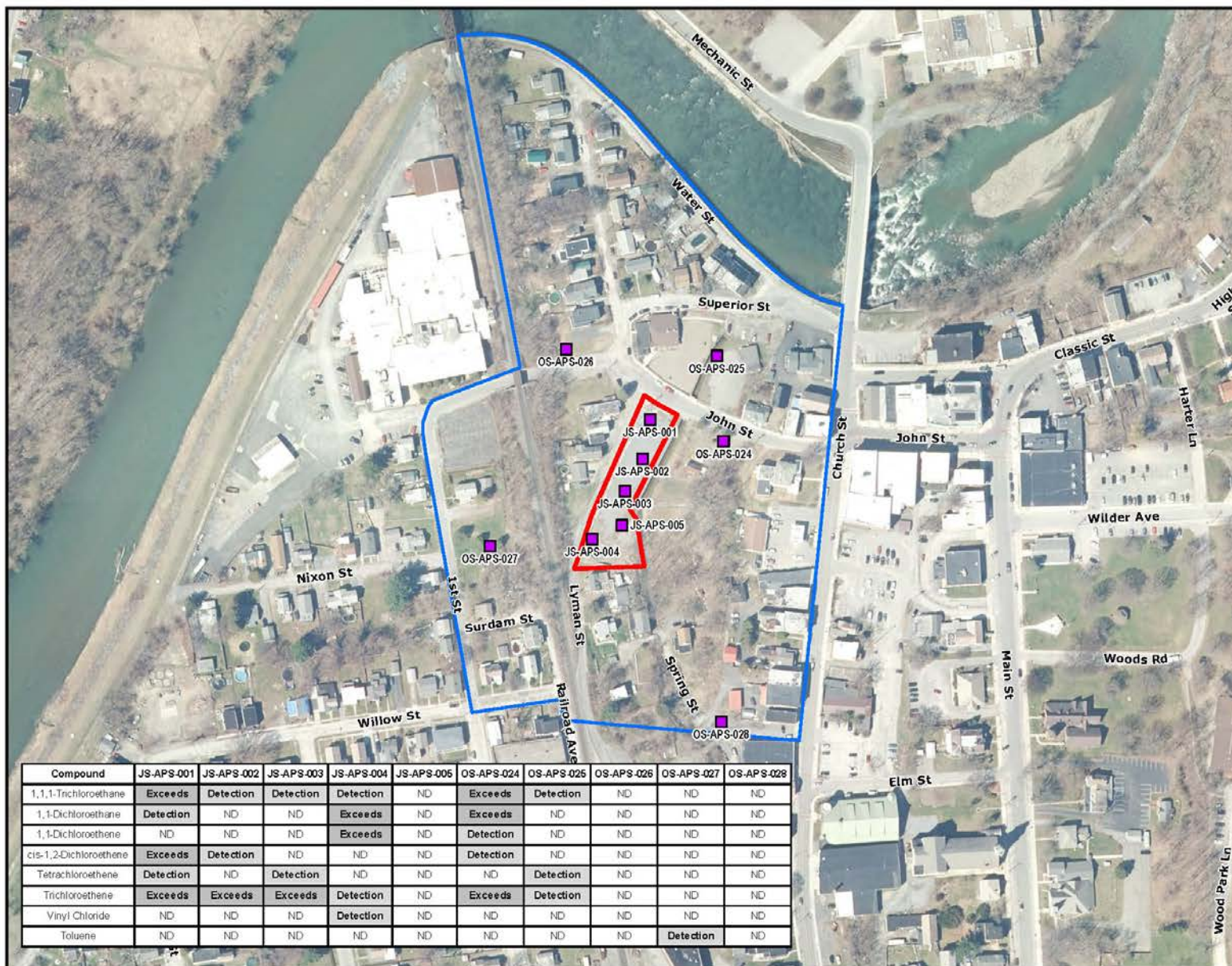
"A" designated wells are constructed with screens straddling or just below the water table in the shallow sand and gravel.

"B" designated wells are constructed with screens below the clay unit near the top of the underlying deep sand and gravel unit.

Figure 9
Shallow Groundwater IRM Results -
PFOA in On-site Monitoring Wells
Former Oak Materials Fluorglas Division
John Street Property
Village of Hoosick Falls, New York







Legend

- Approximate Property Boundary
- SVI Evaluation Area
- Advanced Profiling System (APS) Location

NOTES:

APS – Advanced Profiling System (Waterloo)
 Exceeds – Exceedance of NYS Class GA groundwater standard
 ND – compound not detected above laboratory method detection limit

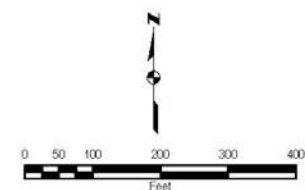
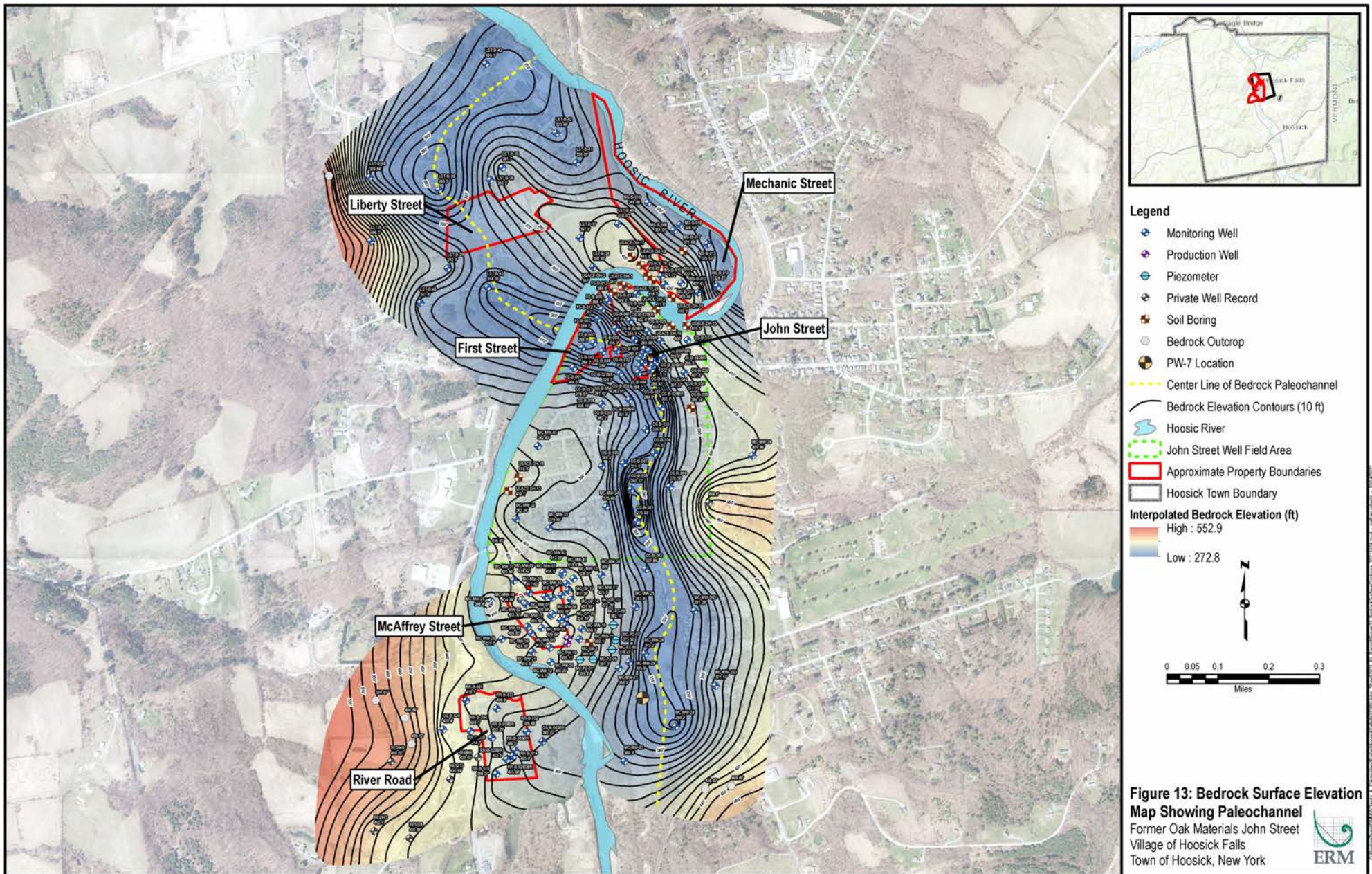
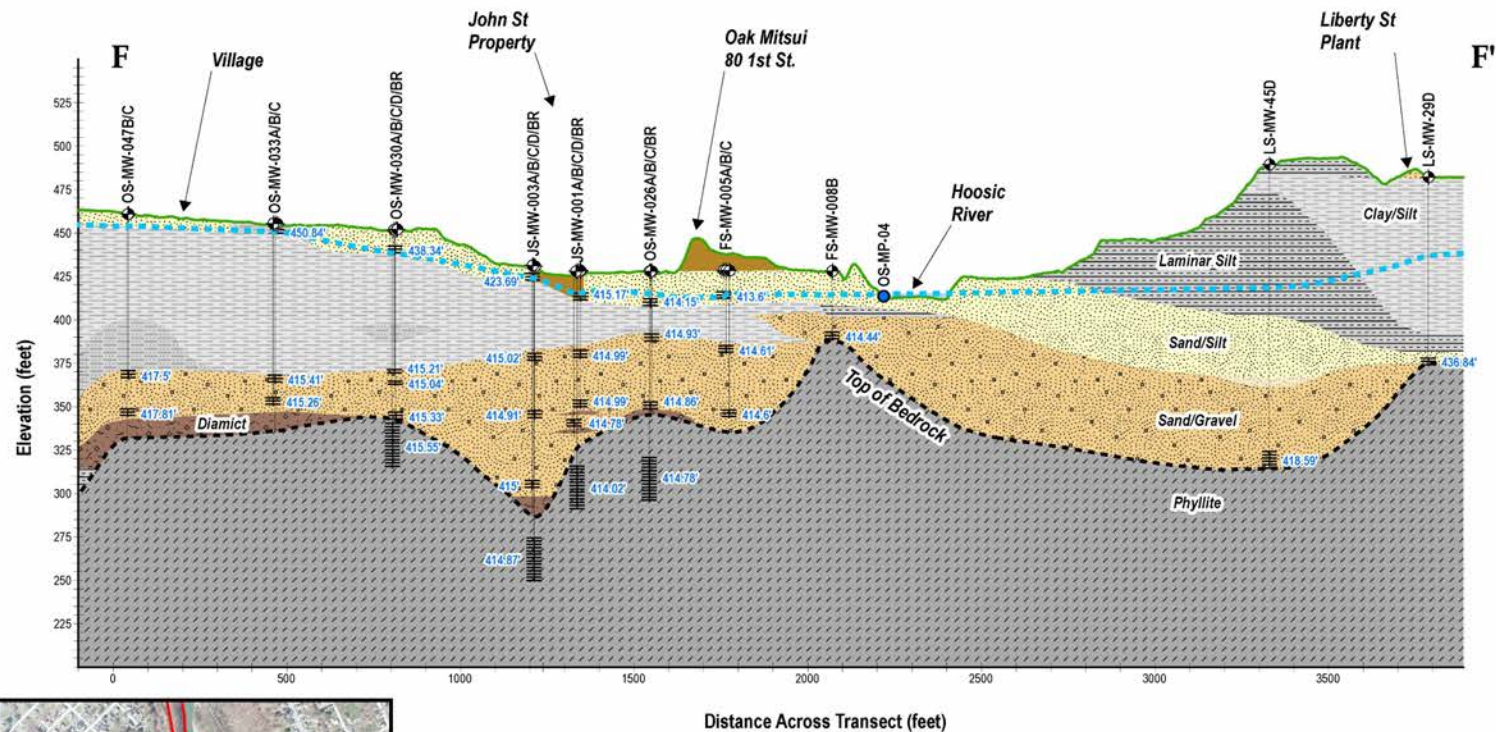


Figure 11: SVI Evaluation Area
 Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York









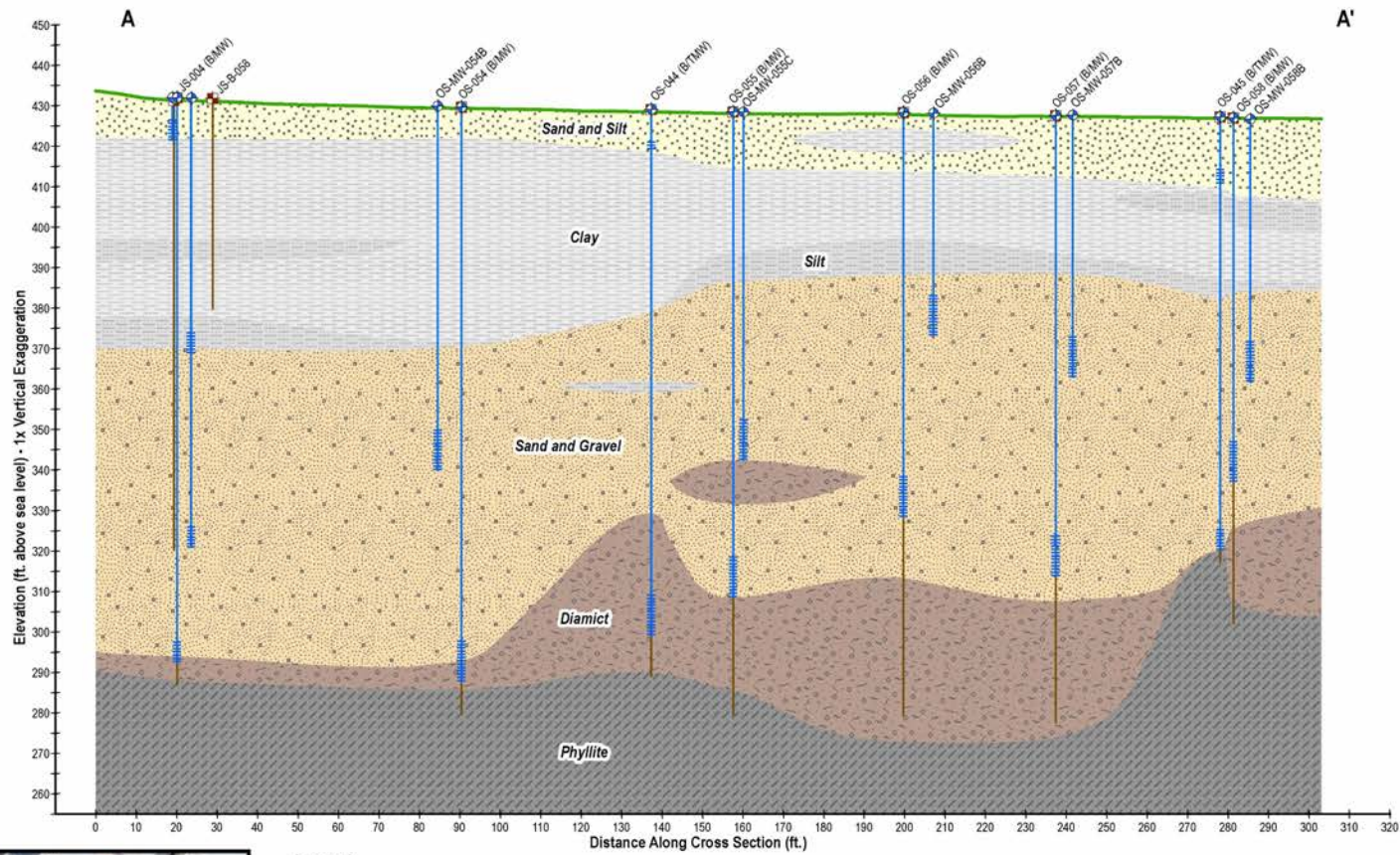
Legend

Monitoring Wells	Predominant Geologic Material
Surface Water Monitoring Location	Top Soil
Transect Line	Fill
Ground Surface	Sand
Groundwater Elevation - Dec 2020	Sand & Silt
Water Table Surface	Silt
Approximate Property Boundaries	Clay
Village of Hoosick Falls Boundary	Sand & Gravel
Monitoring Well Screen	Laminar Silt & Clay
Borehole Lines	Diamict
	Phyllite

Figure 14: Regional Geologic Cross Section F-F'
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- Groundwater elevations were gauged during the December 2020 groundwater gauging event.
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 5X



Legend

- Monitoring Well
- Soil Boring
- Surface Profile
- Monitoring Well Screen Interval
- Well Trace
- Soil Boring Trace
- Transect Line
- Approximate Property Boundary

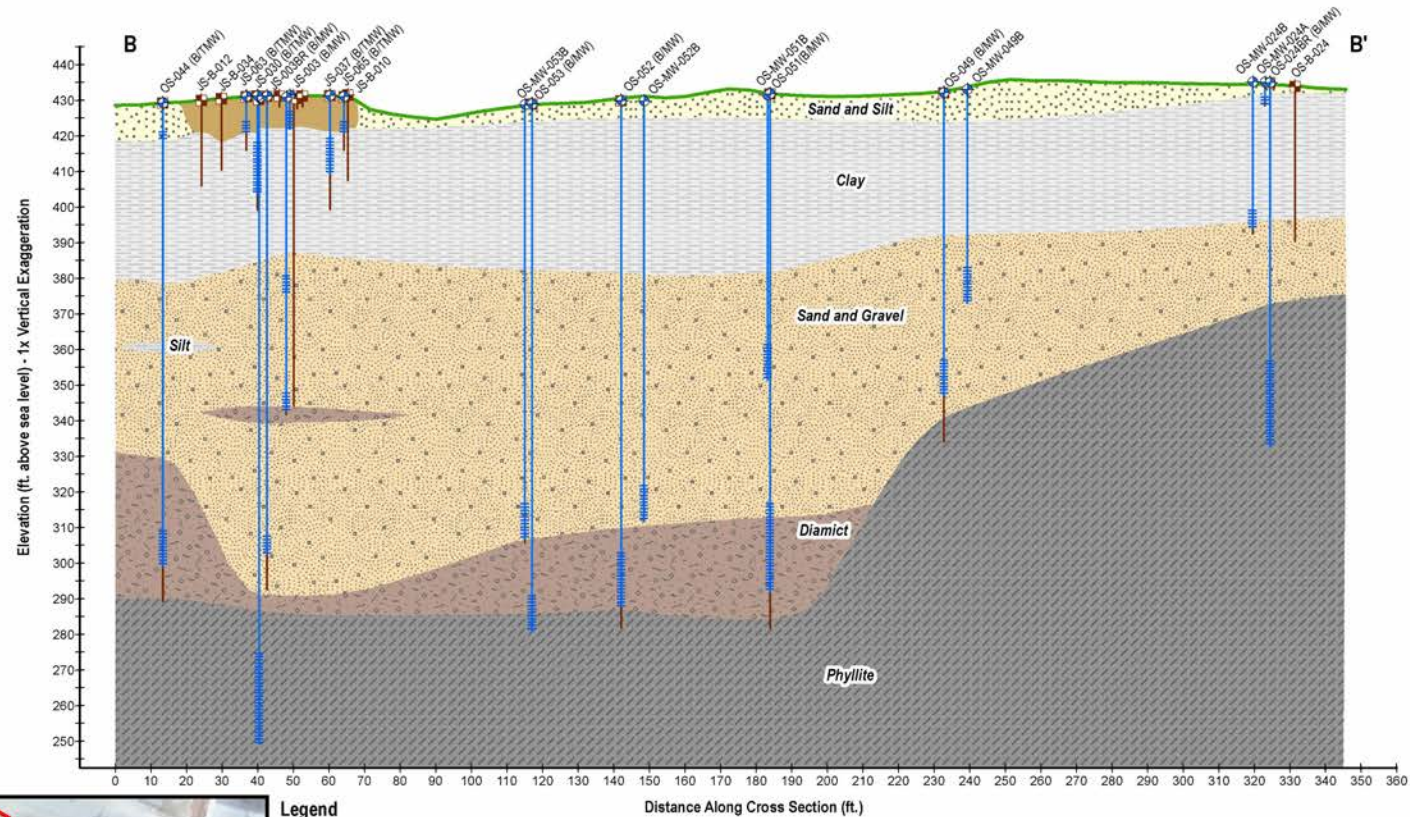
Lithology

- Sand and Silt
- Clay
- Silt
- Sand and Gravel
- Diamict
- Phyllite

Figure 15: Geologic Cross Section A-A'
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ft. = feet
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 1X



Legend

- Monitoring Well
- Soil Boring
- Surface Profile
- Monitoring Well Screen Interval
- Well Trace
- Soil Boring Trace
- Transect Line
- Approximate Property Boundary

Lithology

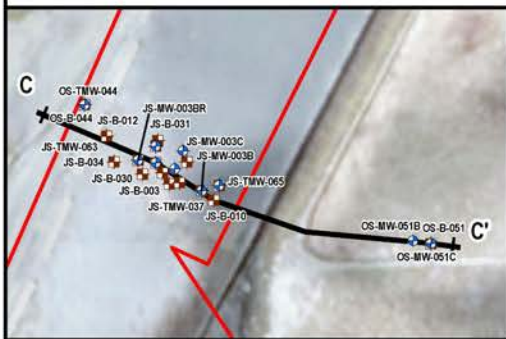
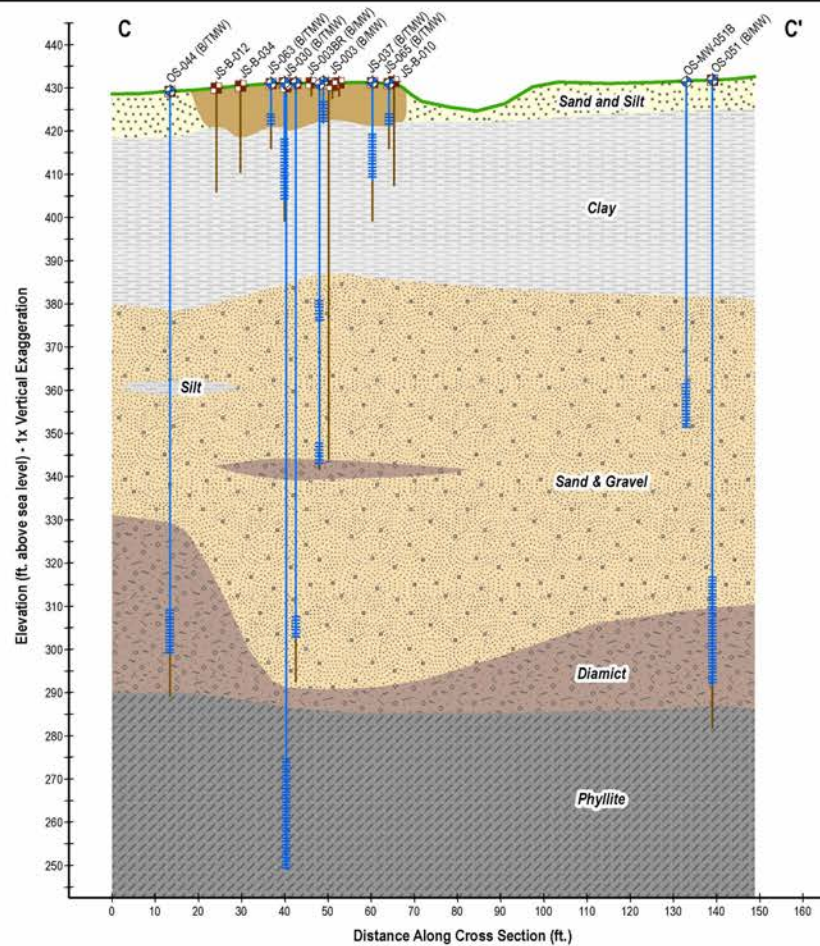
- Fill
- Sand and Silt
- Clay
- Silt
- Sand and Gravel
- Diamict
- Phyllite

Figure 16: Geologic Cross Section B-B'

Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ft. = feet
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 1X



Legend

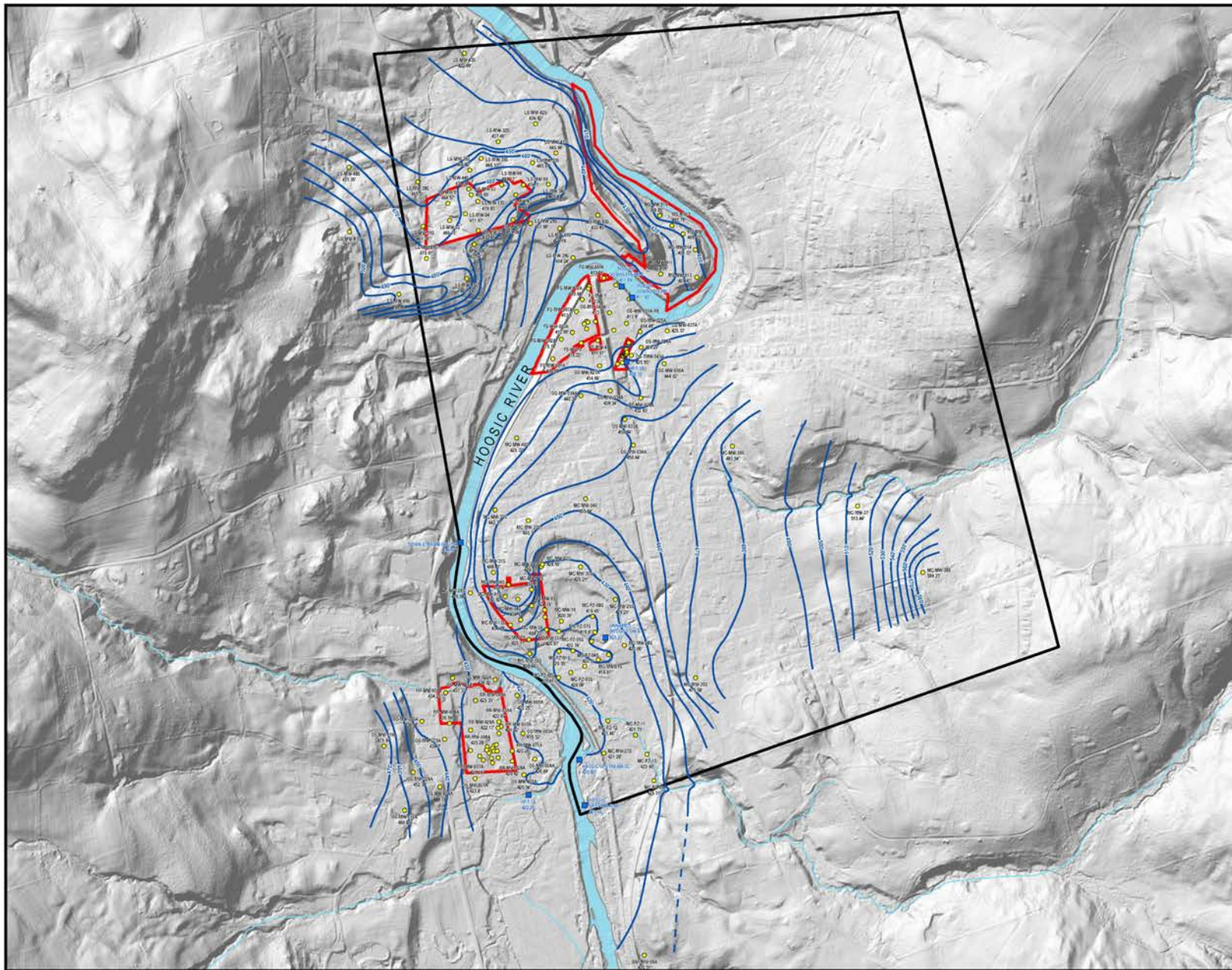
- Monitoring Well - Soil Boring - Surface Profile - Monitoring Well Screened Interval - Well Trace - Soil Boring Trace - Transect Line - Approximate Property Boundary	Lithology - Fill - Sand and Silt - Clay - Silt - Sand & Gravel - Diamict - Phyllite

Figure 17: Geologic Cross Section C-C'

Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ft. = feet
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 1X



Legend

Regional Gauging Event - December 2020

- Site Measurements
- Stream Gauges
- Water Table Elevation Contours (10 ft)
- - - Water Table Elevation Contours (10 ft) - Inferred
- Stream
- Hoosic River
- Approximate Property Boundaries

NOTES:

- Due to the density of measurement locations, not all locations are labeled
- Water table elevation was modeled using spatial analyst interpolation tools in ArcGIS 10.7.1
- Steep local gradients proximal to the Hoosic River are not depicted
- The basemap shown is a LiDAR derived hillshade topographic model

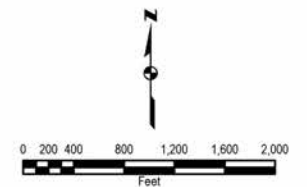
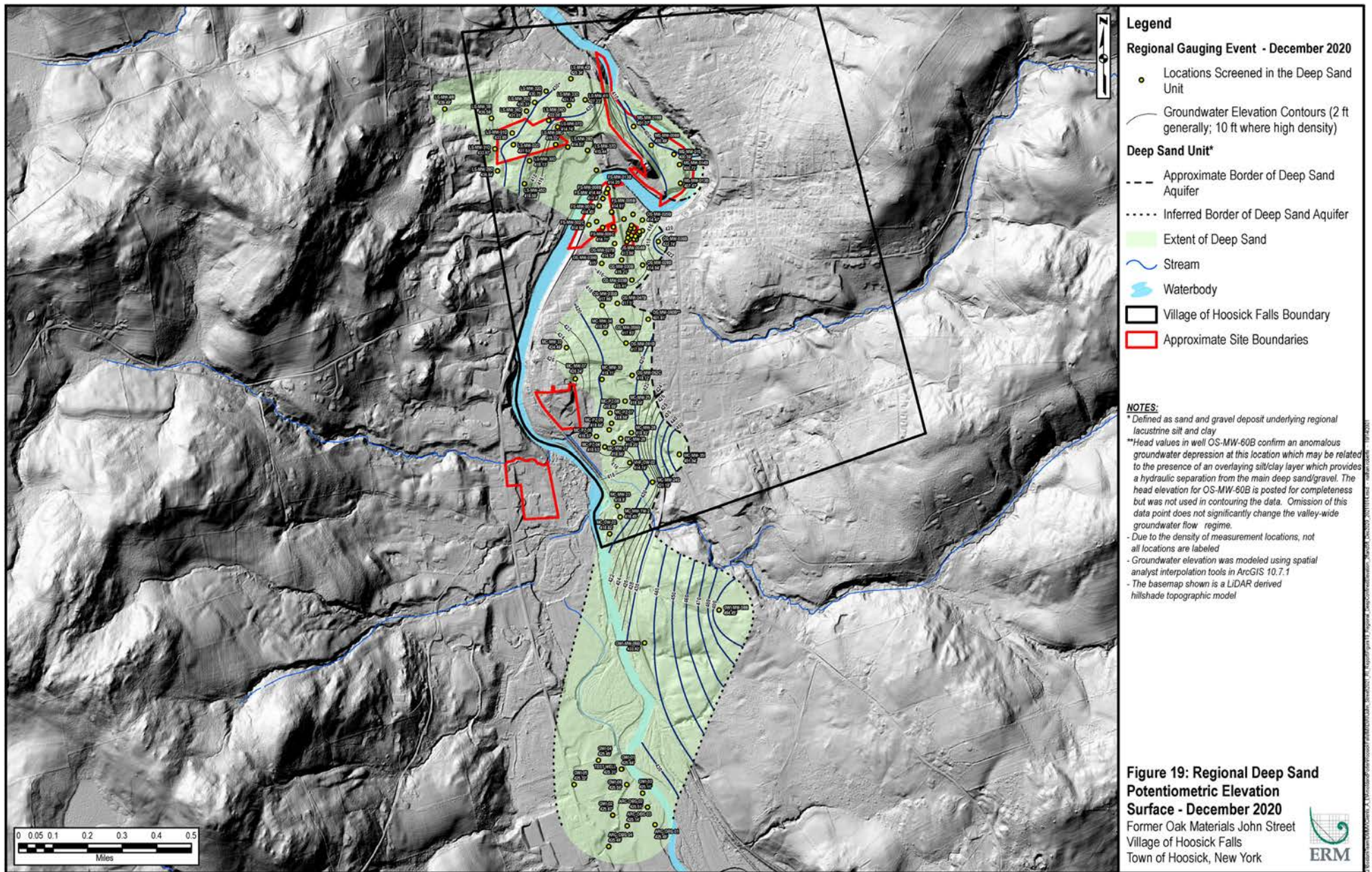
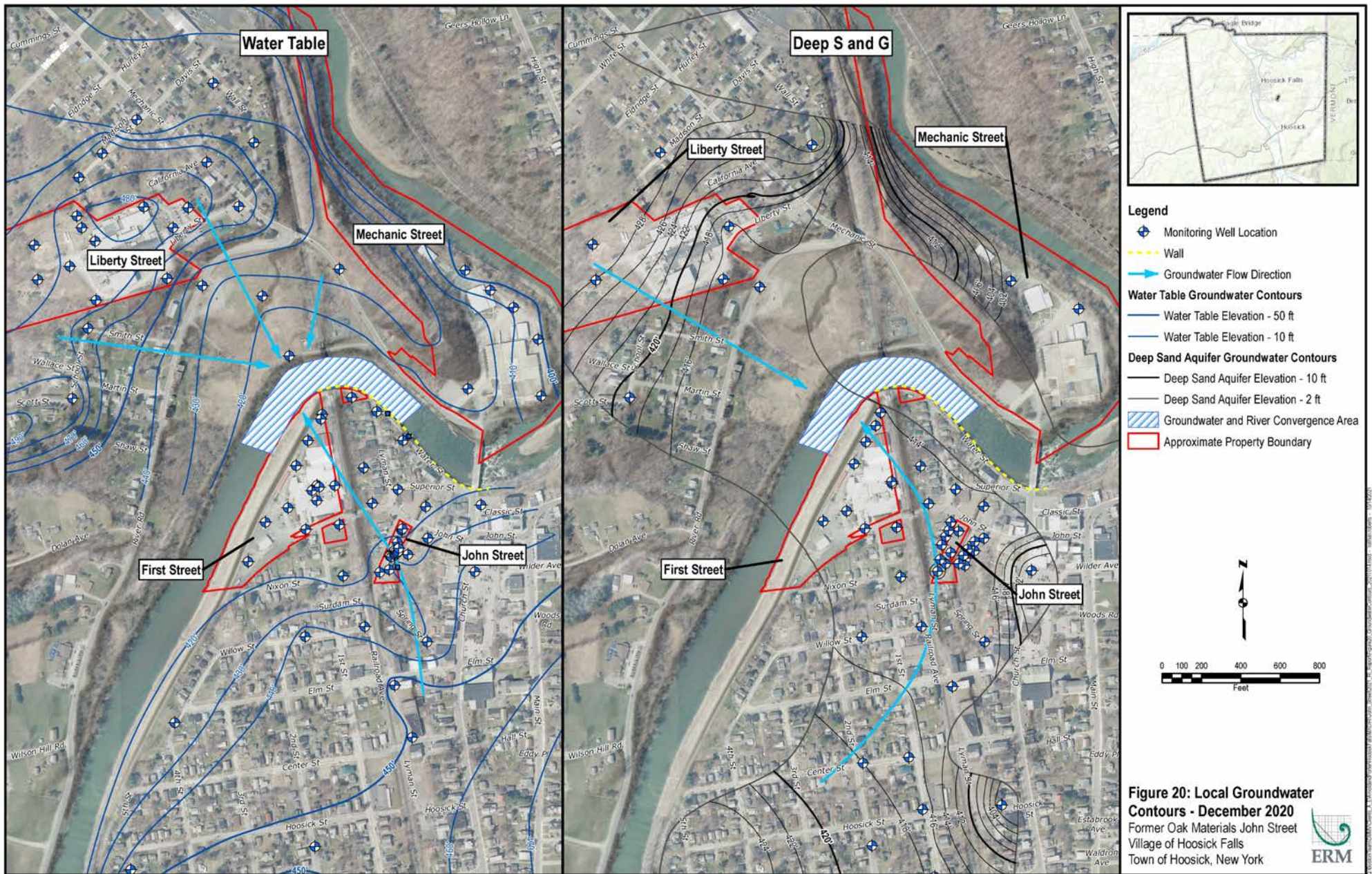
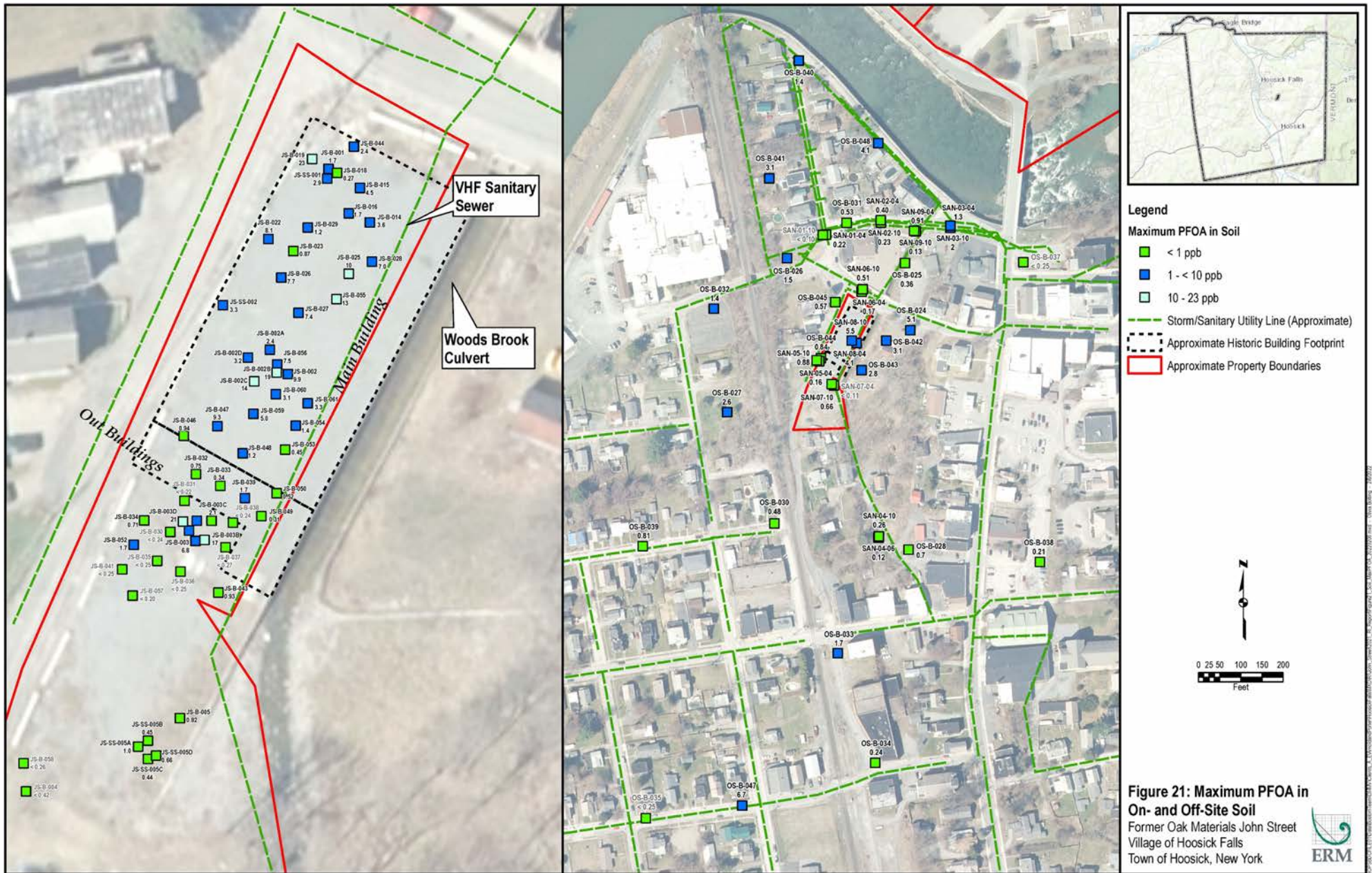


Figure 18: Regional Water Table Elevation - December 2020
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York











- Legend**
- Advanced Profiling System (APS) Location
 - Approximate Property Boundary

NOTES:
PFOA - Perfluorooctanoic Acid
TOC - Total Organic Carbon
ng/L - nanogram per liter
mg/L - milligram per liter
SU - Standard Units
U - Compound not detected over detection limit
J - Approximate value
na - Sample not analyzed for parameter
Values in parentheses are the results from field duplicates
Aerial Imagery captured in 2014 from New York State

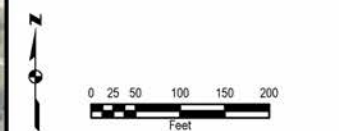
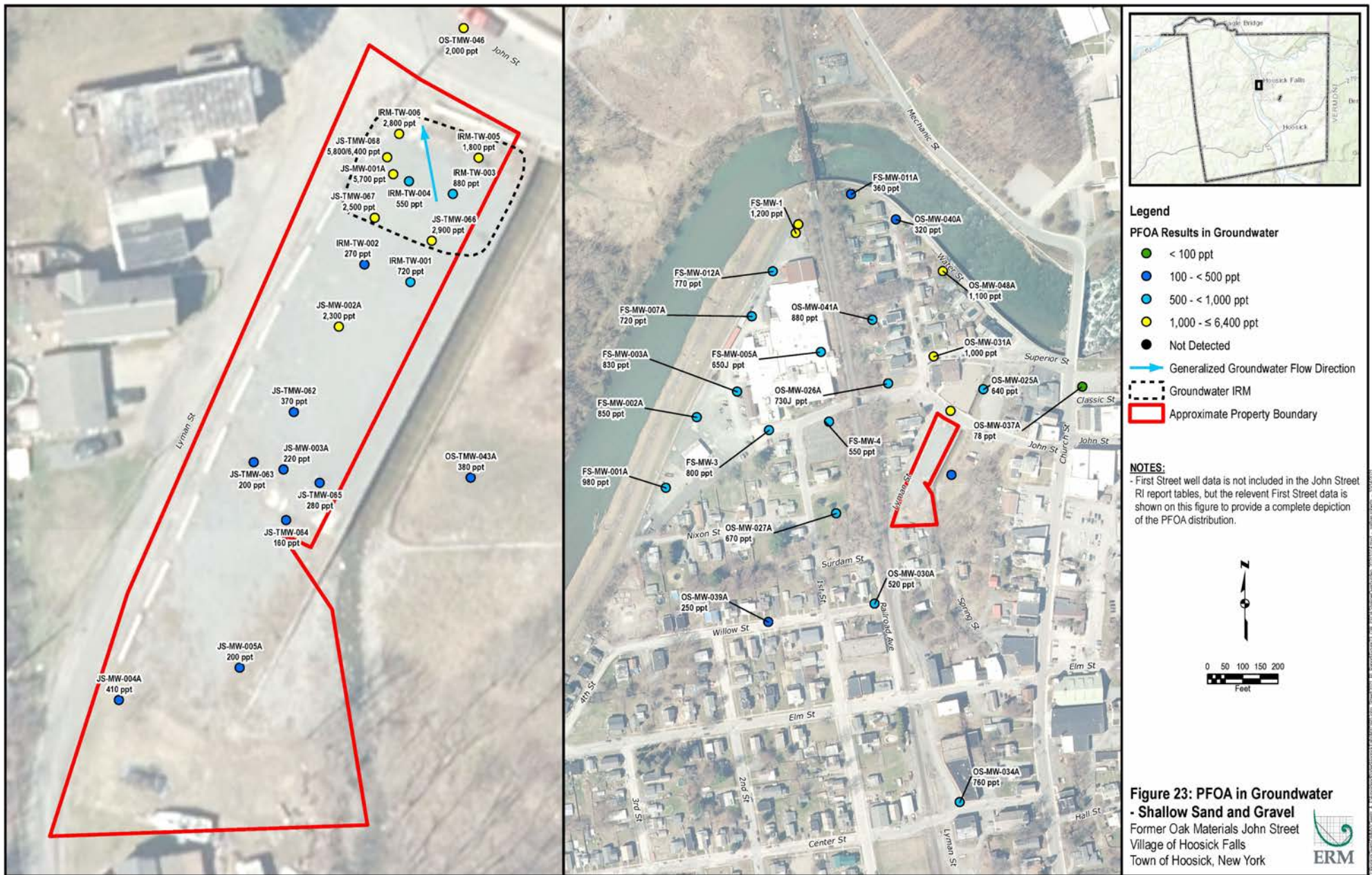


Figure 22: PFOA, pH, and TOC Concentrations in Groundwater APS Samples
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York







Legend

PFOA in Groundwater

● ≤ 19 ppt

● Not Detected

□ Approximate Property Boundary



Figure 25: PFOA in Groundwater

- Bedrock

Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York





Legend

- ◆ Surface Water Sample Location
- Approximate Property Boundary

NOTES:
PFOA - Perfluorooctanoic Acid
TOC - Total Organic Carbon
ng/L - nanogram per liter
mg/L - milligram per liter
SU - Standard Units
U - Compound not detected over detection limit
J - Approximate value
Aerial Imagery captured in 2014 from New York State

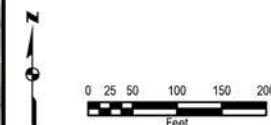


Figure 26: PFOA, pH, and TOC Concentrations in Surface Water Samples

Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York





Off-Property	PFOA µg/kg	pH SU	TOC mg/kg
OS-SED-017	0.89	7.82	4250
OS-SED-018	0.66	7.86	1670



Legend

- ◆ Sediment Sample Location
- Approximate Property Boundary

NOTES:

PFOA - Perfluorooctanoic Acid
 TOC - Total Organic Carbon
 µg/kg - micrograms per kilogram
 mg/kg - milligram per kilogram
 SU - Standard Units
 U - Compound not detected over detection limit
 J - Approximate value
 Aerial Imagery captured in 2014 from New York State

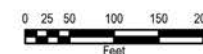
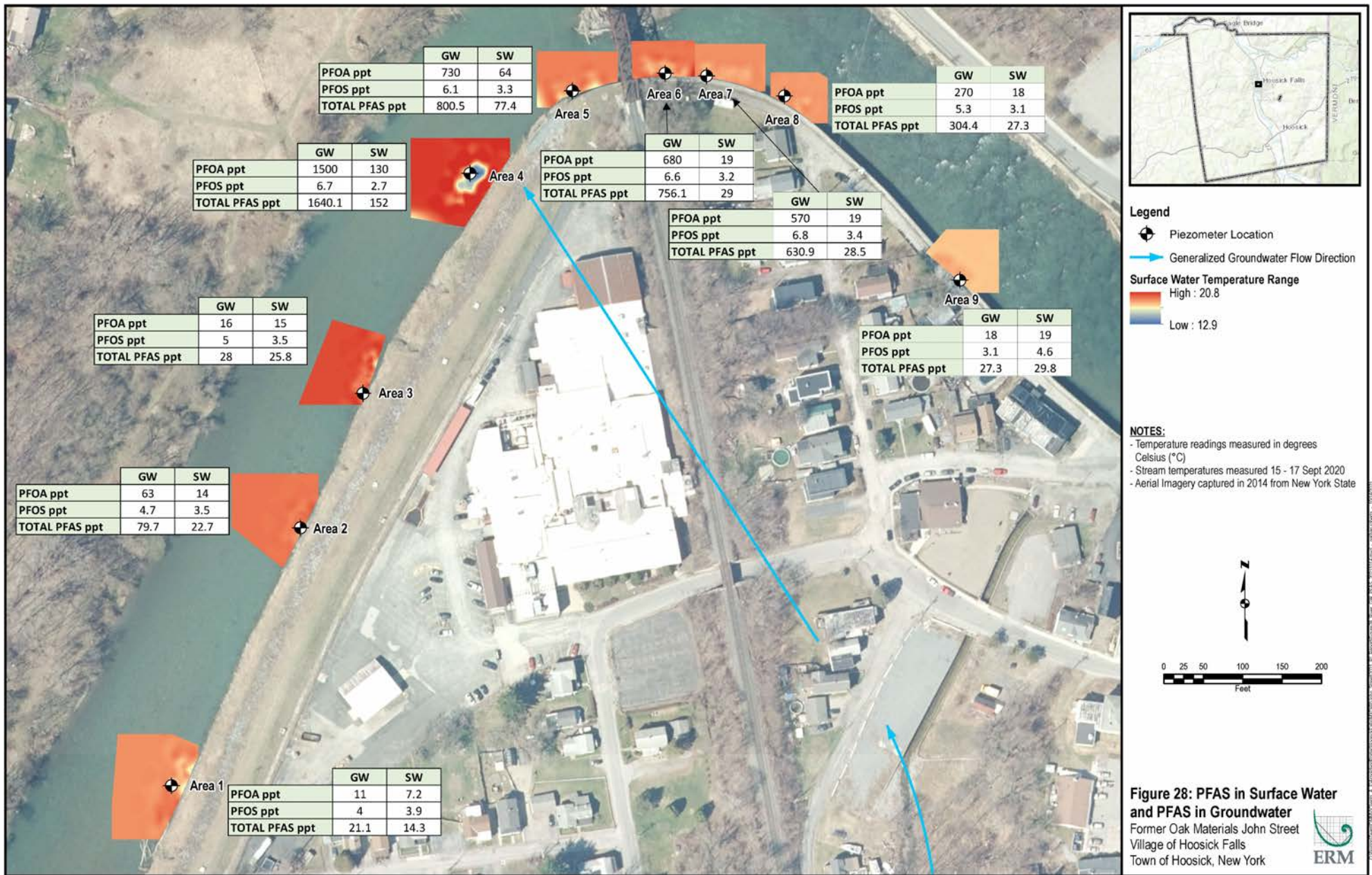
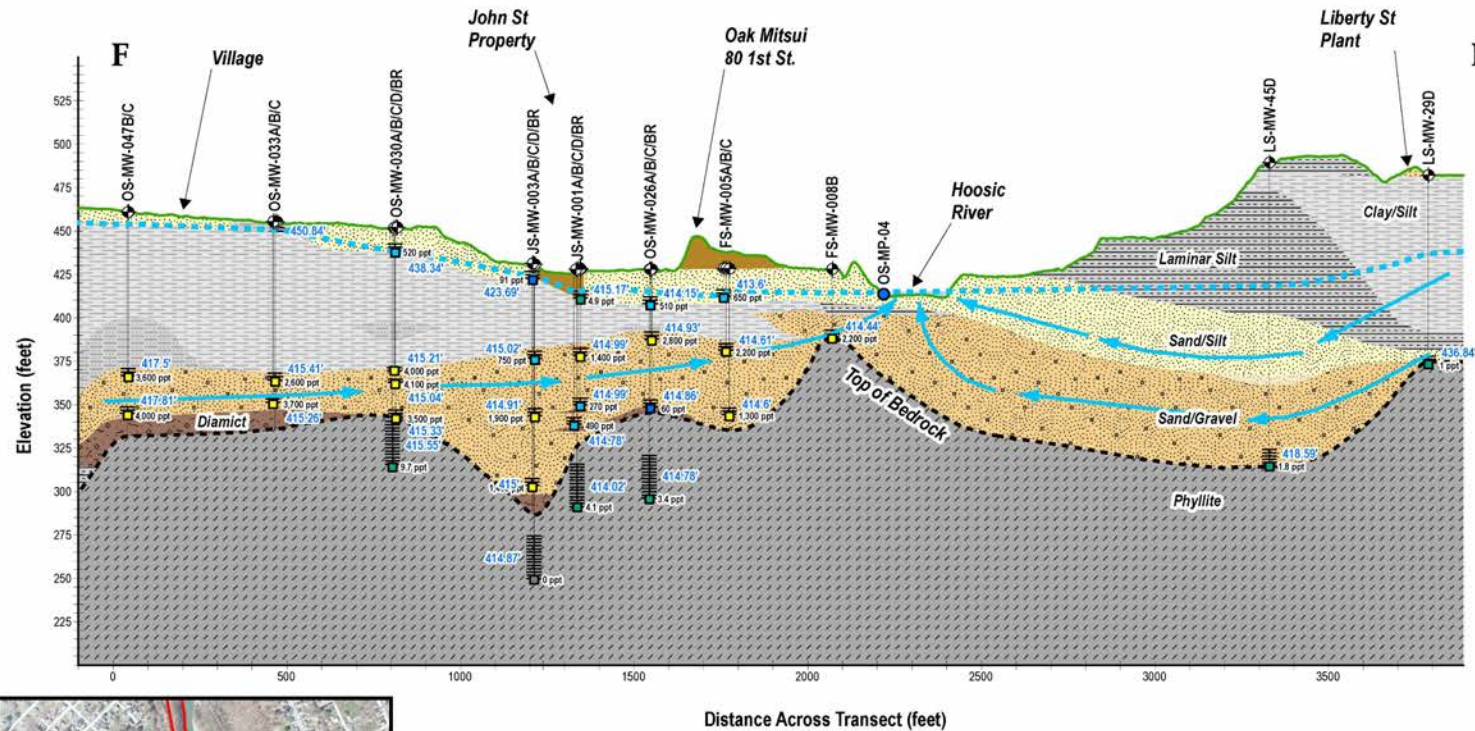


Figure 27: PFOA, pH, and TOC Concentrations in Sediment Samples
 Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York







Legend

- Monitoring Wells - Surface Water Monitoring Location - Transect Line - Ground Surface 436.84' Groundwater Elevation - Dec 2020 - Water Table Surface - Approximate Property Boundaries - Village of Hoosick Falls Boundary - Monitoring Well Screen - Borehole Lines - Groundwater Flow Direction	Predominant Geologic Material - Top Soil - Fill - Sand - Sand & Silt - Silt - Clay - Sand & Gravel - Laminar Silt & Clay - Diamict - Phyllite	PFOA in Groundwater - Non-Detect - DL - < 10 ppt 10 - < 100 ppt 100 - < 1,000 ppt > 1,000 ppt

Figure 29: PFOA in Groundwater - Geologic Cross Section F-F'
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ND = non-detect
- PFOA = perfluorooctanoic acid
- Groundwater elevations were gauged during the December 2020 groundwater gauging event.
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 5X



Legend

- Soil Vapor Location
- Approximate Property Boundary

NOTES:
 TCE - Trichloroethene
 1,1,1-TCA - 1,1,1-Trichloroethane
 µg/m3 - micrograms per cubic meter
 U - Compound not detected over detection limit
 J - Approximate value
 Aerial Imagery captured in 2014 from New York State

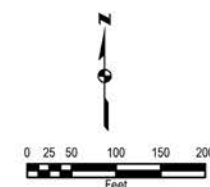
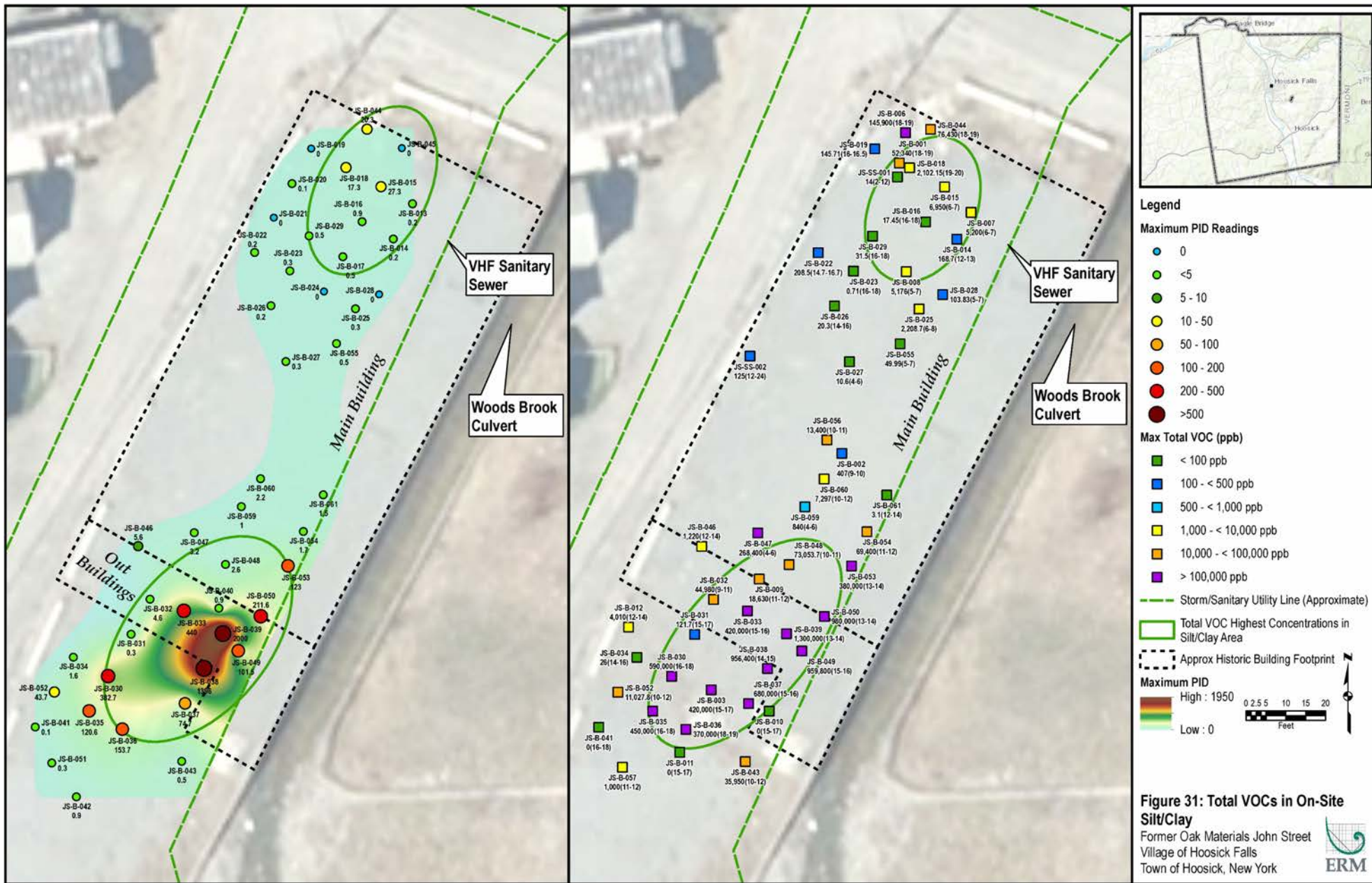
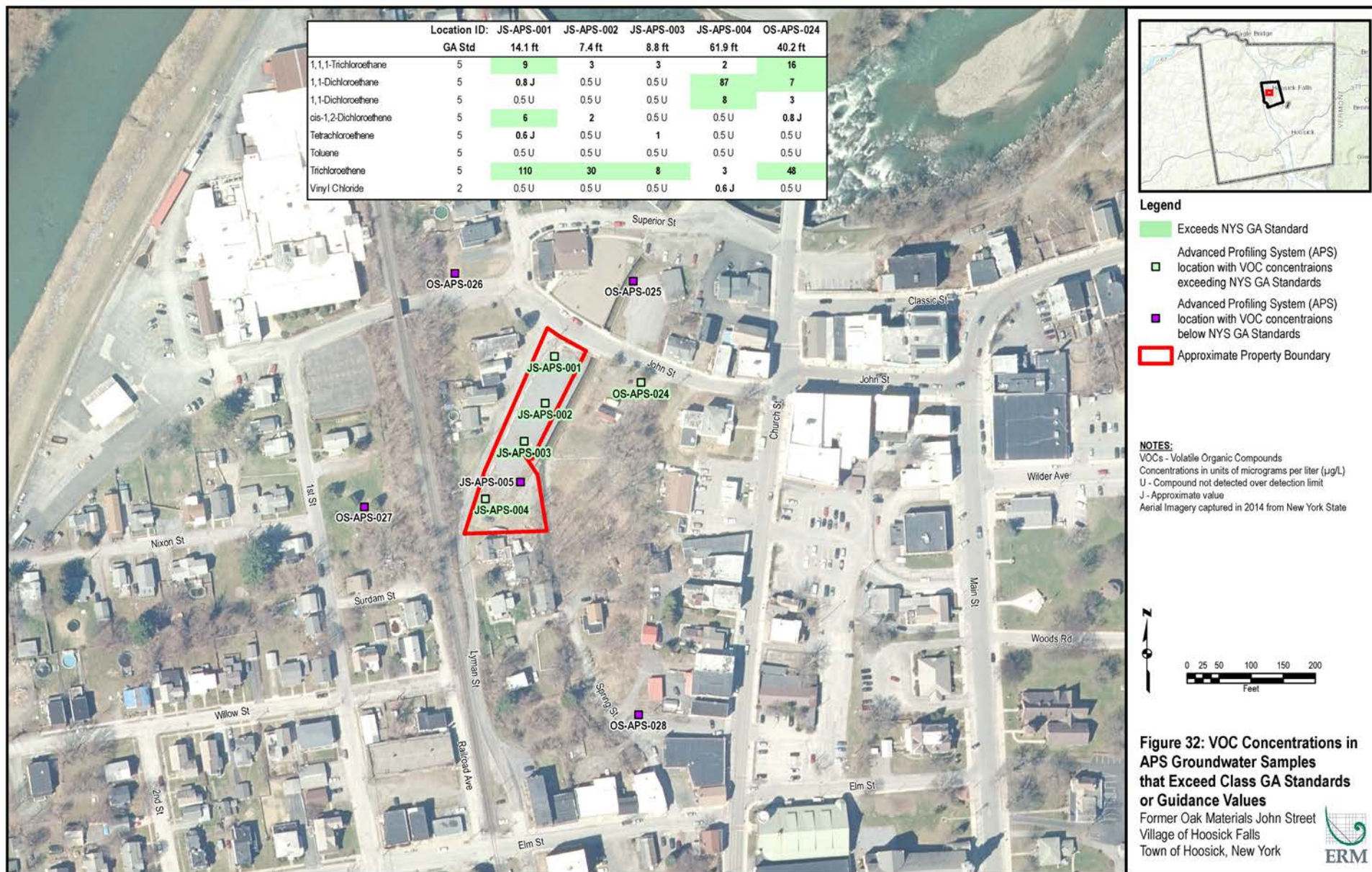


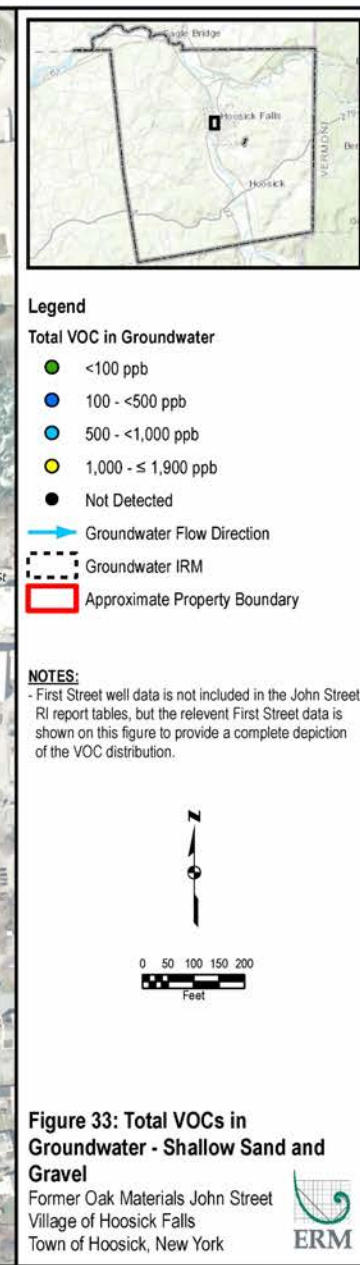
**Figure 30: VOC Concentrations
 (TCE and 1,1,1-TCA) in Soil Vapor
 Samples**

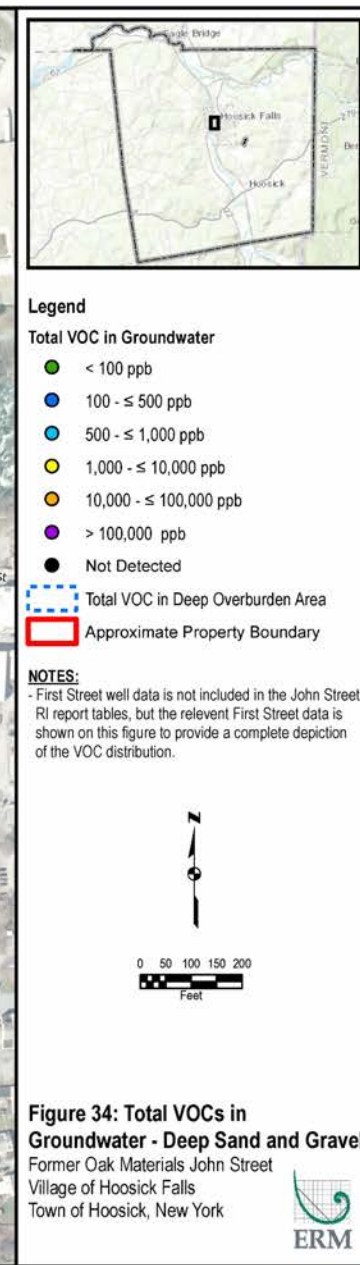
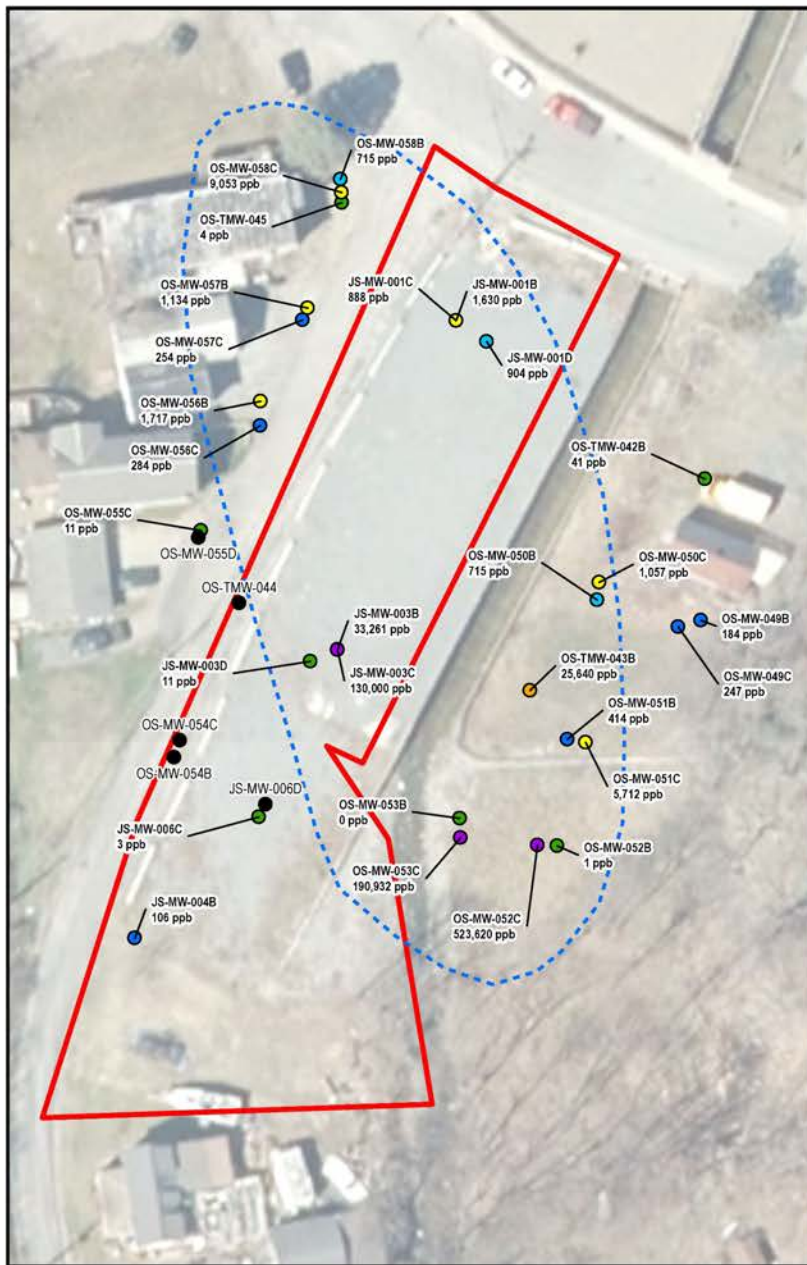
Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York













Legend

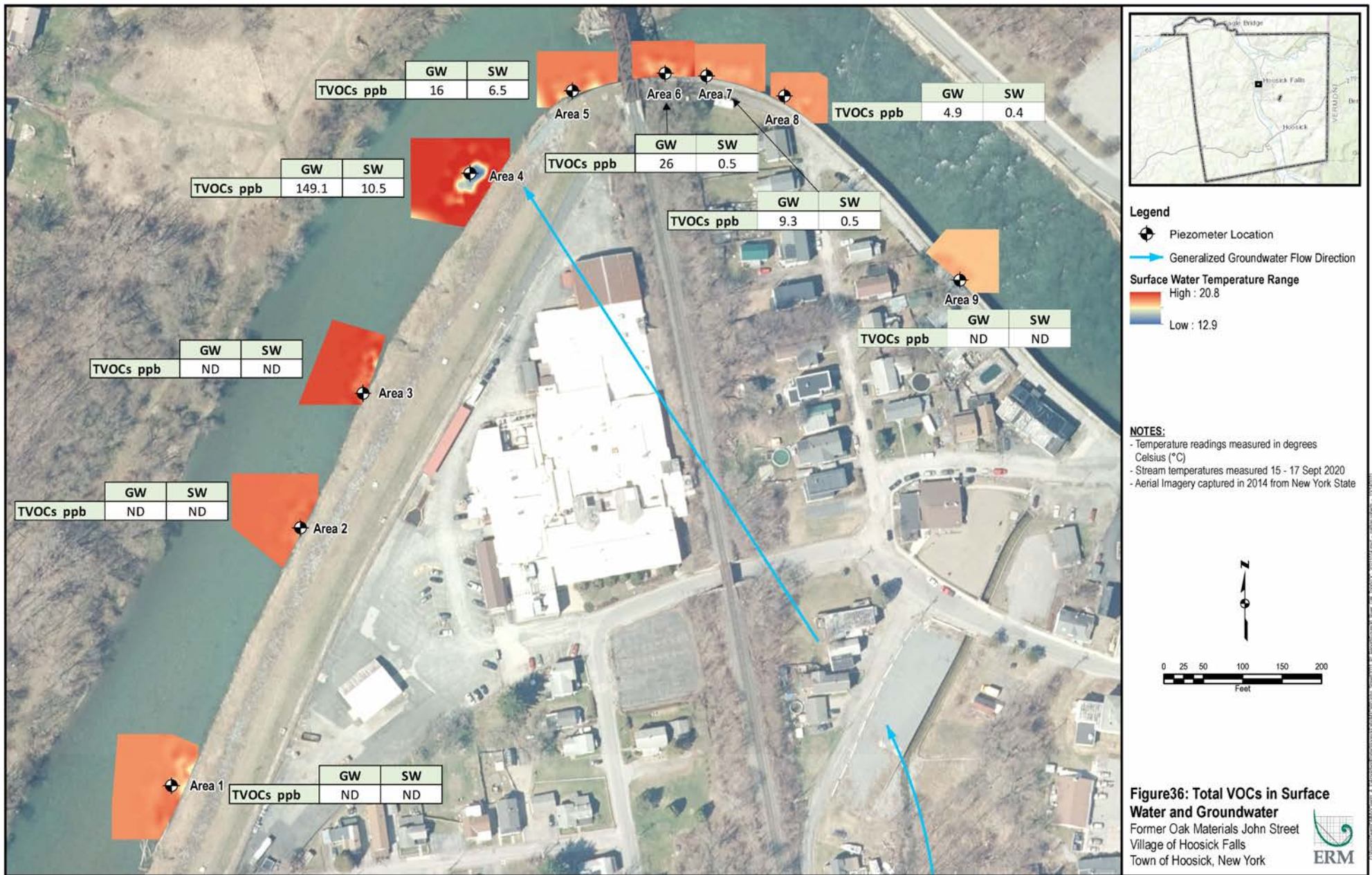
Total VOC in Groundwater

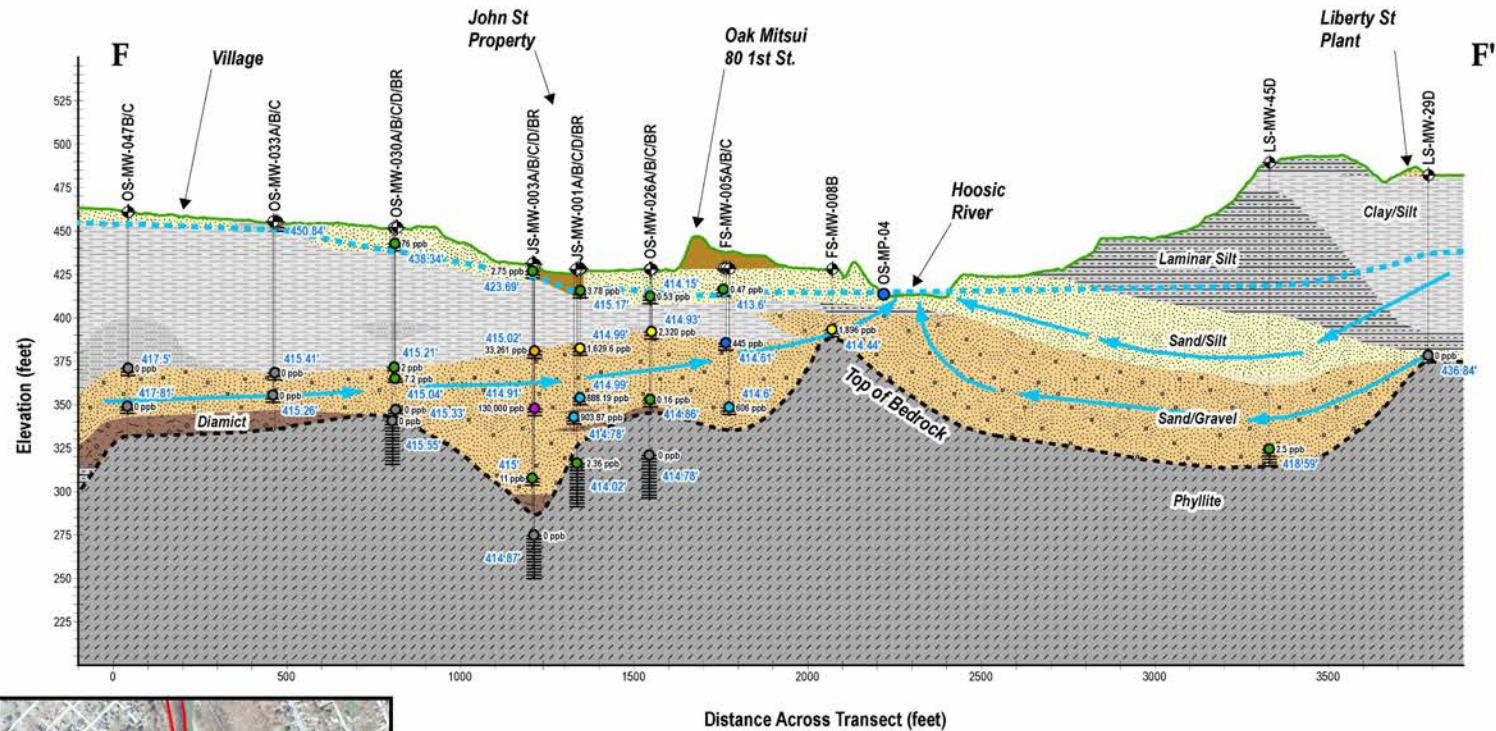
- < 100 ppb
- Not Detected
- Approximate Property Boundary



Figure 35: Total VOCs in Groundwater - Bedrock
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York







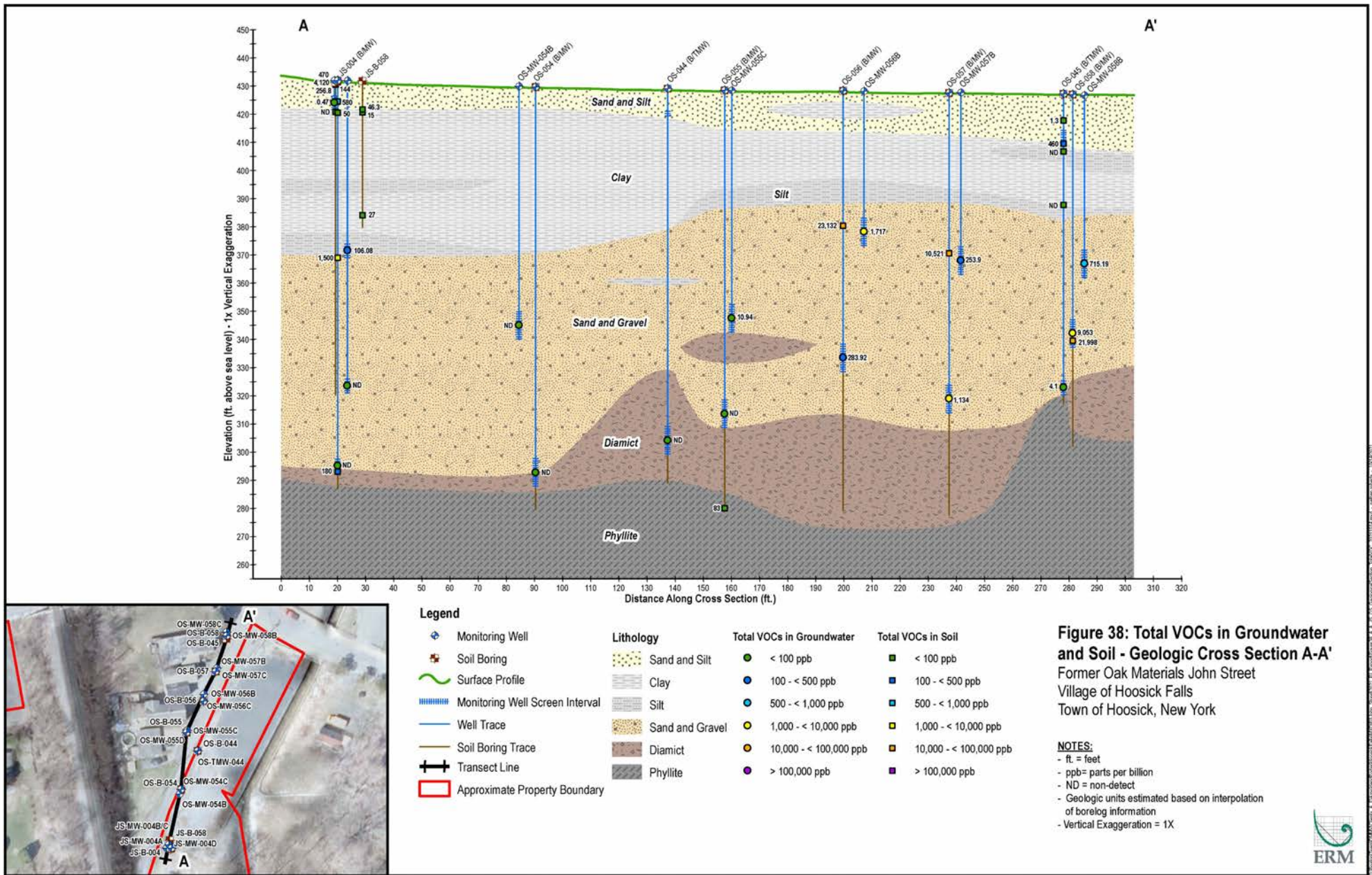
Legend

- Monitoring Wells - Surface Water Monitoring Location - Transect Line - Ground Surface 436.84' Groundwater Elevation - Dec 2020 - Water Table Surface - Approximate Property Boundaries - Village of Hoosick Falls Boundary - Monitoring Well Screen - Borehole Lines - Groundwater Flow Direction	Predominant Geologic Material - Top Soil - Fill - Sand - Sand & Silt - Silt - Clay - Sand & Gravel - Laminar Silt & Clay - Diamict - Phyllite	Total VOCs in Groundwater - Non-detect - DL - < 100 ppb 100 - < 500 ppb 500 - < 1,000 ppb 1,000 - < 10,000 ppb 10,000 - < 100,000 ppb > 100,000 ppb

**Figure 37: Total VOC in Groundwater
- Geologic Cross Section F-F'**
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ND = non-detect
- Groundwater elevations were gauged during the December 2020 groundwater gauging event.
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 5X



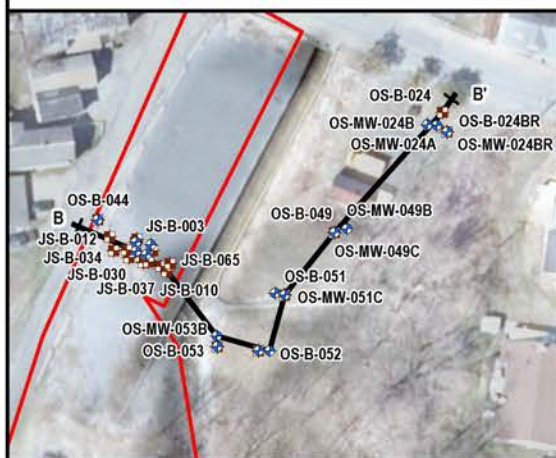
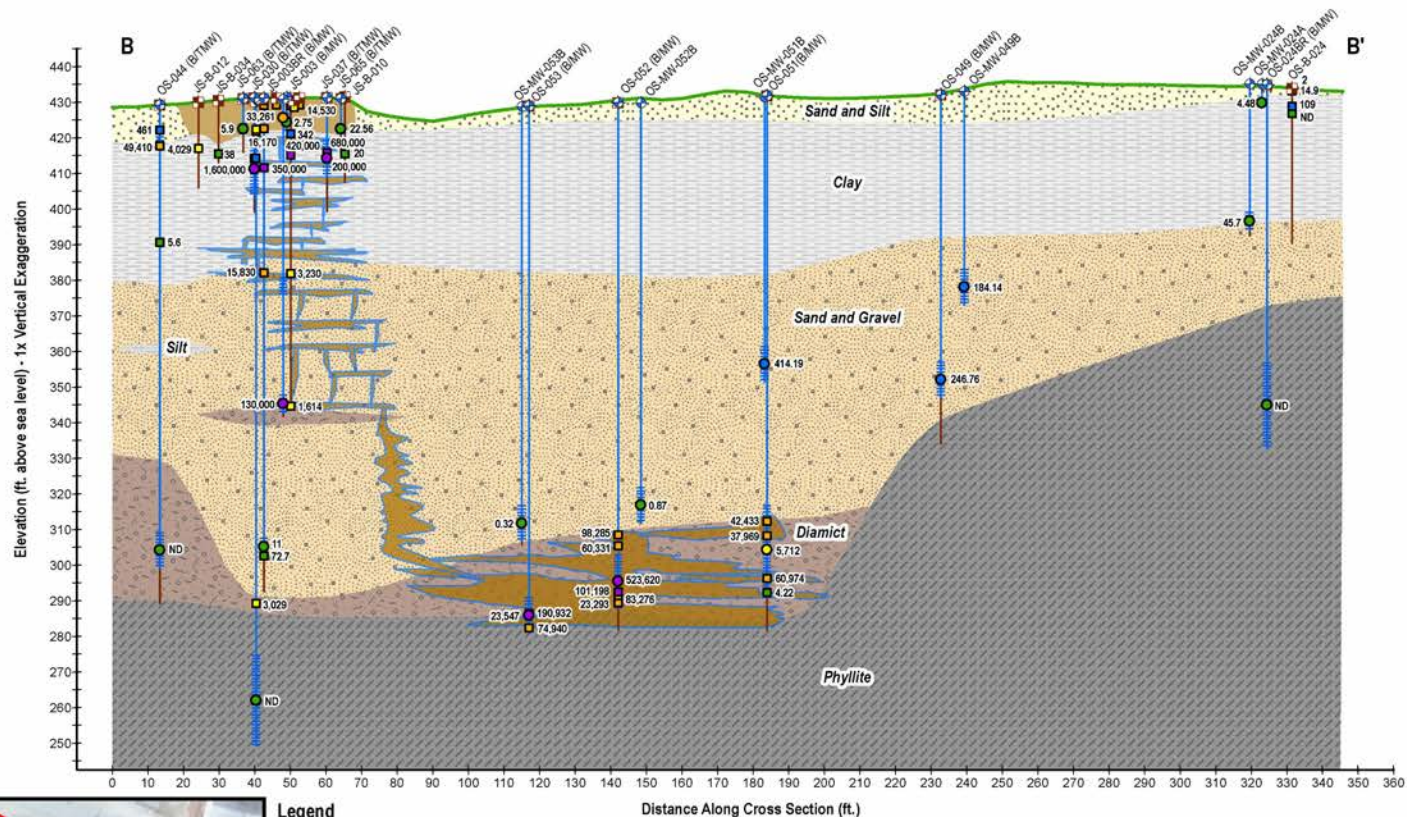
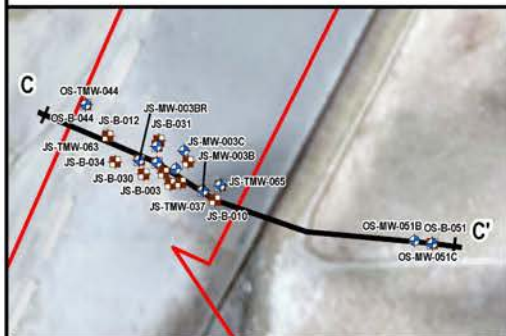
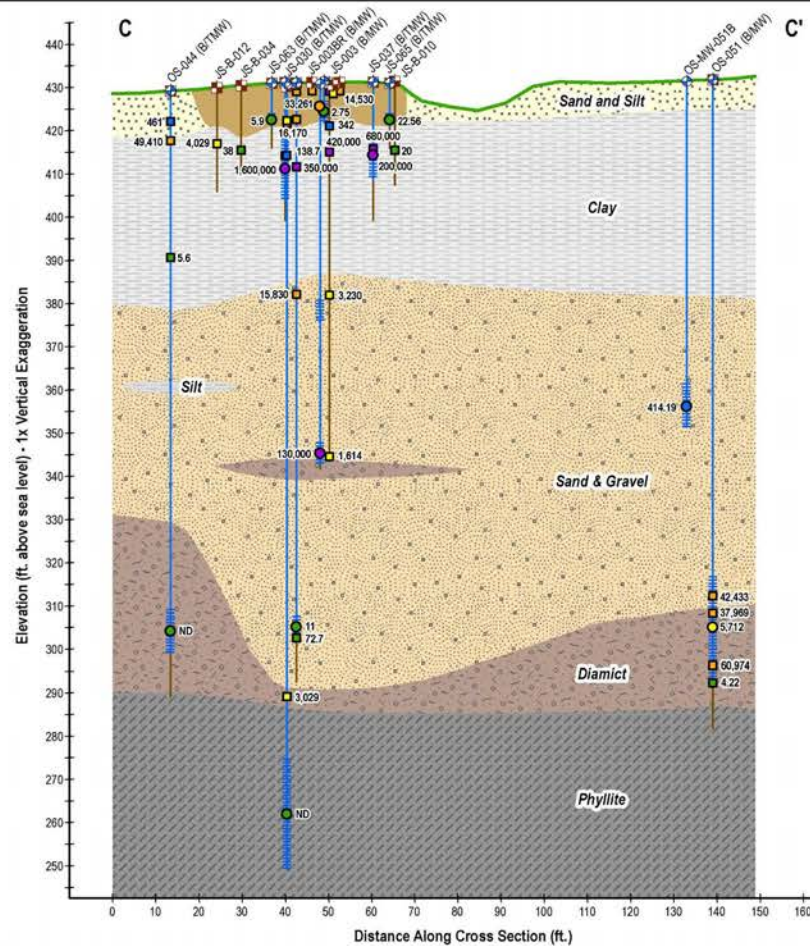


Figure 39: Total VOCs in Groundwater and Soil - Geologic and Conceptual VOC Plume Cross Section B-B'
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ft. = feet
- ppb = parts per billion
- ND = non-detect
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 1X



Legend

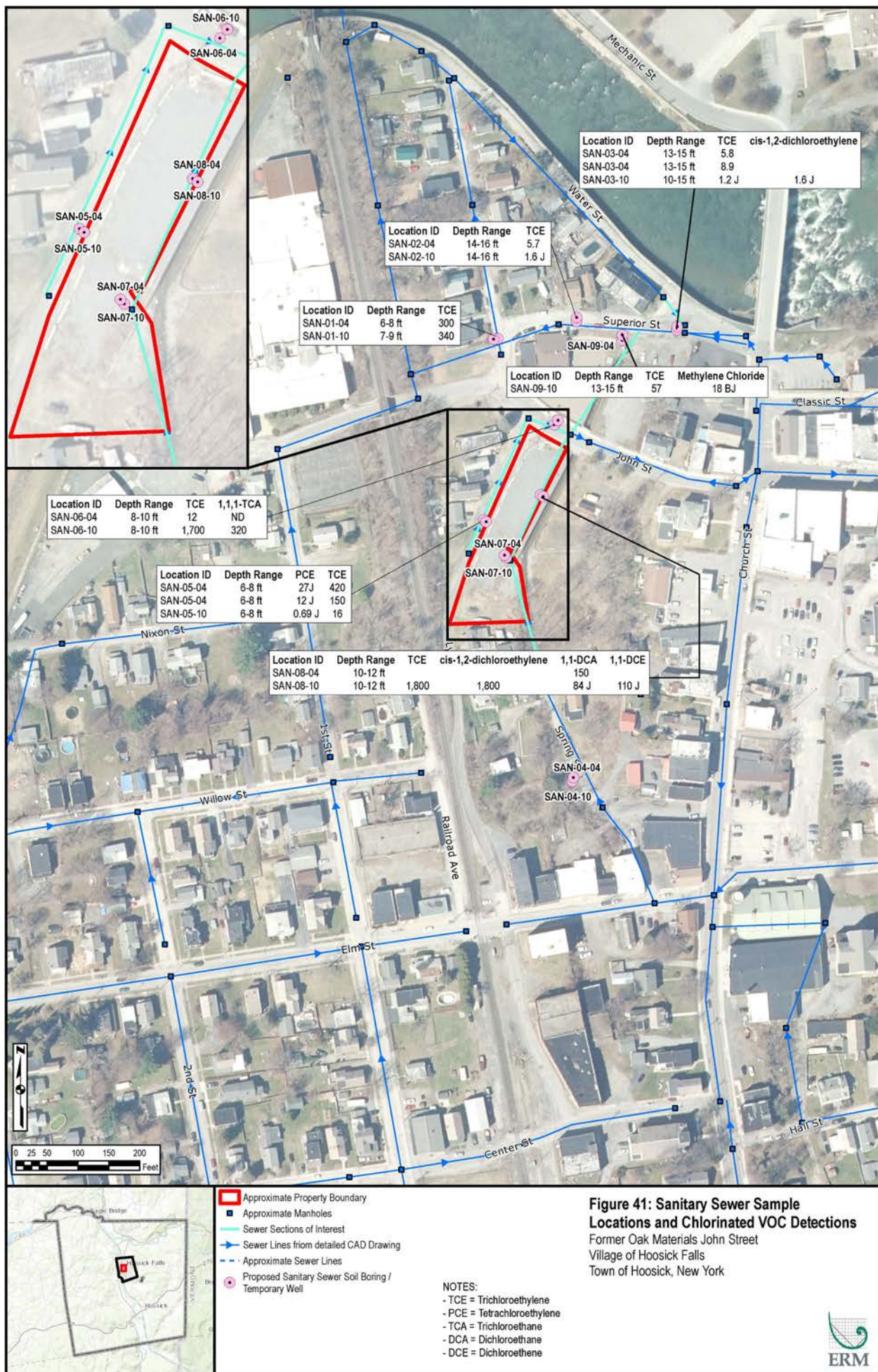
Monitoring Well	Lithology	Total VOCs in Groundwater	Total VOCs in Soil
Soil Boring	Fill	< 100 ppb	< 100 ppb
Surface Profile	Sand and Silt	100 - < 500 ppb	100 - < 500 ppb
Monitoring Well Screened Interval	Clay	500 - < 1,000 ppb	500 - < 1,000 ppb
Well Trace	Silt	1,000 - < 10,000 ppb	1,000 - < 10,000 ppb
Soil Boring Trace	Sand and Gravel	10,000 - < 100,000 ppb	10,000 - < 100,000 ppb
Transect Line	Diamict	> 100,000 ppb	> 100,000 ppb
Approximate Property Boundary	Phyllite		

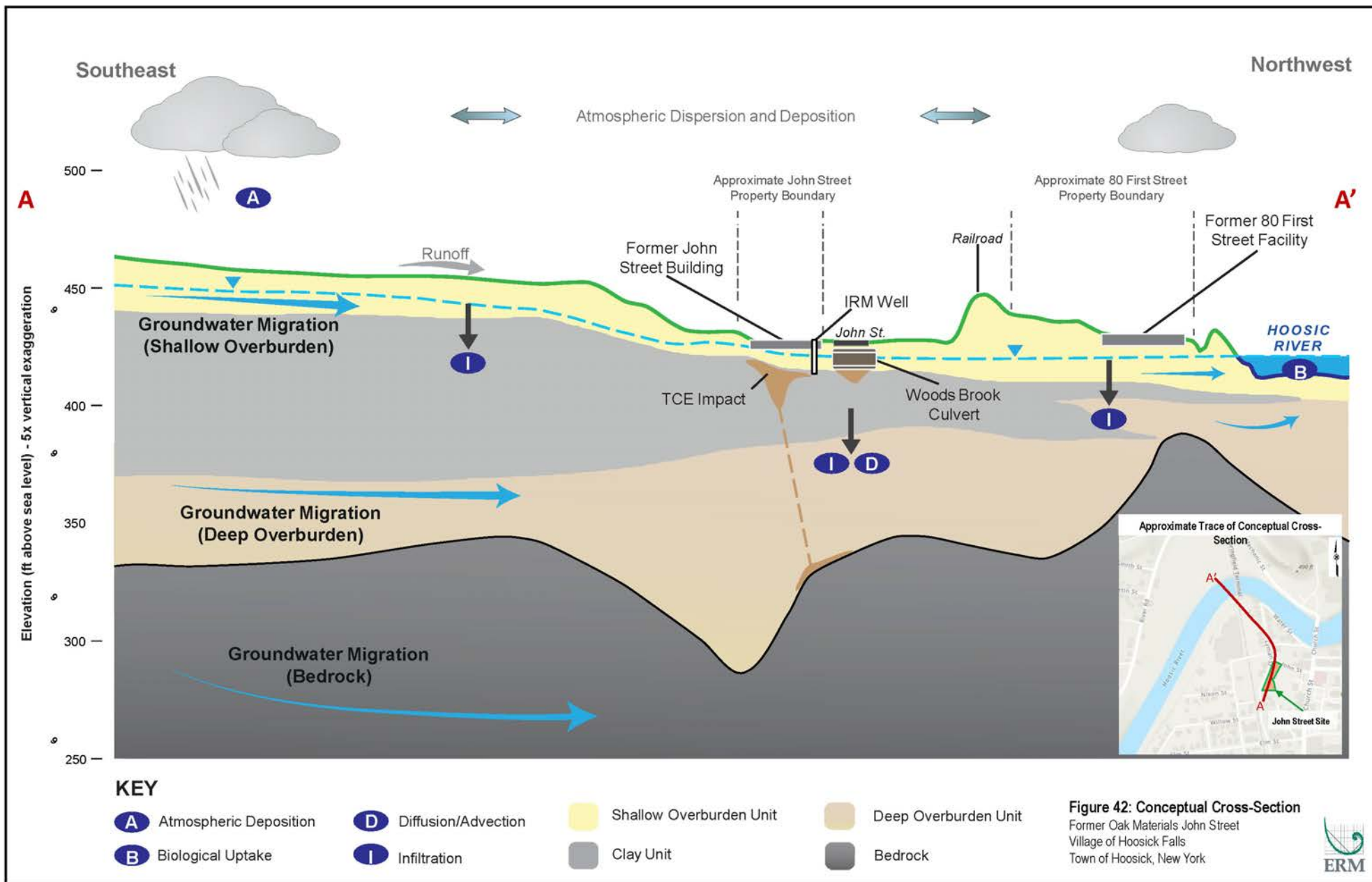
Figure 40: Total VOCs in Groundwater and Soil - Geologic Cross Section C-C'

Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

NOTES:

- ft. = feet
- ppb = parts per billion
- ND = non-detect
- Geologic units estimated based on interpolation of borelog information
- Vertical Exaggeration = 1X





Generalized Concept of Potential Historical VOC Releases During Facility Operation

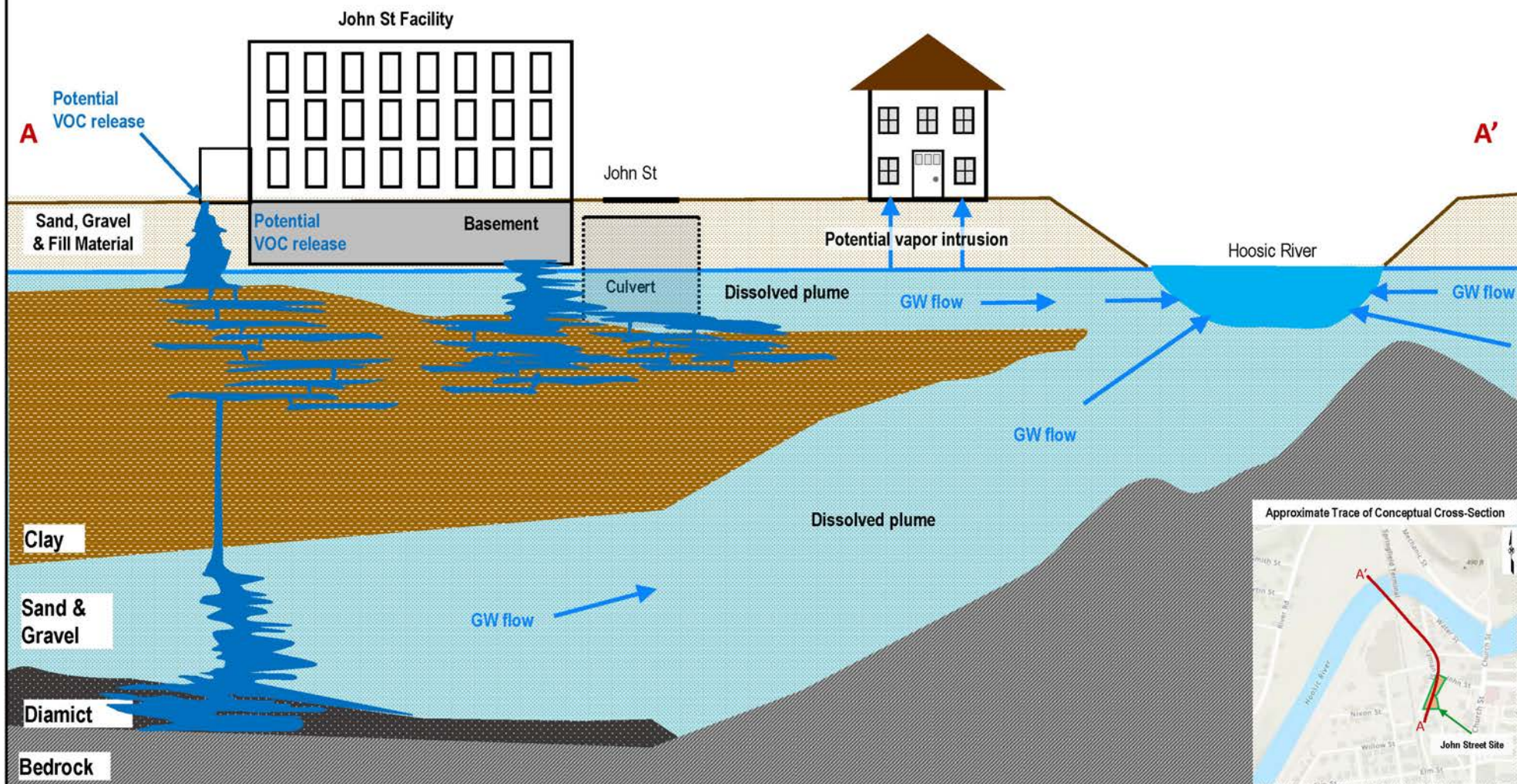


Figure 43: Generalized Concept of Potential Historical VOC Releases During Facility Operation
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York



Generalized Concept of Secondary (Residual) VOC Sources

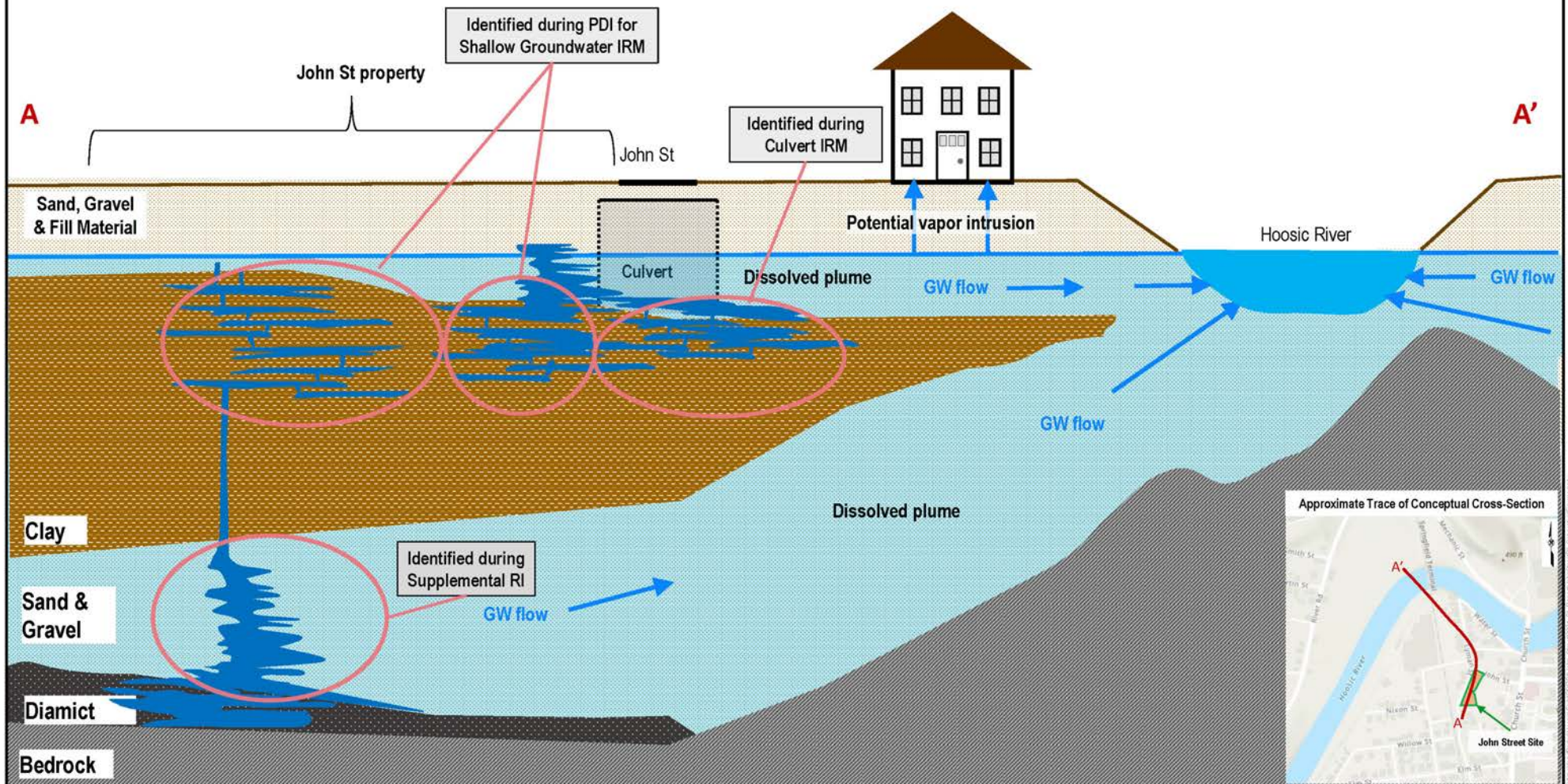


Figure 44: Generalized Concept of Secondary (Residual) VOC Sources
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York



Secondary VOC Source Areas

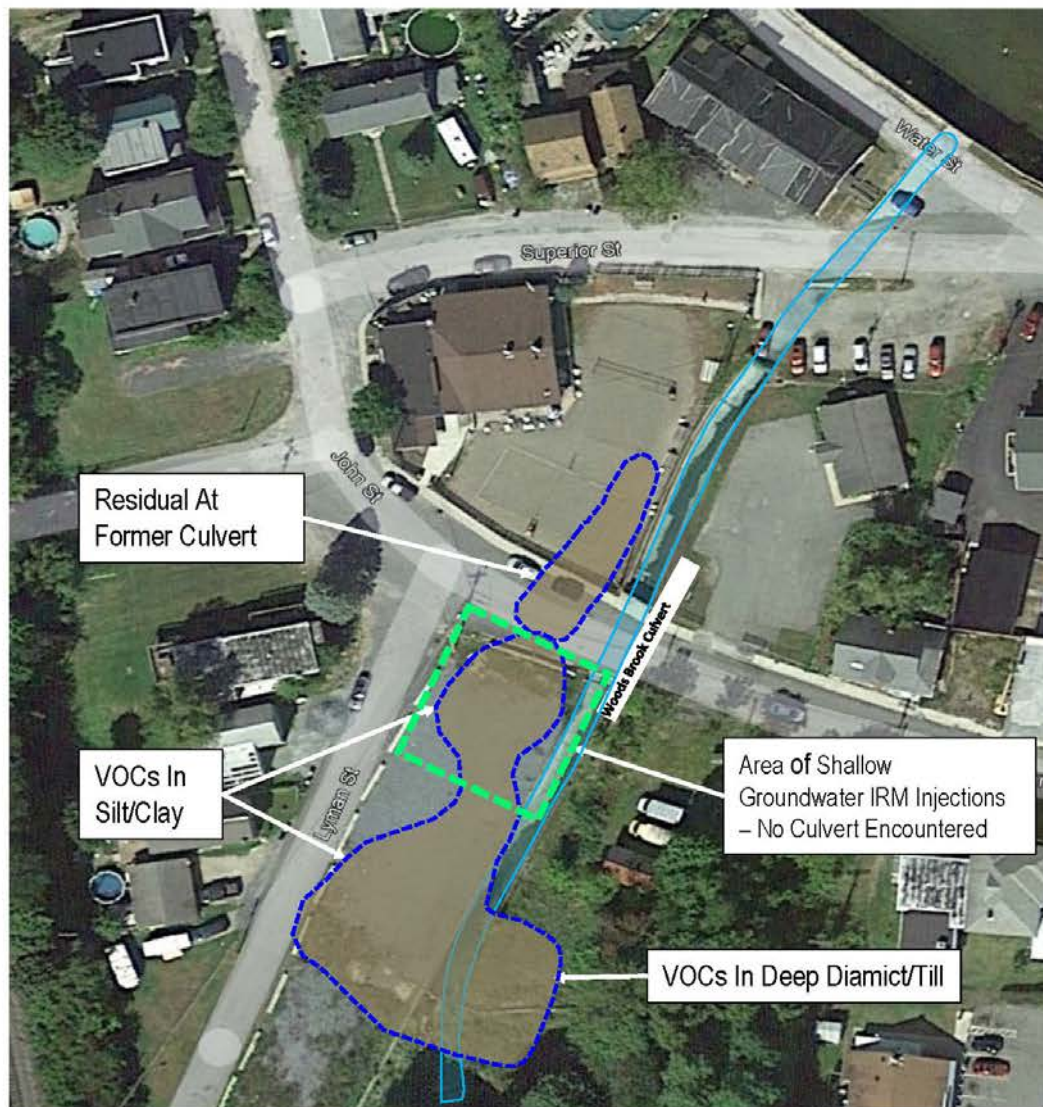


Figure 45: Secondary VOC Source Areas
Former Oak Materials John Street
Village of Hoosick Falls
Town of Hoosick, New York

Generalized Concept of Potential Historical PFAS Releases During Facility Operation

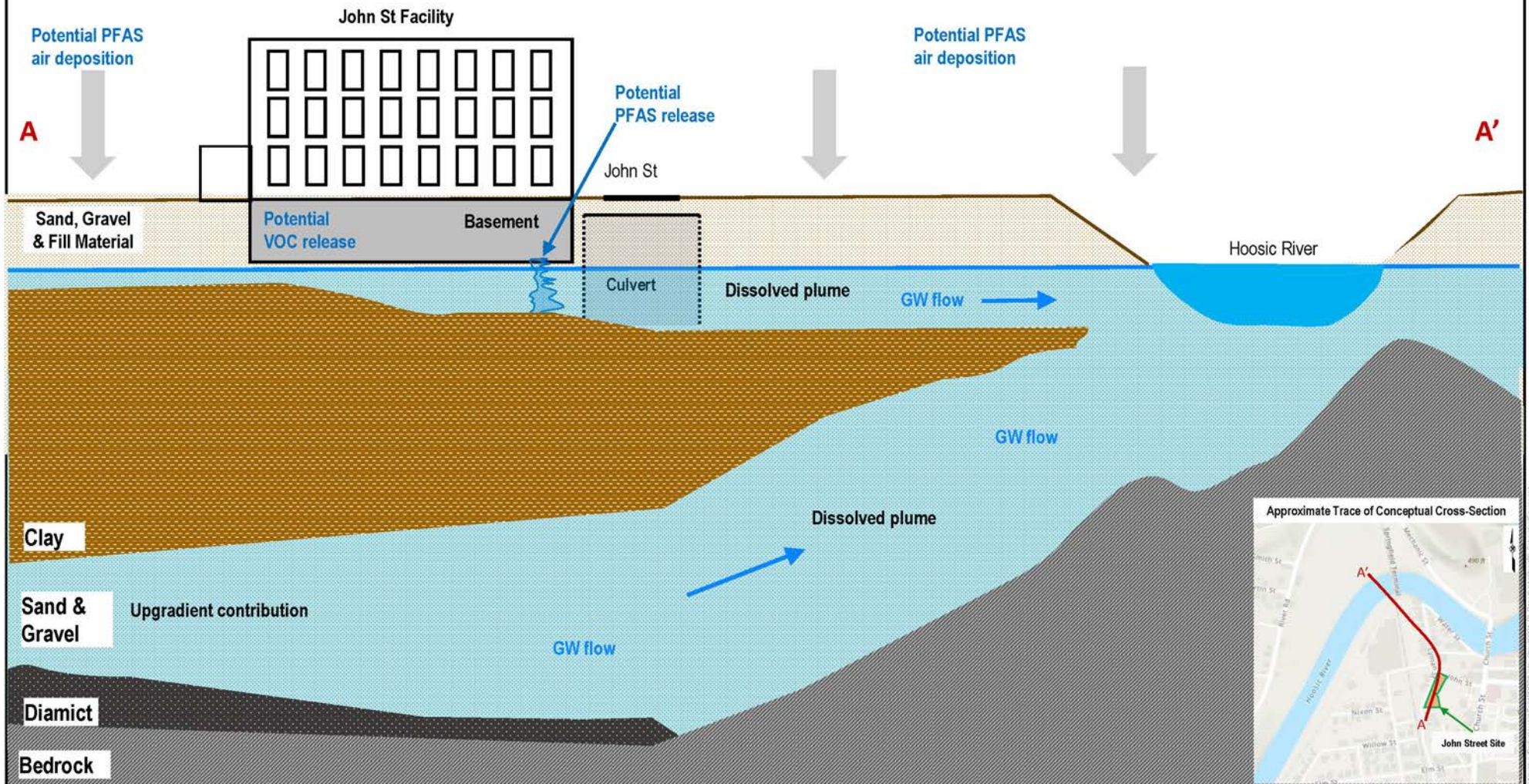


Figure 46: Generalized Concept of Potential Historical PFAS Releases During Facility Operation
 Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York



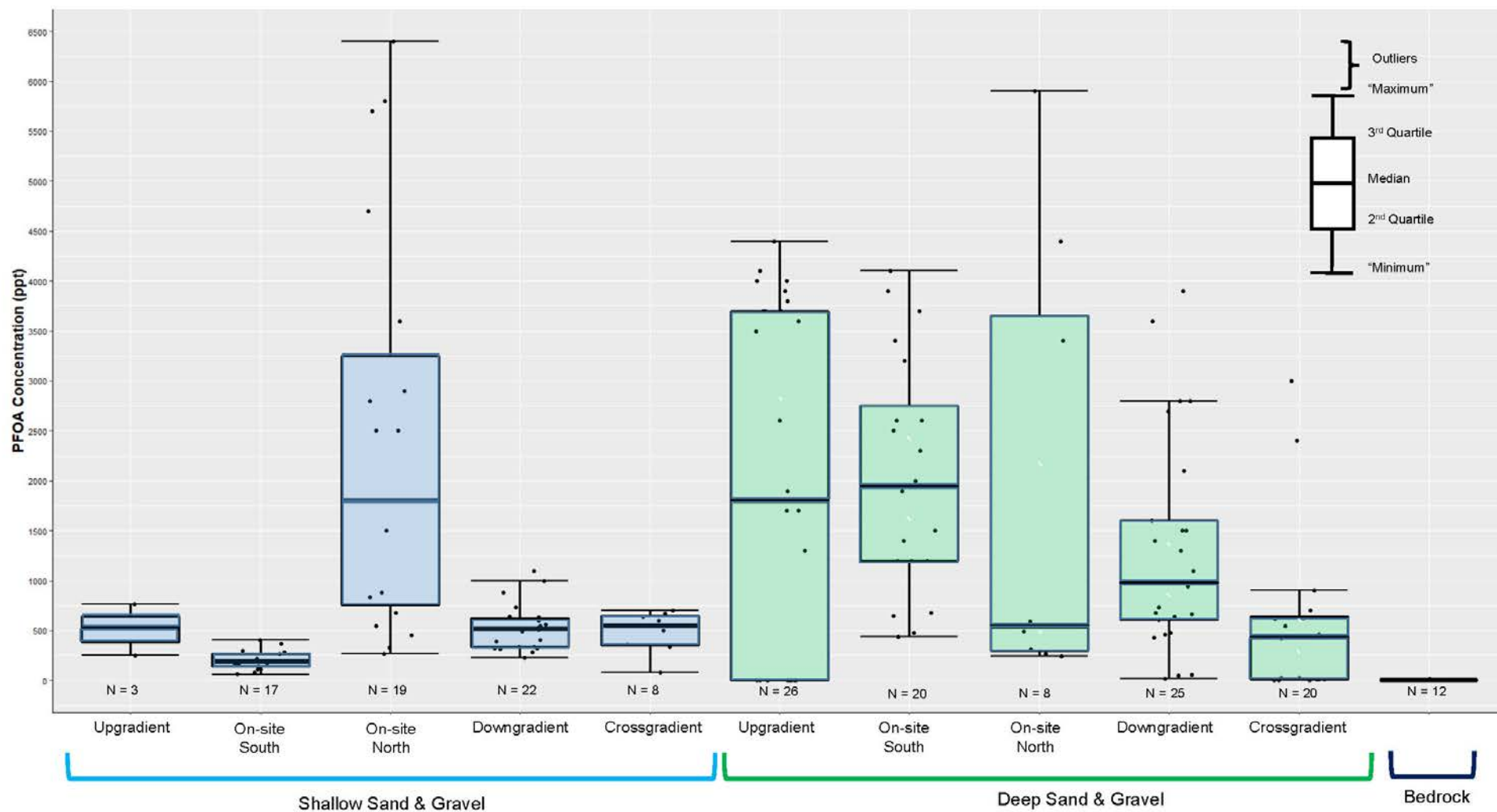


Figure 47: Distribution of PFOA in Shallow and Deep Groundwater
 Former Oak Materials John Street
 Village of Hoosick Falls
 Town of Hoosick, New York