PRE-DESIGN INVESTIGATION
FIELD ACTIVITIES REPORT
OPERABLE UNIT OU01

SARANAC LAKE GAS COMPANY, INC.
NYSDEC SITE NO. 516008

Prepared for:

New York State Department of Environmental Conservation
Albany, New York

Prepared by:

MACTEC Engineering and Geology, P.C.
Portland, Maine

MACTEC: 3611191237

APRIL 2020

PRE-DESIGN INVESTIGATION
FIELD ACTIVITIES REPORT
OPERABLE UNIT OU01

SARANAC LAKE GAS COMPANY, INC.
NYSDEC SITE NO. 516008

Prepared for:

New York State Department of Environmental Conservation
Albany, New York

Prepared by:

MACTEC Engineering and Geology, P.C.
Portland, Maine

MACTEC: 3611191237

APRIL 2020

Submitted by:

Nathan Vogan, P.G.
Project Geologist

Approved by:

Jamie Welch
Project Manager

TABLE OF CONTENTS

LIST OF TABLES iv
LIST OF FIGURES v
GLOSSARY OF ACRONYMS AND ABBREVIATIONS vi
1.0 INTRODUCTION 1-1
2.0 PRE-DESIGN INVESTIGATION FIELD ACTIVTIES 2-1
2.1 GENERAL FIELD OPERATIONS 2-2
2.2 SOIL SAMPLING 2-3
2.2.1 Hand Borings 2-3
2.2.2 Test Pits 2-3
2.2.3 Direct Push Borings 2-4
2.3 TEMPORARY WELL INSTALLATION 2-4
2.4 ISS BENCH SCALE STUDY AND GEOTECHNICAL LAB ANALYSIS 2-5
2.5 GROUNDWATER SAMPLING 2-6
2.6 PORE WATER SAMPLING 2-6
2.7 MONITORING WELL INVENTORY AND DECOMMISSIONING 2-7
2.8 HYDRAULIC CONDUCTIVITY TESTING 2-7
2.9 SITE MATERIAL SURVEY AND EVALUATION 2-8
2.9.1 Hazardous Material Survey 2-8
2.9.2 Debris Pile Evaluation 2-8
2.9.3 Site Structure Evaluation 2-8
2.10 CHEMICAL LABORATORY ANALYSIS 2-9
2.10.1 Soil Sampling 2-9
2.10.2 Water Sampling 2-10
3.0 PRE-DESIGN INVESTIGATION RESULTS 3-1
3.1 FIELD OBSERVATIONS AND MEASUREMENTS 3-1
3.1.1 OU01 MGP Impacts 3-1
3.1.2 Railroad Boring MGP Impacts 3-2
3.2 SOIL ANALYTICAL RESULTS 3-2
3.3 WATER ANALYTICAL TESTING RESULTS 3-3
4.0 EXTENT OF OBSERVED WASTE IMPACTS 4-1
5.0 REFERENCES 5-1

TABLES

FIGURES

APPENDICES:

APPENDIX A	COMMUNITY AIR MONITORING PROGRAM DATA
APPENDIX B	FIELD DATA RECORDS
APPENDIX C	PHOTOGRAPHIC LOG
APPENDIX D	FIELD DATA RECORDS
APPENDIX E	HAZARDOUS MATERIAL SURVEY REPORT
APPENDIX F	DATA USABILITY SUMMARY REPORT
APPENDIX G	THREE DIMENSIONAL OU01 MGP IMPACTS VISUALIZATION

LIST OF TABLES

Table

2.1 Summary of Pre-Design Investigation Rationale for Saranac Lake OU01
2.2 Sample Identification and Analyses
2.3 Monitoring Well and Piezometer Construction Details
2.4 Groundwater Elevation Measurements
2.5 Summary of Hydraulic Conductivity (K) Test Results

3.1 Pre-Design Investigation Report General Table Notes
3.2 OU-01 Pre-Design Investigation Summary of Findings
3.3 Railroad Borings Summary of Findings
3.4 Concentrations of BTEXs and PAHs in Soils
3.5 OU02 Railroad Boring Soil Sample Detections
3.6 Total Cyanide in Soils
3.7 ISS Soil Samples and Soil Waste Disposal Pre-Characterization Results
3.8 Summary of BTEX and PAHs Detected in Groundwater
3.9 Emerging Contaminant Concentrations in Groundwater
3.10 Naphthalene Concentrations in Pore Water
3.11 Groundwater Pretreatment and Hydrant Sampling Results

LIST OF FIGURES

Figure

1.1 Site Location Map
1.2 Site Features
2.1 2019 Pre-Design Investigation Locations
2.2 OU02 Railroad Borings
2.3 OU01 Monitoring Well Locations
2.4 Pore Water Sample Locations
2.5 OU02 Well Inventory Locations
2.6 OU03 Decommissioned Piezometers
2.7 Interpreted Overburden Groundwater Flow

3.1 Estimated Extent of MGP Impacted Material
3.2 OU01 – BTEX Detected in Soil and Groundwater Compared to Criteria
3.3 OU01 – PAHs Detected in Soil and Groundwater Compared to Criteria
3.4 OU01 – Total Cyanide Detected in Soil and Groundwater Compared to Criteria

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

ACOE	Army Corps of Engineers
bgs	below ground surface
BTEX	Benzene, toluene, ethylbenzene, and xylene
CAMP	Community Air Monitoring Program
COC	constituents of concern
DNAPL	dense nonaqueous-phase liquid
FAR	Field Activities Report
FAP	Field Activities Plan
FDR	field data records
ft	foot/feet
GA/GV	GA Standards and Guidance Values
ISS	*in situ* solidification
LNAPL	light nonaqueous-phase liquid
MACTEC	MACTEC Engineering and Geology, P.C.
MGP	manufactured gas plant
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
OU	operable units

GLOSSARY OF ACRONYMS AND ABBREVIATIONS (CONTINUED)

PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyls
PDI	pre-design investigation
%	percent
PFAS	per- and polyfluoroalkyl substances
PID	photoionization detector
PVC	polyvinyl chloride
RA	remedial action
RD	remedial design
RI	remedial investigation
SCO	soil cleanup objectives
SIM	selective ion monitoring
Site	Saranac Lake Gas Company
SVOC	semi-volatile organic compound
TCL	Target compound list
TCLP	Toxicity Characteristics Leaching Procedure
USEPA	Unites States Environmental Protection Agency
VOC	volatile organic compound
yd^3	cubic yard

1.0 INTRODUCTION

MACTEC Engineering and Geology, P.C. (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC), is submitting this Pre-Design Investigation (PDI) Field Activities Report (FAR) for the Saranac Lake Gas Company, Inc. Site – NYSDEC Site 516008 (Site) in the Village of Saranac Lake, in Essex County, New York (Figure 1.1). The Site is listed as a Class 2 Inactive hazardous waste site in the Registry of Hazardous Waste Sites in New York State (NYS). This report has been prepared in accordance with the with the July 2011 Superfund Standby Contract between MACTEC and the NYSDEC.

The Site, a former manufactured gas plant (MGP) facility, is located in a residential setting off Payeville Lane in the Village of Saranac Lake, Essex County. The Site has been separated into three Operable Units (OUs).

The Site facility, OU01, is approximately 4.5 acres in size and is located east of and adjacent to the Adirondack Scenic Railroad right of way. Residential properties border OU01 to the north, east, and part of the west side, and North Country Community College soccer fields and facilities border OU01 to the south. An access road extends from Payeville Lane west to OU01. The Site and surrounding area is serviced by public water; groundwater is not believed to be used as a source of drinking water. Currently, OU01 is a vacant lot with an open, unoccupied one story brick building.

Brandy Brook (OU02) flows westward through the northern portion of OU01 and continues in a northerly direction for approximately 1,000 feet, then turns to the west and flows for 700 feet, where it discharges to Pontiac Bay in Lake Flower.

OU03 includes Pontiac Bay within Lake Flower and adjacent upland areas. Pontiac Bay (approximately 4 acres) is located along the northeast portion of Lake Flower adjacent to the intersection of Lake Flower Avenue, Brandy Brook Road, and River Street. Lake Flower is a Class A designated water body.

This FAR describes PDI field work conducted in support of RD for OU01 as well as areas of residual materials present beneath the railroad tracks adjacent to OU02. The field programs were completed following the procedures described herein and in general accordance with the PDI FAP (MACTEC,

2019a), Quality Assurance Program Plan (MACTEC, 2011a) and Program Health and Safety Plan (MACTEC, 2011b). This report is organized as follows:

- Section 2.0 describes the field activities conducted at the Site as part of the PDI.
- Section 3.0 presents the results of the PDI activities.
- Section 4.0 refines the current understanding of the extent of Site-related MGP waste-impacts.
- Section 5.0 includes the references discussed in this report.

2.0 PRE-DESIGN INVESTIGATION FIELD ACTIVTIES

Based on the WA Issuance, discussions with the NYSDEC, and the Record of Decision for OU01 (NYSDEC, 2017), the objective of the OU01 PDI was to collect data to supplement the information gathered during the Remedial Investigation (RI) (MACTEC, 2015) to support the RD for OU01.

The technical objectives of the investigation to support RD were to conduct:

- Hazardous building materials survey of an existing site building;
- Vertical and horizontal delineation of coal tar and purifier waste at OU01;
- Groundwater studies to better understand existing hydrology, dewatering requirements and potential impacts to groundwater flow from in situ solidification (ISS) implementation at the Site;
- Collection of soil and water samples for the ISS bench scale study;
- Pore water sampling to evaluate potential impacts to surface water south of the site from groundwater discharge;
- Evaluation of debris piles located in the wooded area south of the Site fence; and
- Evaluation of remaining Site structures for material quantification.

Other activities conducted, not related to the PDI for OU01 included:

- Evaluation of the presence of site related contamination beneath 1,200 feet of railroad tracks adjacent to OU01 and OU02 in advance of potential removal of the tracks.
- Conducting an inventory of monitoring wells and piezometers at OU02 for future monitoring or decommissioning.
- Decommissioning of piezometers at OU03 that are not required for long-term monitoring.
- Tree clearing in the southern portion of the site was included in the PDI FAP. However, clearing can only be conducted between November 1 and March 31, in accordance with the special conditions in Army Corps of Engineers'(ACOE) permit NAN-2017-00440-UDE (ACOE, 2018), and therefore was not conducted during the 2019 field activities. Tree clearing is currently scheduled for early 2020.

Investigation rationale and activities are summarized in Table 2.1. Samples collected for chemical and geotechnical analyses are summarized in Table 2.2.

The remainder of Section 2.0 describes the field activities conducted during the PDI.

2.1 GENERAL FIELD OPERATIONS

Field activities were conducted in level D personal protective equipment and in accordance with the MACTEC FAP (MACTEC, 2019a).

Subcontractors chosen to support the field activities included:

- Direct push soil borings and piezometer installations at OU01 were completed by Aztech Technologies, Inc. of Ballston Spa, NY.
- Direct push borings along the railroad tracks and well decommissioning activities were completed by NYEG Drilling, LLC. of Cicero, NY.
- Test pitting was completed by Parratt-Wolff, Inc. of Syracuse, NY.
- Soil, water, and building material chemical analyses were provided by Eurofins TestAmerica, Buffalo of Amherst, NY.
- Asbestos analysis of building materials was performed by Lozier Environmental Consulting, Inc. of Rochester, NY.
- Soil geotechnical analyses and the ISS bench scale study were completed by RSA Geolab, LLC. of Union, NJ.

A handheld global positioning system unit was used to document sample locations. Horizontal locations were tied to the NYS Plane Coordinate System using North American Datum of 1983 and measured to an accuracy of 0.1 foot. Vertical elevations of newly installed temporary wells were tied to mean sea level, using National Geodetic Vertical Datum of 1988, and measured to an accuracy of 1 foot using the existing site topographic map.

Investigation-derived wastes water (temporary well purge water and decontamination fluids) were treated at the Site using a granular activated carbon unit and discharged to grade. Soils from direct push and test pitting activities were placed back in the excavation/boring to the extent practicable with remaining soils spread at the surface at the investigation location. Care was taken to place soils back in the excavation in the order they came out (e.g. deepest soils first). The decontamination pad with residual solids was containerized in United States Department of Transportation-approved 55-gallon drum.

A Community Air Monitoring Program (CAMP) was implemented in accordance with the FAP (MACTEC, 2019a) for all intrusive Site activities (e.g. direct push boring advancement and test pit excavation). Particulate monitoring was conducted upwind and downwind of the area of site

activities. Volatile organic compound (VOC) monitoring was conducted at the CAMP location that was closest to the nearest receptor (e.g. residence) regardless of wind direction. Monitoring locations were relocated as necessary with changes in weather conditions or start of work in a new area of the Site. Particulate monitoring was suspended during periods of precipitation. The CAMP data is presented as Appendix A. No exceedances for dust or VOCs were observed during PDI field activities.

Field data records are provided as Appendix B. A photographic log of investigation activities and areas of interest is provided as Appendix C.

2.2 SOIL SAMPLING

Soil sample collection methods are described in the following subsections. Each sample was screened using a photoionization detector (PID) MiniRae 3000 with a 10.6 eV lamp. Soils were classified using the Unified Soil Classification System and the NYSDEC Guidance "*Field Descriptions of Samples for Former MGP Sites*". Field observations were recorded on field data records (FDRs) included in Appendix B. Sample locations for OU01 and the railroad borings are shown on Figures 2.1 and 2.2, respectively. The extent of observed MGP-impacted material from the RI is included on Figure 2.1 as a point of reference for the selection of the PDI sampling locations.

2.2.1 Hand Borings

Three hand borings were collected using hand tools at selected locations along the Site perimeter. Samples were collected 1 foot below ground surface (bgs) to further evaluate the nature and extent of near surface soil contamination outside the proposed ISS area. Hand boring samples were collected at three grid locations (D10A, H3D, and J2C) which are shown on Figure 2.1.

2.2.2 Test Pits

Test pits were advanced at 25 locations with a New Holland Construction E60C mini excavator. The test pits were used to further delineate the horizontal and vertical extent of MGP waste impacts and to collect representative bulk samples for the ISS bench scale study. Test pits were advanced along Brandy Brook and within the fenced area of the Site and were co-located with direct push boring

locations (Figure 2.1). Test pit field data records for logged soils and observed MGP impacts are presented in Appendix B. Two test pits, A4B and B5A, were completed without a complementary direct push boring.

2.2.3 Direct Push Borings

A total of 77 direct push soil borings (43 borings at OU01 and 34 borings along the railroad tracks) were advanced using Geoprobe® tooling with a truck-mounted drill rig (3200 series) and a track mounted 7822DT series to further delineate the horizontal and vertical extent of MGP waste impacts at OU01 and along the railroad tracks adjacent to OU01 and Brandy Brook (OU02). Direct push locations at OU01 and for railroad borings immediately adjacent to the Site area shown on Figure 2.1. Railroad borings along Brandy Brook (OU02) are shown on Figure 2.2.

Soil samples were collected continuously using a five-foot long, two-inch diameter core sampler lined with acrylic liners for the collection of discrete subsurface soil samples. Direct push rods were advanced to refusal or field-determined depths to vertically delineate MGP impacts at the Site. Direct push field data records for logged soils and observed MGP impacts are presented in Appendix B. Two borings (grid IDs G4A and I7D) were driven to refusal without continuous sampling to identify the top of bedrock along the eastern side of the Site. Bedrock or boulder refusal was observed at 71.9 feet (ft) bgs at G4A and at 76.8 ft bgs at I7D.

One-inch diameter temporary wells were installed at two direct push boring locations (TW-701 and TW-702), as described in further detail in Subsection 2.3.

2.3 TEMPORARY WELL INSTALLATION

To evaluate the hydrology of the ISS area two temporary wells (TW-701 and TW-702) were installed as part of the PDI. Each temporary well was installed with a one-inch diameter polyvinyl chloride (PVC) casing with a ten foot, schedule 40 PVC 0.010 inch slotted well screen and a filter pack. Wells were sealed at the surface with hydrated bentonite. Following installation, temporary wells were developed by over pumping with a peristaltic pump to evacuate three well volumes or until clear, whichever occurred first. Well construction diagrams and development activities were recorded on FDRs which are provided in Appendix B.

2.4 ISS BENCH SCALE STUDY AND GEOTECHNICAL LAB ANALYSIS

As part of the test pit and direct push drilling activities, a subset of soil samples was collected and submitted for the analysis of select geotechnical parameters by RSA Geolab, LLC. as part of the ISS bench scale study. Three separate soil types were collected to represent dense nonaqueous phase liquid (DNAPL)-rich, light nonaqueous phase liquid (LNAPL)-rich, and general site soils for the ISS bench scale study.

Soil types were collected as follows:

- Soil type 1 – Deep (10-30 ft bgs) soils in the central portion of Site (OU1 Central Deep - DNAPL rich): estimated at 3 percent (%) DNAPL by volume.
- Soil type 2 – Shallow (0-10 ft bgs) soils in the central portion of Site (OU1 Central Shallow - LNAPL/DNAPL rich): estimated at 6% DNAPL/LNAPL by volume.
- Soil type 3 – Shallow soils (0-6 ft bgs) from the north central portion of Site (OU1 North - trace LNAPL): estimated at <1% LNAPL by volume.

Approximately 16 gallons of each soil type were collected and sealed in 5-gallon buckets. Soils for each soil type were selectively collected of the most contaminated intervals at each boring/test pit. Sample buckets were stored in the on-site structure prior to transport to the geotechnical lab. ISS bench scale study results and documentation will be summarized in a separate basis of design report (MACTEC, 2020).

Analytical samples were collected from each soil type for waste disposal pre-characterization. Selected analyses for the waste disposal characterization are presented in Table 2.2 and listed in Section 2.10.

A water sample was collected from the fire hydrant located on Payeville Lane across the street from the Site entrance to be used by the geotechnical lab as mix water for the ISS bench scale study. They hydrant was opened by the Village of Saranac Lake and allowed to flush to grade for 5 minutes prior to collecting 15 gallons in carboys for the bench scale study. The carboys were labelled and stored in the Site building until transport to the geotechnical lab. Analytical samples for inorganic parameters were collected and are summarized on Table 2.2.

Samples of DNAPL and LNAPL were collected from temporary well TW-702 for use by the geotechnical lab in the ISS bench scale study. Samples were collected using a peristaltic pump into

500-mL polyethylene containers. Approximately 500mL of each was collected with excess groundwater decanted to the extent practicable. Samples were stored on ice at the site structure prior to transport to the geotechnical lab. Due to the sample volumes recovered from the monitoring well, analytical samples for DNAPL and LNAPL were not submitted for chemical analyses.

2.5 GROUNDWATER SAMPLING

Groundwater samples were collected from a select number of Site monitoring wells to serve as a baseline for future monitoring after implementation of the Site remedy. Samples were collected using low flow methodology from three existing monitoring wells (MW-108, MW-204, and MW-205D) and one newly installed temporary well (TW-702). Monitoring well locations are depicted on Figure 2.3. Water quality parameters were recorded on FDRs which are provided in Appendix B. Samples were collected for Site constituents of concern (COCs) and emerging contaminants (1,4-dioxane and per- and polyfluoroalkyl substances [PFAS]) as indicated on Table 2.2.

A water sample was collected from accumulated groundwater in test pit TP-H8A for groundwater pretreatment characterization and as site water (OU01 Water) to be provided to test the permeability of the stabilized soil during the ISS bench scale study. For the ISS bench scale study, five gallons was pumped into a 5-gallon carboy and stored inside the site structure until transported to the geotechnical lab.

Analyses selected for pretreatment characterization are presented in Table 2.2 and are described further in Section 2.10.

2.6 PORE WATER SAMPLING

Pore water samples were collected from six locations in the marshy area located south/southwest of the Site. Sampling locations are shown on Figure 2.4. This marshy area represents the nearest receptor of contaminated groundwater discharge in the vicinity of the Site and is located north of the McKenzie Brook discharge location into Lake Flower. Pore water samples were collected by inserting push point samplers into the lacustrine/alluvial sands (when present) located beneath the organic layer. For locations where the underlying sand layer could not be located after multiple attempts, the samplers were inserted to their entire length (4-ft) to ensure separation from overlying

surface water. Dissolved oxygen concentrations of the surface water and the pore water were evaluated to show samples collected were representative of pore water (low dissolved oxygen readings were used as a proxy to indicate a good connection to pore water instead of the overlying surface water). Each location was sampled using a peristaltic pump at low flow pumping rates (200-500 mL/min) with water quality parameters recorded on FDRs which are provided in Appendix B.

2.7 MONITORING WELL INVENTORY AND DECOMMISSIONING

A monitoring well inventory was carried out at the Site to verify the condition of monitoring wells and piezometers following remedial activities completed from 2018 to 2019. The findings of the well inventory are summarized as Table 2.3. The locations and status of the monitoring wells and piezometers located in OU01, OU02, and OU03 are presented on Figures 2.3 through 2.5.

Based on the results of the well inventory, eight piezometers and three monitoring wells were decommissioned. FDRs documenting the decommissioning details are provided in Appendix B. Several wells, particularly in OU01 could not be located and are presumed destroyed as a result of remedial activities (e.g. staging of materials) completed from 2018 to 2019 at OU02 and OU03. One Monitoring well located off-site (MW-202) could not be located and is presumed to be buried beneath native material or paved over.

Groundwater elevation measurements were collected from the existing monitoring wells and the newly installed temporary wells following their installation and development. Groundwater elevations are presented in Table 2.4 and a potentiometric surface map with interpreted groundwater flow paths is provided as Figure 2.6. A groundwater flow divide exists over the northern portion of the site with flow diverging north/northeastwards towards Brandy Brook and to the south/southwest towards Lake Flower.

2.8 HYDRAULIC CONDUCTIVITY TESTING

Hydraulic conductivity testing was completed on one existing monitoring well (MW-108) and on one of the newly installed temporary wells (TW-701). Testing was completed as slug tests using a solid mass of steel rebar (the slug) or by evacuating water using a peristaltic pump and a data logger. Two falling head tests was completed for each well using the solid slug, and four rising head tests (two using the solid slug and two by pumping) were completed for each well. The test data was

analyzed by the methods of Hvorslev (1951) and Bouwer and Rice (1976) with corrections for a partially saturated screen. Slug test FDRs are provided in Appendix B and the slug test plots are provided as Appendix D. The hydraulic conductivity testing results are summarized in Table 2.5.

2.9 SITE MATERIAL SURVEY AND EVALUATION

2.9.1 Hazardous Material Survey

A hazardous material survey was conducted to assess and collect samples of potentially hazardous building materials containing polychlorinated biphenyls (PCBs), lead based paint, or asbestos located in the utility shed at the Site for demolition under implementation of the OU01 RA. The survey, sampling methodology, and results summary are presented in the Hazardous Materials Survey report provided as Appendix E.

2.9.2 Debris Pile Evaluation

An evaluation of the debris piles was undertaken to identify the material present and prepare estimates for quantities that will be included in the RD for removal. Two debris piles are present in the wooded area south of the site fence. The locations of the debris piles are indicated on Figure 2.1. Materials present in the piles were a predominantly a mixture of concrete debris, scrap metal, and dirt. Some asphalt and tires were observed on the top of the eastern most pile. The eastern most debris pile is estimated at 30 cubic yards (yd^3) in volume with approximately 20% (6 yd^3) of which was identified as debris material. The western most debris pile is estimated to be 10 yd^3 in volume of which 50% (5 yd^3) was identified as debris material.

The steep slopes at the southern end were observed to have had cavities carved out for the placement of the debris piles. The origins of the piles are unknown, however one brick coated in MGP material was observed in the western most debris pile.

2.9.3 Site Structure Evaluation

An evaluation of concrete slabs and footer associated with current and former structures on the Site was undertaken to prepare material estimates for the RD. The locations of the structures are shown

on Figure 1.2. Structures that could be located were evaluated for thickness and footer depth (if present) using the excavator or direct push drill rig.

Former structure pads that could be located include:

- the two gas holders
- the coal storage structure in the southeastern corner
- the purifier area
- and the concrete tank stands in the northwest corner.

The southern gas holder is exposed at the surface and was verified to be 1.5 ft thick at the northwestern edge. The northern gas holder was identified 2 ft bgs with the direct push rig. The thickness of the northern holder could not be determined.

The southeastern coal storage slab is largely broken up and exposed. The concrete slab was measured as 0.5 ft thick. A building footer was not observed in test pits completed along the edges.

The concrete tank stands were found to extend 4.5 feet bgs with a 1 ft wide footer starting at 3.5 ft bgs.

The purifier area slab was observed to be continuous with that of the current site building. The combined slab extends 4 ft bgs with a 1 ft wide footer starting at 3 ft bgs.

2.10 CHEMICAL LABORATORY ANALYSIS

2.10.1 Soil Sampling

Thirty-seven soil samples were submitted between September and November 2019 for the analysis of:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260C
- Polycyclic Aromatic Hydrocarbons (PAHs) by USEPA Method 8270D

An additional eight soil samples were submitted in September 2019 for total cyanide analysis by USEPA method 9012B.

Composite samples from each of the ISS soil types were submitted for the following analyses:

- pH by USEPA method 9045D
- Total BTEX by USEPA method 8260
- Total PAHs by USEPA method 8270
- Total sulfides by SM4500-S
- Total organic carbon by Lloyd Kahn Method

Additionally, two composite soil samples from ISS soil types 2 and 3 were submitted for full suite analysis for predisposal characterization, including the following analyses:

- Total polychlorinated biphenyls (PCBs) by USEPA method 8082
- Toxicity Characteristics Leaching Procedure (TCLP) VOCs by USEPA method 1311/8260
- TCLP semi-volatile volatile organic compounds (SVOCs) by USEPA method 1311/8270
- TCLP Pesticides by USEPA method 8081
- TCLP metals by USEPA methods 1311/6010 and 7471
- Ignitability by USEPA method 1030A
- Percent solids test by USEAPA method 160.3
- Reactivity by USEPA methods 9010 and 9030

2.10.2 Water Sampling

Four groundwater samples were submitted for:

- Total BTEX by USEPA method 8260
- Total PAHs by USEPA method 8270

Four groundwater samples were submitted for emerging contaminants:

- 1,4-dioxane by USEPA method 8270-selective ion monitoring (SIM)
- PFAS by modified USEPA method 537

Six pore water samples were submitted for naphthalene by USEPA method 8270.

One water sample from the fire hydrant for the ISS bench scale study was submitted for the following analyses:

- pH by USEPA method 9040

- Chlorine by SM4500-Cl
- Total dissolved solids by SM2540D
- Total suspended solids by SM2540D
- Total organic content by USEPA method 415.1

One groundwater sample was submitted for full suite analysis for pretreatment characterization, including the following analyses:

- Target compound list (TCL) VOCs by USEPA method 8260
- TCL SVOCs by USEPA method 1311/8270
- Total PCBs by USEPA method 8082
- Pesticides by USEPA method 8081
- Target analyte list metals including mercury by USEPA methods 6010 and 7471
- Total suspended solids by SM2540D
- Total dissolved solids by SM2540D
- Bacterial oxygen demand by SM5210B
- Chlorine by SM4500-Cl
- Oil and grease by USEPA method 1664A
- Total organic content by USEPA method 415.1
- pH by USEPA method 9040
- Total cyanide by USEPA method 9012A

Validation of laboratory analytical results was completed by MACTEC in accordance with DER-10 (NYSDEC, 2010) and presented in the Data Usability Summary Reports included in Appendix F. Data was found to be usable with minor limitations. Analytical results are discussed in Subsection 3.2.

3.0 PRE-DESIGN INVESTIGATION RESULTS

Field observations and analytical results for soil and water samples collected during the PDI are discussed in this section. General notes for each table in Section 3 are included as Table 3.1.

3.1 FIELD OBSERVATIONS AND MEASUREMENTS

Evidence of MGP-waste impacts (including visual, olfactory, and/or PID response) observed during soil sampling were identified and recorded on FDRs in accordance with the NYSDEC Field Descriptions of Samples for Former MGP Sites (included in Appendix B). Summaries of MGP-waste impacts observed during sampling in OU01 and for the railroad borings are presented in Tables 3.2 and 3.3, respectively. Sample locations with MGP impacts for OU01 and the railroad borings are shown on Figures 3.1 and 2.2, respectively.

3.1.1 OU01 MGP Impacts

Overall observations of MGP impacted materials at OU01 were consistent with those observed during the RI with some exceptions.

MGP impacted material (coated grains, blebs, and DNAPL) was observed deeper than in the RI at depths up to 28 ft bgs in some areas of the Site. Typically, the deeper impacted materials corresponded to coarser sand seams which may represent preferential pathways for the vertical migration of coal tar at the Site. The deepest impacts were primarily observed in the central fenced areas of the Site. A three-dimensional interpretation of the volume of MGP-impacted soil from OU01 is shown in Appendix G.

Purifier waste (e.g. wood chips) was not observed in test pits completed in the central area of the Site as part of the PDI. Woody debris (including large tree limbs) saturated and stained with MGP waste (oil) was typically observed in the top 0 to 8 ft bgs across the area where purifier waste was previously identified in the RI (Figure 2.1). Wood chips identified as purifier waste in borings completed as part of the RI/FS in 2013 were likely a result of this woody debris as it appeared in the small diameter direct push borings. Purifier waste observed during the PDI was limited to infrequent, discontinuous lenses of blue-green granular material adjacent to Brandy Brook at the northern end of OU01.

3.1.2 Railroad Boring MGP Impacts

MGP impacted material was typically not observed in the railroad borings adjacent to OU01 and OU02. MGP impacts, as described above, were limited to 3 of the 34 borings completed. MGP impacts observed in the railroad borings are shown on Figure 2.2. Impacts were observed adjacent to culverts that transect the railroad tracks in OU02. These areas were observed to contain significant quantities of MGP impacted material during excavation activities as part of remedial activities completed in 2018 (MACTEC, 2019b). MGP impacts in two locations (DP-801 and DP-833) were observed to correspond to thin lenses of coated material at approximately the same depth from grade at the railroad as the sediment line at the culvert. The remaining MGP impact was sheen observed at the water table at DP-818.

3.2 SOIL ANALYTICAL RESULTS

Laboratory results were compared to the following soil cleanup guidelines:

- Restricted Residential and Commercial Soil Cleanup Objectives (SCOs) from Title Six of the New York Codes, Rules, and Regulations (6 NYCRR) Subpart 375-6 Remedial Program SCOs (NYS, 2006).
- Site-specific soil action levels for total BTEX of 10 mg/kg.
- New York State Soil Cleanup Guidance Policy CP-51 (Total PAH of 500 mg/kg) (NYSDEC, 2010a).

BTEX and PAH Analysis

Thirty-seven soil samples were submitted for analysis of BTEX by USEPA Method 8260 and PAHs by USEPA method 8270. Sample results for OU01 and the railroad borings are presented in Tables 3.4 and 3.5, respectively. Detected BTEX and PAHs in OU01 soils from the PDI and RI are shown on Figures 3.2 and 3.3, respectively. For discussion purposes, the highest concentration for a sample location is shown regardless of sample depth.

BTEX was detected in 3 of the 18 (17%) of samples collected from OU01. BTEX was detected in 1 of 19 (5%) samples (DP-833) collected from the railroad borings. Detected concentrations did not exceed restricted residential SCOs or the total BTEX criteria of 10 mg/kg.

One or more PAHs was detected in 15 of 18 (83%) of samples collected from OU01. Exceedances of restricted residential SCOs were observed in 4 of the 15 (27%) samples with detections.

Exceedances of commercial SCOs were observed in 3 of the 15 (20%) samples with detections. Two samples (DP-D10A and TP-C3D) had total PAH concentrations that exceeded the total PAH cleanup objective of 500 mg/kg.

One or more PAHs were detected in 4 of 19 (21%) of samples collected from the railroad borings. Detected concentrations of PAHs did not exceed SCOs for the railroad boring samples.

Total Cyanide

Eight soil samples were submitted from OU01 for total cyanide analysis by USEPA method 9012B. Samples were primarily collected from the south-central area of the Site where purifier waste had been identified during the RI. Samples were selected at the field geologist's discretion from multiple intervals with observable MGP impacts. The sample results for the PDI and the RI are provided in Table 3.6. Total cyanide results for samples collected during the PDI and RI are presented on Figure 3.4. Total cyanide was detected in 3 of 8 samples (38%) samples, at concentrations below SCOs. One soil sample (TP-B3D) contained discontinuous blue-green granular material identified as purifier waste in the northern portions of the Site. Cyanide was not detected in this sample.

ISS Soil Samples and Predisposal Characterization

Three composite samples of the ISS soil types were submitted for BTEX and PAH analysis and select inorganic parameters. The results of these analyses are presented in Table 3.7. SCO exceedances were observed in all three soil types with the highest concentrations and number of exceedances found in the DNAPL/LNAPL rich soils present in the south-central areas of the Site. Only one PAH (benzo[a]pyrene) exceeded the commercial SCO in shallow soils collected from the northern portion of the Site.

Two of the composite samples were also submitted for the full suite analysis for predisposal waste characterization. The results of these analyses are presented in Table 3.7.

3.3 WATER ANALYTICAL TESTING RESULTS

Laboratory results were compared to the following water quality standards and guidance values:

- Class GA Standards and Guidance Values (GA/GV) - 6 NYCRR Parts703 GA Groundwater Quality Standards (NYS, 1999).

- New York Drinking Water Quality Council Recommended Maximum Contaminant Levels for 1,4-dioxane and PFAS.

BTEX and PAH analysis

Four groundwater samples were submitted for analysis of BTEX by USEPA method 8260 and PAHs by USEPA method 8270. BTEX and one or more PAHs were detected at concentrations above GA/GV in 3 of the 4 (75%) of the groundwater samples. Groundwater samples with concentrations that exceed GA/GVs are located downgradient of the Site and are consistent with the results observed in groundwater samples collected during the RI. A summary of the detected BTEX compounds and PAHs in groundwater are presented in Table 3.7. Detected BTEX and PAHs in groundwater from the PDI and RI are shown on Figures 3.2 and 3.3, respectively.

Emerging Contaminants

Five groundwater samples were submitted for analysis of emerging contaminants 1,4-dioxane by USEPA method 8270-SIM and PFAS by modified USEPA method 537. Sample results for emerging contaminants in groundwater are provided as Table 3.8. 1,4-Dioxane was not detected in groundwater and PFAS were detected below the recommended MCL in the five samples.

Pore Water Samples

Six pore water samples were submitted for naphthalene analysis by USEPA method 8260. Naphthalene is an indicator compound for the migration of Site COCs in groundwater and was the selected to evaluate groundwater discharge to the wetlands adjacent to Lake Flower south of the Site. Pore water sample results are provided as Table 3.9. Naphthalene was not detected in the pore water samples.

Groundwater Pretreatment Characterization

One groundwater sample was collected and submitted for the full suite pre-treatment analyses for potential dewatering during construction activities. Sample results for the pretreatment characterization are provided as Table 3.11.

4.0 EXTENT OF OBSERVED WASTE IMPACTS

This section summarizes the refined extent of MGP-impacted soils at OU01 and under the railroad tracks based on results from this PDI. Figure 3.1 presents the horizontal extent of MGP waste impact to soils in OU01. Figure 2.2 presents the horizontal extent of MGP waste impact to soils in under the railroad tracks in OU02. The extent of MGP-waste impacts in samples collected during the PDI is largely consistent with that reported during the RI. Refinements to the contaminant extent determined during the RI are described below. A three-dimensional interpretation of the volume of MGP-impacted soil from OU01 is shown in Appendix G.

OU01

The revised extent of MGP impacted materials in OU01 is shown on Figure 3.1. For the purposes of revising the extent of MGP impacted materials for the Site remedy, locations that only exhibit residual staining, odors, or sheen at or below the water table have been excluded from the new revised limits. The locations are primarily located to the south of the most impacted areas of the Site. The impacts at these locations are inferred to be the result of contamination migrating with groundwater and are not considered source area materials requiring ISS or excavation.

MGP impacted materials were observed at greater depths (up to 28 ft bgs) for the central areas of the Site, than those observed in the RI. The top of MGP impacted material at the Site is irregular, ranging from near the surface (<1 ft bgs) in the south-central portions to of the Site to 4-6 ft bgs in other areas the Site.

The extent of MGP impacted materials south of the Site fence has been revised closer to the Site fence and no longer extends underneath the steep slope and structures located to the south.

Soil samples that exceed the Site cleanup objective for PAHs are either included in proposed excavation areas (TP-C3D) or are surface soils adjacent to the railroad tracks (DP-D10A) which are not considered to be Site related.

Purifier waste was not identified in the central area of the site and is instead determined to be limited to thin discontinuous layers across the northern portion of the Site adjacent to Brandy Brook. This material

is located in a proposed excavation area as part of the remedial action and will be solidified within the ISS area.

The revised interpreted volume of MGP impacted material are being calculated as part of the 90% design.

OU02 Railroad Culverts. MGP impacts were typically not observed in the railroad borings adjacent to OU01 and OU02. MGP impacts, as described above, were limited to 3 of the 34 borings completed. Impacts were observed adjacent to culverts that transect the railroad tracks in OU02 as shown on Figure 2.2. These areas were observed to contain significant quantities of MGP impacted material during excavation activities as part of remedial activities completed in 2018 (MACTEC, 2019b). Residual MGP impacts under the railroad tracks, when present, are limited to thin lenses of material immediately adjacent to the culverts and do not appear to extend away from these areas.

5.0 REFERENCES

MACTEC Engineering and Geology, P.C (MACTEC), 2020. Draft Remedial Design Basis Report, Operable Units OU01, Saranac Lake Gas Company, Inc., Site No. 516008. Prepared for New York State Department of Environmental Conservation, Albany, New York. January 2020.

MACTEC, 2019a. Field Activities Plan, Pre-Design Investigation, Saranac Lake Gas Company, Operable Unit 01, NYSDEC Site No. 516008. Prepared for New York State Department of Environmental Conservation, Albany, New York. August 2019.

MACTEC, 2019b. Interim Site Management Plan, OU02 & OU03 Saranac Lake Gas Company, Inc., Site Number: 516008. Prepared for New York State Department of Environmental Conservation, Albany, New York. September 2019.

MACTEC, 2015. Remedial Investigation Report– Saranac Lake Gas Company Site #516008. Prepared for New York State Department of Environmental Conservation, Albany, New York. January 2015.

MACTEC, 2011a. Program Quality Assurance Program Plan. Prepared for the New York State Department of Environmental Conservation, Albany, New York. June 2011.

MACTEC, 2011b. Program Health and Safety Plan. Prepared for New York State Department of Environmental Conservation, Albany, New York. June 2011.

New York State (NYS), 2006. New York Codes, Rules, and Regulations, Title 6, Part 375 Inactive Hazardous Waste Disposal Sites Remedial Program. Amended 2006.

NYS, 1999. New York Codes, Rules, and Regulations, Title 6, Part 700-705 Water Quality Regulations Surface Water and Groundwater Classifications and Standards. Amended August 1999.

New York State Department of Environmental Conservation (NYSDEC), 2017. Record of Decision, Saranac Lake Gas Company, Inc., Operable Unit Number 01. March 2017.

NYSDEC, 2010a. CP-51 / Soil Cleanup Guidance Policy. October 21, 2010.

NYSDEC, 2010. DER-10, Technical Guidance for Site Investigation and Remediation. May 3, 2010.

U.S. Army Corps of Engineers, 2018. Permit Application No. NAN-2017-00440-UDE by NYSDEC, Village of Saranac Lake, Essex County, New York. January 25, 2018.

TABLES

TABLE 2.1
Summary of Pre-Design Investigation Rationale for Saranac Lake OU01

Investigation Area	Data Quality Objective	Collection Method	Depth (ft. bgs)	Type	Parameters	# of Sample Locations	Sample objective	Rationale
OU01 Soils	Horizontal & Vertical Delineation	Test Pit / Direct Push / Hand Auger	0-40	Visual	None	45 - Visual ID of MGP material, clean edge, clean bottom	Delineate the extent of MGP material visually and to evaluate concentrations of PAHs and BTEX exceeding commercial clean-up criteria	Confirm clean edges for MGP waste in areas of the Site that were not bounded horizontally and vertically during the RI. Confirm clean edge of contamination with analytical data in areas of the Site which was previously identified only visually.
				Soil Grab	Total PAH Total BTEX	19 - Two ft below water table or areas of observed MGP impacts from 0-6 ft bgs (whichever was deeper)		
				Soil Grab	Total Cyanide	8 - Collected from most heavily impacted soils in the south central area of the Site	Evaluate if cyanide is a contaminant of concern at the Site that would need to be consided for the design	Information needed for preparing the remedial design.
Railroad Tracks OU01 and OU02	Vertical and horizontal delineation	Direct push	0-30	Visual	None	34 - Visual ID of MGP material	Evaluate if contamination is present under the railroad tracks to the west of OU01 and delineate residual impacts under the tracks in OU02	Information needed for evaluating future remediation activities.
				Soil Grab	Total BTEX Total PAHs	19 - At water table or below observed MGP impacts		
ISS Bench Scale Study	ISS design support	Test Pit / Direct Push	0-30	Soil composite	Bench Test	3 - composite of test pits/direct push borings	Support bench scale testing for solidification of waste	Information needed for preparing the remedial design.
				Free Product (if present)	None	2- (1 floating and 1 sinking product)		
	Waste characterization	Test Pit / Direct Push	0-10	Soil composite	Waste characterization*	2 - composites of test pits/direct push borings	Waste characterization if material needs to be disposed off-site	The top 6 feet will be excavated for ISS. Soils containing visual MGP material in this interval will need to be disposed off-site or incorporated into other parts of the ISS area.
	Groundwater treatment support	Test pit	NA	Water grab	Water chemistry	1 - grab of accumulated groundwater in test pit	Support design of potential excavation water treatment	Information needed for preparing the remedial design.
Site Material Survey and Evaluation	Hazardous Material Survey	Inspection / Sampling	NA	Visual / Building Material Samples	Asbestos Lead PCBs	21 - Suspect ACM 3 - Paint chips (lead) 2 - Window glazing (PCBs)	Pre-characterize building materials for demolition during implementation of the Site remedy	Information needed for preparing the remedial design.
	Debris evaluation	Hand Probe	0-2	Visual	None	Visual ID of surficial and buried debris thickness and areal extent	Estimate type and volume of debris material observed in the wooded area south of Site to be disposed of off-site	
	Concrete debris evaluation	Test Pit	0-5	Visual	None	Visual ID of surficial and buried concrete thickness and areal extent	Debris material estimates which will be disposed off-site	

TABLE 2.1
Summary of Pre-Design Investigation Rationale for Saranac Lake OU01

Investigation Area	Data Quality Objective	Collection Method	Depth (ft. bgs)	Type	Parameters	# of Sample Locations	Sample objective	Rationale
Well Inventory	Evaluate well network	Inspection / Gauging	NA	Visual / Gauging	None	NA	Evaluate current monitoring well network and locate wells/piezometers for decommissioning. Collect synoptic water level measurements for an updated potentiometric surface map	Information needed for establishing a monitoring network after completion of ISS remedition at the Site. Remove wells/piezometers no longer required for monitoring.
Wetlands Investigation	Groundwater discharge area	Push point	0.5-3.0	Water grab	Naphthalene	6 - pore water from nearest groundwater discharge areas south of OU01.	Evaluate contaminant migration in groundwater at the nearest receptor.	The extent of groundwater contamination migrating from the Site had not been delineated.
Groundwater Samples	Evaluate for Emerging Contaminants	Existing monitoring wells	5-15	Low flow purging	PFAS 1,4-Dioxane	3 - wells in impacted areas 1 - upgradient well	Evaluate presence of emerging contaminants	Information needed for evaluating future remediation activities.
	Evaluate Current Conditions		5-15		Total BTEX Total PAHs	2 - downgradient wells 1 - upgradient wells	Evaluate current contaminant concentrations in groundwater at the Site	Establish a baseline for evaluating the ISS remediation at the Site

Notes:

ft bgs	feet below ground surface
*	TCLP Metals; TCLP VOC; Total SVOC; PCB/Pesticides; Reactivity; Ignitability; pH; Total Cyanide
ACM	asbestos containing material
BTEX	benzene, toluene, ethylbenzene, xylene
ID	identification
MGP	manufactured gas plant
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyls
PFAS	per- and polyfluoroalkyl substances
SVOC	semi-volatile organic compounds
TCLP	toxicity characteristic leaching protocol
VOC	volatile organic compounds

Table 2.2: Sample Identification and Analyses

						Environmental Characterization				Design Support		
Investigation Area	Sampling Media	Location ID	Method	Sample Depth (ft bgs)	Sample ID	Total PAHs	Total BTEX	Total Cyanide	Emerging Contaminants	Waste Disposal Parameters-Soil	Excavation Water Treatment Samples	ISS Bench Test Sample Media
OU01 Soil Samples Horizontal and Vertical Delineation	Soil	TP-B3D	Test Pit	3	TP-B3D030			1				
		TP-B5A	Test Pit	1	DP-B5A010	1	1					
		TP-C3D	Test Pit	3	TP-C3D03	1	1					
		TP-C3D	Test Pit	3	TP-C3D03MS	1	1					
		TP-C3D	Test Pit	3	TP-C3D03MD	1	1					
		TP-D3D	Test Pit	4	TP-D3D04	1	1					
		TP-D3D	Test Pit	4	TP-D3D04D	1	1					
		DP-D10A	Hand Auger	1	DP-D10A010	1	1					
		DP-E7D	Direct Push	12	DP-E7D120			1				
		DP-E11D	Direct Push	1	DP-E11D010	1	1					
		DP-E11D	Direct Push	15	DP-E11D150	1	1					
		DP-F9D	Direct Push	16	DP-F9D160			1				
		DP-G4A	Direct Push	11	DP-G4A110	1	1					
		DP-G5B	Direct Push	1	DP-G5B010	1	1					
		DP-G7D	Direct Push	20	DP-G7D200			1				
		DP-G8D	Direct Push	6	DP-G8D060			1				
		DP-G8D	Direct Push	10	DP-G8D100			1				
		DP-G12B	Direct Push	1	DP-G11C010	1	1					
		DP-G12B	Direct Push	17	DP-G11C170	1	1					
		DP-H6D	Direct Push	10	DP-H6A100	1	1					
		DP-H10C	Direct Push	1	DP-H10C010	1	1					
		DP-H10C	Direct Push	23	DP-H10C230	1	1					
		DP-I8A	Direct Push	1	DP-I8A010	1	1					
		HA-H3D	Hand Auger	1	HA-H3D010	1	1					
		HA-J2C	Hand Auger	1	HA-J2C0101	1	1					
		TW-702	Direct Push	7	TW-702070			1				
		TW-702	Direct Push	12	TW-702120			1				

Table 2.2: Sample Identification and Analyses

						Environmental Characterization				Design Support		
Investigation Area	Sampling Media	Location ID	Method	Sample Depth (ft bgs)	Sample ID	Total PAHs	Total BTEX	Total Cyanide	Emerging Contaminants	Waste Disposal Parameters-Soil	Excavation Water Treatment Samples	ISS Bench Test Sample Media
Railroad Borings	Soil	DP-801	Direct Push	15	DP-80115	1	1					
		DP-803	Direct Push	8	DP-80308	1	1					
		DP-804	Direct Push	12	DP-80412	1	1					
		DP-806	Direct Push	8	DP-80608	1	1					
		DP-808	Direct Push	8	DP-80808	1	1					
		DP-810	Direct Push	8	DP-81008	1	1					
		DP-812	Direct Push	9	DP-81209	1	1					
		DP-814	Direct Push	8	DP-81408	1	1					
		DP-817	Direct Push	9	DP-81709	1	1					
		DP-818	Direct Push	12	DP-81812	1	1					
		DP-821	Direct Push	9	DP-82109	1	1					
		DP-823	Direct Push	8	DP-82308	1	1					
		DP-825	Direct Push	12	DP-82512	1	1					
		DP-827	Direct Push	12	DP-82712	1	1					
		DP-829	Direct Push	12	DP-82912	1	1					
		DP-831	Direct Push	7	DP-83107	1	1					
		DP-832	Direct Push	18	DP-83218	1	1					
		DP-833	Direct Push	12	DP-83312	1	1					
		DP-834	Direct Push	12	DP-83412	1	1					
ISS Bench Scale Study	Soil	NA	Composite	0-6	516008-OU01 North					1		1
		NA	Composite	0-10	516008-OU1 Central Shallow					1		1
		NA	Composite	10-30	516008-OU01 Central Deep							1
	Groundwater	TP-H8A Test Pit Water	Grab	NA	516008-OU01 Water						1	
	Water Supply	Site Hydrant	Grab	NA	516008-Hydrant							1

Table 2.2: Sample Identification and Analyses

						Environmental Characterization				Design Support		
Investigation Area	Sampling Media	Location ID	Method	Sample Depth (ft bgs)	Sample ID	Total PAHs	Total BTEX	Total Cyanide	Emerging Contaminants	Waste Disposal Parameters-Soil	Excavation Water Treatment Samples	ISS Bench Test Sample Media
Water Characterization	Groundwater	MW-108	Low flow	14	510068-MW108019	1	1		1			
		MW-204	Low flow	17	516008-MW204023	1	1		1			
		MW-204	Low flow	17	516008-MW204023MS	1	1					
		MW-204	Low flow	17	516008-MW204023MD	1	1					
		MW-205D	Low flow	25	510068-MW205D025	1	1		1			
		MW-205D	Low flow	25	510068-MW205D025D	1	1		1			
		TW-702	Low flow	15	510068-TW702015				1			
	Pore Water	PP-701	Push point	2.5-3	PP-701	1#						
		PP-702	Push point	0.5-1.0	PP-702	1#						
		PP-703	Push point	1.5-2.0	PP-703	1#						
		PP-704	Push point	3.5-4	PP-704	1#						
		PP-705	Push point	3.5-4	PP-705	1#						
		PP-706	Push point	2.5-3.0	PP-706	1#						
Total Soil						38	38	8	0	2	0	3
Total Water						12	6	0	5	0	1	1
TOTAL SAMPLES						50	44	8	5	2	1	4

NOTES:

Sample ID Based on Site Number (516008) - Location ID - Sample depth (last three digits represent sample depth in feet below ground surface with the third digit in tenths of feet [010 = 1 ft bgs])

QA/QC Field duplicate (Sample IDs end in D), Matrix Spike (MS) and Matrix Spike Duplicate (MD) collected for every 20 samples. 1 each for soil and groundwater

Total PAHs Total polycyclic aromatic hydrocarbons - USEPA Method 8270

Total BTEX Benzene, toluene, ethylbenzene, total toluene - USEPA Method 8260B

Emerging Contaminants Per- and polyfluoroalkyl substances (PFAS) by Modified USEPA Method 537 and 1,4-Dioxane by USEPA Method 8270 SIM

Soil Waste Disposal Parameters TCLP VOCs by USEPA Methods 1311/8260C; TCLP SVOCs - USEPA 1311/8270D; Total PCBs - USEPA 8082A; TCLP Pesticides - USEPA 1311/8081B; TCLP Metals - USEPA 1311/6010C/7470A; Total Cyanide and Reactive Cyanide - 9012; Sulfide, Reactive - 9034; Ignitability 1030; 9045D - pH - Corrosivity

Excavation Water Treatment TCL VOCs - USEPA 8260; SVOCs - USEPA 8270; TAL Metals - USEPA 6010; Mercury - USEPA 7471; Total PCBs - USEPA 8082; Pesticides/Herbicides - USEPA 8081; Total suspended and dissolved solids - SM2540D; Bacterial oxygen demand - SM5210B; free chlorine - SM4500-Cl; salinity - ASTM D2937; oil and grease - USEPA 1664A; Total organic content - USEPA 415.1; pH - USEPA 9040; Total Cyanide 9012A

Bench test sample media Soil - Total BTEX; T(34) PAHs; pH by Method 9040; sulfide by SM4500-S; total organic carbon by Lloyd Kahn method
Hydrant water - Total suspended and dissolved solids - SM2540D; Total organic content - USEPA 415.1; pH - USEPA 9040; Free chlorine - SM4500-Cl

1# Porewater samples to be analyzed for naphthalene only
bgs below ground surface
ISS In situ stabilization
DP Direct push boring
HA Hand auger
TP Test pit
PP Push point sample
MW Monitoring well
TW Temporary well

Table 2.3: Monitoring Well and Piezometer Construction Details

Location ID	Northing	Easting	Casing Elevation (ft amsl)	Riser Elevation (ft amsl)	Ground Surface Elevation (ft amsl)	TOC (ft ags)	TOC - TOR (ft)	Bottom of Well (ft BTOR)	Screening Interval (ft bgs)	OU Location	Well Inventory Status
MW-101	1999449.36	592312.95	1543.18	1542.93	1543.2	0	0.25	13.0	3 - 13	OU-1	CNL - Presumed Destroyed During OU-2 Site Activities
MW-102	1999596.97	592281.02	1543.51	1543.22	1543.5	0	0.29	14.9	4.9 - 14.9	OU-1	CNL - Presumed Destroyed During OU-2 Site Activities
MW-103	1999401.39	592254.05	1542.45	1542.07	1542.4	0	0.38	19.7	9.7 - 19.7	OU-1	CNL - Presumed Destroyed During OU-2 Site Activities
MW-104	1999833.87	592054.19	1545.27	1544.85	1542.3	3.0	0.42	19.4	6.4 - 16.4	OU-1	Located - good condition
MW-105	1999766.01	592166.86	1545.98	1545.83	1543.0	3.0	0.15	18.3	5.3 - 15.3	OU-1	Located - good condition
MW-106	1999720.04	592151.21	1543.23	1543.17	1540.4	2.8	0.06	16.9	4.1 - 14.1	OU-1	Located - Casing had heaved during OU2 Remediation, decommissioned
MW-107	1999701.42	592314.39	1542.21	1541.91	1542.2	0	0.30	14.6	4.6 - 14.6	OU-1	CNL - Presumed Destroyed During OU-2 Site Activities
MW-108	1999615.19	592418.34	1546.75	1546.69	1543.6	3.1	0.06	22.1	9.0 - 19.0	OU-1	Located - good condition
MW-109	1999403.28	592332.38	1546.10	1545.85	1543.0	3.1	0.25	18.8	5.7 - 15.7	OU-1	Located - good condition, recommend decommissioing for ISS activities
MW-110	1999524.97	592176.70	1543.33	1543.08	1543.3	0	0.25	19.6	9.6 - 19.6	OU-1	CNL
MW-201	1999945.73	591954.15	1543.81	1543.58	1540.6	3.2	0.23	18.6	5.4 - 15.4	OU-1	CNL - Presumed Destroyed During OU-2 Remediation
MW-202	1999711.88	591841.61	1554.19	1553.97	1554.2	0	0.22	22.4	12.4 - 22.4	OU-1	CNL
MW-203	1999993.61	591740.99	1548.05	1547.83	1548.1	0	0.22	17.3	7.3 - 17.3	OU-1	Located - good condition
MW-204	1999285.76	592255.49	1546.53	1546.29	1543.5	3.0	0.24	28.3	10.3 - 25.3	OU-1	Located - good condition
MW-205S	1999119.02	592297.69	1545.44	1545.24	1542.5	2.9	0.20	19.6	9.6 - 19.6	OU-1	Located - good condition
MW-205D	1999124.30	592295.88	1545.52	1545.37	1542.4	3.1	0.15	33.5	20.4 - 30.4	OU-1	Located - good condition
GW-02	1999638.97	592352.87	1543.65	1543.53	1543.7	0	0.12	10.5	1.5 - 10.5	OU-1	Located - good condition, recommend decommissioing for ISS activities
TW-701	1999516.86	592469.52	NA	1544	1544	NA	NA	20.0	10 - 20	OU-1	Installed for OU-1 PDI, decomissioned
TW-702	1999487.00	592338.61	NA	1545	1543	NA	NA	18.0	8 - 18	OU-1	Installed for OU-1 PDI, recommend decommissioing for ISS activities
PZ-301	1999930	591915	NA	NA	1540	NA	NA	12.0	2.0 - 12.0	OU-2	Located - good condition, decommissioned
PZ-302	1999848	592090	NA	1553.9	1550	3.9	NA	19.9	3.0 - 16.0	OU-2	Located - good condition, decommissioned
PZ-303	2000117	592005	NA	1540.9	1539	1.9	NA	9.9	3.0 - 8.0	OU-2	Located - good condition, decommissioned
PZ-304	2000133	592036	NA	1546.9	1544	2.9	NA	14.9	1.0 - 11.0	OU-2	Located - good condition, decommissioned
PZ-311	2000325	591770	NA	NA	1542	NA	NA	12.0	2.0 - 12.0	OU-2	CNL - Presumed Destroyed During OU-2 Remediation
PZ-317	2000475	591409	NA	NA	1536	NA	NA	8.0	3.0 - 8.0	OU-2	CNL - Presumed Destroyed During OU-2 Remediation
PZ-318	2000500	591399	NA	NA	1535	NA	NA	8.0	3.0 - 8.0	OU-2	CNL - Presumed Destroyed During OU-2 Remediation

Table 2.3: Monitoring Well and Piezometer Construction Details

Location ID	Northing	Easting	Casing Elevation (ft amsl)	Riser Elevation (ft amsl)	Ground Surface Elevation (ft amsl)	TOC (ft ags)	TOC - TOR (ft)	Bottom of Well (ft BTOR)	Screening Interval (ft bgs)	OU Location	Well Inventory Status
PZ-337	2000303	591733	NA	NA	1549	NA	NA	17.0	7.0 - 17.0	OU-2	Located - good condition, decommissioned
PZ-328	2000416	590853	NA	NA	1531	NA	NA	8.0	3.0 - 8.0	OU-3	Located - good condition, decommissioned
PZ-331	2000308	590667	NA	NA	1533	NA	NA	25.0	15.0 - 25.0	OU-3	CNL - Presumed Destroyed During OU-3 Remediation
PZ-332	2000173	590565	NA	NA	1529	NA	NA	9.0	4.0 - 9.0	OU-3	CNL - Presumed Destroyed During OU-3 Remediation
PZ-333	2000391	590880	NA	NA	1532	NA	NA	NA	NA	OU-3	Located - good condition, decommissioned
PZ-335	2000463	590668	NA	NA	1532	NA	NA	26.0	16.0 - 26.0	OU-3	Located - good condition, decommissioned
PZ-336	2000495	590419	NA	NA	1533	NA	NA	20.0	10.0 - 20.0	OU-3	CNL - Presumed Destroyed During OU-3 Remediation

Notes:

MW - monitoring well
PZ - Piezometer
TW - temporary well
TOC - top of casing
TOR - top of riser
BTOR - below top of riser
NA - not available
ft - feet
ags - above ground surface
bgs - below ground surface
amsl - above mean sea level
NA - not available
CNL - Could not locate

Wells Surveyed by Prudent Engineering
Northing/Easting = North American Datum 83/96 - NYSPCS EAST (US survey ft); Elevations = North American Vertical Datum 88 (US survey ft)

Piezometers and Temporary Wells located via Global Positioning System handheld unit, elevations estimated to the nearest foot using Site topographic maps
Northing/Easting = North American Datum 83/96 - NYSPCS EAST (US survey ft); Elevations = North American Vertical Datum 88 (US survey ft)

Table 2.4: Groundwater Elevation Measurements

Monitoring Well Location ID	Riser Elevation (ft amsl)	Bottom of Well (ft btor)	Depth to Water 8/19/2013 (ft btor)	Groundwater Elevation 8/19/2013 (ft btor)	Depth to Water 9/29/2014 (ft btor)	Groundwater Elevation 9/29/2014 (ft amsl)	Depth to Water 9/20/2019 (ft btor)	Groundwater Elevation 9/20/2019 (ft amsl)
MW-101	1542.93	13.0	9.93	1533.00	8.56	1534.37	CNL	NA
MW-102	1543.22	14.9	4.84	1538.38	5.17	1538.05	CNL	NA
MW-103	1542.07	19.7	9.23	1532.84	10.02	1532.05	CNL	NA
MW-104	1544.85	19.4	8.10	1536.75	7.68	1537.17	7.05	1537.80
MW-105	1545.83	18.3	9.17	1536.66	8.65	1537.18	9.45	1536.38
MW-106	1543.23	16.9	5.51	1537.66	5.96	1537.21	5.75	1537.48
MW-107	1541.91	14.6	3.86	1538.05	4.16	1537.75	CNL	NA
MW-108	1546.69	22.1	13.7	1532.99	13.51	1533.18	14.03	1532.66
MW-109	1545.85	18.8	9.44	1536.41	10.25	1535.60	10.38	1535.47
MW-110	1543.08	19.6	10.00	1533.08	9.93	1533.15	CNL	NA
MW-201	1543.58	18.6	NM	NM	6.28	1537.30	CNL	NA
MW-202	1553.97	22.4	NM	NM	14.92	1539.05	CNL	NA
MW-203	1547.83	17.3	NM	NM	11.12	1536.71	11.13	1536.70
MW-204	1546.29	28.3	NM	NM	13.42	1532.87	13.99	1532.30
MW-205S	1545.24	19.6	NM	NM	12.34	1532.90	12.94	1532.30
MW-205D	1545.37	33.5	NM	NM	12.35	1533.02	12.93	1532.44
GW-02	1543.65	9.8	4.53	1539.12	6.42	1537.23	5.1	1538.55
GW-11	1541.95	10.5	3.88	1538.07	4.71	1537.24	CNL	NA
GW-14	1542.97	10.4	8.51	1534.46	9.37	1533.60	CNL	NA
TW-701	1544	19.5	NA	NA	NA	NA	12.9	1531
TW-702	1546	20.5	NA	NA	NA	NA	10.9	1535
BB-1	1548.42	NA	NA	NA	NA	NA	NM	NA
BB-2	1535.86	NA	NM	NM	6.06	1529.80	NM	NA
LF-1	1529.52	NA	NM	NM	1.97	1527.55	NM	NA

Notes:
ft = feet
tor = top of riser
btor = below top of riser
amsl = above mean sea level
Wells Surveyed by Prudent Engineering
Elevations = North American Vertical Datum 88 (US survey ft)

CNL = Could Not Locate
NA = Not Available
NM = Not Measured

Table 2.5: Summary of Hydraulic Conductivity (K) Test Results

Monitoring Well ID	Depth (feet bgs)	Solution Method	Falling Head Test 1 (cm/sec)	Falling Head Test 2 (cm/sec)	Rising Head Test 1 (cm/sec)	Rising Head Test 2 (cm/sec)	Rising Head Test 3 (cm/sec)	Rising Head Test 4 (cm/sec)	Average Per Well
MW-108	18.9	Bouwer	NA	NA	5.90E-03	4.51E-03	6.85E-03	4.58E-03	4.23E-03
		Hvorslev	NA	NA	3.09E-03	2.56E-03	3.82E-03	4.10E-03	
TW-701	19.4	Bouwer	4.63E-03	1.69E-03	3.63E-03	3.45E-03	3.09E-03	2.55E-03	2.61E-03
		Hvorslev	2.78E-03	4.06E-03	3.40E-03	1.13E-03	2.40E-03	1.28E-03	

Notes:
cm/sec - centimeters per second
NA - Slug test results inconclusive, data not plotted
bgs - below ground surface
Bouwer = Hydraulic conductivity calculated using the Bouwer & Rice Solution Method in Aqtesolv
Hvorslev = Hydraulic conductivity calculated using the Hvorslev Solution Method in Aqtesolv

Average Hydraulic Condutivity in Overburden =	
3.42E-03 cm/sec	- Arithmatic Mean
3.33E-03 cm/sec	- Geometric Mean
9.7 ft/d	- Arithmatic Mean
9.4 ft/d	- Geometric Mean

Table 3.1 - Pre-Design Investigation Report General Table Notes

General Notes:
ND - non detect
ft bgs - feet below ground surface
FS - field sample
FD - field duplicate
blank cell - screening data or analytical sample not collected at location interval
mg/kg - milligram per kilogram (ppm)
ng/L - nanograms per liter (ppt)
µg/L - micrograms per liter (ppb)
mg/L - milligrams per liter (ppm)
Bold = Detected in sample below criteria value
NA - not applicable

MGP Description Type -
Blebs - observed discrete sphericals of tar/free product
Coated - soil grains coated with tar/free product
Purifier - blue/green granular material
DNAPL - dense non-aqueous phase liquid
NOI - no observable impacts
BTEX - benzene, toluene, ethylbenzene, xylene
PCB - polychlorinated biphenyl
PAH - polycyclic aromatic hydrocarbons
PFAS - per- and polyfluoroalkyl substances
TCLP - Toxicity Characteristic Leaching Procedure
2007 samples were collected during the Site Characterization (SC)
2013 samples were collected during the Remedial Investigation (RI)

Qualifiers:
U - analyzed but not detected
J - estimated value
J+ - estimated value, biased high
J- - estimate value, biased low
UJ - estimated concentration below the method reporting limit

Soil Notes:
SCO - NYSDEC Part 375 Remedial Program Soil Cleanup Objective
RRES - Restricted Residential SCO
COMM - Commercial SCO
NS - No SCO
Yellow highlighted cells indicate an exceedance of the Restricted Residential SCO
Orange highlighted cells indicate an exceedance of the Commercial SCO

Groundwater Notes:
GA/GVs - TOGS 1.1.1: Division of Water Technical and Operational Guidance Series (1.1.1)
Yellow highlight indicates an exceedance of Class GA criteria
Orange highlight indicates an exceedance of Class GA guidance value
MCL - New York State maximum contaminant level

Table 3.2: OU-01 Pre-Design Investigation Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Estimated Groundwater Level (ft bgs)	Field Scan PID (ppm)	Shake Test Observations	Analytical Results			
									Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
A4B	1999711.60	592088.50	0	4	NOI	4	0.2					
			4	4.2	purifier							
			4.2	8.2	NOI							
B3C	1999736.60	592138.50	0	1	NOI	1						
			1	2	Coated, Blebs, DNAPL		43.2	LNAPL				
			3.7	6.3	purifier							
			6.3	10	staining/odor		199					
			10	20	NOI		9.2					
B3D	1999735.28	592116.16	0	6	purifier	3	197					
			6	7	NOI							
B4D	1999693.12	592114.72	0	4	NOI	4	0.2					
			4	4.2	purifier							
			4.2	8.2	NOI							
			8.2	10	staining/odor							
			10	30	NOI		2.4					
B5A	1999661.60	592113.50	0	2	NOI	3.5			1	4.44	ND	ND
			2	5.8	NOI							
C3D	1999736.60	592163.50	0	3	NOI	2.5						
			3	3.5	Coated, Blebs, DNAPL		84.8		3	723.4	40	ND
			4	5	purifier		0.6					
			5	20	NOI							
C4C	1999681.58	592193.82	0	5	staining/odor	5						
			5	12	Coated, Blebs, DNAPL		174					
			12	25	Coated, Blebs, DNAPL		174					
			25	30	NOI							
C5D	1999636.60	592163.50	0	3	NOI	10.7	0.4					
			3	6	staining/odor							
			6	20	NOI							
C7B	1999561.61	592188.50	0	20	NOI	8.6						
D3C	1999736.60	592238.50	0	4.5	NOI	3.5	0					
			4.5	5	staining/odor							
			5	20	NOI		0.1					
D3D	1999736.60	592213.50	0	4	NOI	3.5	0					
			4	4.5	Coated, Blebs, DNAPL				4	22.49	ND	ND
			4.5	7	NOI		0					
			7	7	staining/odor		0.2					
			7	20	NOI		0					

Table 3.2: OU-01 Pre-Design Investigation Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Estimated Groundwater Level (ft bgs)	Field Scan PID (ppm)	Shake Test Observations	Analytical Results			
									Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
D5A	1999661.60	592213.50	0	7.3	NOI							
			7.3	11.4	Coated, Blebs, DNAPL		26.6	LNAPL				
			11.4	16.5	staining/odor		14.8					
			16.5	22.1	Coated, Blebs, DNAPL			LNAPL				
			22.1	25	NOI							
D5C	1999631.64	592240.83	0	6	NOI		1.4					
			6	27	Coated, Blebs, DNAPL		54	LNAPL				
			27	30	NOI							
D8C	1999486.61	592238.50	0	1.9	staining/odor							
			1.9	5	NOI		0.2					
			5	18	staining/odor		97					
			18	30	NOI		11.9					
D8D	1999486.04	592213.76	0	1.3	staining/odor	11						
			1.3	30	NOI		35.2					
D9C	1999443.02	592237.54	0	12	staining/odor				1	888.7	1.1	0.51
			12	17.5	Coated, Blebs, DNAPL		322	Both				
			17.5	30	NOI		35					
D10A	1999411.60	592213.50	0	1	NOI							
D11B	1999361.60	592238.50	0	25	NOI		0.4	NA				
			25	26	staining/odor		50.4					
			26	30	NOI							
E4C	1999686.60	592288.50	0	1	NOI	7.9						
			1	4	staining/odor		1.4					
			4	20	NOI		0.6					
E6D	1999586.61	592263.50	0	1	staining/odor							
			1	4	NOI		4.7					
			4	27	Coated, Blebs, DNAPL		316	LNAPL				
			27	30	NOI							
E7D	1999536.61	592263.50	0	4.5	staining/odor		181					
			4.5	22	Coated, Blebs, DNAPL		4008	Both				
			22	30	NOI							
E8C	1999486.61	592288.50	0	7	staining/odor		0.8					
			7	23	Coated, Blebs, DNAPL		398					
			23	30	NOI							
E11D	1999336.60	592263.50	0	30	NOI	13	1.4		1	3.351	0.04	ND
									15	0.147	ND	0.11

Table 3.2: OU-01 Pre-Design Investigation Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Estimated Groundwater Level (ft bgs)	Field Scan PID (ppm)	Shake Test Observations	Analytical Results			
									Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
F5B	1999661.60	592338.50	0	2	NOI	6.5						
			2	4	staining/odor		30.2					
			4	4.5	Coated, Blebs, DNAPL		60.3					
			4.5	7.3	NOI							
			7.3	16.2	Coated, Blebs, DNAPL		4.6	LNAPL				
			16.2	20	staining/odor		0.9					
F6A	1999611.60	592313.50	0	1.5	staining/odor							
			1.5	5.25	NOI							
			5.25	8.5	staining/odor		20					
			8.5	28.5	Coated, Blebs, DNAPL		226.7	LNAPL				
			28.5	30	NOI							
F7D	1999536.61	592313.50	0	4.4	NOI							
			4.4	22	Coated, Blebs, DNAPL		410	LNAPL				
			22	30	NOI							
F9D	1999436.60	592313.50	0	3	staining/odor							
			3	15	Coated, Blebs, DNAPL		361					
			15	19	Coated, Blebs, DNAPL							
			19	30	NOI							
F11C	1999336.60	592338.50	0	30	NOI	12	2.4					
G3A	1999761.61	592363.50	0	20	NOI	11	0.1					
G4A	1999711.60	592363.50	0	20	NOI	9			11	ND	ND	ND
G5B	1999661.60	592388.50	0	20	NOI	11	9		1	0.02	ND	ND
									11	0.122	ND	ND
G7D	1999536.61	592363.50	0	4	staining/odor	4	80.4					
			4	24	Coated, Blebs, DNAPL		184	LNAPL				
			24	30	NOI							
G8D	1999486.61	592363.50	0	2	staining/odor							
			2	6	staining/odor		647					
			6	20	Coated, Blebs, DNAPL		587	LNAPL				
			20	30	NOI							
G9D	1999436.60	592363.50	0	5	NOI							
			5	6	staining/odor							
			6	7	Coated, Blebs, DNAPL		149					
			7	24.5	staining/odor							
			24.5	26	Coated, Blebs, DNAPL		119	DNAPL				
			26	30	NOI							
G10C	1999386.60	592388.50	0	30	NOI	8	37.9					
G12B	1999298.48	592391.51	0	30	NOI	16	0.2		1	10.75	0.77	ND
									17	0.139	ND	ND
H6D	1999586.61	592413.50	0	20	NOI		33.4		10	ND	ND	ND

Table 3.2: OU-01 Pre-Design Investigation Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Estimated Groundwater Level (ft bgs)	Field Scan PID (ppm)	Shake Test Observations	Analytical Results			
									Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
H7A	1999561.60	592413.50	0	6	NOI							
			6	22.5	Coated, Blebs, DNAPL		19.7	LNAPL				
			22.5	30	NOI		10.7					
H7D	1999538.19	592413.59	0	1	staining/odor							
			1	18	Coated, Blebs, DNAPL		154					
			18	30	NOI		20.2					
H8A	1999511.61	592413.50	0	30	NOI	7.3	10.4					
H9B	1999461.60	592438.50	0	30	NOI	13						
H10C	1999386.60	592438.50	0	40	NOI	22	2.4		1	4.477	0.083	ND
									23	0.026	ND	ND
I7A	1999567.90	592454.80	0	30	NOI	15	9.8					
TW-701	1999516.86	592469.52	0	20	NOI	13	0.2					
TW-702	1999487.00	592338.61	0	5	NOI				1	ND	ND	0.27
			5	12	staining/odor		129					
			12	13	Coated, Blebs, DNAPL			Both				
			13	20	NOI		30					

Notes:
See Table 3.1 for general table notes

Table 3.3: Railroad Borings Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Analytical Results			
						Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
DP-801	2000547.78	591537.28	0	13	NOI				
			13	13.5	Coated				
			13.5	15	sheen/odor				
			15	25	NOI	15	1.585	ND	ND
DP-802	2000529.90	591558.63	0	25	NOI				
DP-803	2000513.97	591575.14	0	25	NOI	8	ND	ND	ND
DP-804	2000481.28	591623.06	0	23	NOI	12	ND	ND	ND
DP-805	2000451.61	591652.98	0	20	NOI				
DP-806	2000414.37	591688.66	0	20	NOI	8	ND	ND	ND
DP-807	2000376.70	591722.97	0	25	NOI				
DP-808	2000337.25	591755.09	0	25	NOI	8	ND	ND	ND
DP-809	2000299.79	591785.85	0	25	NOI				
DP-810	2000260.12	591815.63	0	18	NOI	8	ND	ND	ND
DP-811	2000216.85	591843.00	0	20	NOI				
DP-812	2000173.60	591869.08	0	20	NOI	9	ND	ND	ND
DP-813	2000126.73	591895.96	0	20	NOI				
DP-814	2000084.28	591916.54	0	20	NOI	8	ND	ND	ND
DP-815	2000039.09	591937.38	0	20	NOI				
DP-816	1999993.15	591958.21	0	20	NOI				
DP-817	1999958.02	591972.59	0	25	NOI	8	6.61	6.2	ND
DP-818	1999946.53	591977.16	0	10	NOI				
			10	12	sheen/odor	12	2.515	ND	ND
			12	25	NOI				
DP-819	1999900.73	591995.31	0	25	NOI				
DP-820	1999854.62	592015.83	0	20	NOI				
DP-821	1999808.15	592033.67	0	20	NOI	9	ND	ND	ND
DP-822	1999762.61	592052.81	0	20	NOI				
DP-823	1999717.01	592071.97	0	20	NOI	8	0.43	ND	ND
DP-824	1999666.27	592093.36	0	25	NOI				
DP-825	1999629.58	592111.95	0	25	NOI	12	ND	ND	ND
DP-826	1999567.13	592136.01	0	25	NOI				

Table 3.3: Railroad Borings Summary of Findings

Sample Location ID	Northing	Easting	Top Depth (ft bgs)	Bottom Depth (ft bgs)	Visual MGP Description Type	Analytical Results			
						Sample Depth (ft bgs)	Total PAH (mg/kg)	Naphthalene (mg/kg)	Total BTEX (mg/kg)
DP-827	1999519.57	592155.41	0	25	NOI	12	ND	ND	ND
DP-828	1999485.85	592172.87	0	25	NOI				
DP-829	1999436.39	592185.77	0	20	NOI	12	ND	ND	ND
DP-830	1999385.61	592207.48	0	20	NOI				
DP-831	1999337.88	592220.01	0	20	NOI	7	ND	ND	ND
DP-832	1999949.55	591962.59	0	25	NOI	18	ND	ND	ND
DP-833	1999940.67	591966.64	0	10	NOI				
			10	10.5	Coated				
			10.5	25	NOI	12	ND	ND	0.023
DP-834	1999928.13	591971.82	0	25	NOI	12			

Notes:
See Table 3.1 for general table notes

Table 3.4: Concentrations of BTEXs and PAHs in Soils

			Location	DP-B5A		DP-D10A		DP-E11D		DP-E11D		DP-G12B		DP-G12B		DP-G4A	
			Sample Date	9/26/2019		9/26/2019		9/25/2019		9/25/2019		9/26/2019		9/26/2019		9/24/2019	
			Sample ID	DP-B5A010		DP-D10A010		DP-E11D010		DP-E11D150		DP-G12B010		DP-G12B170		DP-G4A110	
			Sample Depth (ft bgs)	1		1		1		15		1		17		11	
			Qc Code	FS		FS		FS		FS		FS		FS		FS	
Parameter	**RRES**	**COM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX																	
Benzene	4.8	44	mg/kg	0.14	U	**0.17**		0.12	U	0.046	U	0.078	U	0.059	U	0.049	U
Ethylbenzene	41	390	mg/kg	0.14	U	0.14	U	0.12	U	**0.015**	J	0.078	U	0.059	U	0.049	U
Toluene	100	500	mg/kg	0.14	U	**0.23**		0.12	U	**0.032**	J	0.078	U	0.059	U	0.049	U
Total BTEX	10	10	mg/kg	0.27	U	**0.51**		0.23	U	**0.11**		0.16	U	0.12	U	0.098	U
Xylene, o	100	500	mg/kg	0.14	U	**0.024**	J	0.12	U	**0.024**	J	0.078	U	0.059	U	0.049	U
Xylenes (m&p)	100	500	mg/kg	0.27	U	**0.086**	J	0.23	U	**0.038**	J	0.16	U	0.12	U	0.098	U
Xylenes, Total	100	500	mg/kg	0.27	U	**0.11**	J	0.23	U	**0.062**	J	0.16	U	0.12	U	0.098	U
PAHs																	
Acenaphthene	100	500	mg/kg	0.21	U	**1**	J	0.18	U	0.2	U	1.8	U	0.19	U	0.17	U
Acenaphthylene	100	500	mg/kg	**0.18**	J	**33**		**0.091**	J	0.2	U	**0.71**	J	0.19	U	0.17	U
Anthracene	100	500	mg/kg	**0.11**	J	**14**		0.18	U	0.2	U	1.8	U	0.19	U	0.17	U
Benzo(a)anthracene	1	5.6	mg/kg	**0.49**		**66**		**0.21**		0.2	U	**0.78**	J	0.19	U	0.17	U
Benzo(a)pyrene	1	1	mg/kg	**0.39**		**59**		**0.14**	J	0.2	U	**0.75**	J	0.19	U	0.17	U
Benzo(b)fluoranthene	1	5.6	mg/kg	**0.53**		**66**		**0.29**		0.2	U	**0.87**	J	0.19	U	0.17	U
Benzo(ghi)perylene	100	500	mg/kg	**0.21**		**44**		**0.2**		0.2	U	**0.55**	J	0.19	U	0.17	U
Benzo(k)fluoranthene	3.9	56	mg/kg	**0.32**		**33**		**0.13**	J	0.2	U	**0.37**	J	0.19	U	0.17	U
Chrysene	3.9	56	mg/kg	**0.56**		**78**		**0.32**		0.2	U	**0.68**	J	0.19	U	0.17	U
Dibenz(a,h)anthracene	0.33	0.56	mg/kg	0.21	U	**11**		0.18	U	0.2	U	1.8	U	0.19	U	0.17	U
Fluoranthene	100	500	mg/kg	**0.64**		**130**		**0.48**		**0.034**	J	**1.4**	J	**0.035**	J	0.17	U
Fluorene	100	500	mg/kg	0.21	U	**7.6**		0.18	U	0.2	U	**0.32**	J	0.19	U	0.17	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	**0.22**		**35**		**0.15**	J	0.2	U	**0.55**	J	0.19	U	0.17	U
Naphthalene	100	500	mg/kg	0.21	U	**1.1**	J	**0.04**	J	0.2	U	**0.77**	J	0.19	U	0.17	U
Phenanthrene	100	500	mg/kg	**0.16**	J	**110**		**0.49**		**0.055**	J	**1.5**	J	**0.063**	J	0.17	U
Pyrene	100	500	mg/kg	**0.63**		**200**		**0.81**		**0.058**	J	**1.5**	J	**0.041**	J	0.17	U
Total PAHs	500	500	mg/kg	**4.44**		**888.7**		**3.351**		**0.147**		**10.75**		**0.139**		0.17	U

Notes:
See Table 3.1 for general table notes

Table 3.4: Concentrations of BTEXs and PAHs in Soils

			Location	DP-G5B		DP-G5B		DP-H10C		DP-H10C		DP-H6D		DP-I8A		HA-H3D	
			Sample Date	9/23/2019		9/24/2019		9/26/2019		9/26/2019		9/24/2019		9/23/2019		9/17/2019	
			Sample ID	DP-G5B010		DP-G5B110		DP-H10C010		DP-H10C230		DP-H6A100		DP-I8A010		HA-H3D01	
			Sample Depth (ft bgs)	1		11		1		23		10		1		1	
			Qc Code	FS		FS		FS		FS		FS		FS		FS	
Parameter	**RRES**	**COM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX																	
Benzene	4.8	44	mg/kg	0.044	U	0.046	U	0.098	U	0.06	U	0.061	U	**0.14**		0.091	UJ
Ethylbenzene	41	390	mg/kg	0.044	U	0.046	U	0.098	U	0.06	U	0.061	U	0.047	U	0.091	UJ
Toluene	100	500	mg/kg	0.044	U	0.046	U	0.098	U	0.06	U	0.061	U	**0.13**		0.091	UJ
Total BTEX	10	10	mg/kg	0.088	U	0.092	U	0.2	U	0.12	U	0.12	U	**0.27**		0.18	UJ
Xylene, o	100	500	mg/kg	0.044	U	0.046	U	0.098	U	0.06	U	0.061	U	0.047	U	0.091	UJ
Xylenes (m&p)	100	500	mg/kg	0.088	U	0.092	U	0.2	U	0.12	U	0.12	U	0.095	U	0.18	UJ
Xylenes, Total	100	500	mg/kg	0.088	U	0.092	U	0.2	U	0.12	U	0.12	U	0.095	U	0.18	UJ
PAHs																	
Acenaphthene	100	500	mg/kg	0.17	U	0.17	U	**0.027**	J	0.18	U	0.17	U	0.17	U	0.19	U
Acenaphthylene	100	500	mg/kg	0.17	U	0.17	U	**0.073**	J	0.18	U	0.17	U	0.17	U	**0.049**	J
Anthracene	100	500	mg/kg	0.17	U	0.17	U	**0.08**	J	0.18	U	0.17	U	0.17	U	0.19	U
Benzo(a)anthracene	1	5.6	mg/kg	0.17	U	**0.017**	J	**0.46**		0.18	U	0.17	U	0.17	U	**0.037**	J
Benzo(a)pyrene	1	1	mg/kg	0.17	U	0.17	U	**0.51**		0.18	U	0.17	U	0.17	U	**0.048**	J
Benzo(b)fluoranthene	1	5.6	mg/kg	0.17	U	0.17	U	**0.56**		0.18	U	0.17	U	0.17	U	**0.066**	J
Benzo(ghi)perylene	100	500	mg/kg	**0.02**	J	0.17	U	**0.3**		0.18	U	0.17	U	0.17	U	**0.053**	J
Benzo(k)fluoranthene	3.9	56	mg/kg	0.17	U	0.17	U	**0.3**		0.18	U	0.17	U	0.17	U	0.19	U
Chrysene	3.9	56	mg/kg	0.17	U	0.17	U	**0.42**		0.18	U	0.17	U	0.17	U	**0.048**	J
Dibenz(a,h)anthracene	0.33	0.56	mg/kg	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.17	U	0.19	U
Fluoranthene	100	500	mg/kg	0.17	U	**0.024**	J	**0.54**		0.18	U	0.17	U	0.17	U	**0.066**	J
Fluorene	100	500	mg/kg	0.17	U	0.17	U	**0.034**	J	0.18	U	0.17	U	0.17	U	**0.024**	J
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	0.17	U	0.17	U	**0.29**		0.18	U	0.17	U	0.17	U	**0.042**	J
Naphthalene	100	500	mg/kg	0.17	U	0.17	U	**0.083**	J	0.18	U	0.17	U	0.17	U	0.19	U
Phenanthrene	100	500	mg/kg	0.17	U	**0.049**	J	**0.19**		0.18	U	0.17	U	0.17	U	**0.088**	J
Pyrene	100	500	mg/kg	0.17	U	**0.032**	J	**0.61**		**0.026**	J	0.17	U	0.17	U	**0.092**	J
Total PAHs	500	500	mg/kg	**0.02**		**0.122**		**4.477**		**0.026**		0.17	U	0.17	U	**0.613**	

Notes:
See Table 3.1 for general table notes

Table 3.4: Concentrations of BTEXs and PAHs in Soils

			Location	HA-J2C		TP-C3D		TP-D3D		TP-D3D	
			Sample Date	9/17/2019		9/16/2019		9/16/2019		9/16/2019	
			Sample ID	HA-J2C01		TP-C3D03		TP-D3D04		TP-D3D04D	
			Sample Depth (ft bgs)	1		3		4		4	
			Qc Code	FS		FS		FS		FD	
Parameter	**RRES**	**COM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX											
Benzene	4.8	44	mg/kg	0.044	UJ	0.48	UJ	0.1	UJ	0.2	UJ
Ethylbenzene	41	390	mg/kg	0.044	UJ	0.48	UJ	0.1	UJ	0.2	UJ
Toluene	100	500	mg/kg	0.044	UJ	0.48	UJ	0.1	UJ	0.2	UJ
Total BTEX	10	10	mg/kg	0.087	UJ	0.95	UJ	0.2	UJ	0.4	UJ
Xylene, o	100	500	mg/kg	0.044	UJ	0.48	UJ	0.1	UJ	0.2	UJ
Xylenes (m&p)	100	500	mg/kg	0.087	UJ	0.95	UJ	0.2	UJ	0.4	UJ
Xylenes, Total	100	500	mg/kg	0.087	UJ	0.95	UJ	0.2	UJ	0.4	UJ
PAHs											
Acenaphthene	100	500	mg/kg	0.17	U	**24**		**0.06**	J	**0.09**	J
Acenaphthylene	100	500	mg/kg	0.17	U	**79**		**0.27**		**0.6**	
Anthracene	100	500	mg/kg	0.17	U	**56**		**0.83**		**2**	
Benzo(a)anthracene	1	5.6	mg/kg	0.17	U	**27**		**0.71**		**1.6**	
Benzo(a)pyrene	1	1	mg/kg	0.17	U	**23**		**0.71**		**1.4**	
Benzo(b)fluoranthene	1	5.6	mg/kg	0.17	U	**23**		**0.6**		**1.1**	
Benzo(ghi)perylene	100	500	mg/kg	**0.022**	J	**12**		**0.39**		**0.79**	
Benzo(k)fluoranthene	3.9	56	mg/kg	0.17	U	4.2	U	**0.15**	J	**0.4**	
Chrysene	3.9	56	mg/kg	0.17	U	**26**		**0.64**		**1.3**	
Dibenz(a,h)anthracene	0.33	0.56	mg/kg	0.17	U	**2.2**	J	0.2	U	0.21	U
Fluoranthene	100	500	mg/kg	0.17	U	**63**		**1.4**		**3**	
Fluorene	100	500	mg/kg	0.17	U	**59**		**0.31**		**0.68**	
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	0.17	U	**8.2**		**0.26**		**0.53**	
Naphthalene	100	500	mg/kg	0.17	U	**40**		0.2	U	0.21	U
Phenanthrene	100	500	mg/kg	0.17	U	**190**		**2**		**4.2**	
Pyrene	100	500	mg/kg	**0.026**	J	**91**		**2.4**		**4.8**	
Total PAHs	500	500	mg/kg	**0.048**		**723.4**		**10.73**		**22.49**	

Notes:
See Table 3.1 for general table notes

Table 3.5: OU02 Railroad Boring Soil Sample Detections

			Location	DP-801		DP-803		DP-804		DP-806		DP-808		DP-810		DP-812		DP-814		DP-817	
			Sample Depth (ft bgs)	15		8		12		8		8		8		9		8		9	
			Sample Date	11/4/2019		11/4/2019		11/5/2019		11/5/2019		11/5/2019		11/5/2019		11/5/2019		11/6/2019		11/6/2019	
			Sample ID	DP-80115		DP-80308		DP-80412		DP-80608		DP-80808		DP-81008		DP-81209		DP-81408		DP-81709	
	SCO		Qc Code	FS		FS		FS		FS		FS		FS		FS		FS		FS	
Parameter	**RESTR**	**COMM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX																					
Ethylbenzene	41	390	mg/kg	0.037	U	0.035	U	0.19	U	0.038	U	0.46	U	0.038	U	0.041	U	0.33	U	0.16	U
Total BTEX	10	10	mg/kg	0.074	U	0.07	U	0.38	U	0.075	U	0.91	U	0.076	U	0.082	U	0.66	U	0.32	U
PAHs																					
Acenaphthene	100	500	mg/kg	**0.11**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	**0.41**	J
Anthracene	100	500	mg/kg	**0.14**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Benzo(a)anthracene	1	5.6	mg/kg	**0.06**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Benzo(a)pyrene	1	1	mg/kg	**0.037**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Benzo(b)fluoranthene	1	5.6	mg/kg	**0.045**	JN	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Benzo(ghi)perylene	100	500	mg/kg	**0.026**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Benzo(k)fluoranthene	3.9	56	mg/kg	0.17	U	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Chrysene	3.9	56	mg/kg	**0.052**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Fluoranthene	100	500	mg/kg	**0.21**		0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Fluorene	100	500	mg/kg	**0.075**	J	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	0.17	U	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Naphthalene	100	500	mg/kg	0.17	U	0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	**6.2**	
Phenanthrene	100	500	mg/kg	**0.5**		0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Pyrene	100	500	mg/kg	**0.33**		0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.83	U
Total PAH	500	500	mg/kg	**1.585**		0.17	U	0.84	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	**6.61**	

Notes:
See Table 3.1 for general table notes

Table 3.5: OU02 Railroad Boring Soil Sample Detections

			Location	DP-818		DP-821		DP-823		DP-825		DP-827		DP-829		DP-831		DP-832		DP-833		DP-834	
			Sample Depth (ft bgs)	12		9		8		12		12		12		7		18		12		12	
			Sample Date	11/6/2019		11/6/2019		11/6/2019		11/8/2019		11/7/2019		11/7/2019		11/7/2019		11/8/2019		11/8/2019		11/8/2019	
			Sample ID	DP-81812		DP- 82109		DP- 82308		DP- 82512		DP- 82712		DP- 82912		DP- 83107		DP- 83218		DP- 83312		DP- 83412	
	SCO		Qc Code	FS		FS		FS		FS		FS		FS		FS		FS		FS		FS	
Parameter	**RESTR**	**COMM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX																							
Ethylbenzene	41	390	mg/kg	0.036	U	0.055	U	0.059	U	0.051	U	0.059	U	0.043	U	0.061	U	0.055	U	**0.023**	J	0.055	U
Total BTEX	10	10	mg/kg	0.072	U	0.11	U	0.12	U	0.1	U	0.12	U	0.087	U	0.12	U	0.11	U	**0.023**	J	0.11	U
PAHs																							
Acenaphthene	100	500	mg/kg	**0.25**		0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Anthracene	100	500	mg/kg	**0.2**		0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(a)anthracene	1	5.6	mg/kg	**0.11**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(a)pyrene	1	1	mg/kg	**0.084**	J	0.2	U	**0.043**	J	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(b)fluoranthene	1	5.6	mg/kg	**0.063**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(ghi)perylene	100	500	mg/kg	**0.048**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Benzo(k)fluoranthene	3.9	56	mg/kg	**0.026**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Chrysene	3.9	56	mg/kg	**0.083**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Fluoranthene	100	500	mg/kg	**0.21**		0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Fluorene	100	500	mg/kg	**0.16**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	**0.031**	J	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Naphthalene	100	500	mg/kg	0.17	U	0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Phenanthrene	100	500	mg/kg	**0.82**		0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Pyrene	100	500	mg/kg	**0.43**		0.2	U	0.2	U	0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U
Total PAH	500	500	mg/kg	**2.515**		0.2	U	**0.043**		0.19	U	0.2	U	0.18	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:
See Table 3.1 for general table notes

Table 3.6: Total Cyanide in Soils

Location ID	Sample Depth (ft bgs)	Sample ID	QC Code	Parameter / Units / RRES / COM / Sample Date	Cyanide, Total mg/kg 27 27 Result	Qualifier
2019 OU-1 PDI Samples						
DP-E7D	12	DP-E7D120	FS	9/23/2019	1.2	U
DP-F9D	16	DP-F9D160	FS	9/23/2019	1.2	U
DP-G7D	20	DP-G7D200	FS	9/23/2019	1.2	U
DP-G8D	6	DP-G8D060	FS	9/23/2019	**3.6**	
DP-G8D	10	DP-G8D100	FS	9/23/2019	**0.75**	J
TP-B3D	3	TP-B3D030	FS	9/23/2019	1.4	U
TW-702	7	TW-702070	FS	9/25/2019	**1.1**	J
TW-702	12	TW-702120	FS	9/25/2019	1.2	U
2013 RI and 2007 SC Samples						
C-3	6.5 - 7.2	516008-C307	FS	8/10/2013	1	UJ
C-4	6.8 - 8	516008-C408	FS	8/8/2013	1.2	UJ
C-4	6.8 - 8	516008-C408D	FD	8/8/2013	1.2	UJ
D-5	15 - 16	516008-D516	FS	8/8/2013	**0.99**	J
D-6	11 - 12	516008-D612	FS	8/8/2013	1.2	UJ
D-7	12.5 - 13	516008-D712	FS	8/7/2013	1.2	UJ
D-9	7.8 - 8	516008-D908	FS	8/6/2013	1.2	UJ
D-9	10.7 - 11	516008-D911	FS	8/6/2013	1.2	UJ
E-4	1.4 - 1.7	516008-E402	FS	8/12/2013	**62.8**	J
E-5	15 - 16	516008-E516	FS	8/8/2013	1.2	UJ
E-6	1.5 - 2	516008-E602	FS	8/8/2013	**7.5**	J
E-6	10.4 - 12	516008-E612	FS	8/8/2013	1.2	UJ
E-9	2.6 - 3	516008-E903	FS	8/6/2013	1.3	UJ
F-2	5.9 - 6.4	516880-F206	FS	8/9/2013	0.99	UJ
F-3	6.5 - 7	516880-F307	FS	8/12/2013	1	UJ
F-6	1.5 - 2	516880-F602	FS	8/10/2013	**2.6**	J
F-6	4.6 - 5.4	516880-F605	FS	8/10/2013	1	UJ
F-6	9.6 - 9.9	516880-F610	FS	8/10/2013	0.99	UJ
F-7	15.5 - 16	516880-F716	FS	8/7/2013	1.2	UJ
F-8	3.5 - 4	516880-F804	FS	8/6/2013	1.4	UJ
F-9	3 - 3.8	516880-F903	FS	8/6/2013	1.4	UJ
G-8	5.2 - 6	516008-G806	FS	8/7/2013	**1.3**	J
G-8	13.6 - 14.2	516008-G814	FS	8/7/2013	1.2	UJ
G-10	6.5 - 7	516008-G1007	FS	8/12/2013	1	UJ
G-10	14.7 - 15.2	516008-G1015	FS	8/12/2013	1	UJ
GS-05	3	SLGS00503SCXX	FS	5/1/2007	**1.7**	
GS-06	7	SLGS00607SCXX	FS	5/1/2007	1.2	U
TP-04	6	SLTP00406SCXD	FD	4/30/2007	**423**	
TP-04	6	SLTP00406SCXX	FS	4/30/2007	0.99	U
TP-05	2	SLTP00502SCXX	FS	4/30/2007	**12.9**	

Notes:
See Table 3.1 for general table notes

Table 3.7: ISS Soil Samples and Soil Waste Disposal Pre-Characterization Results

			Location	OU01 CENTRAL DEEP		OU01 CENTRAL SHALLOW		OU01 NORTH	
			Sample Date	9/20/2019		9/20/2019		9/17/2019	
			Sample ID	516008-OU01 CENTRAL DEEP		516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
			Sample Depth (ft bgs)	10 - 30		0 - 10		0 - 6	
			Qc Code	FS		FS		FS	
Parameter	**RRES**	**COM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX									
Benzene	4.8	44	mg/kg	**71**		**4.3**		0.45	UJ
Ethylbenzene	41	390	mg/kg	**31**		**23**		0.45	UJ
Toluene	100	500	mg/kg	**130**		**33**		0.45	UJ
Total BTEX	10	10	mg/kg	**390**		**110**		0.9	UJ
Xylene, o	100	500	mg/kg	**51**		**17**		0.45	UJ
Xylenes (m&p)	100	500	mg/kg	**110**		**37**		0.9	UJ
Xylenes, Total	100	500	mg/kg	**160**		**54**		0.9	UJ
Polycyclic Aromatic Hydrocarbons (PAHs)									
Acenaphthene	100	500	mg/kg	**12**		**28**		**7.9**	
Acenaphthylene	100	500	mg/kg	**100**		**250**		**8.5**	
Anthracene	100	500	mg/kg	**36**		**73**		**10**	
Benzo(a)anthracene	1	5.6	mg/kg	**23**		**52**		**5.2**	
Benzo(a)pyrene	1	1	mg/kg	**22**		**52**		**4.6**	
Benzo(b)fluoranthene	1	5.6	mg/kg	**16**		**40**		**3.3**	
Benzo(ghi)perylene	100	500	mg/kg	**13**		**33**		**2.4**	
Benzo(k)fluoranthene	3.9	56	mg/kg	**7.8**		**19**		**1.6**	
Chrysene	3.9	56	mg/kg	**21**		**45**		**4.8**	
Dibenz(a,h)anthracene	0.33	0.56	mg/kg	**2.4**		**5.6**		1.1	U
Fluoranthene	100	500	mg/kg	**53**		**120**		**12**	
Fluorene	100	500	mg/kg	**48**		**100**		**10**	
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	**7.8**		**21**		**1.5**	
Naphthalene	100	500	mg/kg	**180**		**320**		**0.3**	J
Phenanthrene	100	500	mg/kg	**160**		**360**		**28**	
Pyrene	100	500	mg/kg	**93**		**230**		**17**	
Total PAHs	500	500	mg/kg	**795**		**1748.6**		**117.1**	
TCLP Volatile Organic Compounds (VOCs)									
1,1-Dichloroethene	NS	NS	mg/L			0.01	U	0.01	U
1,2-Dichloroethane	NS	NS	mg/L			0.01	U	0.01	UJ
2-Butanone	NS	NS	mg/L			0.05	U	0.05	U
Benzene	NS	NS	mg/L			**0.097**		0.01	U
Carbon tetrachloride	NS	NS	mg/L			0.01	U	0.01	U
Chlorobenzene	NS	NS	mg/L			0.01	U	0.01	U
Chloroform	NS	NS	mg/L			0.01	U	0.01	U
Tetrachloroethene	NS	NS	mg/L			0.01	U	0.01	U
Trichloroethene	NS	NS	mg/L			0.01	U	0.01	U
Vinyl chloride	NS	NS	mg/L			0.01	U	0.01	U
TCLP Semi-Volatile Organic Compounds (SVOCs)									
1,4-Dichlorobenzene	NS	NS	mg/L			0.4	U	0.04	U
2,4,5-Trichlorophenol	NS	NS	mg/L			0.2	U	0.02	U
2,4,6-Trichlorophenol	NS	NS	mg/L			0.2	U	0.02	U
2,4-Dinitrotoluene	NS	NS	mg/L			0.2	U	0.02	U
2-Methylphenol	NS	NS	mg/L			0.2	U	0.02	U
3-Methylphenol	NS	NS	mg/L			0.4	U	0.04	U
4-Methylphenol	NS	NS	mg/L			0.4	U	0.04	U
Hexachlorobenzene	NS	NS	mg/L			0.2	U	0.02	U
Hexachlorobutadiene	NS	NS	mg/L			0.2	U	0.02	U
Hexachloroethane	NS	NS	mg/L			0.2	U	0.02	U
Nitrobenzene	NS	NS	mg/L			0.2	U	0.02	U
Pentachlorophenol	NS	NS	mg/L			0.4	U	0.04	U
Pyridine	NS	NS	mg/L			1	UJ	0.1	UJ

Table 3.7: ISS Soil Samples and Soil Waste Disposal Pre-Characterization Results

			Location	OU01 CENTRAL DEEP		OU01 CENTRAL SHALLOW		OU01 NORTH	
			Sample Date	9/20/2019		9/20/2019		9/17/2019	
			Sample ID	516008-OU01 CENTRAL DEEP		516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
			Sample Depth (ft bgs)	10 - 30		0 - 10		0 - 6	
			Qc Code	FS		FS		FS	
Parameter	**RRES**	**COM**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
Polychlorinated Biphenyls (PCBs)									
Aroclor-1016	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1221	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1232	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1242	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1248	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1254	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1260	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1262	1	1	mg/kg			0.25	U	0.26	U
Aroclor-1268	1	1	mg/kg			0.25	U	0.26	U
PCB (total)	1	1	mg/kg			0.25	U	0.26	U
TCLP Pesticides									
Chlordane	NS	NS	mg/L			0.002	U	0.002	U
Endrin	NS	NS	mg/L			0.0002	U	0.0002	U
Gamma-BHC/Lindane	NS	NS	mg/L			0.0002	U	0.0002	U
Heptachlor	NS	NS	mg/L			**0.00004**	J	0.0002	U
Heptachlor epoxide	NS	NS	mg/L			0.0002	U	0.0002	U
Methoxychlor	NS	NS	mg/L			0.0002	U	0.0002	U
Toxaphene	NS	NS	mg/L			0.002	U	0.002	U
TCLP Herbicides									
2,4,5-TP/Silvex	NS	NS	mg/L			0.002	U	0.002	U
2,4-D	NS	NS	mg/L			0.002	U	0.002	U
TCLP Metals									
Arsenic	NS	NS	mg/L			0.015	U	0.015	U
Barium	NS	NS	mg/L			**0.17**	J	**0.18**	J
Cadmium	NS	NS	mg/L			0.002	U	0.002	U
Chromium	NS	NS	mg/L			0.02	U	0.02	U
Lead	NS	NS	mg/L			**0.0065**	J	**0.0062**	J
Mercury	NS	NS	mg/L			0.0002	U	0.0002	U
Selenium	NS	NS	mg/L			0.025	U	0.025	U
Silver	NS	NS	mg/L			0.006	U	0.006	U
Inorganic or Field Parameters									
pH	NS	NS	pH Units	**4.7**	J	**4.9**	J	**6**	J
Sulfide	NS	NS	mg/kg	23.6	U	22.8	U	25.2	U
Temperature	NS	NS	°C	**19.9**	J	**20**	J	**20.2**	J
Total Organic Carbon	NS	NS	mg/kg	**4880**		**10700**		**7930**	
RCRA									
Cyanide, Reactive	NS	NS	mg/kg			10	U	10	U
Flash Point	NS	NS	°F			**176**		**176**	
Sulfide, Reactive	NS	NS	mg/kg			10	U	10	U
Moisture/Solids									
Percent Moisture	NS	NS	Percent	**15.3**		**12.4**		**20.8**	
Percent Solids	NS	NS	Percent	**84.7**		**87.6**		**79.2**	

Notes:
°C - degrees Celcius
°F - degrees Fahrenheit

Table 3.8: Summary of BTEX and PAHs Detected in Groundwater

			Location	MW-108		MW-204		MW-205D		MW-205D	
			Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019	
			Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D	
			Qc Code	FS		FS		FS		FD	
Parameter	**GA**	**GV**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BTEX											
Benzene	1	NS	µg/L	1	U	**23**		**410**		**500**	
Ethylbenzene	5	NS	µg/L	1	U	**83**		**91**		**110**	
Toluene	5	NS	µg/L	1	U	**190**		**97**		**120**	
Total BTEX	NS	NS	µg/L	2	U	**590**		**880**		**1100**	
Xylene, o	5	NS	µg/L	1	U	**130**		**160**		**190**	
Xylenes (m&p)	5	NS	µg/L	2	U	**160**		**120**		**130**	
Xylenes, Total	5	NS	µg/L	2	U	**290**		**280**		**320**	
PAHs											
Acenaphthene	NS	20	µg/L	5	U	**6.7**	J	**41**		**38**	J
Acenaphthylene	NS	NS	µg/L	5	U	**49**		**130**		**130**	
Anthracene	NS	50	µg/L	5	U	**2.3**	J	**2.8**	J	130	U
Fluorene	NS	50	µg/L	5	U	**12**	J	**20**	J	**21**	J
Naphthalene	NS	10	µg/L	**1.1**	J	**490**		**2100**		**2000**	
Phenanthrene	NS	50	µg/L	5	U	**11**	J	**20**	J	**20**	J
Total PAHs	NS	NS	µg/L	**1.1**		**571**		**2313.8**		**2209**	

Notes:
See Table 3.1 for general table notes

Table 3.9: Emerging Contaminant Concentrations in Groundwater

		Location	MW-108		MW-204		MW-205D		MW-205D		TW-702	
		Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019	
		Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D		516008-TW702015	
		Qc Code	FS		FS		FS		FD		FS	
Parameter	**MCL**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,4-Dioxane												
1,4-Dioxane	1	µg/L	0.2	U	0.2	U	0.2	U	0.2	U	6.7	U
PFAS												
Perfluorobutanoic acid (PFBA)	NS	ng/L	1.9	U	**9.5**		1.9	U	1.9	U	140	U
Perfluoroheptanoic acid (PFHpA)	NS	ng/L	1.9	U	1.9	U	**0.6**	J	**0.61**	J	1.9	U
Perfluorohexanoic acid (PFHxA)	NS	ng/L	1.9	U	1.9	U	1.9	U	**0.73**	J	1.9	U
Perfluorononanoic acid (PFNA)	NS	ng/L	1.9	U	1.9	U	1.9	U	**0.3**	J	**0.29**	J
Perfluorooctanessulfonic acid (PFOS)	10	ng/L	**0.74**	J	1.9	U	**0.86**	J	1.9	U	1.9	U
Perfluorooctanoic acid (PFOA)	10	ng/L	1.9	U	**1.1**	J	**1.9**		**2.3**		**2.3**	
Perfluoropentanoic acid (PFPeA)	NS	ng/L	1.9	U	1.9	U	1.9	UJ	**2.9**	J	1.9	U
Perfluroroctanesulfonamide (FOSA)	NS	ng/L	1.9	U	1.9	U	**1.9**	J	1.9	UJ	1.9	U

Notes:
See Table 3.1 for general table notes

Table 3.10: Naphthalene Concentrations in Pore Water

			Parameter	Naphthalene	
			Units	µg/L	
			GA	NS	
Location ID	**Sample ID**	**QC Code**	**GV** / **Sample Date**	10 Result	Qualifier
PP-701	PP-701	FS	9/25/2019	1	U
PP-702	PP-702	FS	9/25/2019	1	U
PP-703	PP-703	FS	9/25/2019	1	U
PP-704	PP-704	FS	9/25/2019	1	U
PP-705	PP-705	FS	9/25/2019	1	U
PP-706	PP-706	FS	9/25/2019	1	U

Notes:
See Table 3.1 for general table notes

Table 3.11: Groundwater Pretreatment and Hydrant Sampling Results

	Location	TP-H8A		Hydrant	
	Sample Date	9/18/2019		9/25/2019	
	Sample ID	516008-OU01 WATER		516008-HYDRANT	
	Qc Code	FS		FS	
Parameter	**Units**	Result	Qualifier	Result	Qualifier
Volatile Organic Compounds (VOCs)					
1,1,1-Trichloroethane	µg/L	1	U		
1,1,2,2-Tetrachloroethane	µg/L	1	U		
1,1,2-Trichloro-1,2,2-Trifluoroethane	µg/L	1	U		
1,1,2-Trichloroethane	µg/L	1	U		
1,1-Dichloroethane	µg/L	1	U		
1,1-Dichloroethene	µg/L	1	U		
1,2,3-Trichlorobenzene	µg/L	1	U		
1,2,4-Trichlorobenzene	µg/L	1	U		
1,2-Dibromo-3-chloropropane	µg/L	**0.63**	J		
1,2-Dibromoethane	µg/L	1	U		
1,2-Dichlorobenzene	µg/L	1	U		
1,2-Dichloroethane	µg/L	1	U		
1,2-Dichloropropane	µg/L	1	U		
1,3-Dichlorobenzene	µg/L	1	U		
1,4-Dichlorobenzene	µg/L	1	U		
1,4-Dioxane	µg/L	40	U		
2-Butanone	µg/L	10	U		
2-Hexanone	µg/L	5	U		
4-Methyl-2-pentanone	µg/L	5	U		
Acetic acid, methyl ester	µg/L	2.5	U		
Acetone	µg/L	**8.7**	J		
Benzene	µg/L	**6.5**			
Bromochloromethane	µg/L	1	U		
Bromodichloromethane	µg/L	1	U		
Bromoform	µg/L	1	U		
Bromomethane	µg/L	1	U		
Carbon disulfide	µg/L	1	U		
Carbon tetrachloride	µg/L	1	U		
Chlorobenzene	µg/L	1	U		
Chloroethane	µg/L	1	U		
Chloroform	µg/L	1	U		
Chloromethane	µg/L	1	U		
cis-1,2-Dichloroethene	µg/L	1	U		
cis-1,3-Dichloropropene	µg/L	1	U		
Cyclohexane	µg/L	1	U		
Dibromochloromethane	µg/L	1	U		
Dichlorodifluoromethane	µg/L	1	UJ		
Ethylbenzene	µg/L	**3.5**			
Isopropylbenzene	µg/L	1	U		
Methyl cyclohexane	µg/L	1	U		
Methyl Tertbutyl Ether	µg/L	1	U		
Methylene chloride	µg/L	1	U		
Styrene	µg/L	**8.3**			
Tetrachloroethene	µg/L	1	U		
Toluene	µg/L	**2.2**			
trans-1,2-Dichloroethene	µg/L	1	U		
trans-1,3-Dichloropropene	µg/L	1	U		
Trichloroethene	µg/L	1	U		
Trichlorofluoromethane	µg/L	1	U		
Vinyl chloride	µg/L	1	U		
Xylenes, Total	µg/L	**24**			

Table 3.11: Groundwater Pretreatment and Hydrant Sampling Results

	Location	TP-H8A		Hydrant	
	Sample Date	9/18/2019		9/25/2019	
	Sample ID	516008-OU01 WATER		516008-HYDRANT	
	Qc Code	FS		FS	
Parameter	**Units**	Result	Qualifier	Result	Qualifier
Semi-Volatile Organic Compounds (SVOCs)					
2,2'-Dichlorodiisopropylether	µg/L	50	U		
2,4,5-Trichlorophenol	µg/L	50	U		
2,4,6-Trichlorophenol	µg/L	50	U		
2,4-Dichlorophenol	µg/L	50	U		
2,4-Dimethylphenol	µg/L	50	U		
2,4-Dinitrophenol	µg/L	100	U		
2,4-Dinitrotoluene	µg/L	50	U		
2,6-Dinitrotoluene	µg/L	50	U		
2-Chloronaphthalene	µg/L	50	U		
2-Chlorophenol	µg/L	50	U		
2-Methylnaphthalene	µg/L	**210**			
2-Methylphenol	µg/L	50	U		
2-Nitroaniline	µg/L	100	U		
2-Nitrophenol	µg/L	50	U		
3,3'-Dichlorobenzidine	µg/L	50	U		
3-Nitroaniline	µg/L	100	U		
4,6-Dinitro-2-methylphenol	µg/L	100	U		
4-Bromophenyl phenyl ether	µg/L	50	U		
4-Chloro-3-methylphenol	µg/L	50	U		
4-Chloroaniline	µg/L	50	U		
4-Chlorophenyl phenyl ether	µg/L	50	U		
4-Methylphenol	µg/L	100	U		
4-Nitroaniline	µg/L	100	U		
4-Nitrophenol	µg/L	100	U		
Acenaphthene	µg/L	**15**	J		
Acenaphthylene	µg/L	**160**			
Acetophenone	µg/L	50	U		
Anthracene	µg/L	**18**	J		
Atrazine	µg/L	50	U		
Benzaldehyde	µg/L	50	UJ		
Benzo(a)anthracene	µg/L	**5.3**	J		
Benzo(a)pyrene	µg/L	50	U		
Benzo(b)fluoranthene	µg/L	50	U		
Benzo(ghi)perylene	µg/L	50	U		
Benzo(k)fluoranthene	µg/L	50	U		
Biphenyl	µg/L	**41**	J		
Bis(2-Chloroethoxy)methane	µg/L	50	U		
Bis(2-Chloroethyl)ether	µg/L	50	U		
Bis(2-Ethylhexyl)phthalate	µg/L	50	U		
Butylbenzylphthalate	µg/L	50	U		
Caprolactam	µg/L	50	UJ		
Carbazole	µg/L	50	U		
Chrysene	µg/L	**5.4**	J		
Di-n-butylphthalate	µg/L	50	U		
Di-n-octylphthalate	µg/L	50	U		
Dibenz(a,h)anthracene	µg/L	50	U		
Dibenzofuran	µg/L	**5.4**	J		
Diethylphthalate	µg/L	50	U		
Dimethylphthalate	µg/L	50	U		
Fluoranthene	µg/L	**21**	J		
Fluorene	µg/L	**60**			
Hexachlorobenzene	µg/L	50	U		
Hexachlorobutadiene	µg/L	50	U		
Hexachlorocyclopentadiene	µg/L	50	U		
Hexachloroethane	µg/L	50	U		
Indeno(1,2,3-cd)pyrene	µg/L	50	U		
Isophorone	µg/L	50	U		
N-Nitrosodi-n-propylamine	µg/L	50	U		
N-Nitrosodiphenylamine	µg/L	50	U		

Table 3.11: Groundwater Pretreatment and Hydrant Sampling Results

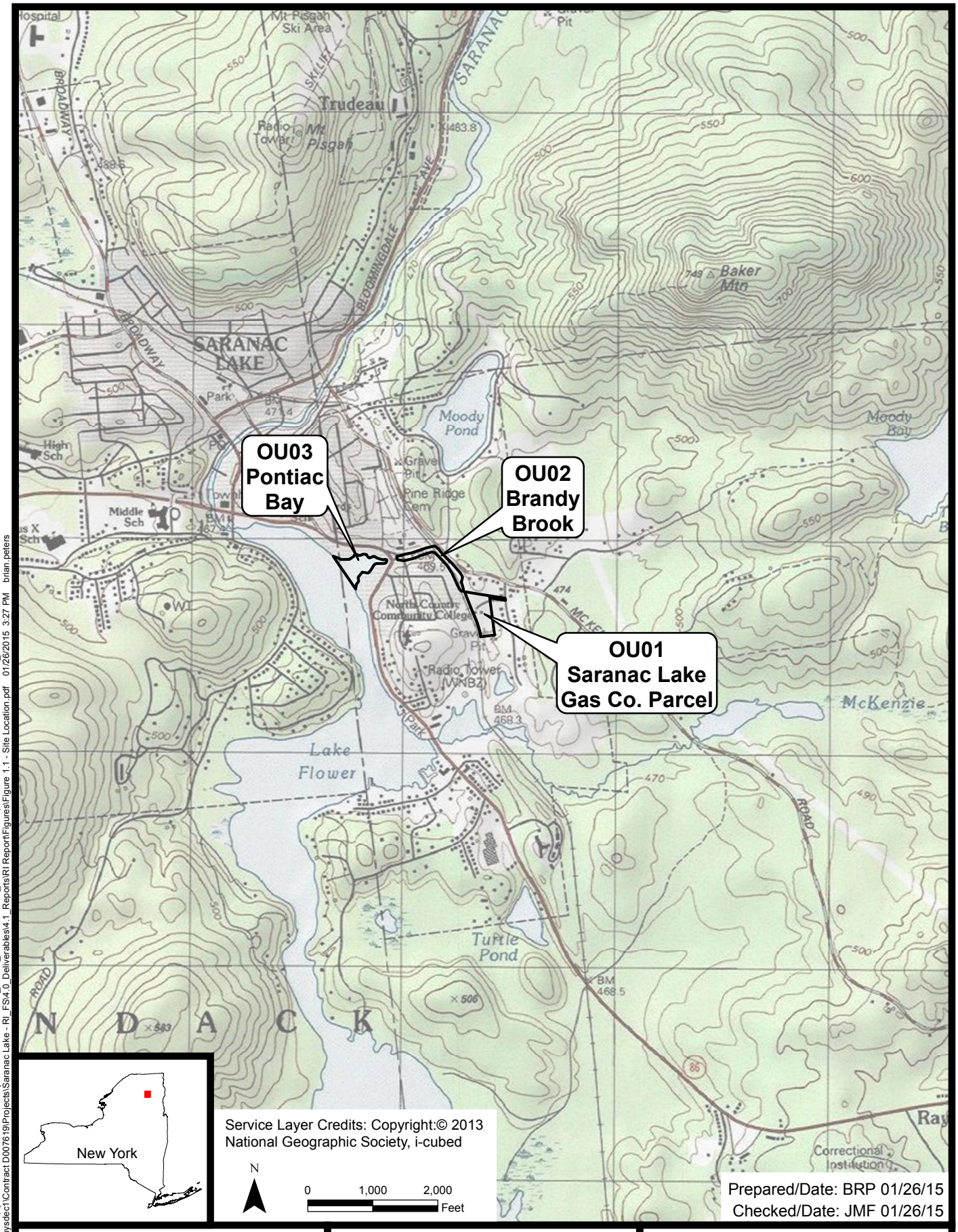
	Location	TP-H8A		Hydrant	
	Sample Date	9/18/2019		9/25/2019	
	Sample ID	516008-OU01 WATER		516008-HYDRANT	
	Qc Code	FS		FS	
Parameter	**Units**	Result	Qualifier	Result	Qualifier
Naphthalene	µg/L	**350**			
Nitrobenzene	µg/L	50	U		
Pentachlorophenol	µg/L	100	UJ		
Phenanthrene	µg/L	**110**			
Phenol	µg/L	50	U		
Pyrene	µg/L	**29**	J		
Polychlorinated Biphenyls (PCBs)					
Aroclor-1016	µg/L	0.06	U		
Aroclor-1221	µg/L	0.06	U		
Aroclor-1232	µg/L	0.06	U		
Aroclor-1242	µg/L	0.06	U		
Aroclor-1248	µg/L	0.06	U		
Aroclor-1254	µg/L	0.06	U		
Aroclor-1260	µg/L	0.06	U		
Aroclor-1262	µg/L	0.06	U		
Aroclor-1268	µg/L	0.06	U		
PCB (total)	µg/L	0.06	U		
Pesticides					
4,4'-DDD	µg/L	**0.26**	J+		
4,4'-DDE	µg/L	0.05	U		
4,4'-DDT	µg/L	0.05	U		
Aldrin	µg/L	**0.026**	J+		
Alpha-BHC	µg/L	**0.99**	J+		
Alpha-Chlordane	µg/L	0.05	U		
Beta-BHC	µg/L	**0.081**	J+		
Delta-BHC	µg/L	0.05	U		
Dieldrin	µg/L	0.05	U		
Endosulfan I	µg/L	0.05	U		
Endosulfan II	µg/L	0.05	U		
Endosulfan sulfate	µg/L	0.05	U		
Endrin	µg/L	0.05	U		
Endrin aldehyde	µg/L	0.05	U		
Endrin ketone	µg/L	0.05	U		
Gamma-BHC/Lindane	µg/L	0.05	U		
Heptachlor	µg/L	**0.044**	J+		
Heptachlor epoxide	µg/L	**0.14**	J+		
Methoxychlor	µg/L	0.05	U		
Toxaphene	µg/L	0.5	U		
Trans-Chlordane (Gamma)	µg/L	0.05	U		
Oil/Grease					
OIL AND GREASE	mg/L	5.2	U		
Total Metals					
Aluminum	mg/L	**14**			
Antimony	mg/L	0.02	U		
Arsenic	mg/L	0.015	U		
Barium	mg/L	**0.14**			
Beryllium	mg/L	**0.00087**	J		
Cadmium	mg/L	**0.0005**	J		
Calcium	mg/L	**97.8**			
Chromium	mg/L	**0.014**			
Cobalt	mg/L	**0.0097**			
Copper	mg/L	**0.0072**	J		
Iron	mg/L	**24.6**			
Lead	mg/L	**0.013**			
Magnesium	mg/L	**5.5**			
Manganese	mg/L	**0.44**			
Mercury	mg/L	0.0002	U		
Nickel	mg/L	**0.015**			
Potassium	mg/L	**2.9**			
Selenium	mg/L	0.025	U		

Table 3.11: Groundwater Pretreatment and Hydrant Sampling Results

	Location	TP-H8A		Hydrant	
	Sample Date	9/18/2019		9/25/2019	
	Sample ID	516008-OU01 WATER		516008-HYDRANT	
	Qc Code	FS		FS	
Parameter	**Units**	Result	Qualifier	Result	Qualifier
Silver	mg/L	0.006	U		
Sodium	mg/L	**57.6**			
Thallium	mg/L	0.02	U		
Vanadium	mg/L	**0.033**			
Zinc	mg/L	**0.16**			
Dissolved Metals					
Aluminum	mg/L	**15**			
Antimony	mg/L	0.02	U		
Arsenic	mg/L	0.015	U		
Barium	mg/L	**0.15**			
Beryllium	mg/L	**0.00096**	J		
Cadmium	mg/L	0.002	U		
Calcium	mg/L	**107**			
Chromium	mg/L	**0.014**			
Cobalt	mg/L	**0.01**			
Copper	mg/L	**0.0077**	J		
Iron	mg/L	**26.1**			
Lead	mg/L	**0.0074**	J		
Magnesium	mg/L	**5.8**			
Manganese	mg/L	**0.47**			
Mercury	mg/L	0.0002	U		
Nickel	mg/L	**0.016**			
Potassium	mg/L	**2.9**			
Selenium	mg/L	0.025	U		
Silver	mg/L	0.006	U		
Sodium	mg/L	**62.8**			
Thallium	mg/L	0.02	U		
Vanadium	mg/L	**0.035**			
Zinc	mg/L	**0.18**			
Inorganic Compounds					
Chlorine	mg/L	**0.08**	J	**0.32**	J
Total Dissolved Solids	mg/L	**1260**		**207**	J
Biochemical Oxygen Demand	mg/L	12	UJ		
pH	pH Units	**5.94**	J	**7.37**	J
Temperature	°C	**17.2**	J	**20**	J
Total Suspended Solids	mg/L	**74.5**		4	UJ
Total Organic Carbon	mg/L	**23.2**		1	U

Notes:
See Table 3.1 for general table notes
°C - degrees Celcius

FIGURES



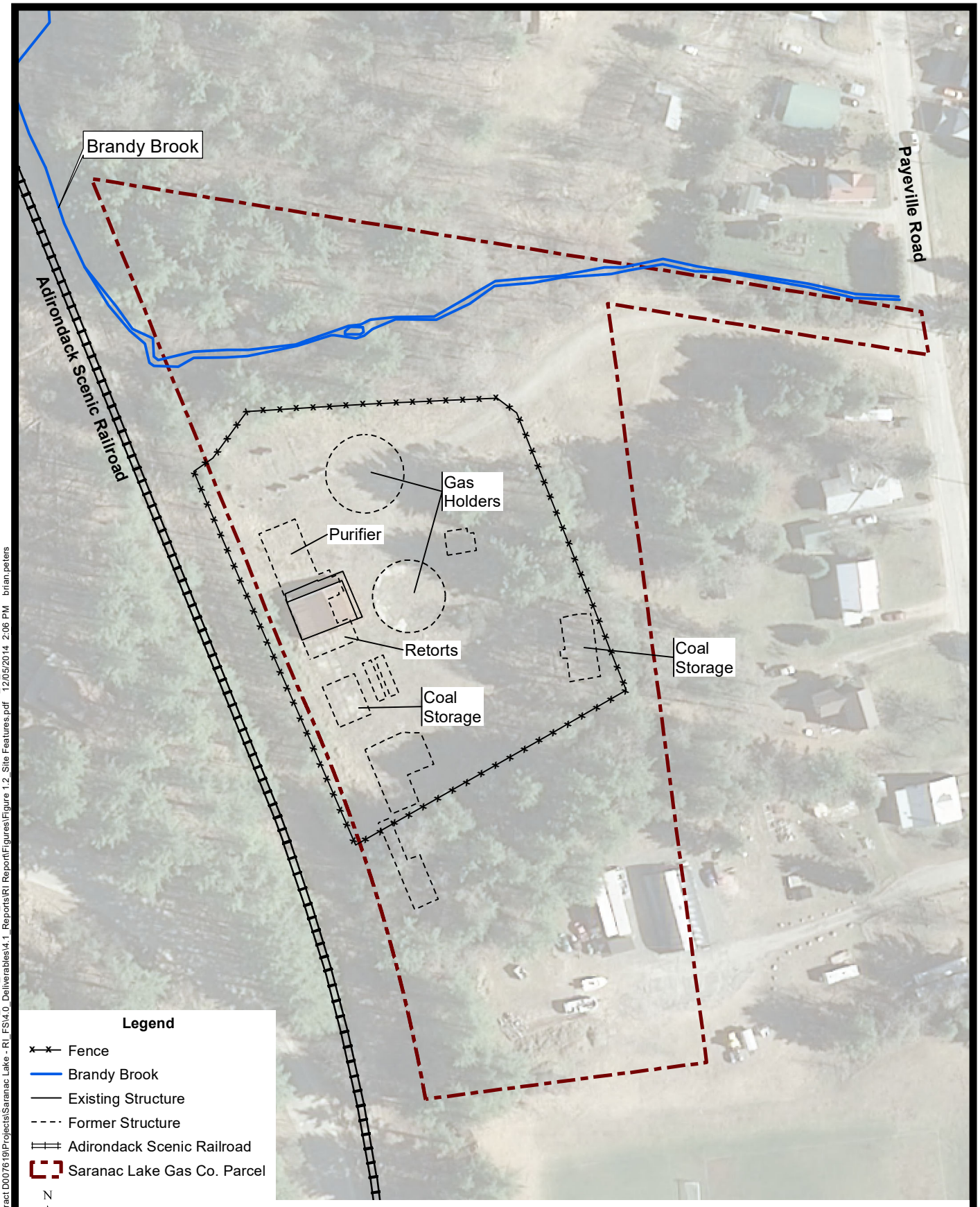
NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

Site Location Map

Project 3612132271 Figure 1.1

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RI_FS\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Phase II RI\SiteLocation_OU123.mxd
PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RI_FS\4.0_Deliverables\4.1_Reports\RI Report\Figures\Figure 1.1 - Site Location.pdf 01/26/2015 3:27 PM brian.peters



Essex County color digital orthoimagery (2013) obtained from New York State GIS Clearinghouse at: http://www.nysgis.state.ny.us

Prepared/Date: BRP 12/05/14
Checked/Date: BAS 12/05/14

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

Site Features

Project 3611191237 Figure 1.2

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RI_FS\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Phase II RI\PhaseII_RI_8.5x11P.mxd
PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RI_FS\4.0_Deliverables\4.1_Reports\RI Report\Figures\Figure 1.2_Site Features.pdf 12/05/2014 2:06 PM brian.peters

DP-819
DP-820
DP-821
DP-822
DP-823
DP-824
DP-825
DP-826
DP-827
DP-828
DP-829
DP-830
DP-831
A4B
B4D
B5A
C5D
C7B
B3D
B3C
C3D
D3D
D3C
C4C
D5A
D5C
D8D
D8C
D9D
D10A
D11B
E11D
E4C
E6D
E7D
E8C
F6A
F7D
F5B
F9D
F11C
G3A
G4A
G5B
G7D
G8D
G9D
G10C
G12B
TW-702
J2C
H3D
H6D
H7A
H7D
H8A
H9B
H10C
I7A
I7D
TW-701

Legend

- 2013 RI Estimated Extent of Visual MGP-Impacted Soils
- 2013 RI Estimated Extent of Visual Purifier Box Waste Material
- 2019 PDI Locations:
  - Temporary Well
  - Visual Evaluation
  - Analytical Evaluation
  - Railroad Boring
- Debris Piles
- Force Main
- Access Road
- Fence
- Brandy Brook
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

N

0 20 40 Feet

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

Prepared/Date: BRP 02/20/20
Checked/Date: NWV 02/20/20

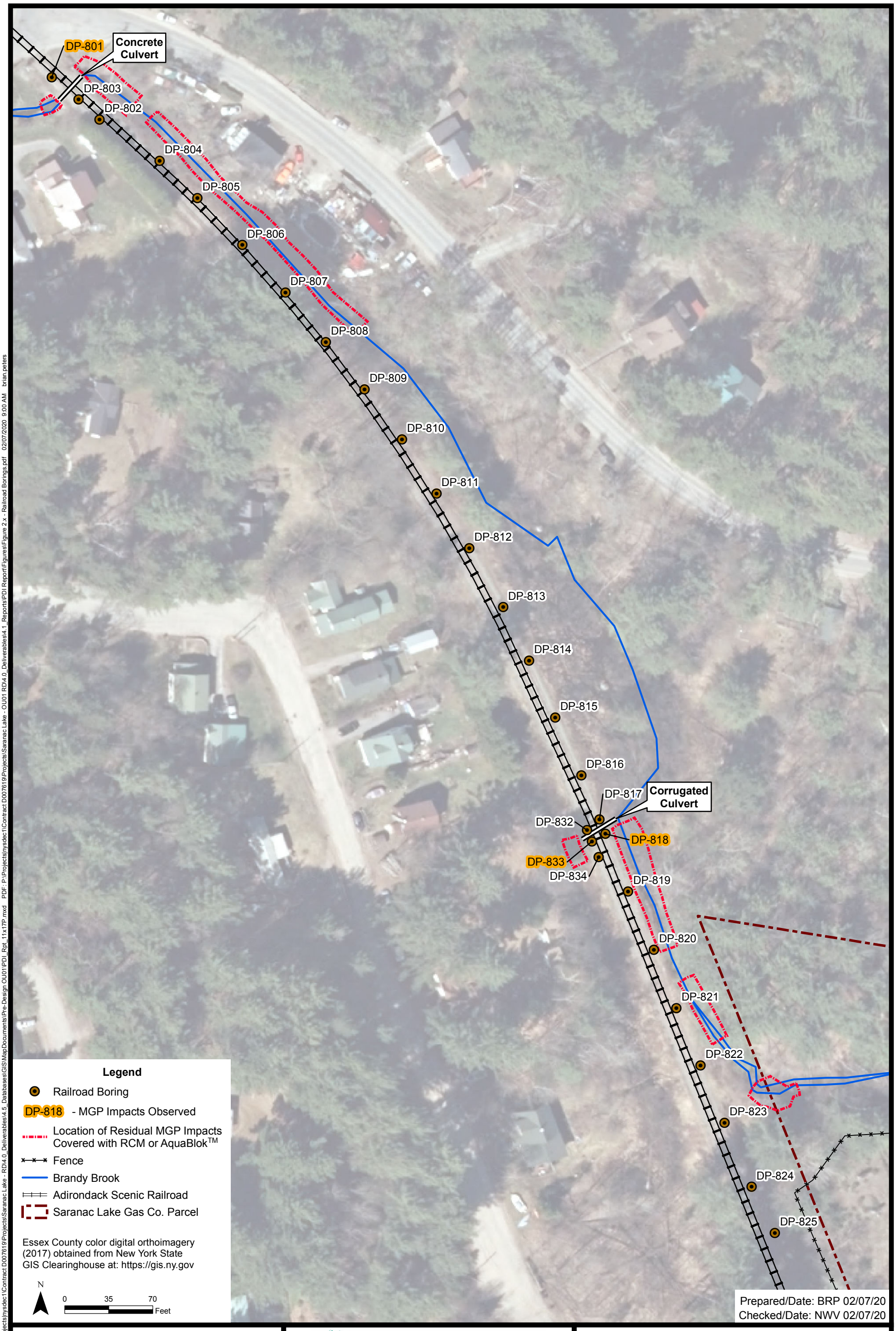
NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

2019 Pre-Design Investigation Locations

Project 3611191237 Figure 2.1

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_22x34P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 2.1 - 2019 PDI Locations.pdf 02/20/2020 9:06 AM brian.peters



NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU02 Railroad Borings

Project 3611191237 Figure 2.2

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_11x17P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 2.x - Railroad Borings.pdf 02/07/2020 9:00 AM brian.peters

Pine St

Pontiac Ave

Payeville Ln

MW-203

MW-201

MW-202

MW-104

MW-105

MW-106

MW-107

GW-11

GW-2

MW-108

MW-102

MW-110

TW-701

TW-702

MW-101

GW-14

MW-103

MW-109

MW-204

MW-205S

MW-205D

Legend

- Monitoring Well
- Monitoring Well Could Not be Located
- Decommissioned Monitoring Well
- Temporary Well
- MW-108 2019 PDI Sample Location
- Fence
- Brandy Brook
- Existing Structure
- Former Structure
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

N

0 60 120 Feet

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

Prepared/Date: BRP 02/07/20
Checked/Date: NWV 02/07/20

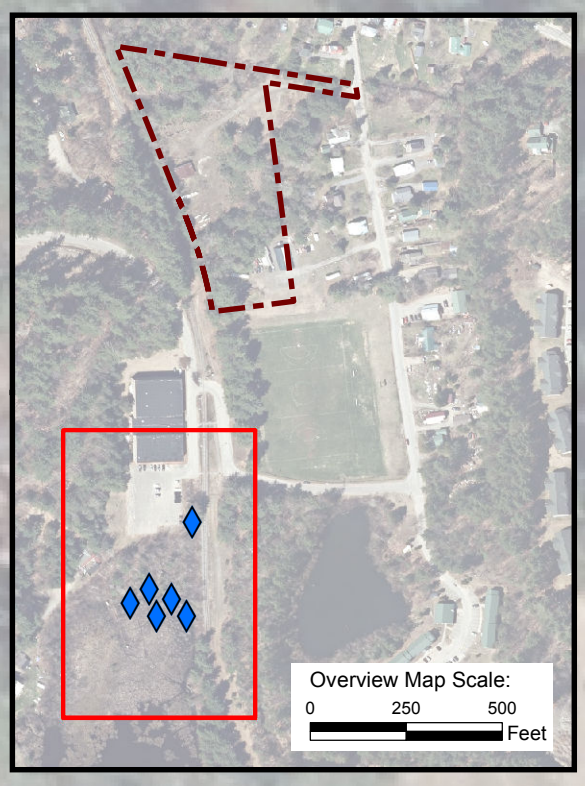
NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU01 Monitoring Well Locations

Project 3611191237 Figure 2.3

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_GW_11x17P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 2.2 - MW Locations.pdf 02/07/2020 3:05 PM brian.peters



PP-701

PP-702

PP-703

PP-704

PP-705

PP-706

Legend

Porewater Sample Location

Saranac Lake Gas Co. Parcel

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

N

0 25 50 Feet

Prepared/Date: BRP 02/07/20
Checked/Date: NWV 02/07/20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

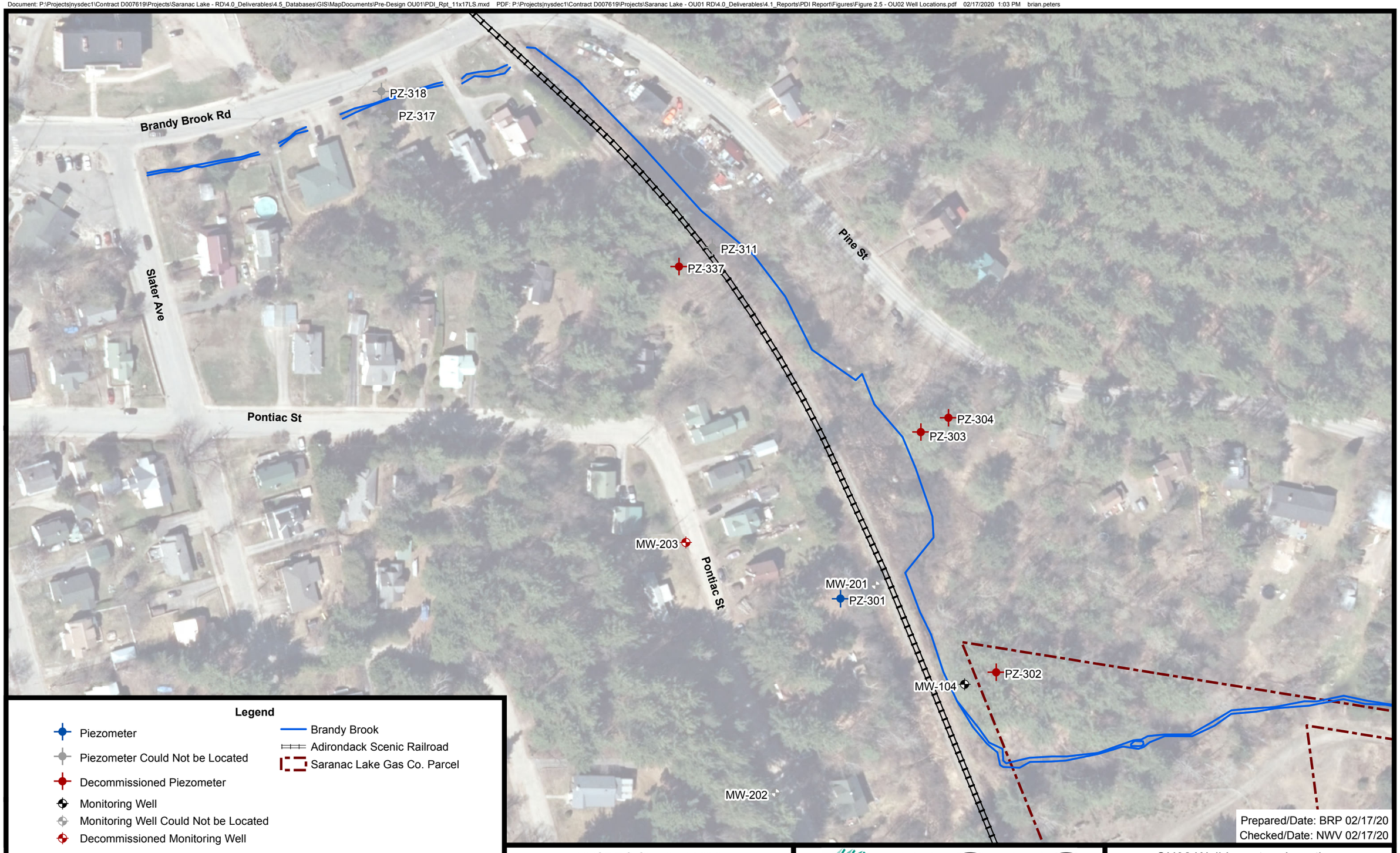
MACTEC

Pore Water Sample Locations

Project 3611191237

Figure 2.4

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_11x17P_Index.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 2.3 - PW Locations.pdf 02/07/2020 10:28 AM brian.peters



NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU02 Well Inventory Locations

Project 3611191237 Figure 2.5

Legend

- Piezometer Could Not be Located
- Decommissioned Piezometer
- Brandy Brook

N

0 40 80 Feet

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: gis.ny.gov

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU03 Decommissioned Piezometers

Project 3611191237 Figure 2.6

Prepared/Date: BRP 02/17/20
Checked/Date: NWV 02/17/20

Pine St

Pontiac Ave

Payeville Ln

MW-203
1536.70

MW-201
CNL

MW-104
1537.80

MW-105
1536.38

MW-106
1537.48

MW-107
CNL

MW-202
CNL

GW-11
CNL

GW-2
1538.55

MW-108
1532.66

MW-102
CNL

TW-701*
1531

MW-110
CNL

TW-702*
1535

MW-101
CNL

GW-14
CNL

MW-103
CNL

MW-109
1535.47

MW-204
1532.30

MW-205S
1532.30

MW-205D
1532.44

1537
1538
1536
1535
1534
1533

Legend

- Interpreted Overburden Groundwater Contour
- (dashed where inferred)
- Interpreted Groundwater Flow Direction
- Monitoring Well
- Temporary Well
- 1535.47 September 2019 Groundwater Elevation Measurement
- 1537 Groundwater Elevation shown in feet above mean sea level
- Fence
- Brandy Brook
- Existing Structure
- Former Structure
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

N

0 60 120 Feet

Notes:
CNL = Could Not Locate
* = TW-701 and TW-702 have not been surveyed. Groundwater elevations have been estimated to the nearest foot using site topographic map.

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

Prepared/Date: BRP 02/07/20
Checked/Date: NWV 02/07/20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

Interpreted Overburden Groundwater Flow
Project 3611191237 Figure 2.7

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_GW_11x17P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 2.4 - GW Sep 2019.pdf 02/07/2020 8:55 AM brian.peters

DP-819
DP-820
DP-821
DP-822
DP-823
DP-824
DP-825
DP-826
DP-827
DP-828
DP-829
DP-830
DP-831
A4B
B5A
B4D
C5D
C7B
D8D
D10A
D11B
E11D
F11C
B3D
B3C
C3D
D3D
D3C
C-3
GS-10
B-3
GS-11
C-4
D-4
C4C
B-4
D5A
TP-01
GS-08
D-5
D5C
C-5
GS-12
TP-03
D-6
E6D
TP-02
GS-07
D-7
E-7
E7D
TP-04
E-7A
C-7
GS-13
D-8
D8C
E8C
TP-05
D9D
D-9
GS-14
E-10
E-11
F-11A
E-12
F-12A
E-16
E-3
F-3
GS-01
GS-09
E-4
F-4
E4C
E-5
GS-02
F-5
F6A
E-6
F-6
F-7
E-8
TW-702
F-8
F-9
F9D
F-9A
F-10
F-11
F-12
G3A
G4A
F5B
G5B
GS-03
H6D
G-7
H7A
H7D
G7D
GS-04
G-8
H8A
G8D
GS-05
G-9
G-10
G10C
G-12
G12B
H-13
H-15
J2C
H3D
H-6
H-7
I7A
I7D
H-8
TW-701
H9B
GS-16
H10C
J-14
TB-12
TB-13

Prepared/Date: BRP 04-07-20
Checked/Date: NWV 04-07-20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

Estimated Extent of
MGP Impacted Material
Project 3611191237 Figure 3.1

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_22x34P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 3.1 - MGP Material.pdf 04-07-2020 2:00 PM brian.peters

MW-104
DP-821
F2
J2C
MW-105
GW-15 GS-15
F3
GS-01
C3D
D3D
H3D
MW-106 C3
DP-823
GW-10 GS-10
G4A
GW-09 GS-09
E4
MW-107
GW-11 GS-11
C4
B5A
G5B
GW-08 GS-08
TP-01
E5
GW-02 GS-02
D5
DP-825
MW-108
GW-12 GS-12
TP-03
MW-102 E6
F6
GS-03
D6
H6D
TP-02
F7
GW-07
GS-07
D7
TP-04
GS-04
E7A
GW-06 GS-06
MW-110
DP-827
GS-13
GW-13
I8A
G8
F8
GW-05 GS-05
TP-05
GS-16
MW-101 F9
E9
D9
DP-829
GW-14 GS-14
G10
D10A
MW-103
MW-109
H10C
DP-831
E11D
G12B
MW-204 E12
MW-205S
MW-205D E16
North Country Community College

Legend

BTEX Concentrations Detected in Groundwater:
- Not Detected Above the Reporting Limit
- Detected < Class GA Standard
- Exceeds Class GA Standard

BTEX Concentrations Detected in Soil:
- Not Sampled
- Not Detected Above the Reporting Limit
- Detected < Restricted Residential Criteria
- Exceeds Restricted Residential Criteria
- Exceeds Commercial Criteria
- Exceeds Industrial Criteria

- Sample Location; No Analytical Data
- Estimated Extent of MGP Impacted Material
- Fence
- Brandy Brook
- Existing Structure
- Former Structure
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

Notes:
Soil results include PDI and RI data.
Although multiple samples may have been collected from a single location the highest SCO exceedance is shown.

Groundwater sample results shown are from the RI report with the exception of wells sampled during the PDI:
MW-108, MW-204 and MW-204D.

BTEX = Benzene, Toluene, Ethylbenzene and Xylene Compounds

Criteria:
Soil Cleanup Objectives Criteria from Subpart 375-6.8(b)

Groundwater Criteria from Technical and Operational Guidance Series 1.1.1

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

N
0 15 30
Feet

Prepared/Date: BRP 02/20/20
Checked/Date: NWV 02/20/20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU01 - BTEX Detected in Soil and Groundwater Compared to Criteria
Project 3611191237 Figure 3.2

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_Results_22x34P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 3.2 - BTEX in Soil and GW.pdf 02/20/2020 9:37 AM brian.peters

MW-104 (11)
DP-821
F2
J2C
MW-105 (15)
GW-15 (7) GS-15
F3
GS-01
C3D
D3D
H3D
MW-106 (10) C3
DP-823
GW-10 (7) GS-10
G4A
GW-09 (8) GS-09
E4
MW-107 (10)
GW-11 (6) GS-11
C4
B5A
G5B
TP-01
E5
GW-08 (12) GS-08
D5
GW-02 (9.5) GS-02
DP-825
MW-108 (19)
GW-12 (10) GS-12
TP-03
MW-102 (10) E6
F6
GS-03
H6D
D6
TP-02
F7
GW-07 (8) GS-07
D7
TP-04
GS-04
MW-110 (15)
E7A
GW-06 (8) GS-06
DP-827
GS-13
GW-13 (8)
G8
I8A
F8
GW-05 (8) GS-05
TP-05
GS-16
MW-101 (8) F9
E9
D9
DP-829
GW-14 (6) GS-14
G10
D10A
MW-103 (15)
MW-109 (10)
H10C
DP-831
E11D
G12B
MW-204 (23) E12
MW-205S (15)
MW-205D (25) E16
North Country Community College

Legend

PAH Concentrations Detected in Groundwater:
- Not Detected Above the Reporting Limit
- Detected < Class GA Standard
- Exceeds Class GA Standard

PAH Concentrations Detected in Soil:
- Not Sampled
- Not Detected Above the Reporting Limit
- Detected < Restricted Residential Criteria
- Exceeds Restricted Residential Criteria
- Exceeds Commercial Criteria
- Exceeds Industrial Criteria

- Sample Location; No Analytical Data
- Estimated Extent of MGP Impacted Material
- Fence
- Brandy Brook
- Existing Structure
- Former Structure
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

Notes:
Soil results include PDI and RI data.
Although multiple samples may have been collected from a single location the highest SCO exceedance is shown.

Groundwater sample results shown are from the RI report with the exception of wells sampled during the PDI:
MW-108, MW-204 and MW-204D.

PAHs - Polycyclic Aromatic Hydrocarbons

Criteria:
Soil Cleanup Objectives Criteria from Subpart 375-6.8(b)

Groundwater Criteria from Technical and Operational Guidance Series 1.1.1

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

N
0 15 30
Feet

Prepared/Date: BRP 02/20/20
Checked/Date: NWV 02/20/20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU01 - PAHs Detected in Soil and Groundwater Compared to Criteria
Project 3611191237 Figure 3.3

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_Results_22x34P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 3.3 - PAHs in Soil and GW.pdf 02/20/2020 9:41 AM brian.peters

F-2
F-3
B3D
C-3
E-4
C-4
E-5
D-5
E-6
F-6
D-6
F-7
D-7
TP-04
E7D
G7D
GS-06
G-8
F-8
GS-05
TW-702
G8D
TP-05
F-9
E-9
D-9
F9D
G-10

Legend

Total Cyanide Concentrations Detected in Soil:

- Not Sampled
- Not Detected Above the Reporting Limit
- Detected < Restricted Residential Criteria
- Exceeds Restricted Residential Criteria
- Exceeds Commercial Criteria
- Exceeds Industrial Criteria

- Estimated Extent of MGP Impacted Material
- Fence
- Brandy Brook
- Existing Structure
- Former Structure
- Adirondack Scenic Railroad
- Saranac Lake Gas Co. Parcel

Note: Sample locations and results include 2019 PDI, 2013 RI, and 2007 SC data.

Criteria:
Soil Cleanup Objectives Criteria from Subpart 375-6.8(b)

N

0 15 30 Feet

Essex County color digital orthoimagery (2017) obtained from New York State GIS Clearinghouse at: https://gis.ny.gov

North Country Community College

Prepared/Date: BRP 02/20/20
Checked/Date: NWV 02/20/20

NYSDEC Site # 516008
Saranac Lake Gas Co., Inc.
Saranac Lake, New York

MACTEC

OU01 - Total Cyanide Detected in Soil Compared to Criteria
Project 3611191237 Figure 3.4

Document: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - RD\4.0_Deliverables\4.5_Databases\GIS\MapDocuments\Pre-Design OU01\PDI_Rpt_Results_22x34P.mxd PDF: P:\Projects\nysdec1\Contract D007619\Projects\Saranac Lake - OU01 RD\4.0_Deliverables\4.1_Reports\PDI Report\Figures\Figure 3.3 - PAHs in Soil and GW.pdf 02/20/2020 9:41 AM brian.peters

APPENDIX A
COMMUNITY AIR MONITORING PROGRAM DATA

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/16 11:38
****
Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/16/2019 11:38
End	9/16/2019 16:28
Sample Period(s)	60
Number of Records	290

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/12/2019 8:54
Peak	0.1
Min	0
Average	0

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/16/2019 11:39	0.2	1.9	0
2	9/16/2019 11:40	0	0	0
3	9/16/2019 11:41	0	0	0
4	9/16/2019 11:42	0	0	0
5	9/16/2019 11:43	0	0	0
6	9/16/2019 11:44	0	0	0
7	9/16/2019 11:45	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/16/2019 11:46	0	0	0
9	9/16/2019 11:47	0	0	0
10	9/16/2019 11:48	0	0	0
11	9/16/2019 11:49	0	0	0
12	9/16/2019 11:50	0	0	0
13	9/16/2019 11:51	0	0	0
14	9/16/2019 11:52	0	0	0
15	9/16/2019 11:53	0	0	0
16	9/16/2019 11:54	0	0	0
17	9/16/2019 11:55	0	0	0
18	9/16/2019 11:56	0	0	0
19	9/16/2019 11:57	0	0	0
20	9/16/2019 11:58	0	0	0
21	9/16/2019 11:59	0	0	0
22	9/16/2019 12:00	0	0	0
23	9/16/2019 12:01	0	0	0
24	9/16/2019 12:02	0	0	0
25	9/16/2019 12:03	0	0	0
26	9/16/2019 12:04	0	0	0
27	9/16/2019 12:05	0	0	0
28	9/16/2019 12:06	0	0	0
29	9/16/2019 12:07	0	0	0
30	9/16/2019 12:08	0	0	0
31	9/16/2019 12:09	0	0	0
32	9/16/2019 12:10	0	0	0
33	9/16/2019 12:11	0	0	0
34	9/16/2019 12:12	0	0	0
35	9/16/2019 12:13	0	0	0
36	9/16/2019 12:14	0	0	0
37	9/16/2019 12:15	0	0	0
38	9/16/2019 12:16	0	0	0
39	9/16/2019 12:17	0	0	0
40	9/16/2019 12:18	0	0	0
41	9/16/2019 12:19	0	0	0
42	9/16/2019 12:20	0	0	0
43	9/16/2019 12:21	0	0	0
44	9/16/2019 12:22	0	0	0
45	9/16/2019 12:23	0	0	0
46	9/16/2019 12:24	0	0	0
47	9/16/2019 12:25	0	0	0
48	9/16/2019 12:26	0	0	0
49	9/16/2019 12:27	0	0	0
50	9/16/2019 12:28	0	0	0
51	9/16/2019 12:29	0	0	0
52	9/16/2019 12:30	0	0	0
53	9/16/2019 12:31	0	0	0
54	9/16/2019 12:32	0	0	0
55	9/16/2019 12:33	0	0	0
56	9/16/2019 12:34	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/16/2019 12:35	0	0	0
58	9/16/2019 12:36	0	0	0
59	9/16/2019 12:37	0	0	0
60	9/16/2019 12:38	0	0	0
61	9/16/2019 12:39	0	0	0
62	9/16/2019 12:40	0	0	0
63	9/16/2019 12:41	0	0	0
64	9/16/2019 12:42	0	0	0
65	9/16/2019 12:43	0	0	0
66	9/16/2019 12:44	0	0	0
67	9/16/2019 12:45	0	0	0
68	9/16/2019 12:46	0	0	0
69	9/16/2019 12:47	0	0	0
70	9/16/2019 12:48	0	0	0
71	9/16/2019 12:49	0	0.1	0
72	9/16/2019 12:50	0	0	0
73	9/16/2019 12:51	0	0	0
74	9/16/2019 12:52	0	0	0
75	9/16/2019 12:53	0	0	0
76	9/16/2019 12:54	0	0.1	0
77	9/16/2019 12:55	0	0	0
78	9/16/2019 12:56	0	0	0
79	9/16/2019 12:57	0	0.1	0.1
80	9/16/2019 12:58	0.1	0.1	0.1
81	9/16/2019 12:59	0.1	0.1	0.1
82	9/16/2019 13:00	0.1	0.1	0.1
83	9/16/2019 13:01	0.1	0.1	0.1
84	9/16/2019 13:02	0.1	0.1	0.1
85	9/16/2019 13:03	0.1	0.1	0.1
86	9/16/2019 13:04	0.1	0.1	0.1
87	9/16/2019 13:05	0.1	0.1	0.1
88	9/16/2019 13:06	0.1	0.1	0.1
89	9/16/2019 13:07	0.1	0.1	0.1
90	9/16/2019 13:08	0.1	0.1	0.1
91	9/16/2019 13:09	0.1	0.1	0.1
92	9/16/2019 13:10	0.1	0.1	0.1
93	9/16/2019 13:11	0.1	0.1	0.1
94	9/16/2019 13:12	0.1	0.1	0.1
95	9/16/2019 13:13	0.1	0.1	0.1
96	9/16/2019 13:14	0.1	0.1	0.1
97	9/16/2019 13:15	0.1	0.1	0.1
98	9/16/2019 13:16	0.1	0.1	0.1
99	9/16/2019 13:17	0.1	0.1	0.1
100	9/16/2019 13:18	0.1	0.1	0.1
101	9/16/2019 13:19	0.1	0.1	0.1
102	9/16/2019 13:20	0.1	0.1	0.1
103	9/16/2019 13:21	0.1	0.1	0.1
104	9/16/2019 13:22	0.1	0.1	0.1
105	9/16/2019 13:23	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/16/2019 13:24	0.1	0.1	0.1
107	9/16/2019 13:25	0.1	0.1	0.1
108	9/16/2019 13:26	0.1	0.1	0.1
109	9/16/2019 13:27	0.1	0.1	0.1
110	9/16/2019 13:28	0.1	0.1	0.1
111	9/16/2019 13:29	0.1	0.1	0.1
112	9/16/2019 13:30	0.1	0.1	0.1
113	9/16/2019 13:31	0.1	0.1	0.1
114	9/16/2019 13:32	0.1	0.1	0.1
115	9/16/2019 13:33	0.1	0.1	0.1
116	9/16/2019 13:34	0.1	0.1	0.1
117	9/16/2019 13:35	0.1	0.1	0.1
118	9/16/2019 13:36	0.1	0.1	0.1
119	9/16/2019 13:37	0.1	0.1	0
120	9/16/2019 13:38	0	0.1	0
121	9/16/2019 13:39	0	0	0
122	9/16/2019 13:40	0	0	0
123	9/16/2019 13:41	0	0	0
124	9/16/2019 13:42	0	0	0
125	9/16/2019 13:43	0	0	0
126	9/16/2019 13:44	0	0	0
127	9/16/2019 13:45	0	0	0
128	9/16/2019 13:46	0	0	0
129	9/16/2019 13:47	0	0	0
130	9/16/2019 13:48	0	0	0
131	9/16/2019 13:49	0	0	0
132	9/16/2019 13:50	0	0	0
133	9/16/2019 13:51	0	0	0
134	9/16/2019 13:52	0	0	0
135	9/16/2019 13:53	0	0	0
136	9/16/2019 13:54	0	0	0
137	9/16/2019 13:55	0	0	0
138	9/16/2019 13:56	0	0	0
139	9/16/2019 13:57	0	0	0
140	9/16/2019 13:58	0	0	0
141	9/16/2019 13:59	0	0	0
142	9/16/2019 14:00	0	0	0
143	9/16/2019 14:01	0	0	0
144	9/16/2019 14:02	0	0	0
145	9/16/2019 14:03	0	0	0
146	9/16/2019 14:04	0	0	0
147	9/16/2019 14:05	0	0	0
148	9/16/2019 14:06	0	0	0
149	9/16/2019 14:07	0	0	0
150	9/16/2019 14:08	0	0	0
151	9/16/2019 14:09	0	0	0
152	9/16/2019 14:10	0	0	0
153	9/16/2019 14:11	0	0	0
154	9/16/2019 14:12	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

155	9/16/2019 14:13	0	0	0
156	9/16/2019 14:14	0	0	0
157	9/16/2019 14:15	0	0	0
158	9/16/2019 14:16	0	0	0
159	9/16/2019 14:17	0	0	0
160	9/16/2019 14:18	0	0	0
161	9/16/2019 14:19	0	0	0
162	9/16/2019 14:20	0	0	0
163	9/16/2019 14:21	0	0	0
164	9/16/2019 14:22	0	0	0
165	9/16/2019 14:23	0	0	0
166	9/16/2019 14:24	0	0	0
167	9/16/2019 14:25	0	0	0
168	9/16/2019 14:26	0	0	0
169	9/16/2019 14:27	0	0	0
170	9/16/2019 14:28	0	0	0
171	9/16/2019 14:29	0	0	0
172	9/16/2019 14:30	0	0	0
173	9/16/2019 14:31	0	0	0
174	9/16/2019 14:32	0	0	0
175	9/16/2019 14:33	0	0	0
176	9/16/2019 14:34	0	0	0
177	9/16/2019 14:35	0	0	0
178	9/16/2019 14:36	0	0	0
179	9/16/2019 14:37	0	0	0
180	9/16/2019 14:38	0	0	0
181	9/16/2019 14:39	0	0	0
182	9/16/2019 14:40	0	0	0
183	9/16/2019 14:41	0	0	0
184	9/16/2019 14:42	0	0	0
185	9/16/2019 14:43	0	0	0
186	9/16/2019 14:44	0	0	0
187	9/16/2019 14:45	0	0	0
188	9/16/2019 14:46	0	0	0
189	9/16/2019 14:47	0	0	0
190	9/16/2019 14:48	0	0	0
191	9/16/2019 14:49	0	0	0
192	9/16/2019 14:50	0	0	0
193	9/16/2019 14:51	0	0	0
194	9/16/2019 14:52	0	0	0
195	9/16/2019 14:53	0	0	0
196	9/16/2019 14:54	0	0	0
197	9/16/2019 14:55	0	0	0
198	9/16/2019 14:56	0	0	0
199	9/16/2019 14:57	0	0	0
200	9/16/2019 14:58	0	0	0
201	9/16/2019 14:59	0	0.1	0
202	9/16/2019 15:00	0	0.1	0
203	9/16/2019 15:01	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

204	9/16/2019 15:02	0	0	0
205	9/16/2019 15:03	0	0.1	0
206	9/16/2019 15:04	0	0	0
207	9/16/2019 15:05	0	0.1	0
208	9/16/2019 15:06	0	0	0
209	9/16/2019 15:07	0	0	0
210	9/16/2019 15:08	0	0	0
211	9/16/2019 15:09	0	0	0
212	9/16/2019 15:10	0	0	0
213	9/16/2019 15:11	0	0	0
214	9/16/2019 15:12	0	0	0
215	9/16/2019 15:13	0	0	0
216	9/16/2019 15:14	0	0	0
217	9/16/2019 15:15	0	0	0
218	9/16/2019 15:16	0	0	0
219	9/16/2019 15:17	0	0	0
220	9/16/2019 15:18	0	0	0
221	9/16/2019 15:19	0	0	0
222	9/16/2019 15:20	0	0	0
223	9/16/2019 15:21	0	0	0
224	9/16/2019 15:22	0	0	0
225	9/16/2019 15:23	0	0	0
226	9/16/2019 15:24	0	0	0
227	9/16/2019 15:25	0	0	0
228	9/16/2019 15:26	0	0	0
229	9/16/2019 15:27	0	0	0
230	9/16/2019 15:28	0	0	0
231	9/16/2019 15:29	0	0	0
232	9/16/2019 15:30	0	0	0
233	9/16/2019 15:31	0	0	0
234	9/16/2019 15:32	0	0	0
235	9/16/2019 15:33	0	0	0
236	9/16/2019 15:34	0	0	0
237	9/16/2019 15:35	0	0	0
238	9/16/2019 15:36	0	0	0
239	9/16/2019 15:37	0	0	0
240	9/16/2019 15:38	0	0	0
241	9/16/2019 15:39	0	0	0
242	9/16/2019 15:40	0	0	0
243	9/16/2019 15:41	0	0	0
244	9/16/2019 15:42	0	0	0
245	9/16/2019 15:43	0	0	0
246	9/16/2019 15:44	0	0	0
247	9/16/2019 15:45	0	0	0
248	9/16/2019 15:46	0	0	0
249	9/16/2019 15:47	0	0	0
250	9/16/2019 15:48	0	0	0
251	9/16/2019 15:49	0	0	0
252	9/16/2019 15:50	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	253	9/16/2019 15:51	0	0	0
	254	9/16/2019 15:52	0	0	0
	255	9/16/2019 15:53	0	0	0
	256	9/16/2019 15:54	0	0	0
	257	9/16/2019 15:55	0	0	0
	258	9/16/2019 15:56	0	0	0
	259	9/16/2019 15:57	0	0	0
	260	9/16/2019 15:58	0	0	0
	261	9/16/2019 15:59	0	0	0
	262	9/16/2019 16:00	0	0	0
	263	9/16/2019 16:01	0	0	0
	264	9/16/2019 16:02	0	0	0
	265	9/16/2019 16:03	0	0	0
	266	9/16/2019 16:04	0	0	0
	267	9/16/2019 16:05	0	0	0
	268	9/16/2019 16:06	0	0	0
	269	9/16/2019 16:07	0	0	0
	270	9/16/2019 16:08	0	0	0
	271	9/16/2019 16:09	0	0	0
	272	9/16/2019 16:10	0	0	0
	273	9/16/2019 16:11	0	0	0
	274	9/16/2019 16:12	0	0	0
	275	9/16/2019 16:13	0	0	0
	276	9/16/2019 16:14	0	0	0
	277	9/16/2019 16:15	0	0	0
	278	9/16/2019 16:16	0	0	0
	279	9/16/2019 16:17	0	0	0
	280	9/16/2019 16:18	0	0	0
	281	9/16/2019 16:19	0	0	0
	282	9/16/2019 16:20	0	0	0
	283	9/16/2019 16:21	0	0	0
	284	9/16/2019 16:22	0	0	0
	285	9/16/2019 16:23	0	0	0
	286	9/16/2019 16:24	0	0	0
	287	9/16/2019 16:25	0	0	0
	288	9/16/2019 16:26	0	0	0
	289	9/16/2019 16:27	0	0	0
	290	9/16/2019 16:28	0	0	0
Peak			0.2	1.9	0.1
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/16/2019 11:39	0	---
2	9/16/2019 11:40	0	---
3	9/16/2019 11:41	0	---

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

4	9/16/2019 11:42	0	---
5	9/16/2019 11:43	0	---
6	9/16/2019 11:44	0	---
7	9/16/2019 11:45	0	---
8	9/16/2019 11:46	0	---
9	9/16/2019 11:47	0	---
10	9/16/2019 11:48	0	---
11	9/16/2019 11:49	0	---
12	9/16/2019 11:50	0	---
13	9/16/2019 11:51	0	---
14	9/16/2019 11:52	0	---
15	9/16/2019 11:53	0	0
16	9/16/2019 11:54	0	0
17	9/16/2019 11:55	0	0
18	9/16/2019 11:56	0	0
19	9/16/2019 11:57	0	0
20	9/16/2019 11:58	0	0
21	9/16/2019 11:59	0	0
22	9/16/2019 12:00	0	0
23	9/16/2019 12:01	0	0
24	9/16/2019 12:02	0	0
25	9/16/2019 12:03	0	0
26	9/16/2019 12:04	0	0
27	9/16/2019 12:05	0	0
28	9/16/2019 12:06	0	0
29	9/16/2019 12:07	0	0
30	9/16/2019 12:08	0	0
31	9/16/2019 12:09	0	0
32	9/16/2019 12:10	0	0
33	9/16/2019 12:11	0	0
34	9/16/2019 12:12	0	0
35	9/16/2019 12:13	0	0
36	9/16/2019 12:14	0	0
37	9/16/2019 12:15	0	0
38	9/16/2019 12:16	0	0
39	9/16/2019 12:17	0	0
40	9/16/2019 12:18	0	0
41	9/16/2019 12:19	0	0
42	9/16/2019 12:20	0	0
43	9/16/2019 12:21	0	0
44	9/16/2019 12:22	0	0
45	9/16/2019 12:23	0	0
46	9/16/2019 12:24	0	0
47	9/16/2019 12:25	0	0
48	9/16/2019 12:26	0	0
49	9/16/2019 12:27	0	0
50	9/16/2019 12:28	0	0
51	9/16/2019 12:29	0	0
52	9/16/2019 12:30	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

53	9/16/2019 12:31	0	0
54	9/16/2019 12:32	0	0
55	9/16/2019 12:33	0	0
56	9/16/2019 12:34	0	0
57	9/16/2019 12:35	0	0
58	9/16/2019 12:36	0	0
59	9/16/2019 12:37	0	0
60	9/16/2019 12:38	0	0
61	9/16/2019 12:39	0	0
62	9/16/2019 12:40	0	0
63	9/16/2019 12:41	0	0
64	9/16/2019 12:42	0	0
65	9/16/2019 12:43	0	0
66	9/16/2019 12:44	0	0
67	9/16/2019 12:45	0	0
68	9/16/2019 12:46	0	0
69	9/16/2019 12:47	0	0
70	9/16/2019 12:48	0	0
71	9/16/2019 12:49	0	0
72	9/16/2019 12:50	0	0
73	9/16/2019 12:51	0	0
74	9/16/2019 12:52	0	0
75	9/16/2019 12:53	0	0
76	9/16/2019 12:54	0	0
77	9/16/2019 12:55	0	0
78	9/16/2019 12:56	0	0
79	9/16/2019 12:57	0	0
80	9/16/2019 12:58	0	0
81	9/16/2019 12:59	0	0
82	9/16/2019 13:00	0	0
83	9/16/2019 13:01	0	0
84	9/16/2019 13:02	0	0
85	9/16/2019 13:03	0	0
86	9/16/2019 13:04	0	0.1
87	9/16/2019 13:05	0	0.1
88	9/16/2019 13:06	0	0.1
89	9/16/2019 13:07	0	0.1
90	9/16/2019 13:08	0	0.1
91	9/16/2019 13:09	0	0.1
92	9/16/2019 13:10	0	0.1
93	9/16/2019 13:11	0	0.1
94	9/16/2019 13:12	0	0.1
95	9/16/2019 13:13	0	0.1
96	9/16/2019 13:14	0	0.1
97	9/16/2019 13:15	0	0.1
98	9/16/2019 13:16	0	0.1
99	9/16/2019 13:17	0	0.1
100	9/16/2019 13:18	0	0.1
101	9/16/2019 13:19	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

102	9/16/2019 13:20	0	0.1
103	9/16/2019 13:21	0	0.1
104	9/16/2019 13:22	0	0.1
105	9/16/2019 13:23	0	0.1
106	9/16/2019 13:24	0	0.1
107	9/16/2019 13:25	0	0.1
108	9/16/2019 13:26	0	0.1
109	9/16/2019 13:27	0	0.1
110	9/16/2019 13:28	0	0.1
111	9/16/2019 13:29	0	0.1
112	9/16/2019 13:30	0	0.1
113	9/16/2019 13:31	0	0.1
114	9/16/2019 13:32	0	0.1
115	9/16/2019 13:33	0	0.1
116	9/16/2019 13:34	0	0.1
117	9/16/2019 13:35	0	0.1
118	9/16/2019 13:36	0	0.1
119	9/16/2019 13:37	0	0.1
120	9/16/2019 13:38	0	0.1
121	9/16/2019 13:39	0	0.1
122	9/16/2019 13:40	0	0.1
123	9/16/2019 13:41	0	0.1
124	9/16/2019 13:42	0	0.1
125	9/16/2019 13:43	0	0.1
126	9/16/2019 13:44	0	0
127	9/16/2019 13:45	0	0
128	9/16/2019 13:46	0	0
129	9/16/2019 13:47	0	0
130	9/16/2019 13:48	0	0
131	9/16/2019 13:49	0	0
132	9/16/2019 13:50	0	0
133	9/16/2019 13:51	0	0
134	9/16/2019 13:52	0	0
135	9/16/2019 13:53	0	0
136	9/16/2019 13:54	0	0
137	9/16/2019 13:55	0	0
138	9/16/2019 13:56	0	0
139	9/16/2019 13:57	0	0
140	9/16/2019 13:58	0	0
141	9/16/2019 13:59	0	0
142	9/16/2019 14:00	0	0
143	9/16/2019 14:01	0	0
144	9/16/2019 14:02	0	0
145	9/16/2019 14:03	0	0
146	9/16/2019 14:04	0	0
147	9/16/2019 14:05	0	0
148	9/16/2019 14:06	0	0
149	9/16/2019 14:07	0	0
150	9/16/2019 14:08	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

151	9/16/2019 14:09	0	0
152	9/16/2019 14:10	0	0
153	9/16/2019 14:11	0	0
154	9/16/2019 14:12	0	0
155	9/16/2019 14:13	0	0
156	9/16/2019 14:14	0	0
157	9/16/2019 14:15	0	0
158	9/16/2019 14:16	0	0
159	9/16/2019 14:17	0	0
160	9/16/2019 14:18	0	0
161	9/16/2019 14:19	0	0
162	9/16/2019 14:20	0	0
163	9/16/2019 14:21	0	0
164	9/16/2019 14:22	0	0
165	9/16/2019 14:23	0	0
166	9/16/2019 14:24	0	0
167	9/16/2019 14:25	0	0
168	9/16/2019 14:26	0	0
169	9/16/2019 14:27	0	0
170	9/16/2019 14:28	0	0
171	9/16/2019 14:29	0	0
172	9/16/2019 14:30	0	0
173	9/16/2019 14:31	0	0
174	9/16/2019 14:32	0	0
175	9/16/2019 14:33	0	0
176	9/16/2019 14:34	0	0
177	9/16/2019 14:35	0	0
178	9/16/2019 14:36	0	0
179	9/16/2019 14:37	0	0
180	9/16/2019 14:38	0	0
181	9/16/2019 14:39	0	0
182	9/16/2019 14:40	0	0
183	9/16/2019 14:41	0	0
184	9/16/2019 14:42	0	0
185	9/16/2019 14:43	0	0
186	9/16/2019 14:44	0	0
187	9/16/2019 14:45	0	0
188	9/16/2019 14:46	0	0
189	9/16/2019 14:47	0	0
190	9/16/2019 14:48	0	0
191	9/16/2019 14:49	0	0
192	9/16/2019 14:50	0	0
193	9/16/2019 14:51	0	0
194	9/16/2019 14:52	0	0
195	9/16/2019 14:53	0	0
196	9/16/2019 14:54	0	0
197	9/16/2019 14:55	0	0
198	9/16/2019 14:56	0	0
199	9/16/2019 14:57	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

200	9/16/2019 14:58	0	0
201	9/16/2019 14:59	0	0
202	9/16/2019 15:00	0	0
203	9/16/2019 15:01	0	0
204	9/16/2019 15:02	0	0
205	9/16/2019 15:03	0	0
206	9/16/2019 15:04	0	0
207	9/16/2019 15:05	0	0
208	9/16/2019 15:06	0	0
209	9/16/2019 15:07	0	0
210	9/16/2019 15:08	0	0
211	9/16/2019 15:09	0	0
212	9/16/2019 15:10	0	0
213	9/16/2019 15:11	0	0
214	9/16/2019 15:12	0	0
215	9/16/2019 15:13	0	0
216	9/16/2019 15:14	0	0
217	9/16/2019 15:15	0	0
218	9/16/2019 15:16	0	0
219	9/16/2019 15:17	0	0
220	9/16/2019 15:18	0	0
221	9/16/2019 15:19	0	0
222	9/16/2019 15:20	0	0
223	9/16/2019 15:21	0	0
224	9/16/2019 15:22	0	0
225	9/16/2019 15:23	0	0
226	9/16/2019 15:24	0	0
227	9/16/2019 15:25	0	0
228	9/16/2019 15:26	0	0
229	9/16/2019 15:27	0	0
230	9/16/2019 15:28	0	0
231	9/16/2019 15:29	0	0
232	9/16/2019 15:30	0	0
233	9/16/2019 15:31	0	0
234	9/16/2019 15:32	0	0
235	9/16/2019 15:33	0	0
236	9/16/2019 15:34	0	0
237	9/16/2019 15:35	0	0
238	9/16/2019 15:36	0	0
239	9/16/2019 15:37	0	0
240	9/16/2019 15:38	0	0
241	9/16/2019 15:39	0	0
242	9/16/2019 15:40	0	0
243	9/16/2019 15:41	0	0
244	9/16/2019 15:42	0	0
245	9/16/2019 15:43	0	0
246	9/16/2019 15:44	0	0
247	9/16/2019 15:45	0	0
248	9/16/2019 15:46	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

249	9/16/2019 15:47	0	0
250	9/16/2019 15:48	0	0
251	9/16/2019 15:49	0	0
252	9/16/2019 15:50	0	0
253	9/16/2019 15:51	0	0
254	9/16/2019 15:52	0	0
255	9/16/2019 15:53	0	0
256	9/16/2019 15:54	0	0
257	9/16/2019 15:55	0	0
258	9/16/2019 15:56	0	0
259	9/16/2019 15:57	0	0
260	9/16/2019 15:58	0	0
261	9/16/2019 15:59	0	0
262	9/16/2019 16:00	0	0
263	9/16/2019 16:01	0	0
264	9/16/2019 16:02	0	0
265	9/16/2019 16:03	0	0
266	9/16/2019 16:04	0	0
267	9/16/2019 16:05	0	0
268	9/16/2019 16:06	0	0
269	9/16/2019 16:07	0	0
270	9/16/2019 16:08	0	0
271	9/16/2019 16:09	0	0
272	9/16/2019 16:10	0	0
273	9/16/2019 16:11	0	0
274	9/16/2019 16:12	0	0
275	9/16/2019 16:13	0	0
276	9/16/2019 16:14	0	0
277	9/16/2019 16:15	0	0
278	9/16/2019 16:16	0	0
279	9/16/2019 16:17	0	0
280	9/16/2019 16:18	0	0
281	9/16/2019 16:19	0	0
282	9/16/2019 16:20	0	0
283	9/16/2019 16:21	0	0
284	9/16/2019 16:22	0	0
285	9/16/2019 16:23	0	0
286	9/16/2019 16:24	0	0
287	9/16/2019 16:25	0	0
288	9/16/2019 16:26	0	0
289	9/16/2019 16:27	0	0
290	9/16/2019 16:28	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/17 07:27

****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/17/2019 7:27
End	9/17/2019 16:26
Sample Period(s)	60
Number of Records	538

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/12/2019 8:54
Peak	0
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/17/2019 7:28	0	0	0
2	9/17/2019 7:29	0	0	0
3	9/17/2019 7:30	0	0	0
4	9/17/2019 7:31	0	0	0
5	9/17/2019 7:32	0	0	0
6	9/17/2019 7:33	0	0	0
7	9/17/2019 7:34	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/17/2019 7:35	0	0	0
9	9/17/2019 7:36	0	0	0
10	9/17/2019 7:37	0	0	0
11	9/17/2019 7:38	0	0	0
12	9/17/2019 7:39	0	0	0
13	9/17/2019 7:40	0	0	0
14	9/17/2019 7:41	0	0	0
15	9/17/2019 7:42	0	0	0
16	9/17/2019 7:43	0	0	0
17	9/17/2019 7:44	0	0	0
18	9/17/2019 7:45	0	0	0
19	9/17/2019 7:46	0	0	0
20	9/17/2019 7:47	0	0	0
21	9/17/2019 7:48	0	0	0
22	9/17/2019 7:49	0	0	0
23	9/17/2019 7:50	0	0	0
24	9/17/2019 7:51	0	0	0
25	9/17/2019 7:52	0	0	0
26	9/17/2019 7:53	0	0	0
27	9/17/2019 7:54	0	0	0
28	9/17/2019 7:55	0	0	0
29	9/17/2019 7:56	0	0	0
30	9/17/2019 7:57	0	0	0
31	9/17/2019 7:58	0	0	0
32	9/17/2019 7:59	0	0	0
33	9/17/2019 8:00	0	0	0
34	9/17/2019 8:01	0	0	0
35	9/17/2019 8:02	0	0	0
36	9/17/2019 8:03	0	0	0
37	9/17/2019 8:04	0	0	0
38	9/17/2019 8:05	0	0	0
39	9/17/2019 8:06	0	0	0
40	9/17/2019 8:07	0	0	0
41	9/17/2019 8:08	0	0	0
42	9/17/2019 8:09	0	0	0
43	9/17/2019 8:10	0	0	0
44	9/17/2019 8:11	0	0	0
45	9/17/2019 8:12	0	0	0
46	9/17/2019 8:13	0	0	0
47	9/17/2019 8:14	0	0	0
48	9/17/2019 8:15	0	0	0
49	9/17/2019 8:16	0	0	0
50	9/17/2019 8:17	0	0	0
51	9/17/2019 8:18	0	0	0
52	9/17/2019 8:19	0	0	0
53	9/17/2019 8:20	0	0	0
54	9/17/2019 8:21	0	0	0
55	9/17/2019 8:22	0	0	0
56	9/17/2019 8:23	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/17/2019 8:24	0	0	0
58	9/17/2019 8:25	0	0	0
59	9/17/2019 8:26	0	0	0
60	9/17/2019 8:27	0	0	0
61	9/17/2019 8:28	0	0	0
62	9/17/2019 8:29	0	0	0
63	9/17/2019 8:30	0	0	0
64	9/17/2019 8:31	0	0	0
65	9/17/2019 8:32	0	0	0
66	9/17/2019 8:33	0	0	0
67	9/17/2019 8:34	0	0	0
68	9/17/2019 8:35	0	0	0
69	9/17/2019 8:36	0	0	0
70	9/17/2019 8:37	0	0	0
71	9/17/2019 8:38	0	0	0
72	9/17/2019 8:39	0	0	0
73	9/17/2019 8:40	0	0	0
74	9/17/2019 8:41	0	0	0
75	9/17/2019 8:42	0	0	0
76	9/17/2019 8:43	0	0	0
77	9/17/2019 8:44	0	0	0
78	9/17/2019 8:45	0	0	0
79	9/17/2019 8:46	0	0	0
80	9/17/2019 8:47	0	0	0
81	9/17/2019 8:48	0	0	0
82	9/17/2019 8:49	0	0	0
83	9/17/2019 8:50	0	0	0
84	9/17/2019 8:51	0	0	0
85	9/17/2019 8:52	0	0	0
86	9/17/2019 8:53	0	0	0
87	9/17/2019 8:54	0	0	0
88	9/17/2019 8:55	0	0	0
89	9/17/2019 8:56	0	0	0
90	9/17/2019 8:57	0	0	0
91	9/17/2019 8:58	0	0	0
92	9/17/2019 8:59	0	0	0
93	9/17/2019 9:00	0	0	0
94	9/17/2019 9:01	0	0	0
95	9/17/2019 9:02	0	0	0
96	9/17/2019 9:03	0	0	0
97	9/17/2019 9:04	0	0	0
98	9/17/2019 9:05	0	0	0
99	9/17/2019 9:06	0	0	0
100	9/17/2019 9:07	0	0	0
101	9/17/2019 9:08	0	0	0
102	9/17/2019 9:09	0	0	0
103	9/17/2019 9:10	0	0	0
104	9/17/2019 9:11	0	0	0
105	9/17/2019 9:12	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/17/2019 9:13	0	0	0
107	9/17/2019 9:14	0	0	0
108	9/17/2019 9:15	0	0	0
109	9/17/2019 9:16	0	0	0
110	9/17/2019 9:17	0	0	0
111	9/17/2019 9:18	0	0	0
112	9/17/2019 9:19	0	0	0
113	9/17/2019 9:20	0	0	0
114	9/17/2019 9:21	0	0	0
115	9/17/2019 9:22	0	0	0
116	9/17/2019 9:23	0	0	0
117	9/17/2019 9:24	0	0	0
118	9/17/2019 9:25	0	0	0
119	9/17/2019 9:26	0	0	0
120	9/17/2019 9:27	0	0	0
121	9/17/2019 9:28	0	0	0
122	9/17/2019 9:29	0	0	0
123	9/17/2019 9:30	0	0	0
124	9/17/2019 9:31	0	0	0
125	9/17/2019 9:32	0	0	0
126	9/17/2019 9:33	0	0	0
127	9/17/2019 9:34	0	0	0
128	9/17/2019 9:35	0	0	0
129	9/17/2019 9:36	0	0	0
130	9/17/2019 9:37	0	0	0
131	9/17/2019 9:38	0	0	0
132	9/17/2019 9:39	0	0	0
133	9/17/2019 9:40	0	0	0
134	9/17/2019 9:41	0	0	0
135	9/17/2019 9:42	0	0	0
136	9/17/2019 9:43	0	0	0
137	9/17/2019 9:44	0	0	0
138	9/17/2019 9:45	0	0	0
139	9/17/2019 9:46	0	0	0
140	9/17/2019 9:47	0	0	0
141	9/17/2019 9:48	0	0	0
142	9/17/2019 9:49	0	0	0
143	9/17/2019 9:50	0	0	0
144	9/17/2019 9:51	0	0	0
145	9/17/2019 9:52	0	0	0
146	9/17/2019 9:53	0	0	0
147	9/17/2019 9:54	0	0	0
148	9/17/2019 9:55	0	0	0
149	9/17/2019 9:56	0	0	0
150	9/17/2019 9:57	0	0	0
151	9/17/2019 9:58	0	0	0
152	9/17/2019 9:59	0	0	0
153	9/17/2019 10:00	0	0	0
154	9/17/2019 10:01	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

155	9/17/2019 10:02	0	0	0
156	9/17/2019 10:03	0	0	0
157	9/17/2019 10:04	0	0	0
158	9/17/2019 10:05	0	0	0
159	9/17/2019 10:06	0	0	0
160	9/17/2019 10:07	0	0	0
161	9/17/2019 10:08	0	0	0
162	9/17/2019 10:09	0	0	0
163	9/17/2019 10:10	0	0	0
164	9/17/2019 10:11	0	0	0
165	9/17/2019 10:12	0	0	0
166	9/17/2019 10:13	0	0	0
167	9/17/2019 10:14	0	0	0
168	9/17/2019 10:15	0	0	0
169	9/17/2019 10:16	0	0	0
170	9/17/2019 10:17	0	0	0
171	9/17/2019 10:18	0	0	0
172	9/17/2019 10:19	0	0	0
173	9/17/2019 10:20	0	0	0
174	9/17/2019 10:21	0	0	0
175	9/17/2019 10:22	0	0	0
176	9/17/2019 10:23	0	0	0
177	9/17/2019 10:24	0	0	0
178	9/17/2019 10:25	0	0	0
179	9/17/2019 10:26	0	0	0
180	9/17/2019 10:27	0	0	0
181	9/17/2019 10:28	0	0	0
182	9/17/2019 10:29	0	0	0
183	9/17/2019 10:30	0	0	0
184	9/17/2019 10:31	0	0	0
185	9/17/2019 10:32	0	0	0
186	9/17/2019 10:33	0	0	0
187	9/17/2019 10:34	0	0	0
188	9/17/2019 10:35	0	0	0
189	9/17/2019 10:36	0	0	0
190	9/17/2019 10:37	0	0	0
191	9/17/2019 10:38	0	0	0
192	9/17/2019 10:39	0	0	0
193	9/17/2019 10:40	0	0	0
194	9/17/2019 10:41	0	0	0
195	9/17/2019 10:42	0	0	0
196	9/17/2019 10:43	0	0	0
197	9/17/2019 10:44	0	0	0
198	9/17/2019 10:45	0	0	0
199	9/17/2019 10:46	0	0	0
200	9/17/2019 10:47	0	0	0
201	9/17/2019 10:48	0	0	0
202	9/17/2019 10:49	0	0	0
203	9/17/2019 10:50	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

204	9/17/2019 10:51	0	0	0
205	9/17/2019 10:52	0	0	0
206	9/17/2019 10:53	0	0	0
207	9/17/2019 10:54	0	0	0
208	9/17/2019 10:55	0	0	0
209	9/17/2019 10:56	0	0	0
210	9/17/2019 10:57	0	0	0
211	9/17/2019 10:58	0	0	0
212	9/17/2019 10:59	0	0	0
213	9/17/2019 11:00	0	0	0
214	9/17/2019 11:01	0	0	0
215	9/17/2019 11:02	0	0	0
216	9/17/2019 11:03	0	0	0
217	9/17/2019 11:04	0	0	0
218	9/17/2019 11:05	0	0	0
219	9/17/2019 11:06	0	0	0
220	9/17/2019 11:07	0	0	0
221	9/17/2019 11:08	0	0	0
222	9/17/2019 11:09	0	0	0
223	9/17/2019 11:10	0	0	0
224	9/17/2019 11:11	0	0	0
225	9/17/2019 11:12	0	0	0
226	9/17/2019 11:13	0	0	0
227	9/17/2019 11:14	0	0	0
228	9/17/2019 11:15	0	0	0
229	9/17/2019 11:16	0	0	0
230	9/17/2019 11:17	0	0	0
231	9/17/2019 11:18	0	0	0
232	9/17/2019 11:19	0	0	0
233	9/17/2019 11:20	0	0	0
234	9/17/2019 11:21	0	0	0
235	9/17/2019 11:22	0	0	0
236	9/17/2019 11:23	0	0	0
237	9/17/2019 11:24	0	0	0
238	9/17/2019 11:25	0	0	0
239	9/17/2019 11:26	0	0	0
240	9/17/2019 11:27	0	0	0
241	9/17/2019 11:28	0	0	0
242	9/17/2019 11:29	0	0	0
243	9/17/2019 11:30	0	0	0
244	9/17/2019 11:31	0	0	0
245	9/17/2019 11:32	0	0	0
246	9/17/2019 11:33	0	0	0
247	9/17/2019 11:34	0	0	0
248	9/17/2019 11:35	0	0	0
249	9/17/2019 11:36	0	0	0
250	9/17/2019 11:37	0	0	0
251	9/17/2019 11:38	0	0	0
252	9/17/2019 11:39	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

253	9/17/2019 11:40	0	0	0
254	9/17/2019 11:41	0	0	0
255	9/17/2019 11:42	0	0	0
256	9/17/2019 11:43	0	0	0
257	9/17/2019 11:44	0	0	0
258	9/17/2019 11:45	0	0	0
259	9/17/2019 11:46	0	0	0
260	9/17/2019 11:47	0	0	0
261	9/17/2019 11:48	0	0	0
262	9/17/2019 11:49	0	0	0
263	9/17/2019 11:50	0	0	0
264	9/17/2019 11:51	0	0	0
265	9/17/2019 11:52	0	0	0
266	9/17/2019 11:53	0	0	0
267	9/17/2019 11:54	0	0	0
268	9/17/2019 11:55	0	0	0
269	9/17/2019 11:56	0	0	0
270	9/17/2019 11:57	0	0	0
271	9/17/2019 11:58	0	0	0
272	9/17/2019 11:59	0	0	0
273	9/17/2019 12:00	0	0	0
274	9/17/2019 12:01	0	0	0
275	9/17/2019 12:02	0	0	0
276	9/17/2019 12:03	0	0	0
277	9/17/2019 12:04	0	0	0
278	9/17/2019 12:05	0	0	0
279	9/17/2019 12:06	0	0	0
280	9/17/2019 12:07	0	0	0
281	9/17/2019 12:08	0	0	0
282	9/17/2019 12:09	0	0	0
283	9/17/2019 12:10	0	0	0
284	9/17/2019 12:11	0	0	0
285	9/17/2019 12:12	0	0	0
286	9/17/2019 12:13	0	0	0
287	9/17/2019 12:14	0	0	0
288	9/17/2019 12:15	0	0	0
289	9/17/2019 12:16	0	0	0
290	9/17/2019 12:17	0	0	0
291	9/17/2019 12:18	0	0	0
292	9/17/2019 12:19	0	0	0
293	9/17/2019 12:20	0	0	0
294	9/17/2019 12:21	0	0	0
295	9/17/2019 12:22	0	0	0
296	9/17/2019 12:23	0	0	0
297	9/17/2019 12:24	0	0	0
298	9/17/2019 12:25	0	0	0
299	9/17/2019 12:26	0	0	0
300	9/17/2019 12:27	0	0	0
301	9/17/2019 12:28	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

302	9/17/2019 12:29	0	0	0
303	9/17/2019 12:30	0	0	0
304	9/17/2019 12:31	0	0	0
305	9/17/2019 12:32	0	0	0
306	9/17/2019 12:33	0	0	0
307	9/17/2019 12:34	0	0	0
308	9/17/2019 12:35	0	0	0
309	9/17/2019 12:36	0	0	0
310	9/17/2019 12:37	0	0	0
311	9/17/2019 12:38	0	0	0
312	9/17/2019 12:39	0	0	0
313	9/17/2019 12:40	0	0	0
314	9/17/2019 12:41	0	0	0
315	9/17/2019 12:42	0	0	0
316	9/17/2019 12:43	0	0	0
317	9/17/2019 12:44	0	0	0
318	9/17/2019 12:45	0	0	0
319	9/17/2019 12:46	0	0	0
320	9/17/2019 12:47	0	0	0
321	9/17/2019 12:48	0	0	0
322	9/17/2019 12:49	0	0	0
323	9/17/2019 12:50	0	0	0
324	9/17/2019 12:51	0	0	0
325	9/17/2019 12:52	0	0	0
326	9/17/2019 12:53	0	0	0
327	9/17/2019 12:54	0	0	0
328	9/17/2019 12:55	0	0	0
329	9/17/2019 12:56	0	0	0
330	9/17/2019 12:57	0	0	0
331	9/17/2019 12:58	0	0	0
332	9/17/2019 12:59	0	0	0
333	9/17/2019 13:00	0	0	0
334	9/17/2019 13:01	0	0	0
335	9/17/2019 13:02	0	0	0
336	9/17/2019 13:03	0	0	0
337	9/17/2019 13:04	0	0	0
338	9/17/2019 13:05	0	0	0
339	9/17/2019 13:06	0	0	0
340	9/17/2019 13:07	0	0	0
341	9/17/2019 13:08	0	0	0
342	9/17/2019 13:09	0	0	0
343	9/17/2019 13:10	0	0	0
344	9/17/2019 13:11	0	0	0
345	9/17/2019 13:12	0	0	0
346	9/17/2019 13:13	0	0	0
347	9/17/2019 13:14	0	0	0
348	9/17/2019 13:15	0	0	0
349	9/17/2019 13:16	0	0	0
350	9/17/2019 13:17	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

351	9/17/2019 13:18	0	0	0
352	9/17/2019 13:19	0	0	0
353	9/17/2019 13:20	0	0	0
354	9/17/2019 13:21	0	0	0
355	9/17/2019 13:22	0	0	0
356	9/17/2019 13:23	0	0	0
357	9/17/2019 13:24	0	0	0
358	9/17/2019 13:25	0	0	0
359	9/17/2019 13:26	0	0	0
360	9/17/2019 13:27	0	0	0
361	9/17/2019 13:28	0	0	0
362	9/17/2019 13:29	0	0	0
363	9/17/2019 13:30	0	0	0
364	9/17/2019 13:31	0	0	0
365	9/17/2019 13:32	0	0	0
366	9/17/2019 13:33	0	0	0
367	9/17/2019 13:34	0	0	0
368	9/17/2019 13:35	0	0	0
369	9/17/2019 13:36	0	0	0
370	9/17/2019 13:37	0	0	0
371	9/17/2019 13:38	0	0	0
372	9/17/2019 13:39	0	0	0
373	9/17/2019 13:40	0	0	0
374	9/17/2019 13:41	0	0	0
375	9/17/2019 13:42	0	0	0
376	9/17/2019 13:43	0	0	0
377	9/17/2019 13:44	0	0	0
378	9/17/2019 13:45	0	0	0
379	9/17/2019 13:46	0	0	0
380	9/17/2019 13:47	0	0	0
381	9/17/2019 13:48	0	0	0
382	9/17/2019 13:49	0	0	0
383	9/17/2019 13:50	0	0	0
384	9/17/2019 13:51	0	0	0
385	9/17/2019 13:52	0	0	0
386	9/17/2019 13:53	0	0	0
387	9/17/2019 13:54	0	0	0
388	9/17/2019 13:55	0	0	0
389	9/17/2019 13:56	0	0	0
390	9/17/2019 13:57	0	0	0
391	9/17/2019 13:58	0	0	0
392	9/17/2019 13:59	0	0	0
393	9/17/2019 14:00	0	0	0
394	9/17/2019 14:01	0	0	0
395	9/17/2019 14:02	0	0	0
396	9/17/2019 14:03	0	0	0
397	9/17/2019 14:04	0	0	0
398	9/17/2019 14:05	0	0	0
399	9/17/2019 14:06	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

400	9/17/2019 14:07	0	0	0
401	9/17/2019 14:08	0	0	0
402	9/17/2019 14:09	0	0	0
403	9/17/2019 14:10	0	0	0
404	9/17/2019 14:11	0	0	0
405	9/17/2019 14:12	0	0	0
406	9/17/2019 14:13	0	0	0
407	9/17/2019 14:14	0	0	0
408	9/17/2019 14:15	0	0	0
409	9/17/2019 14:16	0	0	0
410	9/17/2019 14:17	0	0	0
411	9/17/2019 14:18	0	0	0
412	9/17/2019 14:19	0	0	0
413	9/17/2019 14:20	0	0	0
414	9/17/2019 14:21	0	0	0
415	9/17/2019 14:22	0	0	0
416	9/17/2019 14:23	0	0	0
417	9/17/2019 14:24	0	0	0
418	9/17/2019 14:25	0	0	0
419	9/17/2019 14:26	0	0	0
420	9/17/2019 14:27	0	0	0
421	9/17/2019 14:28	0	0	0
422	9/17/2019 14:29	0	0	0
423	9/17/2019 14:30	0	0	0
424	9/17/2019 14:31	0	0	0
425	9/17/2019 14:32	0	0	0
426	9/17/2019 14:33	0	0	0
427	9/17/2019 14:34	0	0	0
428	9/17/2019 14:35	0	0	0
429	9/17/2019 14:36	0	0	0
430	9/17/2019 14:37	0	0	0
431	9/17/2019 14:38	0	0	0
432	9/17/2019 14:39	0	0	0
433	9/17/2019 14:40	0	0	0
434	9/17/2019 14:41	0	0	0
435	9/17/2019 14:42	0	0	0
436	9/17/2019 14:43	0	0	0
437	9/17/2019 14:44	0	0	0
438	9/17/2019 14:45	0	0	0
439	9/17/2019 14:46	0	0	0
440	9/17/2019 14:47	0	0	0
441	9/17/2019 14:48	0	0	0
442	9/17/2019 14:49	0	0	0
443	9/17/2019 14:50	0	0	0
444	9/17/2019 14:51	0	0	0
445	9/17/2019 14:52	0	0	0
446	9/17/2019 14:53	0	0	0
447	9/17/2019 14:54	0	0	0
448	9/17/2019 14:55	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

449	9/17/2019 14:56	0	0	0
450	9/17/2019 14:57	0	0	0
451	9/17/2019 14:58	0	0	0
452	9/17/2019 14:59	0	0	0
453	9/17/2019 15:00	0	0	0
454	9/17/2019 15:01	0	0	0
455	9/17/2019 15:02	0	0	0
456	9/17/2019 15:03	0	0	0
457	9/17/2019 15:04	0	0	0
458	9/17/2019 15:05	0	0	0
459	9/17/2019 15:06	0	0	0
460	9/17/2019 15:07	0	0	0
461	9/17/2019 15:08	0	0	0
462	9/17/2019 15:09	0	0	0
463	9/17/2019 15:10	0	0	0
464	9/17/2019 15:11	0	0	0
465	9/17/2019 15:12	0	0	0
466	9/17/2019 15:13	0	0	0
467	9/17/2019 15:14	0	0	0
468	9/17/2019 15:15	0	0	0
469	9/17/2019 15:16	0	0	0
470	9/17/2019 15:17	0	0	0
471	9/17/2019 15:18	0	0	0
472	9/17/2019 15:19	0	0	0
473	9/17/2019 15:20	0	0	0
474	9/17/2019 15:21	0	0	0
475	9/17/2019 15:22	0	0	0
476	9/17/2019 15:23	0	0	0
477	9/17/2019 15:24	0	0	0
478	9/17/2019 15:25	0	0	0
479	9/17/2019 15:26	0	0	0
480	9/17/2019 15:27	0	0	0
481	9/17/2019 15:28	0	0	0
482	9/17/2019 15:29	0	0	0
483	9/17/2019 15:30	0	0	0
484	9/17/2019 15:31	0	0	0
485	9/17/2019 15:32	0	0	0
486	9/17/2019 15:33	0	0	0
487	9/17/2019 15:34	0	0	0
488	9/17/2019 15:35	0	0	0
489	9/17/2019 15:36	0	0	0
490	9/17/2019 15:37	0	0	0
491	9/17/2019 15:38	0	0	0
492	9/17/2019 15:39	0	0	0
493	9/17/2019 15:40	0	0	0
494	9/17/2019 15:41	0	0	0
495	9/17/2019 15:42	0	0	0
496	9/17/2019 15:43	0	0	0
497	9/17/2019 15:44	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	498	9/17/2019 15:45	0	0	0
	499	9/17/2019 15:46	0	0	0
	500	9/17/2019 15:47	0	0	0
	501	9/17/2019 15:48	0	0	0
	502	9/17/2019 15:49	0	0	0
	503	9/17/2019 15:50	0	0	0
	504	9/17/2019 15:51	0	0	0
	505	9/17/2019 15:52	0	0	0
	506	9/17/2019 15:53	0	0	0
	507	9/17/2019 15:54	0	0	0
	508	9/17/2019 15:55	0	0	0
	509	9/17/2019 15:56	0	0	0
	510	9/17/2019 15:57	0	0	0
	511	9/17/2019 15:58	0	0	0
	512	9/17/2019 15:59	0	0	0
	513	9/17/2019 16:00	0	0	0
	514	9/17/2019 16:01	0	0	0
	515	9/17/2019 16:02	0	0	0
	516	9/17/2019 16:03	0	0	0
	517	9/17/2019 16:04	0	0	0
	518	9/17/2019 16:05	0	0	0
	519	9/17/2019 16:06	0	0	0
	520	9/17/2019 16:07	0	0	0
	521	9/17/2019 16:08	0	0	0
	522	9/17/2019 16:09	0	0	0
	523	9/17/2019 16:10	0	0	0
	524	9/17/2019 16:11	0	0	0
	525	9/17/2019 16:12	0	0	0
	526	9/17/2019 16:13	0	0	0
	527	9/17/2019 16:14	0	0	0
	528	9/17/2019 16:15	0	0	0
	529	9/17/2019 16:16	0	0	0
	530	9/17/2019 16:17	0	0	0
	531	9/17/2019 16:18	0	0	0
	532	9/17/2019 16:19	0	0	0
	533	9/17/2019 16:20	0	0	0
	534	9/17/2019 16:21	0	0	0
	535	9/17/2019 16:22	0	0	0
	536	9/17/2019 16:23	0	0	0
	537	9/17/2019 16:24	0	0	0
	538	9/17/2019 16:25	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/17/2019 7:28	0	---
2	9/17/2019 7:29	0	---
3	9/17/2019 7:30	0	---
4	9/17/2019 7:31	0	---
5	9/17/2019 7:32	0	---
6	9/17/2019 7:33	0	---
7	9/17/2019 7:34	0	---
8	9/17/2019 7:35	0	---
9	9/17/2019 7:36	0	---
10	9/17/2019 7:37	0	---
11	9/17/2019 7:38	0	---
12	9/17/2019 7:39	0	---
13	9/17/2019 7:40	0	---
14	9/17/2019 7:41	0	---
15	9/17/2019 7:42	0	0
16	9/17/2019 7:43	0	0
17	9/17/2019 7:44	0	0
18	9/17/2019 7:45	0	0
19	9/17/2019 7:46	0	0
20	9/17/2019 7:47	0	0
21	9/17/2019 7:48	0	0
22	9/17/2019 7:49	0	0
23	9/17/2019 7:50	0	0
24	9/17/2019 7:51	0	0
25	9/17/2019 7:52	0	0
26	9/17/2019 7:53	0	0
27	9/17/2019 7:54	0	0
28	9/17/2019 7:55	0	0
29	9/17/2019 7:56	0	0
30	9/17/2019 7:57	0	0
31	9/17/2019 7:58	0	0
32	9/17/2019 7:59	0	0
33	9/17/2019 8:00	0	0
34	9/17/2019 8:01	0	0
35	9/17/2019 8:02	0	0
36	9/17/2019 8:03	0	0
37	9/17/2019 8:04	0	0
38	9/17/2019 8:05	0	0
39	9/17/2019 8:06	0	0
40	9/17/2019 8:07	0	0
41	9/17/2019 8:08	0	0
42	9/17/2019 8:09	0	0
43	9/17/2019 8:10	0	0
44	9/17/2019 8:11	0	0
45	9/17/2019 8:12	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

46	9/17/2019 8:13	0	0
47	9/17/2019 8:14	0	0
48	9/17/2019 8:15	0	0
49	9/17/2019 8:16	0	0
50	9/17/2019 8:17	0	0
51	9/17/2019 8:18	0	0
52	9/17/2019 8:19	0	0
53	9/17/2019 8:20	0	0
54	9/17/2019 8:21	0	0
55	9/17/2019 8:22	0	0
56	9/17/2019 8:23	0	0
57	9/17/2019 8:24	0	0
58	9/17/2019 8:25	0	0
59	9/17/2019 8:26	0	0
60	9/17/2019 8:27	0	0
61	9/17/2019 8:28	0	0
62	9/17/2019 8:29	0	0
63	9/17/2019 8:30	0	0
64	9/17/2019 8:31	0	0
65	9/17/2019 8:32	0	0
66	9/17/2019 8:33	0	0
67	9/17/2019 8:34	0	0
68	9/17/2019 8:35	0	0
69	9/17/2019 8:36	0	0
70	9/17/2019 8:37	0	0
71	9/17/2019 8:38	0	0
72	9/17/2019 8:39	0	0
73	9/17/2019 8:40	0	0
74	9/17/2019 8:41	0	0
75	9/17/2019 8:42	0	0
76	9/17/2019 8:43	0	0
77	9/17/2019 8:44	0	0
78	9/17/2019 8:45	0	0
79	9/17/2019 8:46	0	0
80	9/17/2019 8:47	0	0
81	9/17/2019 8:48	0	0
82	9/17/2019 8:49	0	0
83	9/17/2019 8:50	0	0
84	9/17/2019 8:51	0	0
85	9/17/2019 8:52	0	0
86	9/17/2019 8:53	0	0
87	9/17/2019 8:54	0	0
88	9/17/2019 8:55	0	0
89	9/17/2019 8:56	0	0
90	9/17/2019 8:57	0	0
91	9/17/2019 8:58	0	0
92	9/17/2019 8:59	0	0
93	9/17/2019 9:00	0	0
94	9/17/2019 9:01	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

95	9/17/2019 9:02	0	0
96	9/17/2019 9:03	0	0
97	9/17/2019 9:04	0	0
98	9/17/2019 9:05	0	0
99	9/17/2019 9:06	0	0
100	9/17/2019 9:07	0	0
101	9/17/2019 9:08	0	0
102	9/17/2019 9:09	0	0
103	9/17/2019 9:10	0	0
104	9/17/2019 9:11	0	0
105	9/17/2019 9:12	0	0
106	9/17/2019 9:13	0	0
107	9/17/2019 9:14	0	0
108	9/17/2019 9:15	0	0
109	9/17/2019 9:16	0	0
110	9/17/2019 9:17	0	0
111	9/17/2019 9:18	0	0
112	9/17/2019 9:19	0	0
113	9/17/2019 9:20	0	0
114	9/17/2019 9:21	0	0
115	9/17/2019 9:22	0	0
116	9/17/2019 9:23	0	0
117	9/17/2019 9:24	0	0
118	9/17/2019 9:25	0	0
119	9/17/2019 9:26	0	0
120	9/17/2019 9:27	0	0
121	9/17/2019 9:28	0	0
122	9/17/2019 9:29	0	0
123	9/17/2019 9:30	0	0
124	9/17/2019 9:31	0	0
125	9/17/2019 9:32	0	0
126	9/17/2019 9:33	0	0
127	9/17/2019 9:34	0	0
128	9/17/2019 9:35	0	0
129	9/17/2019 9:36	0	0
130	9/17/2019 9:37	0	0
131	9/17/2019 9:38	0	0
132	9/17/2019 9:39	0	0
133	9/17/2019 9:40	0	0
134	9/17/2019 9:41	0	0
135	9/17/2019 9:42	0	0
136	9/17/2019 9:43	0	0
137	9/17/2019 9:44	0	0
138	9/17/2019 9:45	0	0
139	9/17/2019 9:46	0	0
140	9/17/2019 9:47	0	0
141	9/17/2019 9:48	0	0
142	9/17/2019 9:49	0	0
143	9/17/2019 9:50	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

144	9/17/2019 9:51	0	0
145	9/17/2019 9:52	0	0
146	9/17/2019 9:53	0	0
147	9/17/2019 9:54	0	0
148	9/17/2019 9:55	0	0
149	9/17/2019 9:56	0	0
150	9/17/2019 9:57	0	0
151	9/17/2019 9:58	0	0
152	9/17/2019 9:59	0	0
153	9/17/2019 10:00	0	0
154	9/17/2019 10:01	0	0
155	9/17/2019 10:02	0	0
156	9/17/2019 10:03	0	0
157	9/17/2019 10:04	0	0
158	9/17/2019 10:05	0	0
159	9/17/2019 10:06	0	0
160	9/17/2019 10:07	0	0
161	9/17/2019 10:08	0	0
162	9/17/2019 10:09	0	0
163	9/17/2019 10:10	0	0
164	9/17/2019 10:11	0	0
165	9/17/2019 10:12	0	0
166	9/17/2019 10:13	0	0
167	9/17/2019 10:14	0	0
168	9/17/2019 10:15	0	0
169	9/17/2019 10:16	0	0
170	9/17/2019 10:17	0	0
171	9/17/2019 10:18	0	0
172	9/17/2019 10:19	0	0
173	9/17/2019 10:20	0	0
174	9/17/2019 10:21	0	0
175	9/17/2019 10:22	0	0
176	9/17/2019 10:23	0	0
177	9/17/2019 10:24	0	0
178	9/17/2019 10:25	0	0
179	9/17/2019 10:26	0	0
180	9/17/2019 10:27	0	0
181	9/17/2019 10:28	0	0
182	9/17/2019 10:29	0	0
183	9/17/2019 10:30	0	0
184	9/17/2019 10:31	0	0
185	9/17/2019 10:32	0	0
186	9/17/2019 10:33	0	0
187	9/17/2019 10:34	0	0
188	9/17/2019 10:35	0	0
189	9/17/2019 10:36	0	0
190	9/17/2019 10:37	0	0
191	9/17/2019 10:38	0	0
192	9/17/2019 10:39	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

193	9/17/2019 10:40	0	0
194	9/17/2019 10:41	0	0
195	9/17/2019 10:42	0	0
196	9/17/2019 10:43	0	0
197	9/17/2019 10:44	0	0
198	9/17/2019 10:45	0	0
199	9/17/2019 10:46	0	0
200	9/17/2019 10:47	0	0
201	9/17/2019 10:48	0	0
202	9/17/2019 10:49	0	0
203	9/17/2019 10:50	0	0
204	9/17/2019 10:51	0	0
205	9/17/2019 10:52	0	0
206	9/17/2019 10:53	0	0
207	9/17/2019 10:54	0	0
208	9/17/2019 10:55	0	0
209	9/17/2019 10:56	0	0
210	9/17/2019 10:57	0	0
211	9/17/2019 10:58	0	0
212	9/17/2019 10:59	0	0
213	9/17/2019 11:00	0	0
214	9/17/2019 11:01	0	0
215	9/17/2019 11:02	0	0
216	9/17/2019 11:03	0	0
217	9/17/2019 11:04	0	0
218	9/17/2019 11:05	0	0
219	9/17/2019 11:06	0	0
220	9/17/2019 11:07	0	0
221	9/17/2019 11:08	0	0
222	9/17/2019 11:09	0	0
223	9/17/2019 11:10	0	0
224	9/17/2019 11:11	0	0
225	9/17/2019 11:12	0	0
226	9/17/2019 11:13	0	0
227	9/17/2019 11:14	0	0
228	9/17/2019 11:15	0	0
229	9/17/2019 11:16	0	0
230	9/17/2019 11:17	0	0
231	9/17/2019 11:18	0	0
232	9/17/2019 11:19	0	0
233	9/17/2019 11:20	0	0
234	9/17/2019 11:21	0	0
235	9/17/2019 11:22	0	0
236	9/17/2019 11:23	0	0
237	9/17/2019 11:24	0	0
238	9/17/2019 11:25	0	0
239	9/17/2019 11:26	0	0
240	9/17/2019 11:27	0	0
241	9/17/2019 11:28	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

242	9/17/2019 11:29	0	0
243	9/17/2019 11:30	0	0
244	9/17/2019 11:31	0	0
245	9/17/2019 11:32	0	0
246	9/17/2019 11:33	0	0
247	9/17/2019 11:34	0	0
248	9/17/2019 11:35	0	0
249	9/17/2019 11:36	0	0
250	9/17/2019 11:37	0	0
251	9/17/2019 11:38	0	0
252	9/17/2019 11:39	0	0
253	9/17/2019 11:40	0	0
254	9/17/2019 11:41	0	0
255	9/17/2019 11:42	0	0
256	9/17/2019 11:43	0	0
257	9/17/2019 11:44	0	0
258	9/17/2019 11:45	0	0
259	9/17/2019 11:46	0	0
260	9/17/2019 11:47	0	0
261	9/17/2019 11:48	0	0
262	9/17/2019 11:49	0	0
263	9/17/2019 11:50	0	0
264	9/17/2019 11:51	0	0
265	9/17/2019 11:52	0	0
266	9/17/2019 11:53	0	0
267	9/17/2019 11:54	0	0
268	9/17/2019 11:55	0	0
269	9/17/2019 11:56	0	0
270	9/17/2019 11:57	0	0
271	9/17/2019 11:58	0	0
272	9/17/2019 11:59	0	0
273	9/17/2019 12:00	0	0
274	9/17/2019 12:01	0	0
275	9/17/2019 12:02	0	0
276	9/17/2019 12:03	0	0
277	9/17/2019 12:04	0	0
278	9/17/2019 12:05	0	0
279	9/17/2019 12:06	0	0
280	9/17/2019 12:07	0	0
281	9/17/2019 12:08	0	0
282	9/17/2019 12:09	0	0
283	9/17/2019 12:10	0	0
284	9/17/2019 12:11	0	0
285	9/17/2019 12:12	0	0
286	9/17/2019 12:13	0	0
287	9/17/2019 12:14	0	0
288	9/17/2019 12:15	0	0
289	9/17/2019 12:16	0	0
290	9/17/2019 12:17	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

291	9/17/2019 12:18	0	0
292	9/17/2019 12:19	0	0
293	9/17/2019 12:20	0	0
294	9/17/2019 12:21	0	0
295	9/17/2019 12:22	0	0
296	9/17/2019 12:23	0	0
297	9/17/2019 12:24	0	0
298	9/17/2019 12:25	0	0
299	9/17/2019 12:26	0	0
300	9/17/2019 12:27	0	0
301	9/17/2019 12:28	0	0
302	9/17/2019 12:29	0	0
303	9/17/2019 12:30	0	0
304	9/17/2019 12:31	0	0
305	9/17/2019 12:32	0	0
306	9/17/2019 12:33	0	0
307	9/17/2019 12:34	0	0
308	9/17/2019 12:35	0	0
309	9/17/2019 12:36	0	0
310	9/17/2019 12:37	0	0
311	9/17/2019 12:38	0	0
312	9/17/2019 12:39	0	0
313	9/17/2019 12:40	0	0
314	9/17/2019 12:41	0	0
315	9/17/2019 12:42	0	0
316	9/17/2019 12:43	0	0
317	9/17/2019 12:44	0	0
318	9/17/2019 12:45	0	0
319	9/17/2019 12:46	0	0
320	9/17/2019 12:47	0	0
321	9/17/2019 12:48	0	0
322	9/17/2019 12:49	0	0
323	9/17/2019 12:50	0	0
324	9/17/2019 12:51	0	0
325	9/17/2019 12:52	0	0
326	9/17/2019 12:53	0	0
327	9/17/2019 12:54	0	0
328	9/17/2019 12:55	0	0
329	9/17/2019 12:56	0	0
330	9/17/2019 12:57	0	0
331	9/17/2019 12:58	0	0
332	9/17/2019 12:59	0	0
333	9/17/2019 13:00	0	0
334	9/17/2019 13:01	0	0
335	9/17/2019 13:02	0	0
336	9/17/2019 13:03	0	0
337	9/17/2019 13:04	0	0
338	9/17/2019 13:05	0	0
339	9/17/2019 13:06	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

340	9/17/2019 13:07	0	0
341	9/17/2019 13:08	0	0
342	9/17/2019 13:09	0	0
343	9/17/2019 13:10	0	0
344	9/17/2019 13:11	0	0
345	9/17/2019 13:12	0	0
346	9/17/2019 13:13	0	0
347	9/17/2019 13:14	0	0
348	9/17/2019 13:15	0	0
349	9/17/2019 13:16	0	0
350	9/17/2019 13:17	0	0
351	9/17/2019 13:18	0	0
352	9/17/2019 13:19	0	0
353	9/17/2019 13:20	0	0
354	9/17/2019 13:21	0	0
355	9/17/2019 13:22	0	0
356	9/17/2019 13:23	0	0
357	9/17/2019 13:24	0	0
358	9/17/2019 13:25	0	0
359	9/17/2019 13:26	0	0
360	9/17/2019 13:27	0	0
361	9/17/2019 13:28	0	0
362	9/17/2019 13:29	0	0
363	9/17/2019 13:30	0	0
364	9/17/2019 13:31	0	0
365	9/17/2019 13:32	0	0
366	9/17/2019 13:33	0	0
367	9/17/2019 13:34	0	0
368	9/17/2019 13:35	0	0
369	9/17/2019 13:36	0	0
370	9/17/2019 13:37	0	0
371	9/17/2019 13:38	0	0
372	9/17/2019 13:39	0	0
373	9/17/2019 13:40	0	0
374	9/17/2019 13:41	0	0
375	9/17/2019 13:42	0	0
376	9/17/2019 13:43	0	0
377	9/17/2019 13:44	0	0
378	9/17/2019 13:45	0	0
379	9/17/2019 13:46	0	0
380	9/17/2019 13:47	0	0
381	9/17/2019 13:48	0	0
382	9/17/2019 13:49	0	0
383	9/17/2019 13:50	0	0
384	9/17/2019 13:51	0	0
385	9/17/2019 13:52	0	0
386	9/17/2019 13:53	0	0
387	9/17/2019 13:54	0	0
388	9/17/2019 13:55	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

389	9/17/2019 13:56	0	0
390	9/17/2019 13:57	0	0
391	9/17/2019 13:58	0	0
392	9/17/2019 13:59	0	0
393	9/17/2019 14:00	0	0
394	9/17/2019 14:01	0	0
395	9/17/2019 14:02	0	0
396	9/17/2019 14:03	0	0
397	9/17/2019 14:04	0	0
398	9/17/2019 14:05	0	0
399	9/17/2019 14:06	0	0
400	9/17/2019 14:07	0	0
401	9/17/2019 14:08	0	0
402	9/17/2019 14:09	0	0
403	9/17/2019 14:10	0	0
404	9/17/2019 14:11	0	0
405	9/17/2019 14:12	0	0
406	9/17/2019 14:13	0	0
407	9/17/2019 14:14	0	0
408	9/17/2019 14:15	0	0
409	9/17/2019 14:16	0	0
410	9/17/2019 14:17	0	0
411	9/17/2019 14:18	0	0
412	9/17/2019 14:19	0	0
413	9/17/2019 14:20	0	0
414	9/17/2019 14:21	0	0
415	9/17/2019 14:22	0	0
416	9/17/2019 14:23	0	0
417	9/17/2019 14:24	0	0
418	9/17/2019 14:25	0	0
419	9/17/2019 14:26	0	0
420	9/17/2019 14:27	0	0
421	9/17/2019 14:28	0	0
422	9/17/2019 14:29	0	0
423	9/17/2019 14:30	0	0
424	9/17/2019 14:31	0	0
425	9/17/2019 14:32	0	0
426	9/17/2019 14:33	0	0
427	9/17/2019 14:34	0	0
428	9/17/2019 14:35	0	0
429	9/17/2019 14:36	0	0
430	9/17/2019 14:37	0	0
431	9/17/2019 14:38	0	0
432	9/17/2019 14:39	0	0
433	9/17/2019 14:40	0	0
434	9/17/2019 14:41	0	0
435	9/17/2019 14:42	0	0
436	9/17/2019 14:43	0	0
437	9/17/2019 14:44	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

438	9/17/2019 14:45	0	0
439	9/17/2019 14:46	0	0
440	9/17/2019 14:47	0	0
441	9/17/2019 14:48	0	0
442	9/17/2019 14:49	0	0
443	9/17/2019 14:50	0	0
444	9/17/2019 14:51	0	0
445	9/17/2019 14:52	0	0
446	9/17/2019 14:53	0	0
447	9/17/2019 14:54	0	0
448	9/17/2019 14:55	0	0
449	9/17/2019 14:56	0	0
450	9/17/2019 14:57	0	0
451	9/17/2019 14:58	0	0
452	9/17/2019 14:59	0	0
453	9/17/2019 15:00	0	0
454	9/17/2019 15:01	0	0
455	9/17/2019 15:02	0	0
456	9/17/2019 15:03	0	0
457	9/17/2019 15:04	0	0
458	9/17/2019 15:05	0	0
459	9/17/2019 15:06	0	0
460	9/17/2019 15:07	0	0
461	9/17/2019 15:08	0	0
462	9/17/2019 15:09	0	0
463	9/17/2019 15:10	0	0
464	9/17/2019 15:11	0	0
465	9/17/2019 15:12	0	0
466	9/17/2019 15:13	0	0
467	9/17/2019 15:14	0	0
468	9/17/2019 15:15	0	0
469	9/17/2019 15:16	0	0
470	9/17/2019 15:17	0	0
471	9/17/2019 15:18	0	0
472	9/17/2019 15:19	0	0
473	9/17/2019 15:20	0	0
474	9/17/2019 15:21	0	0
475	9/17/2019 15:22	0	0
476	9/17/2019 15:23	0	0
477	9/17/2019 15:24	0	0
478	9/17/2019 15:25	0	0
479	9/17/2019 15:26	0	0
480	9/17/2019 15:27	0	0
481	9/17/2019 15:28	0	0
482	9/17/2019 15:29	0	0
483	9/17/2019 15:30	0	0
484	9/17/2019 15:31	0	0
485	9/17/2019 15:32	0	0
486	9/17/2019 15:33	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

487	9/17/2019 15:34	0	0
488	9/17/2019 15:35	0	0
489	9/17/2019 15:36	0	0
490	9/17/2019 15:37	0	0
491	9/17/2019 15:38	0	0
492	9/17/2019 15:39	0	0
493	9/17/2019 15:40	0	0
494	9/17/2019 15:41	0	0
495	9/17/2019 15:42	0	0
496	9/17/2019 15:43	0	0
497	9/17/2019 15:44	0	0
498	9/17/2019 15:45	0	0
499	9/17/2019 15:46	0	0
500	9/17/2019 15:47	0	0
501	9/17/2019 15:48	0	0
502	9/17/2019 15:49	0	0
503	9/17/2019 15:50	0	0
504	9/17/2019 15:51	0	0
505	9/17/2019 15:52	0	0
506	9/17/2019 15:53	0	0
507	9/17/2019 15:54	0	0
508	9/17/2019 15:55	0	0
509	9/17/2019 15:56	0	0
510	9/17/2019 15:57	0	0
511	9/17/2019 15:58	0	0
512	9/17/2019 15:59	0	0
513	9/17/2019 16:00	0	0
514	9/17/2019 16:01	0	0
515	9/17/2019 16:02	0	0
516	9/17/2019 16:03	0	0
517	9/17/2019 16:04	0	0
518	9/17/2019 16:05	0	0
519	9/17/2019 16:06	0	0
520	9/17/2019 16:07	0	0
521	9/17/2019 16:08	0	0
522	9/17/2019 16:09	0	0
523	9/17/2019 16:10	0	0
524	9/17/2019 16:11	0	0
525	9/17/2019 16:12	0	0
526	9/17/2019 16:13	0	0
527	9/17/2019 16:14	0	0
528	9/17/2019 16:15	0	0
529	9/17/2019 16:16	0	0
530	9/17/2019 16:17	0	0
531	9/17/2019 16:18	0	0
532	9/17/2019 16:19	0	0
533	9/17/2019 16:20	0	0
534	9/17/2019 16:21	0	0
535	9/17/2019 16:22	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

536	9/17/2019 16:23	0	0
537	9/17/2019 16:24	0	0
538	9/17/2019 16:25	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/18 07:23

****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/18/2019 7:23
End	9/18/2019 17:12
Sample Period(s)	60
Number of Records	588

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/12/2019 8:54
Peak	0.1
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/18/2019 7:24	0	0.3	0
2	9/18/2019 7:25	0	0	0
3	9/18/2019 7:26	0	0	0
4	9/18/2019 7:27	0	0	0
5	9/18/2019 7:28	0	0	0
6	9/18/2019 7:29	0	0	0
7	9/18/2019 7:30	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/18/2019 7:31	0	0	0
9	9/18/2019 7:32	0	0	0
10	9/18/2019 7:33	0	0	0
11	9/18/2019 7:34	0	0	0
12	9/18/2019 7:35	0	0	0
13	9/18/2019 7:36	0	0	0
14	9/18/2019 7:37	0	0	0
15	9/18/2019 7:38	0	0	0
16	9/18/2019 7:39	0	0	0
17	9/18/2019 7:40	0	0	0
18	9/18/2019 7:41	0	0	0
19	9/18/2019 7:42	0	0	0
20	9/18/2019 7:43	0	0	0
21	9/18/2019 7:44	0	0	0
22	9/18/2019 7:45	0	0	0
23	9/18/2019 7:46	0	0	0
24	9/18/2019 7:47	0	0	0
25	9/18/2019 7:48	0	0	0
26	9/18/2019 7:49	0	0	0
27	9/18/2019 7:50	0	0	0
28	9/18/2019 7:51	0	0	0
29	9/18/2019 7:52	0	0	0
30	9/18/2019 7:53	0	0	0
31	9/18/2019 7:54	0	0	0
32	9/18/2019 7:55	0	0	0
33	9/18/2019 7:56	0	0	0
34	9/18/2019 7:57	0	0	0
35	9/18/2019 7:58	0	0	0
36	9/18/2019 7:59	0	0	0
37	9/18/2019 8:00	0	0	0
38	9/18/2019 8:01	0	0	0
39	9/18/2019 8:02	0	0	0
40	9/18/2019 8:03	0	0	0
41	9/18/2019 8:04	0	0	0
42	9/18/2019 8:05	0	0	0
43	9/18/2019 8:06	0	0	0
44	9/18/2019 8:07	0	0	0
45	9/18/2019 8:08	0	0	0
46	9/18/2019 8:09	0	0	0
47	9/18/2019 8:10	0	0	0
48	9/18/2019 8:11	0	0	0
49	9/18/2019 8:12	0	0	0
50	9/18/2019 8:13	0	0	0
51	9/18/2019 8:14	0	0	0
52	9/18/2019 8:15	0	0	0
53	9/18/2019 8:16	0	0	0
54	9/18/2019 8:17	0	0	0
55	9/18/2019 8:18	0	0	0
56	9/18/2019 8:19	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/18/2019 8:20	0	0	0
58	9/18/2019 8:21	0	0	0
59	9/18/2019 8:22	0	0	0
60	9/18/2019 8:23	0	0	0
61	9/18/2019 8:24	0	0	0
62	9/18/2019 8:25	0	0	0
63	9/18/2019 8:26	0	0	0
64	9/18/2019 8:27	0	0.1	0.1
65	9/18/2019 8:28	0.1	0.1	0
66	9/18/2019 8:29	0	0	0
67	9/18/2019 8:30	0	0	0
68	9/18/2019 8:31	0	0	0
69	9/18/2019 8:32	0	0	0
70	9/18/2019 8:33	0	0	0
71	9/18/2019 8:34	0	0	0
72	9/18/2019 8:35	0	0	0
73	9/18/2019 8:36	0	0	0
74	9/18/2019 8:37	0	0	0
75	9/18/2019 8:38	0	0	0
76	9/18/2019 8:39	0	0	0
77	9/18/2019 8:40	0	0	0
78	9/18/2019 8:41	0	0	0
79	9/18/2019 8:42	0	0	0
80	9/18/2019 8:43	0	0	0
81	9/18/2019 8:44	0	0	0
82	9/18/2019 8:45	0	0	0
83	9/18/2019 8:46	0	0	0
84	9/18/2019 8:47	0	0	0
85	9/18/2019 8:48	0	0	0
86	9/18/2019 8:49	0	0	0
87	9/18/2019 8:50	0	0	0
88	9/18/2019 8:51	0	0	0
89	9/18/2019 8:52	0	0	0
90	9/18/2019 8:53	0	0	0
91	9/18/2019 8:54	0	0	0
92	9/18/2019 8:55	0	0	0
93	9/18/2019 8:56	0	0	0
94	9/18/2019 8:57	0	0	0
95	9/18/2019 8:58	0	0	0
96	9/18/2019 8:59	0	0	0
97	9/18/2019 9:00	0	0	0
98	9/18/2019 9:01	0	0	0
99	9/18/2019 9:02	0	0	0
100	9/18/2019 9:03	0	0	0
101	9/18/2019 9:04	0	0	0
102	9/18/2019 9:05	0	0	0
103	9/18/2019 9:06	0	0	0
104	9/18/2019 9:07	0	0	0
105	9/18/2019 9:08	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/18/2019 9:09	0	0	0
107	9/18/2019 9:10	0	0	0
108	9/18/2019 9:11	0	0.1	0
109	9/18/2019 9:12	0	0	0
110	9/18/2019 9:13	0	0	0
111	9/18/2019 9:14	0	0	0
112	9/18/2019 9:15	0	0	0
113	9/18/2019 9:16	0	0	0
114	9/18/2019 9:17	0	0	0
115	9/18/2019 9:18	0	0	0
116	9/18/2019 9:19	0	0	0
117	9/18/2019 9:20	0	0	0
118	9/18/2019 9:21	0	0	0
119	9/18/2019 9:22	0	0.1	0.1
120	9/18/2019 9:23	0.1	0.1	0
121	9/18/2019 9:24	0.1	0.1	0.1
122	9/18/2019 9:25	0.1	0.1	0.1
123	9/18/2019 9:26	0.1	0.1	0
124	9/18/2019 9:27	0	0.1	0
125	9/18/2019 9:28	0	0	0
126	9/18/2019 9:29	0	0	0
127	9/18/2019 9:30	0	0	0
128	9/18/2019 9:31	0	0.1	0
129	9/18/2019 9:32	0	0.1	0
130	9/18/2019 9:33	0	0	0
131	9/18/2019 9:34	0	0.1	0.1
132	9/18/2019 9:35	0	0.1	0
133	9/18/2019 9:36	0	0.1	0
134	9/18/2019 9:37	0	0	0
135	9/18/2019 9:38	0	0	0
136	9/18/2019 9:39	0	0	0
137	9/18/2019 9:40	0	0	0
138	9/18/2019 9:41	0	0	0
139	9/18/2019 9:42	0	0	0
140	9/18/2019 9:43	0	0	0
141	9/18/2019 9:44	0	0	0
142	9/18/2019 9:45	0	0	0
143	9/18/2019 9:46	0	0	0
144	9/18/2019 9:47	0	0	0
145	9/18/2019 9:48	0	0	0
146	9/18/2019 9:49	0	0	0
147	9/18/2019 9:50	0	0	0
148	9/18/2019 9:51	0	0	0
149	9/18/2019 9:52	0	0	0
150	9/18/2019 9:53	0	0	0
151	9/18/2019 9:54	0	0	0
152	9/18/2019 9:55	0	0	0
153	9/18/2019 9:56	0	0	0
154	9/18/2019 9:57	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

155	9/18/2019 9:58	0	0	0
156	9/18/2019 9:59	0	0	0
157	9/18/2019 10:00	0	0	0
158	9/18/2019 10:01	0	0	0
159	9/18/2019 10:02	0	0	0
160	9/18/2019 10:03	0	0	0
161	9/18/2019 10:04	0	0	0
162	9/18/2019 10:05	0	0	0
163	9/18/2019 10:06	0	0	0
164	9/18/2019 10:07	0	0	0
165	9/18/2019 10:08	0	0	0
166	9/18/2019 10:09	0	0	0
167	9/18/2019 10:10	0	0	0
168	9/18/2019 10:11	0	0	0
169	9/18/2019 10:12	0	0	0
170	9/18/2019 10:13	0	0	0
171	9/18/2019 10:14	0	0	0
172	9/18/2019 10:15	0	0	0
173	9/18/2019 10:16	0	0	0
174	9/18/2019 10:17	0	0	0
175	9/18/2019 10:18	0	0	0
176	9/18/2019 10:19	0	0.1	0
177	9/18/2019 10:20	0	0	0
178	9/18/2019 10:21	0	0	0
179	9/18/2019 10:22	0	0	0
180	9/18/2019 10:23	0	0	0
181	9/18/2019 10:24	0	0.1	0
182	9/18/2019 10:25	0	0	0
183	9/18/2019 10:26	0	0	0
184	9/18/2019 10:27	0	0	0
185	9/18/2019 10:28	0	0.1	0
186	9/18/2019 10:29	0	0.1	0
187	9/18/2019 10:30	0	0	0
188	9/18/2019 10:31	0	0	0
189	9/18/2019 10:32	0	0	0
190	9/18/2019 10:33	0	0	0
191	9/18/2019 10:34	0	0.1	0
192	9/18/2019 10:35	0	0.1	0
193	9/18/2019 10:36	0	0	0
194	9/18/2019 10:37	0	0.1	0.1
195	9/18/2019 10:38	0.1	0.1	0.1
196	9/18/2019 10:39	0	0.1	0
197	9/18/2019 10:40	0	0.1	0
198	9/18/2019 10:41	0	0	0
199	9/18/2019 10:42	0	0	0
200	9/18/2019 10:43	0	0	0
201	9/18/2019 10:44	0	0	0
202	9/18/2019 10:45	0	0	0
203	9/18/2019 10:46	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

204	9/18/2019 10:47	0	0	0
205	9/18/2019 10:48	0	0	0
206	9/18/2019 10:49	0	0.1	0
207	9/18/2019 10:50	0	0.1	0
208	9/18/2019 10:51	0.1	0.1	0
209	9/18/2019 10:52	0	0.1	0.1
210	9/18/2019 10:53	0	0.1	0.1
211	9/18/2019 10:54	0	0.1	0
212	9/18/2019 10:55	0	0.1	0
213	9/18/2019 10:56	0	0	0
214	9/18/2019 10:57	0	0.1	0
215	9/18/2019 10:58	0	0	0
216	9/18/2019 10:59	0	0.1	0.1
217	9/18/2019 11:00	0	0.1	0
218	9/18/2019 11:01	0	0.1	0.1
219	9/18/2019 11:02	0	0.1	0.1
220	9/18/2019 11:03	0	0.1	0
221	9/18/2019 11:04	0	0.1	0.1
222	9/18/2019 11:05	0	0.1	0
223	9/18/2019 11:06	0	0.1	0.1
224	9/18/2019 11:07	0.1	0.1	0.1
225	9/18/2019 11:08	0	0.1	0
226	9/18/2019 11:09	0	0	0
227	9/18/2019 11:10	0	0	0
228	9/18/2019 11:11	0	0	0
229	9/18/2019 11:12	0	0	0
230	9/18/2019 11:13	0	0	0
231	9/18/2019 11:14	0	0	0
232	9/18/2019 11:15	0	0	0
233	9/18/2019 11:16	0	0	0
234	9/18/2019 11:17	0	0.1	0
235	9/18/2019 11:18	0	0.1	0
236	9/18/2019 11:19	0.1	0.1	0.1
237	9/18/2019 11:20	0	0.1	0
238	9/18/2019 11:21	0	0	0
239	9/18/2019 11:22	0	0.1	0
240	9/18/2019 11:23	0	0	0
241	9/18/2019 11:24	0	0	0
242	9/18/2019 11:25	0	0.1	0
243	9/18/2019 11:26	0	0.1	0.1
244	9/18/2019 11:27	0	0.1	0
245	9/18/2019 11:28	0	0	0
246	9/18/2019 11:29	0	0	0
247	9/18/2019 11:30	0	0	0
248	9/18/2019 11:31	0	0	0
249	9/18/2019 11:32	0	0	0
250	9/18/2019 11:33	0	0	0
251	9/18/2019 11:34	0	0	0
252	9/18/2019 11:35	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

253	9/18/2019 11:36	0	0	0
254	9/18/2019 11:37	0	0	0
255	9/18/2019 11:38	0	0	0
256	9/18/2019 11:39	0	0	0
257	9/18/2019 11:40	0	0	0
258	9/18/2019 11:41	0	0	0
259	9/18/2019 11:42	0	0	0
260	9/18/2019 11:43	0	0	0
261	9/18/2019 11:44	0	0	0
262	9/18/2019 11:45	0	0	0
263	9/18/2019 11:46	0	0	0
264	9/18/2019 11:47	0	0	0
265	9/18/2019 11:48	0	0	0
266	9/18/2019 11:49	0	0	0
267	9/18/2019 11:50	0	0	0
268	9/18/2019 11:51	0	0	0
269	9/18/2019 11:52	0	0	0
270	9/18/2019 11:53	0	0	0
271	9/18/2019 11:54	0	0	0
272	9/18/2019 11:55	0	0	0
273	9/18/2019 11:56	0	0	0
274	9/18/2019 11:57	0	0	0
275	9/18/2019 11:58	0	0	0
276	9/18/2019 11:59	0	0	0
277	9/18/2019 12:00	0	0	0
278	9/18/2019 12:01	0	0	0
279	9/18/2019 12:02	0	0	0
280	9/18/2019 12:03	0	0	0
281	9/18/2019 12:04	0	0	0
282	9/18/2019 12:05	0	0	0
283	9/18/2019 12:06	0	0	0
284	9/18/2019 12:07	0	0	0
285	9/18/2019 12:08	0	0.1	0.1
286	9/18/2019 12:09	0.1	0.1	0
287	9/18/2019 12:10	0	0	0
288	9/18/2019 12:11	0	0	0
289	9/18/2019 12:12	0	0	0
290	9/18/2019 12:13	0	0	0
291	9/18/2019 12:14	0	0	0
292	9/18/2019 12:15	0	0	0
293	9/18/2019 12:16	0	0.1	0
294	9/18/2019 12:17	0	0	0
295	9/18/2019 12:18	0	0	0
296	9/18/2019 12:19	0	0.1	0.1
297	9/18/2019 12:20	0.1	0.1	0
298	9/18/2019 12:21	0	0.1	0
299	9/18/2019 12:22	0	0.1	0.1
300	9/18/2019 12:23	0.1	0.1	0
301	9/18/2019 12:24	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

302	9/18/2019 12:25	0.1	0.1	0.1
303	9/18/2019 12:26	0.1	0.1	0.1
304	9/18/2019 12:27	0.1	0.1	0.1
305	9/18/2019 12:28	0.1	0.1	0.1
306	9/18/2019 12:29	0.1	0.1	0.1
307	9/18/2019 12:30	0.1	0.1	0.1
308	9/18/2019 12:31	0	0.1	0.1
309	9/18/2019 12:32	0	0.1	0
310	9/18/2019 12:33	0.1	0.1	0.1
311	9/18/2019 12:34	0	0.1	0
312	9/18/2019 12:35	0	0.1	0.1
313	9/18/2019 12:36	0.1	0.1	0.1
314	9/18/2019 12:37	0.1	0.1	0
315	9/18/2019 12:38	0	0.1	0.1
316	9/18/2019 12:39	0.1	0.1	0
317	9/18/2019 12:40	0.1	0.1	0.1
318	9/18/2019 12:41	0	0.1	0.1
319	9/18/2019 12:42	0	0.1	0
320	9/18/2019 12:43	0	0.1	0
321	9/18/2019 12:44	0	0	0
322	9/18/2019 12:45	0	0.1	0
323	9/18/2019 12:46	0	0.1	0
324	9/18/2019 12:47	0	0	0
325	9/18/2019 12:48	0	0	0
326	9/18/2019 12:49	0	0	0
327	9/18/2019 12:50	0.1	0.1	0.1
328	9/18/2019 12:51	0.1	0.1	0.1
329	9/18/2019 12:52	0.1	0.1	0
330	9/18/2019 12:53	0.1	0.1	0
331	9/18/2019 12:54	0.1	0.2	0.1
332	9/18/2019 12:55	0	0.1	0
333	9/18/2019 12:56	0	0	0
334	9/18/2019 12:57	0	0	0
335	9/18/2019 12:58	0	0.1	0
336	9/18/2019 12:59	0	0	0
337	9/18/2019 13:00	0	0	0
338	9/18/2019 13:01	0	0	0
339	9/18/2019 13:02	0	0	0
340	9/18/2019 13:03	0	0	0
341	9/18/2019 13:04	0	0	0
342	9/18/2019 13:05	0	0	0
343	9/18/2019 13:06	0	0	0
344	9/18/2019 13:07	0	0	0
345	9/18/2019 13:08	0	0	0
346	9/18/2019 13:09	0	0	0
347	9/18/2019 13:10	0	0	0
348	9/18/2019 13:11	0	0	0
349	9/18/2019 13:12	0	0	0
350	9/18/2019 13:13	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

351	9/18/2019 13:14	0	0	0
352	9/18/2019 13:15	0	0	0
353	9/18/2019 13:16	0	0	0
354	9/18/2019 13:17	0	0	0
355	9/18/2019 13:18	0	0	0
356	9/18/2019 13:19	0	0	0
357	9/18/2019 13:20	0	0	0
358	9/18/2019 13:21	0	0	0
359	9/18/2019 13:22	0	0	0
360	9/18/2019 13:23	0	0	0
361	9/18/2019 13:24	0	0	0
362	9/18/2019 13:25	0	0	0
363	9/18/2019 13:26	0	0	0
364	9/18/2019 13:27	0	0	0
365	9/18/2019 13:28	0	0	0
366	9/18/2019 13:29	0	0	0
367	9/18/2019 13:30	0	0	0
368	9/18/2019 13:31	0	0	0
369	9/18/2019 13:32	0	0.1	0
370	9/18/2019 13:33	0	0.1	0
371	9/18/2019 13:34	0	0	0
372	9/18/2019 13:35	0	0	0
373	9/18/2019 13:36	0	0	0
374	9/18/2019 13:37	0	0	0
375	9/18/2019 13:38	0	0	0
376	9/18/2019 13:39	0	0	0
377	9/18/2019 13:40	0	0	0
378	9/18/2019 13:41	0	0	0
379	9/18/2019 13:42	0	0	0
380	9/18/2019 13:43	0	0	0
381	9/18/2019 13:44	0	0	0
382	9/18/2019 13:45	0	0	0
383	9/18/2019 13:46	0	0	0
384	9/18/2019 13:47	0	0	0
385	9/18/2019 13:48	0	0	0
386	9/18/2019 13:49	0	0	0
387	9/18/2019 13:50	0	0	0
388	9/18/2019 13:51	0	0	0
389	9/18/2019 13:52	0	0	0
390	9/18/2019 13:53	0	0	0
391	9/18/2019 13:54	0	0	0
392	9/18/2019 13:55	0	0	0
393	9/18/2019 13:56	0	0	0
394	9/18/2019 13:57	0	0	0
395	9/18/2019 13:58	0	0	0
396	9/18/2019 13:59	0	0	0
397	9/18/2019 14:00	0	0	0
398	9/18/2019 14:01	0	0	0
399	9/18/2019 14:02	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

400	9/18/2019 14:03	0	0	0
401	9/18/2019 14:04	0	0	0
402	9/18/2019 14:05	0	0	0
403	9/18/2019 14:06	0	0	0
404	9/18/2019 14:07	0	0	0
405	9/18/2019 14:08	0	0	0
406	9/18/2019 14:09	0	0	0
407	9/18/2019 14:10	0	0	0
408	9/18/2019 14:11	0	0	0
409	9/18/2019 14:12	0	0	0
410	9/18/2019 14:13	0	0	0
411	9/18/2019 14:14	0	0	0
412	9/18/2019 14:15	0	0	0
413	9/18/2019 14:16	0	0	0
414	9/18/2019 14:17	0	0	0
415	9/18/2019 14:18	0	0	0
416	9/18/2019 14:19	0	0	0
417	9/18/2019 14:20	0	0	0
418	9/18/2019 14:21	0	0	0
419	9/18/2019 14:22	0	0	0
420	9/18/2019 14:23	0	0	0
421	9/18/2019 14:24	0	0	0
422	9/18/2019 14:25	0	0	0
423	9/18/2019 14:26	0	0	0
424	9/18/2019 14:27	0	0	0
425	9/18/2019 14:28	0	0	0
426	9/18/2019 14:29	0	0	0
427	9/18/2019 14:30	0	0	0
428	9/18/2019 14:31	0	0	0
429	9/18/2019 14:32	0	0.1	0
430	9/18/2019 14:33	0	0	0
431	9/18/2019 14:34	0	0	0
432	9/18/2019 14:35	0	0	0
433	9/18/2019 14:36	0	0.1	0.1
434	9/18/2019 14:37	0	0.1	0
435	9/18/2019 14:38	0	0	0
436	9/18/2019 14:39	0	0	0
437	9/18/2019 14:40	0	0	0
438	9/18/2019 14:41	0	0	0
439	9/18/2019 14:42	0	0	0
440	9/18/2019 14:43	0	0	0
441	9/18/2019 14:44	0	0	0
442	9/18/2019 14:45	0	0	0
443	9/18/2019 14:46	0	0	0
444	9/18/2019 14:47	0	0.1	0
445	9/18/2019 14:48	0	0	0
446	9/18/2019 14:49	0	0	0
447	9/18/2019 14:50	0	0	0
448	9/18/2019 14:51	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

449	9/18/2019 14:52	0	0	0
450	9/18/2019 14:53	0	0	0
451	9/18/2019 14:54	0	0	0
452	9/18/2019 14:55	0	0	0
453	9/18/2019 14:56	0	0	0
454	9/18/2019 14:57	0	0	0
455	9/18/2019 14:58	0	0	0
456	9/18/2019 14:59	0	0	0
457	9/18/2019 15:00	0	0	0
458	9/18/2019 15:01	0	0	0
459	9/18/2019 15:02	0	0	0
460	9/18/2019 15:03	0	0	0
461	9/18/2019 15:04	0	0	0
462	9/18/2019 15:05	0	0	0
463	9/18/2019 15:06	0	0	0
464	9/18/2019 15:07	0	0	0
465	9/18/2019 15:08	0	0	0
466	9/18/2019 15:09	0	0	0
467	9/18/2019 15:10	0	0	0
468	9/18/2019 15:11	0	0	0
469	9/18/2019 15:12	0	0	0
470	9/18/2019 15:13	0	0	0
471	9/18/2019 15:14	0	0	0
472	9/18/2019 15:15	0	0	0
473	9/18/2019 15:16	0	0	0
474	9/18/2019 15:17	0	0	0
475	9/18/2019 15:18	0	0	0
476	9/18/2019 15:19	0	0	0
477	9/18/2019 15:20	0	0	0
478	9/18/2019 15:21	0	0	0
479	9/18/2019 15:22	0	0	0
480	9/18/2019 15:23	0	0	0
481	9/18/2019 15:24	0	0	0
482	9/18/2019 15:25	0	0	0
483	9/18/2019 15:26	0	0	0
484	9/18/2019 15:27	0	0	0
485	9/18/2019 15:28	0	0	0
486	9/18/2019 15:29	0	0	0
487	9/18/2019 15:30	0	0	0
488	9/18/2019 15:31	0	0	0
489	9/18/2019 15:32	0	0	0
490	9/18/2019 15:33	0	0	0
491	9/18/2019 15:34	0	0	0
492	9/18/2019 15:35	0	0	0
493	9/18/2019 15:36	0	0	0
494	9/18/2019 15:37	0	0	0
495	9/18/2019 15:38	0	0	0
496	9/18/2019 15:39	0	0	0
497	9/18/2019 15:40	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

498	9/18/2019 15:41	0	0	0
499	9/18/2019 15:42	0	0	0
500	9/18/2019 15:43	0	0	0
501	9/18/2019 15:44	0	0	0
502	9/18/2019 15:45	0	0	0
503	9/18/2019 15:46	0	0	0
504	9/18/2019 15:47	0	0	0
505	9/18/2019 15:48	0	0	0
506	9/18/2019 15:49	0	0	0
507	9/18/2019 15:50	0	0	0
508	9/18/2019 15:51	0	0	0
509	9/18/2019 15:52	0	0	0
510	9/18/2019 15:53	0	0	0
511	9/18/2019 15:54	0	0	0
512	9/18/2019 15:55	0	0	0
513	9/18/2019 15:56	0	0	0
514	9/18/2019 15:57	0	0	0
515	9/18/2019 15:58	0	0	0
516	9/18/2019 15:59	0	0	0
517	9/18/2019 16:00	0	0	0
518	9/18/2019 16:01	0	0	0
519	9/18/2019 16:02	0	0	0
520	9/18/2019 16:03	0	0	0
521	9/18/2019 16:04	0	0	0
522	9/18/2019 16:05	0	0	0
523	9/18/2019 16:06	0	0	0
524	9/18/2019 16:07	0	0	0
525	9/18/2019 16:08	0	0	0
526	9/18/2019 16:09	0	0	0
527	9/18/2019 16:10	0	0	0
528	9/18/2019 16:11	0	0	0
529	9/18/2019 16:12	0	0	0
530	9/18/2019 16:13	0	0	0
531	9/18/2019 16:14	0	0	0
532	9/18/2019 16:15	0	0	0
533	9/18/2019 16:16	0	0	0
534	9/18/2019 16:17	0	0	0
535	9/18/2019 16:18	0	0	0
536	9/18/2019 16:19	0	0	0
537	9/18/2019 16:20	0	0	0
538	9/18/2019 16:21	0	0	0
539	9/18/2019 16:22	0	0	0
540	9/18/2019 16:23	0	0	0
541	9/18/2019 16:24	0	0	0
542	9/18/2019 16:25	0	0	0
543	9/18/2019 16:26	0	0	0
544	9/18/2019 16:27	0	0	0
545	9/18/2019 16:28	0	0	0
546	9/18/2019 16:29	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	547	9/18/2019 16:30	0	0	0
	548	9/18/2019 16:31	0	0	0
	549	9/18/2019 16:32	0	0	0
	550	9/18/2019 16:33	0	0	0
	551	9/18/2019 16:34	0	0	0
	552	9/18/2019 16:35	0	0	0
	553	9/18/2019 16:36	0	0	0
	554	9/18/2019 16:37	0	0	0
	555	9/18/2019 16:38	0	0	0
	556	9/18/2019 16:39	0	0	0
	557	9/18/2019 16:40	0	0	0
	558	9/18/2019 16:41	0	0	0
	559	9/18/2019 16:42	0	0	0
	560	9/18/2019 16:43	0	0	0
	561	9/18/2019 16:44	0	0	0
	562	9/18/2019 16:45	0	0	0
	563	9/18/2019 16:46	0	0	0
	564	9/18/2019 16:47	0	0	0
	565	9/18/2019 16:48	0	0	0
	566	9/18/2019 16:49	0	0	0
	567	9/18/2019 16:50	0	0	0
	568	9/18/2019 16:51	0	0	0
	569	9/18/2019 16:52	0	0	0
	570	9/18/2019 16:53	0	0	0
	571	9/18/2019 16:54	0	0	0
	572	9/18/2019 16:55	0	0	0
	573	9/18/2019 16:56	0	0	0
	574	9/18/2019 16:57	0	0	0
	575	9/18/2019 16:58	0	0	0
	576	9/18/2019 16:59	0	0	0
	577	9/18/2019 17:00	0	0	0
	578	9/18/2019 17:01	0	0	0
	579	9/18/2019 17:02	0	0	0
	580	9/18/2019 17:03	0	0	0
	581	9/18/2019 17:04	0	0	0
	582	9/18/2019 17:05	0	0	0
	583	9/18/2019 17:06	0	0	0
	584	9/18/2019 17:07	0	0	0
	585	9/18/2019 17:08	0	0	0
	586	9/18/2019 17:09	0	0.1	0.1
	587	9/18/2019 17:10	0	0.1	0
	588	9/18/2019 17:11	0	0	0
Peak			0.1	0.3	0.1
Min			0	0	0
Average			0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/18/2019 7:24	0	---
2	9/18/2019 7:25	0	---
3	9/18/2019 7:26	0	---
4	9/18/2019 7:27	0	---
5	9/18/2019 7:28	0	---
6	9/18/2019 7:29	0	---
7	9/18/2019 7:30	0	---
8	9/18/2019 7:31	0	---
9	9/18/2019 7:32	0	---
10	9/18/2019 7:33	0	---
11	9/18/2019 7:34	0	---
12	9/18/2019 7:35	0	---
13	9/18/2019 7:36	0	---
14	9/18/2019 7:37	0	---
15	9/18/2019 7:38	0	0
16	9/18/2019 7:39	0	0
17	9/18/2019 7:40	0	0
18	9/18/2019 7:41	0	0
19	9/18/2019 7:42	0	0
20	9/18/2019 7:43	0	0
21	9/18/2019 7:44	0	0
22	9/18/2019 7:45	0	0
23	9/18/2019 7:46	0	0
24	9/18/2019 7:47	0	0
25	9/18/2019 7:48	0	0
26	9/18/2019 7:49	0	0
27	9/18/2019 7:50	0	0
28	9/18/2019 7:51	0	0
29	9/18/2019 7:52	0	0
30	9/18/2019 7:53	0	0
31	9/18/2019 7:54	0	0
32	9/18/2019 7:55	0	0
33	9/18/2019 7:56	0	0
34	9/18/2019 7:57	0	0
35	9/18/2019 7:58	0	0
36	9/18/2019 7:59	0	0
37	9/18/2019 8:00	0	0
38	9/18/2019 8:01	0	0
39	9/18/2019 8:02	0	0
40	9/18/2019 8:03	0	0
41	9/18/2019 8:04	0	0
42	9/18/2019 8:05	0	0
43	9/18/2019 8:06	0	0
44	9/18/2019 8:07	0	0
45	9/18/2019 8:08	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

46	9/18/2019 8:09	0	0
47	9/18/2019 8:10	0	0
48	9/18/2019 8:11	0	0
49	9/18/2019 8:12	0	0
50	9/18/2019 8:13	0	0
51	9/18/2019 8:14	0	0
52	9/18/2019 8:15	0	0
53	9/18/2019 8:16	0	0
54	9/18/2019 8:17	0	0
55	9/18/2019 8:18	0	0
56	9/18/2019 8:19	0	0
57	9/18/2019 8:20	0	0
58	9/18/2019 8:21	0	0
59	9/18/2019 8:22	0	0
60	9/18/2019 8:23	0	0
61	9/18/2019 8:24	0	0
62	9/18/2019 8:25	0	0
63	9/18/2019 8:26	0	0
64	9/18/2019 8:27	0	0
65	9/18/2019 8:28	0	0
66	9/18/2019 8:29	0	0
67	9/18/2019 8:30	0	0
68	9/18/2019 8:31	0	0
69	9/18/2019 8:32	0	0
70	9/18/2019 8:33	0	0
71	9/18/2019 8:34	0	0
72	9/18/2019 8:35	0	0
73	9/18/2019 8:36	0	0
74	9/18/2019 8:37	0	0
75	9/18/2019 8:38	0	0
76	9/18/2019 8:39	0	0
77	9/18/2019 8:40	0	0
78	9/18/2019 8:41	0	0
79	9/18/2019 8:42	0	0
80	9/18/2019 8:43	0	0
81	9/18/2019 8:44	0	0
82	9/18/2019 8:45	0	0
83	9/18/2019 8:46	0	0
84	9/18/2019 8:47	0	0
85	9/18/2019 8:48	0	0
86	9/18/2019 8:49	0	0
87	9/18/2019 8:50	0	0
88	9/18/2019 8:51	0	0
89	9/18/2019 8:52	0	0
90	9/18/2019 8:53	0	0
91	9/18/2019 8:54	0	0
92	9/18/2019 8:55	0	0
93	9/18/2019 8:56	0	0
94	9/18/2019 8:57	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

95	9/18/2019 8:58	0	0
96	9/18/2019 8:59	0	0
97	9/18/2019 9:00	0	0
98	9/18/2019 9:01	0	0
99	9/18/2019 9:02	0	0
100	9/18/2019 9:03	0	0
101	9/18/2019 9:04	0	0
102	9/18/2019 9:05	0	0
103	9/18/2019 9:06	0	0
104	9/18/2019 9:07	0	0
105	9/18/2019 9:08	0	0
106	9/18/2019 9:09	0	0
107	9/18/2019 9:10	0	0
108	9/18/2019 9:11	0	0
109	9/18/2019 9:12	0	0
110	9/18/2019 9:13	0	0
111	9/18/2019 9:14	0	0
112	9/18/2019 9:15	0	0
113	9/18/2019 9:16	0	0
114	9/18/2019 9:17	0	0
115	9/18/2019 9:18	0	0
116	9/18/2019 9:19	0	0
117	9/18/2019 9:20	0	0
118	9/18/2019 9:21	0	0
119	9/18/2019 9:22	0	0
120	9/18/2019 9:23	0	0
121	9/18/2019 9:24	0	0
122	9/18/2019 9:25	0	0
123	9/18/2019 9:26	0	0
124	9/18/2019 9:27	0	0
125	9/18/2019 9:28	0	0
126	9/18/2019 9:29	0	0
127	9/18/2019 9:30	0	0
128	9/18/2019 9:31	0	0
129	9/18/2019 9:32	0	0
130	9/18/2019 9:33	0	0
131	9/18/2019 9:34	0	0
132	9/18/2019 9:35	0	0
133	9/18/2019 9:36	0	0
134	9/18/2019 9:37	0	0
135	9/18/2019 9:38	0	0
136	9/18/2019 9:39	0	0
137	9/18/2019 9:40	0	0
138	9/18/2019 9:41	0	0
139	9/18/2019 9:42	0	0
140	9/18/2019 9:43	0	0
141	9/18/2019 9:44	0	0
142	9/18/2019 9:45	0	0
143	9/18/2019 9:46	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

144	9/18/2019 9:47	0	0
145	9/18/2019 9:48	0	0
146	9/18/2019 9:49	0	0
147	9/18/2019 9:50	0	0
148	9/18/2019 9:51	0	0
149	9/18/2019 9:52	0	0
150	9/18/2019 9:53	0	0
151	9/18/2019 9:54	0	0
152	9/18/2019 9:55	0	0
153	9/18/2019 9:56	0	0
154	9/18/2019 9:57	0	0
155	9/18/2019 9:58	0	0
156	9/18/2019 9:59	0	0
157	9/18/2019 10:00	0	0
158	9/18/2019 10:01	0	0
159	9/18/2019 10:02	0	0
160	9/18/2019 10:03	0	0
161	9/18/2019 10:04	0	0
162	9/18/2019 10:05	0	0
163	9/18/2019 10:06	0	0
164	9/18/2019 10:07	0	0
165	9/18/2019 10:08	0	0
166	9/18/2019 10:09	0	0
167	9/18/2019 10:10	0	0
168	9/18/2019 10:11	0	0
169	9/18/2019 10:12	0	0
170	9/18/2019 10:13	0	0
171	9/18/2019 10:14	0	0
172	9/18/2019 10:15	0	0
173	9/18/2019 10:16	0	0
174	9/18/2019 10:17	0	0
175	9/18/2019 10:18	0	0
176	9/18/2019 10:19	0	0
177	9/18/2019 10:20	0	0
178	9/18/2019 10:21	0	0
179	9/18/2019 10:22	0	0
180	9/18/2019 10:23	0	0
181	9/18/2019 10:24	0	0
182	9/18/2019 10:25	0	0
183	9/18/2019 10:26	0	0
184	9/18/2019 10:27	0	0
185	9/18/2019 10:28	0	0
186	9/18/2019 10:29	0	0
187	9/18/2019 10:30	0	0
188	9/18/2019 10:31	0	0
189	9/18/2019 10:32	0	0
190	9/18/2019 10:33	0	0
191	9/18/2019 10:34	0	0
192	9/18/2019 10:35	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

193	9/18/2019 10:36	0	0
194	9/18/2019 10:37	0	0
195	9/18/2019 10:38	0	0
196	9/18/2019 10:39	0	0
197	9/18/2019 10:40	0	0
198	9/18/2019 10:41	0	0
199	9/18/2019 10:42	0	0
200	9/18/2019 10:43	0	0
201	9/18/2019 10:44	0	0
202	9/18/2019 10:45	0	0
203	9/18/2019 10:46	0	0
204	9/18/2019 10:47	0	0
205	9/18/2019 10:48	0	0
206	9/18/2019 10:49	0	0
207	9/18/2019 10:50	0	0
208	9/18/2019 10:51	0	0
209	9/18/2019 10:52	0	0
210	9/18/2019 10:53	0	0
211	9/18/2019 10:54	0	0
212	9/18/2019 10:55	0	0
213	9/18/2019 10:56	0	0
214	9/18/2019 10:57	0	0
215	9/18/2019 10:58	0	0
216	9/18/2019 10:59	0	0
217	9/18/2019 11:00	0	0
218	9/18/2019 11:01	0	0
219	9/18/2019 11:02	0	0
220	9/18/2019 11:03	0	0
221	9/18/2019 11:04	0	0
222	9/18/2019 11:05	0	0
223	9/18/2019 11:06	0	0
224	9/18/2019 11:07	0	0
225	9/18/2019 11:08	0	0
226	9/18/2019 11:09	0	0
227	9/18/2019 11:10	0	0
228	9/18/2019 11:11	0	0
229	9/18/2019 11:12	0	0
230	9/18/2019 11:13	0	0
231	9/18/2019 11:14	0	0
232	9/18/2019 11:15	0	0
233	9/18/2019 11:16	0	0
234	9/18/2019 11:17	0	0
235	9/18/2019 11:18	0	0
236	9/18/2019 11:19	0	0
237	9/18/2019 11:20	0	0
238	9/18/2019 11:21	0	0
239	9/18/2019 11:22	0	0
240	9/18/2019 11:23	0	0
241	9/18/2019 11:24	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

242	9/18/2019 11:25	0	0
243	9/18/2019 11:26	0	0
244	9/18/2019 11:27	0	0
245	9/18/2019 11:28	0	0
246	9/18/2019 11:29	0	0
247	9/18/2019 11:30	0	0
248	9/18/2019 11:31	0	0
249	9/18/2019 11:32	0	0
250	9/18/2019 11:33	0	0
251	9/18/2019 11:34	0	0
252	9/18/2019 11:35	0	0
253	9/18/2019 11:36	0	0
254	9/18/2019 11:37	0	0
255	9/18/2019 11:38	0	0
256	9/18/2019 11:39	0	0
257	9/18/2019 11:40	0	0
258	9/18/2019 11:41	0	0
259	9/18/2019 11:42	0	0
260	9/18/2019 11:43	0	0
261	9/18/2019 11:44	0	0
262	9/18/2019 11:45	0	0
263	9/18/2019 11:46	0	0
264	9/18/2019 11:47	0	0
265	9/18/2019 11:48	0	0
266	9/18/2019 11:49	0	0
267	9/18/2019 11:50	0	0
268	9/18/2019 11:51	0	0
269	9/18/2019 11:52	0	0
270	9/18/2019 11:53	0	0
271	9/18/2019 11:54	0	0
272	9/18/2019 11:55	0	0
273	9/18/2019 11:56	0	0
274	9/18/2019 11:57	0	0
275	9/18/2019 11:58	0	0
276	9/18/2019 11:59	0	0
277	9/18/2019 12:00	0	0
278	9/18/2019 12:01	0	0
279	9/18/2019 12:02	0	0
280	9/18/2019 12:03	0	0
281	9/18/2019 12:04	0	0
282	9/18/2019 12:05	0	0
283	9/18/2019 12:06	0	0
284	9/18/2019 12:07	0	0
285	9/18/2019 12:08	0	0
286	9/18/2019 12:09	0	0
287	9/18/2019 12:10	0	0
288	9/18/2019 12:11	0	0
289	9/18/2019 12:12	0	0
290	9/18/2019 12:13	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

291	9/18/2019 12:14	0	0
292	9/18/2019 12:15	0	0
293	9/18/2019 12:16	0	0
294	9/18/2019 12:17	0	0
295	9/18/2019 12:18	0	0
296	9/18/2019 12:19	0	0
297	9/18/2019 12:20	0	0
298	9/18/2019 12:21	0	0
299	9/18/2019 12:22	0	0
300	9/18/2019 12:23	0	0
301	9/18/2019 12:24	0	0
302	9/18/2019 12:25	0	0
303	9/18/2019 12:26	0	0
304	9/18/2019 12:27	0	0
305	9/18/2019 12:28	0	0
306	9/18/2019 12:29	0	0.1
307	9/18/2019 12:30	0	0.1
308	9/18/2019 12:31	0	0.1
309	9/18/2019 12:32	0	0.1
310	9/18/2019 12:33	0	0.1
311	9/18/2019 12:34	0	0.1
312	9/18/2019 12:35	0	0.1
313	9/18/2019 12:36	0	0.1
314	9/18/2019 12:37	0	0.1
315	9/18/2019 12:38	0	0.1
316	9/18/2019 12:39	0	0.1
317	9/18/2019 12:40	0	0.1
318	9/18/2019 12:41	0	0.1
319	9/18/2019 12:42	0	0.1
320	9/18/2019 12:43	0	0.1
321	9/18/2019 12:44	0	0.1
322	9/18/2019 12:45	0	0
323	9/18/2019 12:46	0	0
324	9/18/2019 12:47	0	0
325	9/18/2019 12:48	0	0
326	9/18/2019 12:49	0	0
327	9/18/2019 12:50	0	0
328	9/18/2019 12:51	0	0
329	9/18/2019 12:52	0	0
330	9/18/2019 12:53	0	0
331	9/18/2019 12:54	0	0
332	9/18/2019 12:55	0	0
333	9/18/2019 12:56	0	0
334	9/18/2019 12:57	0	0
335	9/18/2019 12:58	0	0
336	9/18/2019 12:59	0	0
337	9/18/2019 13:00	0	0
338	9/18/2019 13:01	0	0
339	9/18/2019 13:02	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

340	9/18/2019 13:03	0	0
341	9/18/2019 13:04	0	0
342	9/18/2019 13:05	0	0
343	9/18/2019 13:06	0	0
344	9/18/2019 13:07	0	0
345	9/18/2019 13:08	0	0
346	9/18/2019 13:09	0	0
347	9/18/2019 13:10	0	0
348	9/18/2019 13:11	0	0
349	9/18/2019 13:12	0	0
350	9/18/2019 13:13	0	0
351	9/18/2019 13:14	0	0
352	9/18/2019 13:15	0	0
353	9/18/2019 13:16	0	0
354	9/18/2019 13:17	0	0
355	9/18/2019 13:18	0	0
356	9/18/2019 13:19	0	0
357	9/18/2019 13:20	0	0
358	9/18/2019 13:21	0	0
359	9/18/2019 13:22	0	0
360	9/18/2019 13:23	0	0
361	9/18/2019 13:24	0	0
362	9/18/2019 13:25	0	0
363	9/18/2019 13:26	0	0
364	9/18/2019 13:27	0	0
365	9/18/2019 13:28	0	0
366	9/18/2019 13:29	0	0
367	9/18/2019 13:30	0	0
368	9/18/2019 13:31	0	0
369	9/18/2019 13:32	0	0
370	9/18/2019 13:33	0	0
371	9/18/2019 13:34	0	0
372	9/18/2019 13:35	0	0
373	9/18/2019 13:36	0	0
374	9/18/2019 13:37	0	0
375	9/18/2019 13:38	0	0
376	9/18/2019 13:39	0	0
377	9/18/2019 13:40	0	0
378	9/18/2019 13:41	0	0
379	9/18/2019 13:42	0	0
380	9/18/2019 13:43	0	0
381	9/18/2019 13:44	0	0
382	9/18/2019 13:45	0	0
383	9/18/2019 13:46	0	0
384	9/18/2019 13:47	0	0
385	9/18/2019 13:48	0	0
386	9/18/2019 13:49	0	0
387	9/18/2019 13:50	0	0
388	9/18/2019 13:51	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

389	9/18/2019 13:52	0	0
390	9/18/2019 13:53	0	0
391	9/18/2019 13:54	0	0
392	9/18/2019 13:55	0	0
393	9/18/2019 13:56	0	0
394	9/18/2019 13:57	0	0
395	9/18/2019 13:58	0	0
396	9/18/2019 13:59	0	0
397	9/18/2019 14:00	0	0
398	9/18/2019 14:01	0	0
399	9/18/2019 14:02	0	0
400	9/18/2019 14:03	0	0
401	9/18/2019 14:04	0	0
402	9/18/2019 14:05	0	0
403	9/18/2019 14:06	0	0
404	9/18/2019 14:07	0	0
405	9/18/2019 14:08	0	0
406	9/18/2019 14:09	0	0
407	9/18/2019 14:10	0	0
408	9/18/2019 14:11	0	0
409	9/18/2019 14:12	0	0
410	9/18/2019 14:13	0	0
411	9/18/2019 14:14	0	0
412	9/18/2019 14:15	0	0
413	9/18/2019 14:16	0	0
414	9/18/2019 14:17	0	0
415	9/18/2019 14:18	0	0
416	9/18/2019 14:19	0	0
417	9/18/2019 14:20	0	0
418	9/18/2019 14:21	0	0
419	9/18/2019 14:22	0	0
420	9/18/2019 14:23	0	0
421	9/18/2019 14:24	0	0
422	9/18/2019 14:25	0	0
423	9/18/2019 14:26	0	0
424	9/18/2019 14:27	0	0
425	9/18/2019 14:28	0	0
426	9/18/2019 14:29	0	0
427	9/18/2019 14:30	0	0
428	9/18/2019 14:31	0	0
429	9/18/2019 14:32	0	0
430	9/18/2019 14:33	0	0
431	9/18/2019 14:34	0	0
432	9/18/2019 14:35	0	0
433	9/18/2019 14:36	0	0
434	9/18/2019 14:37	0	0
435	9/18/2019 14:38	0	0
436	9/18/2019 14:39	0	0
437	9/18/2019 14:40	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

438	9/18/2019 14:41	0	0
439	9/18/2019 14:42	0	0
440	9/18/2019 14:43	0	0
441	9/18/2019 14:44	0	0
442	9/18/2019 14:45	0	0
443	9/18/2019 14:46	0	0
444	9/18/2019 14:47	0	0
445	9/18/2019 14:48	0	0
446	9/18/2019 14:49	0	0
447	9/18/2019 14:50	0	0
448	9/18/2019 14:51	0	0
449	9/18/2019 14:52	0	0
450	9/18/2019 14:53	0	0
451	9/18/2019 14:54	0	0
452	9/18/2019 14:55	0	0
453	9/18/2019 14:56	0	0
454	9/18/2019 14:57	0	0
455	9/18/2019 14:58	0	0
456	9/18/2019 14:59	0	0
457	9/18/2019 15:00	0	0
458	9/18/2019 15:01	0	0
459	9/18/2019 15:02	0	0
460	9/18/2019 15:03	0	0
461	9/18/2019 15:04	0	0
462	9/18/2019 15:05	0	0
463	9/18/2019 15:06	0	0
464	9/18/2019 15:07	0	0
465	9/18/2019 15:08	0	0
466	9/18/2019 15:09	0	0
467	9/18/2019 15:10	0	0
468	9/18/2019 15:11	0	0
469	9/18/2019 15:12	0	0
470	9/18/2019 15:13	0	0
471	9/18/2019 15:14	0	0
472	9/18/2019 15:15	0	0
473	9/18/2019 15:16	0	0
474	9/18/2019 15:17	0	0
475	9/18/2019 15:18	0	0
476	9/18/2019 15:19	0	0
477	9/18/2019 15:20	0	0
478	9/18/2019 15:21	0	0
479	9/18/2019 15:22	0	0
480	9/18/2019 15:23	0	0
481	9/18/2019 15:24	0	0
482	9/18/2019 15:25	0	0
483	9/18/2019 15:26	0	0
484	9/18/2019 15:27	0	0
485	9/18/2019 15:28	0	0
486	9/18/2019 15:29	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

487	9/18/2019 15:30	0	0
488	9/18/2019 15:31	0	0
489	9/18/2019 15:32	0	0
490	9/18/2019 15:33	0	0
491	9/18/2019 15:34	0	0
492	9/18/2019 15:35	0	0
493	9/18/2019 15:36	0	0
494	9/18/2019 15:37	0	0
495	9/18/2019 15:38	0	0
496	9/18/2019 15:39	0	0
497	9/18/2019 15:40	0	0
498	9/18/2019 15:41	0	0
499	9/18/2019 15:42	0	0
500	9/18/2019 15:43	0	0
501	9/18/2019 15:44	0	0
502	9/18/2019 15:45	0	0
503	9/18/2019 15:46	0	0
504	9/18/2019 15:47	0	0
505	9/18/2019 15:48	0	0
506	9/18/2019 15:49	0	0
507	9/18/2019 15:50	0	0
508	9/18/2019 15:51	0	0
509	9/18/2019 15:52	0	0
510	9/18/2019 15:53	0	0
511	9/18/2019 15:54	0	0
512	9/18/2019 15:55	0	0
513	9/18/2019 15:56	0	0
514	9/18/2019 15:57	0	0
515	9/18/2019 15:58	0	0
516	9/18/2019 15:59	0	0
517	9/18/2019 16:00	0	0
518	9/18/2019 16:01	0	0
519	9/18/2019 16:02	0	0
520	9/18/2019 16:03	0	0
521	9/18/2019 16:04	0	0
522	9/18/2019 16:05	0	0
523	9/18/2019 16:06	0	0
524	9/18/2019 16:07	0	0
525	9/18/2019 16:08	0	0
526	9/18/2019 16:09	0	0
527	9/18/2019 16:10	0	0
528	9/18/2019 16:11	0	0
529	9/18/2019 16:12	0	0
530	9/18/2019 16:13	0	0
531	9/18/2019 16:14	0	0
532	9/18/2019 16:15	0	0
533	9/18/2019 16:16	0	0
534	9/18/2019 16:17	0	0
535	9/18/2019 16:18	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

536	9/18/2019 16:19	0	0
537	9/18/2019 16:20	0	0
538	9/18/2019 16:21	0	0
539	9/18/2019 16:22	0	0
540	9/18/2019 16:23	0	0
541	9/18/2019 16:24	0	0
542	9/18/2019 16:25	0	0
543	9/18/2019 16:26	0	0
544	9/18/2019 16:27	0	0
545	9/18/2019 16:28	0	0
546	9/18/2019 16:29	0	0
547	9/18/2019 16:30	0	0
548	9/18/2019 16:31	0	0
549	9/18/2019 16:32	0	0
550	9/18/2019 16:33	0	0
551	9/18/2019 16:34	0	0
552	9/18/2019 16:35	0	0
553	9/18/2019 16:36	0	0
554	9/18/2019 16:37	0	0
555	9/18/2019 16:38	0	0
556	9/18/2019 16:39	0	0
557	9/18/2019 16:40	0	0
558	9/18/2019 16:41	0	0
559	9/18/2019 16:42	0	0
560	9/18/2019 16:43	0	0
561	9/18/2019 16:44	0	0
562	9/18/2019 16:45	0	0
563	9/18/2019 16:46	0	0
564	9/18/2019 16:47	0	0
565	9/18/2019 16:48	0	0
566	9/18/2019 16:49	0	0
567	9/18/2019 16:50	0	0
568	9/18/2019 16:51	0	0
569	9/18/2019 16:52	0	0
570	9/18/2019 16:53	0	0
571	9/18/2019 16:54	0	0
572	9/18/2019 16:55	0	0
573	9/18/2019 16:56	0	0
574	9/18/2019 16:57	0	0
575	9/18/2019 16:58	0	0
576	9/18/2019 16:59	0	0
577	9/18/2019 17:00	0	0
578	9/18/2019 17:01	0	0
579	9/18/2019 17:02	0	0
580	9/18/2019 17:03	0	0
581	9/18/2019 17:04	0	0
582	9/18/2019 17:05	0	0
583	9/18/2019 17:06	0	0
584	9/18/2019 17:07	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

585	9/18/2019 17:08	0	0
586	9/18/2019 17:09	0	0
587	9/18/2019 17:10	0	0
588	9/18/2019 17:11	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/20 07:00
****
Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/20/2019 7:00
End	9/20/2019 12:10
Sample Period(s)	60
Number of Records	309

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/12/2019 8:54
Peak	0
Min	0
Average	0

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/20/2019 7:01	0	0	0
2	9/20/2019 7:02	0	0	0
3	9/20/2019 7:03	0	0	0
4	9/20/2019 7:04	0	0	0
5	9/20/2019 7:05	0	0	0
6	9/20/2019 7:06	0	0	0
7	9/20/2019 7:07	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/20/2019 7:08	0	0	0
9	9/20/2019 7:09	0	0	0
10	9/20/2019 7:10	0	0	0
11	9/20/2019 7:11	0	0	0
12	9/20/2019 7:12	0	0	0
13	9/20/2019 7:13	0	0	0
14	9/20/2019 7:14	0	0	0
15	9/20/2019 7:15	0	0	0
16	9/20/2019 7:16	0	0	0
17	9/20/2019 7:17	0	0	0
18	9/20/2019 7:18	0	0	0
19	9/20/2019 7:19	0	0	0
20	9/20/2019 7:20	0	0	0
21	9/20/2019 7:21	0	0	0
22	9/20/2019 7:22	0	0	0
23	9/20/2019 7:23	0	0	0
24	9/20/2019 7:24	0	0	0
25	9/20/2019 7:25	0	0	0
26	9/20/2019 7:26	0	0	0
27	9/20/2019 7:27	0	0	0
28	9/20/2019 7:28	0	0	0
29	9/20/2019 7:29	0	0	0
30	9/20/2019 7:30	0	0	0
31	9/20/2019 7:31	0	0	0
32	9/20/2019 7:32	0	0	0
33	9/20/2019 7:33	0	0	0
34	9/20/2019 7:34	0	0	0
35	9/20/2019 7:35	0	0	0
36	9/20/2019 7:36	0	0	0
37	9/20/2019 7:37	0	0	0
38	9/20/2019 7:38	0	0	0
39	9/20/2019 7:39	0	0	0
40	9/20/2019 7:40	0	0	0
41	9/20/2019 7:41	0	0	0
42	9/20/2019 7:42	0	0	0
43	9/20/2019 7:43	0	0	0
44	9/20/2019 7:44	0	0	0
45	9/20/2019 7:45	0	0	0
46	9/20/2019 7:46	0	0	0
47	9/20/2019 7:47	0	0	0
48	9/20/2019 7:48	0	0	0
49	9/20/2019 7:49	0	0	0
50	9/20/2019 7:50	0	0	0
51	9/20/2019 7:51	0	0	0
52	9/20/2019 7:52	0	0	0
53	9/20/2019 7:53	0	0	0
54	9/20/2019 7:54	0	0	0
55	9/20/2019 7:55	0	0	0
56	9/20/2019 7:56	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/20/2019 7:57	0	0	0
58	9/20/2019 7:58	0	0	0
59	9/20/2019 7:59	0	0	0
60	9/20/2019 8:00	0	0	0
61	9/20/2019 8:01	0	0	0
62	9/20/2019 8:02	0	0	0
63	9/20/2019 8:03	0	0	0
64	9/20/2019 8:04	0	0	0
65	9/20/2019 8:05	0	0	0
66	9/20/2019 8:06	0	0	0
67	9/20/2019 8:07	0	0	0
68	9/20/2019 8:08	0	0	0
69	9/20/2019 8:09	0	0	0
70	9/20/2019 8:10	0	0	0
71	9/20/2019 8:11	0	0	0
72	9/20/2019 8:12	0	0	0
73	9/20/2019 8:13	0	0	0
74	9/20/2019 8:14	0	0	0
75	9/20/2019 8:15	0	0	0
76	9/20/2019 8:16	0	0	0
77	9/20/2019 8:17	0	0	0
78	9/20/2019 8:18	0	0	0
79	9/20/2019 8:19	0	0	0
80	9/20/2019 8:20	0	0	0
81	9/20/2019 8:21	0	0	0
82	9/20/2019 8:22	0	0	0
83	9/20/2019 8:23	0	0	0
84	9/20/2019 8:24	0	0	0
85	9/20/2019 8:25	0	0	0
86	9/20/2019 8:26	0	0	0
87	9/20/2019 8:27	0	0	0
88	9/20/2019 8:28	0	0	0
89	9/20/2019 8:29	0	0	0
90	9/20/2019 8:30	0	0	0
91	9/20/2019 8:31	0	0	0
92	9/20/2019 8:32	0	0	0
93	9/20/2019 8:33	0	0	0
94	9/20/2019 8:34	0	0	0
95	9/20/2019 8:35	0	0	0
96	9/20/2019 8:36	0	0	0
97	9/20/2019 8:37	0	0	0
98	9/20/2019 8:38	0	0	0
99	9/20/2019 8:39	0	0	0
100	9/20/2019 8:40	0	0	0
101	9/20/2019 8:41	0	0	0
102	9/20/2019 8:42	0	0	0
103	9/20/2019 8:43	0	0	0
104	9/20/2019 8:44	0	0	0
105	9/20/2019 8:45	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/20/2019 8:46	0	0	0
107	9/20/2019 8:47	0	0	0
108	9/20/2019 8:48	0	0	0
109	9/20/2019 8:49	0	0	0
110	9/20/2019 8:50	0	0	0
111	9/20/2019 8:51	0	0	0
112	9/20/2019 8:52	0	0	0
113	9/20/2019 8:53	0	0	0
114	9/20/2019 8:54	0	0	0
115	9/20/2019 8:55	0	0	0
116	9/20/2019 8:56	0	0	0
117	9/20/2019 8:57	0	0	0
118	9/20/2019 8:58	0	0	0
119	9/20/2019 8:59	0	0	0
120	9/20/2019 9:00	0	0	0
121	9/20/2019 9:01	0	0	0
122	9/20/2019 9:02	0	0	0
123	9/20/2019 9:03	0	0	0
124	9/20/2019 9:04	0	0	0
125	9/20/2019 9:05	0	0	0
126	9/20/2019 9:06	0	0	0
127	9/20/2019 9:07	0	0	0
128	9/20/2019 9:08	0	0	0
129	9/20/2019 9:09	0	0	0
130	9/20/2019 9:10	0	0	0
131	9/20/2019 9:11	0	0	0
132	9/20/2019 9:12	0	0	0
133	9/20/2019 9:13	0	0	0
134	9/20/2019 9:14	0	0	0
135	9/20/2019 9:15	0	0	0
136	9/20/2019 9:16	0	0	0
137	9/20/2019 9:17	0	0	0
138	9/20/2019 9:18	0	0	0
139	9/20/2019 9:19	0	0	0
140	9/20/2019 9:20	0	0	0
141	9/20/2019 9:21	0	0	0
142	9/20/2019 9:22	0	0	0
143	9/20/2019 9:23	0	0	0
144	9/20/2019 9:24	0	0	0
145	9/20/2019 9:25	0	0	0
146	9/20/2019 9:26	0	0	0
147	9/20/2019 9:27	0	0	0
148	9/20/2019 9:28	0	0	0
149	9/20/2019 9:29	0	0	0
150	9/20/2019 9:30	0	0	0
151	9/20/2019 9:31	0	0	0
152	9/20/2019 9:32	0	0	0
153	9/20/2019 9:33	0	0	0
154	9/20/2019 9:34	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

155	9/20/2019 9:35	0	0	0
156	9/20/2019 9:36	0	0	0
157	9/20/2019 9:37	0	0	0
158	9/20/2019 9:38	0	0	0
159	9/20/2019 9:39	0	0	0
160	9/20/2019 9:40	0	0	0
161	9/20/2019 9:41	0	0	0
162	9/20/2019 9:42	0	0	0
163	9/20/2019 9:43	0	0	0
164	9/20/2019 9:44	0	0	0
165	9/20/2019 9:45	0	0	0
166	9/20/2019 9:46	0	0	0
167	9/20/2019 9:47	0	0	0
168	9/20/2019 9:48	0	0	0
169	9/20/2019 9:49	0	0	0
170	9/20/2019 9:50	0	0	0
171	9/20/2019 9:51	0	0	0
172	9/20/2019 9:52	0	0	0
173	9/20/2019 9:53	0	0	0
174	9/20/2019 9:54	0	0	0
175	9/20/2019 9:55	0	0	0
176	9/20/2019 9:56	0	0	0
177	9/20/2019 9:57	0	0	0
178	9/20/2019 9:58	0	0	0
179	9/20/2019 9:59	0	0	0
180	9/20/2019 10:00	0	0	0
181	9/20/2019 10:01	0	0	0
182	9/20/2019 10:02	0	0	0
183	9/20/2019 10:03	0	0	0
184	9/20/2019 10:04	0	0	0
185	9/20/2019 10:05	0	0	0
186	9/20/2019 10:06	0	0	0
187	9/20/2019 10:07	0	0	0
188	9/20/2019 10:08	0	0	0
189	9/20/2019 10:09	0	0	0
190	9/20/2019 10:10	0	0	0
191	9/20/2019 10:11	0	0	0
192	9/20/2019 10:12	0	0	0
193	9/20/2019 10:13	0	0	0
194	9/20/2019 10:14	0	0	0
195	9/20/2019 10:15	0	0	0
196	9/20/2019 10:16	0	0	0
197	9/20/2019 10:17	0	0	0
198	9/20/2019 10:18	0	0	0
199	9/20/2019 10:19	0	0	0
200	9/20/2019 10:20	0	0	0
201	9/20/2019 10:21	0	0	0
202	9/20/2019 10:22	0	0	0
203	9/20/2019 10:23	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

204	9/20/2019 10:24	0	0	0
205	9/20/2019 10:25	0	0	0
206	9/20/2019 10:26	0	0	0
207	9/20/2019 10:27	0	0	0
208	9/20/2019 10:28	0	0	0
209	9/20/2019 10:29	0	0	0
210	9/20/2019 10:30	0	0	0
211	9/20/2019 10:31	0	0	0
212	9/20/2019 10:32	0	0	0
213	9/20/2019 10:33	0	0	0
214	9/20/2019 10:34	0	0	0
215	9/20/2019 10:35	0	0	0
216	9/20/2019 10:36	0	0	0
217	9/20/2019 10:37	0	0	0
218	9/20/2019 10:38	0	0	0
219	9/20/2019 10:39	0	0	0
220	9/20/2019 10:40	0	0	0
221	9/20/2019 10:41	0	0	0
222	9/20/2019 10:42	0	0	0
223	9/20/2019 10:43	0	0	0
224	9/20/2019 10:44	0	0	0
225	9/20/2019 10:45	0	0	0
226	9/20/2019 10:46	0	0	0
227	9/20/2019 10:47	0	0	0
228	9/20/2019 10:48	0	0	0
229	9/20/2019 10:49	0	0	0
230	9/20/2019 10:50	0	0	0
231	9/20/2019 10:51	0	0	0
232	9/20/2019 10:52	0	0	0
233	9/20/2019 10:53	0	0	0
234	9/20/2019 10:54	0	0	0
235	9/20/2019 10:55	0	0	0
236	9/20/2019 10:56	0	0	0
237	9/20/2019 10:57	0	0	0
238	9/20/2019 10:58	0	0	0
239	9/20/2019 10:59	0	0	0
240	9/20/2019 11:00	0	0	0
241	9/20/2019 11:01	0	0	0
242	9/20/2019 11:02	0	0	0
243	9/20/2019 11:03	0	0	0
244	9/20/2019 11:04	0	0	0
245	9/20/2019 11:05	0	0	0
246	9/20/2019 11:06	0	0	0
247	9/20/2019 11:07	0	0	0
248	9/20/2019 11:08	0	0	0
249	9/20/2019 11:09	0	0	0
250	9/20/2019 11:10	0	0	0
251	9/20/2019 11:11	0	0	0
252	9/20/2019 11:12	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

253	9/20/2019 11:13	0	0	0
254	9/20/2019 11:14	0	0	0
255	9/20/2019 11:15	0	0	0
256	9/20/2019 11:16	0	0	0
257	9/20/2019 11:17	0	0	0
258	9/20/2019 11:18	0	0	0
259	9/20/2019 11:19	0	0	0
260	9/20/2019 11:20	0	0	0
261	9/20/2019 11:21	0	0	0
262	9/20/2019 11:22	0	0	0
263	9/20/2019 11:23	0	0	0
264	9/20/2019 11:24	0	0	0
265	9/20/2019 11:25	0	0	0
266	9/20/2019 11:26	0	0	0
267	9/20/2019 11:27	0	0	0
268	9/20/2019 11:28	0	0	0
269	9/20/2019 11:29	0	0	0
270	9/20/2019 11:30	0	0	0
271	9/20/2019 11:31	0	0	0
272	9/20/2019 11:32	0	0	0
273	9/20/2019 11:33	0	0	0
274	9/20/2019 11:34	0	0	0
275	9/20/2019 11:35	0	0	0
276	9/20/2019 11:36	0	0	0
277	9/20/2019 11:37	0	0	0
278	9/20/2019 11:38	0	0	0
279	9/20/2019 11:39	0	0	0
280	9/20/2019 11:40	0	0	0
281	9/20/2019 11:41	0	0	0
282	9/20/2019 11:42	0	0	0
283	9/20/2019 11:43	0	0	0
284	9/20/2019 11:44	0	0	0
285	9/20/2019 11:45	0	0	0
286	9/20/2019 11:46	0	0	0
287	9/20/2019 11:47	0	0	0
288	9/20/2019 11:48	0	0	0
289	9/20/2019 11:49	0	0	0
290	9/20/2019 11:50	0	0	0
291	9/20/2019 11:51	0	0	0
292	9/20/2019 11:52	0	0	0
293	9/20/2019 11:53	0	0	0
294	9/20/2019 11:54	0	0	0
295	9/20/2019 11:55	0	0	0
296	9/20/2019 11:56	0	0	0
297	9/20/2019 11:57	0	0	0
298	9/20/2019 11:58	0	0	0
299	9/20/2019 11:59	0	0	0
300	9/20/2019 12:00	0	0	0
301	9/20/2019 12:01	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	302	9/20/2019 12:02	0	0	0
	303	9/20/2019 12:03	0	0	0
	304	9/20/2019 12:04	0	0	0
	305	9/20/2019 12:05	0	0	0
	306	9/20/2019 12:06	0	0	0
	307	9/20/2019 12:07	0	0	0
	308	9/20/2019 12:08	0	0	0
	309	9/20/2019 12:09	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)	
1	9/20/2019 7:01	0	---	
2	9/20/2019 7:02	0	---	
3	9/20/2019 7:03	0	---	
4	9/20/2019 7:04	0	---	
5	9/20/2019 7:05	0	---	
6	9/20/2019 7:06	0	---	
7	9/20/2019 7:07	0	---	
8	9/20/2019 7:08	0	---	
9	9/20/2019 7:09	0	---	
10	9/20/2019 7:10	0	---	
11	9/20/2019 7:11	0	---	
12	9/20/2019 7:12	0	---	
13	9/20/2019 7:13	0	---	
14	9/20/2019 7:14	0	---	
15	9/20/2019 7:15	0		0
16	9/20/2019 7:16	0		0
17	9/20/2019 7:17	0		0
18	9/20/2019 7:18	0		0
19	9/20/2019 7:19	0		0
20	9/20/2019 7:20	0		0
21	9/20/2019 7:21	0		0
22	9/20/2019 7:22	0		0
23	9/20/2019 7:23	0		0
24	9/20/2019 7:24	0		0
25	9/20/2019 7:25	0		0
26	9/20/2019 7:26	0		0
27	9/20/2019 7:27	0		0
28	9/20/2019 7:28	0		0
29	9/20/2019 7:29	0		0
30	9/20/2019 7:30	0		0
31	9/20/2019 7:31	0		0
32	9/20/2019 7:32	0		0
33	9/20/2019 7:33	0		0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

34	9/20/2019 7:34	0	0
35	9/20/2019 7:35	0	0
36	9/20/2019 7:36	0	0
37	9/20/2019 7:37	0	0
38	9/20/2019 7:38	0	0
39	9/20/2019 7:39	0	0
40	9/20/2019 7:40	0	0
41	9/20/2019 7:41	0	0
42	9/20/2019 7:42	0	0
43	9/20/2019 7:43	0	0
44	9/20/2019 7:44	0	0
45	9/20/2019 7:45	0	0
46	9/20/2019 7:46	0	0
47	9/20/2019 7:47	0	0
48	9/20/2019 7:48	0	0
49	9/20/2019 7:49	0	0
50	9/20/2019 7:50	0	0
51	9/20/2019 7:51	0	0
52	9/20/2019 7:52	0	0
53	9/20/2019 7:53	0	0
54	9/20/2019 7:54	0	0
55	9/20/2019 7:55	0	0
56	9/20/2019 7:56	0	0
57	9/20/2019 7:57	0	0
58	9/20/2019 7:58	0	0
59	9/20/2019 7:59	0	0
60	9/20/2019 8:00	0	0
61	9/20/2019 8:01	0	0
62	9/20/2019 8:02	0	0
63	9/20/2019 8:03	0	0
64	9/20/2019 8:04	0	0
65	9/20/2019 8:05	0	0
66	9/20/2019 8:06	0	0
67	9/20/2019 8:07	0	0
68	9/20/2019 8:08	0	0
69	9/20/2019 8:09	0	0
70	9/20/2019 8:10	0	0
71	9/20/2019 8:11	0	0
72	9/20/2019 8:12	0	0
73	9/20/2019 8:13	0	0
74	9/20/2019 8:14	0	0
75	9/20/2019 8:15	0	0
76	9/20/2019 8:16	0	0
77	9/20/2019 8:17	0	0
78	9/20/2019 8:18	0	0
79	9/20/2019 8:19	0	0
80	9/20/2019 8:20	0	0
81	9/20/2019 8:21	0	0
82	9/20/2019 8:22	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

83	9/20/2019 8:23	0	0
84	9/20/2019 8:24	0	0
85	9/20/2019 8:25	0	0
86	9/20/2019 8:26	0	0
87	9/20/2019 8:27	0	0
88	9/20/2019 8:28	0	0
89	9/20/2019 8:29	0	0
90	9/20/2019 8:30	0	0
91	9/20/2019 8:31	0	0
92	9/20/2019 8:32	0	0
93	9/20/2019 8:33	0	0
94	9/20/2019 8:34	0	0
95	9/20/2019 8:35	0	0
96	9/20/2019 8:36	0	0
97	9/20/2019 8:37	0	0
98	9/20/2019 8:38	0	0
99	9/20/2019 8:39	0	0
100	9/20/2019 8:40	0	0
101	9/20/2019 8:41	0	0
102	9/20/2019 8:42	0	0
103	9/20/2019 8:43	0	0
104	9/20/2019 8:44	0	0
105	9/20/2019 8:45	0	0
106	9/20/2019 8:46	0	0
107	9/20/2019 8:47	0	0
108	9/20/2019 8:48	0	0
109	9/20/2019 8:49	0	0
110	9/20/2019 8:50	0	0
111	9/20/2019 8:51	0	0
112	9/20/2019 8:52	0	0
113	9/20/2019 8:53	0	0
114	9/20/2019 8:54	0	0
115	9/20/2019 8:55	0	0
116	9/20/2019 8:56	0	0
117	9/20/2019 8:57	0	0
118	9/20/2019 8:58	0	0
119	9/20/2019 8:59	0	0
120	9/20/2019 9:00	0	0
121	9/20/2019 9:01	0	0
122	9/20/2019 9:02	0	0
123	9/20/2019 9:03	0	0
124	9/20/2019 9:04	0	0
125	9/20/2019 9:05	0	0
126	9/20/2019 9:06	0	0
127	9/20/2019 9:07	0	0
128	9/20/2019 9:08	0	0
129	9/20/2019 9:09	0	0
130	9/20/2019 9:10	0	0
131	9/20/2019 9:11	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

132	9/20/2019 9:12	0	0
133	9/20/2019 9:13	0	0
134	9/20/2019 9:14	0	0
135	9/20/2019 9:15	0	0
136	9/20/2019 9:16	0	0
137	9/20/2019 9:17	0	0
138	9/20/2019 9:18	0	0
139	9/20/2019 9:19	0	0
140	9/20/2019 9:20	0	0
141	9/20/2019 9:21	0	0
142	9/20/2019 9:22	0	0
143	9/20/2019 9:23	0	0
144	9/20/2019 9:24	0	0
145	9/20/2019 9:25	0	0
146	9/20/2019 9:26	0	0
147	9/20/2019 9:27	0	0
148	9/20/2019 9:28	0	0
149	9/20/2019 9:29	0	0
150	9/20/2019 9:30	0	0
151	9/20/2019 9:31	0	0
152	9/20/2019 9:32	0	0
153	9/20/2019 9:33	0	0
154	9/20/2019 9:34	0	0
155	9/20/2019 9:35	0	0
156	9/20/2019 9:36	0	0
157	9/20/2019 9:37	0	0
158	9/20/2019 9:38	0	0
159	9/20/2019 9:39	0	0
160	9/20/2019 9:40	0	0
161	9/20/2019 9:41	0	0
162	9/20/2019 9:42	0	0
163	9/20/2019 9:43	0	0
164	9/20/2019 9:44	0	0
165	9/20/2019 9:45	0	0
166	9/20/2019 9:46	0	0
167	9/20/2019 9:47	0	0
168	9/20/2019 9:48	0	0
169	9/20/2019 9:49	0	0
170	9/20/2019 9:50	0	0
171	9/20/2019 9:51	0	0
172	9/20/2019 9:52	0	0
173	9/20/2019 9:53	0	0
174	9/20/2019 9:54	0	0
175	9/20/2019 9:55	0	0
176	9/20/2019 9:56	0	0
177	9/20/2019 9:57	0	0
178	9/20/2019 9:58	0	0
179	9/20/2019 9:59	0	0
180	9/20/2019 10:00	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

181	9/20/2019 10:01	0	0
182	9/20/2019 10:02	0	0
183	9/20/2019 10:03	0	0
184	9/20/2019 10:04	0	0
185	9/20/2019 10:05	0	0
186	9/20/2019 10:06	0	0
187	9/20/2019 10:07	0	0
188	9/20/2019 10:08	0	0
189	9/20/2019 10:09	0	0
190	9/20/2019 10:10	0	0
191	9/20/2019 10:11	0	0
192	9/20/2019 10:12	0	0
193	9/20/2019 10:13	0	0
194	9/20/2019 10:14	0	0
195	9/20/2019 10:15	0	0
196	9/20/2019 10:16	0	0
197	9/20/2019 10:17	0	0
198	9/20/2019 10:18	0	0
199	9/20/2019 10:19	0	0
200	9/20/2019 10:20	0	0
201	9/20/2019 10:21	0	0
202	9/20/2019 10:22	0	0
203	9/20/2019 10:23	0	0
204	9/20/2019 10:24	0	0
205	9/20/2019 10:25	0	0
206	9/20/2019 10:26	0	0
207	9/20/2019 10:27	0	0
208	9/20/2019 10:28	0	0
209	9/20/2019 10:29	0	0
210	9/20/2019 10:30	0	0
211	9/20/2019 10:31	0	0
212	9/20/2019 10:32	0	0
213	9/20/2019 10:33	0	0
214	9/20/2019 10:34	0	0
215	9/20/2019 10:35	0	0
216	9/20/2019 10:36	0	0
217	9/20/2019 10:37	0	0
218	9/20/2019 10:38	0	0
219	9/20/2019 10:39	0	0
220	9/20/2019 10:40	0	0
221	9/20/2019 10:41	0	0
222	9/20/2019 10:42	0	0
223	9/20/2019 10:43	0	0
224	9/20/2019 10:44	0	0
225	9/20/2019 10:45	0	0
226	9/20/2019 10:46	0	0
227	9/20/2019 10:47	0	0
228	9/20/2019 10:48	0	0
229	9/20/2019 10:49	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

230	9/20/2019 10:50	0	0
231	9/20/2019 10:51	0	0
232	9/20/2019 10:52	0	0
233	9/20/2019 10:53	0	0
234	9/20/2019 10:54	0	0
235	9/20/2019 10:55	0	0
236	9/20/2019 10:56	0	0
237	9/20/2019 10:57	0	0
238	9/20/2019 10:58	0	0
239	9/20/2019 10:59	0	0
240	9/20/2019 11:00	0	0
241	9/20/2019 11:01	0	0
242	9/20/2019 11:02	0	0
243	9/20/2019 11:03	0	0
244	9/20/2019 11:04	0	0
245	9/20/2019 11:05	0	0
246	9/20/2019 11:06	0	0
247	9/20/2019 11:07	0	0
248	9/20/2019 11:08	0	0
249	9/20/2019 11:09	0	0
250	9/20/2019 11:10	0	0
251	9/20/2019 11:11	0	0
252	9/20/2019 11:12	0	0
253	9/20/2019 11:13	0	0
254	9/20/2019 11:14	0	0
255	9/20/2019 11:15	0	0
256	9/20/2019 11:16	0	0
257	9/20/2019 11:17	0	0
258	9/20/2019 11:18	0	0
259	9/20/2019 11:19	0	0
260	9/20/2019 11:20	0	0
261	9/20/2019 11:21	0	0
262	9/20/2019 11:22	0	0
263	9/20/2019 11:23	0	0
264	9/20/2019 11:24	0	0
265	9/20/2019 11:25	0	0
266	9/20/2019 11:26	0	0
267	9/20/2019 11:27	0	0
268	9/20/2019 11:28	0	0
269	9/20/2019 11:29	0	0
270	9/20/2019 11:30	0	0
271	9/20/2019 11:31	0	0
272	9/20/2019 11:32	0	0
273	9/20/2019 11:33	0	0
274	9/20/2019 11:34	0	0
275	9/20/2019 11:35	0	0
276	9/20/2019 11:36	0	0
277	9/20/2019 11:37	0	0
278	9/20/2019 11:38	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

279	9/20/2019 11:39	0	0
280	9/20/2019 11:40	0	0
281	9/20/2019 11:41	0	0
282	9/20/2019 11:42	0	0
283	9/20/2019 11:43	0	0
284	9/20/2019 11:44	0	0
285	9/20/2019 11:45	0	0
286	9/20/2019 11:46	0	0
287	9/20/2019 11:47	0	0
288	9/20/2019 11:48	0	0
289	9/20/2019 11:49	0	0
290	9/20/2019 11:50	0	0
291	9/20/2019 11:51	0	0
292	9/20/2019 11:52	0	0
293	9/20/2019 11:53	0	0
294	9/20/2019 11:54	0	0
295	9/20/2019 11:55	0	0
296	9/20/2019 11:56	0	0
297	9/20/2019 11:57	0	0
298	9/20/2019 11:58	0	0
299	9/20/2019 11:59	0	0
300	9/20/2019 12:00	0	0
301	9/20/2019 12:01	0	0
302	9/20/2019 12:02	0	0
303	9/20/2019 12:03	0	0
304	9/20/2019 12:04	0	0
305	9/20/2019 12:05	0	0
306	9/20/2019 12:06	0	0
307	9/20/2019 12:07	0	0
308	9/20/2019 12:08	0	0
309	9/20/2019 12:09	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/23 07:13
****
Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	12345678
User ID	12345678

Begin	9/23/2019 7:13
End	9/23/2019 7:22
Sample Period(s)	60
Number of Records	9

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/12/2019 8:54
Peak	0
Min	0
Average	0

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/23/2019 7:14	0	0	0
2	9/23/2019 7:15	0	0	0
3	9/23/2019 7:16	0	0	0
4	9/23/2019 7:17	0	0	0
5	9/23/2019 7:18	0	0	0
6	9/23/2019 7:19	0	0	0
7	9/23/2019 7:20	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	8	9/23/2019 7:21	0	0	0
	9	9/23/2019 7:22	0	0	0
Peak			0	0	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/23/2019 7:14	0	---
2	9/23/2019 7:15	0	---
3	9/23/2019 7:16	0	---
4	9/23/2019 7:17	0	---
5	9/23/2019 7:18	0	---
6	9/23/2019 7:19	0	---
7	9/23/2019 7:20	0	---
8	9/23/2019 7:21	0	---
9	9/23/2019 7:22	0	---

==========

19/09/23 07:37

****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	12345678
User ID	12345678

Begin	9/23/2019 7:37
End	9/23/2019 7:39
Sample Period(s)	60
Number of Records	1

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/23/2019 7:37
Peak	0
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/23/2019 7:38	6.1	100.8	0
Peak		6.1	100.8	0
Min		6.1	100.8	0
Average		6.1	100.8	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/23/2019 7:38	0	---

==========

19/09/23 11:28

****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/23/2019 11:28
End	9/23/2019 15:44
Sample Period(s)	60
Number of Records	256

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/23/2019 7:37
Peak	0
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/23/2019 11:29	0.1	1.2	0
2	9/23/2019 11:30	0	0	0
3	9/23/2019 11:31	0	0	0
4	9/23/2019 11:32	0	0	0
5	9/23/2019 11:33	0	0	0
6	9/23/2019 11:34	0	0	0
7	9/23/2019 11:35	0	0	0
8	9/23/2019 11:36	0	0	0
9	9/23/2019 11:37	0	0	0
10	9/23/2019 11:38	0	0	0
11	9/23/2019 11:39	0	0	0
12	9/23/2019 11:40	0	0	0
13	9/23/2019 11:41	0	0	0
14	9/23/2019 11:42	0	0	0
15	9/23/2019 11:43	0	0	0
16	9/23/2019 11:44	0	0	0
17	9/23/2019 11:45	0	0	0
18	9/23/2019 11:46	0	0	0
19	9/23/2019 11:47	0	0	0
20	9/23/2019 11:48	0	0	0
21	9/23/2019 11:49	0	0	0
22	9/23/2019 11:50	0	0	0
23	9/23/2019 11:51	0	0	0
24	9/23/2019 11:52	0	0	0
25	9/23/2019 11:53	0	0	0
26	9/23/2019 11:54	0	0	0
27	9/23/2019 11:55	0	0	0
28	9/23/2019 11:56	0	0	0
29	9/23/2019 11:57	0	0	0
30	9/23/2019 11:58	0	0	0
31	9/23/2019 11:59	0	0	0
32	9/23/2019 12:00	0	0	0
33	9/23/2019 12:01	0	0	0
34	9/23/2019 12:02	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

35	9/23/2019 12:03	0	0	0
36	9/23/2019 12:04	0	0	0
37	9/23/2019 12:05	0	0	0
38	9/23/2019 12:06	0	0	0
39	9/23/2019 12:07	0	0	0
40	9/23/2019 12:08	0	0	0
41	9/23/2019 12:09	0	0	0
42	9/23/2019 12:10	0	0	0
43	9/23/2019 12:11	0	0	0
44	9/23/2019 12:12	0	0	0
45	9/23/2019 12:13	0	0	0
46	9/23/2019 12:14	0	0	0
47	9/23/2019 12:15	0	0	0
48	9/23/2019 12:16	0	0	0
49	9/23/2019 12:17	0	0	0
50	9/23/2019 12:18	0	0	0
51	9/23/2019 12:19	0	0	0
52	9/23/2019 12:20	0	0	0
53	9/23/2019 12:21	0	0	0
54	9/23/2019 12:22	0	0	0
55	9/23/2019 12:23	0	0	0
56	9/23/2019 12:24	0	0	0
57	9/23/2019 12:25	0	0	0
58	9/23/2019 12:26	0	0	0
59	9/23/2019 12:27	0	0	0
60	9/23/2019 12:28	0	0	0
61	9/23/2019 12:29	0	0	0
62	9/23/2019 12:30	0	0	0
63	9/23/2019 12:31	0	0	0
64	9/23/2019 12:32	0	0	0
65	9/23/2019 12:33	0	0	0
66	9/23/2019 12:34	0	0	0
67	9/23/2019 12:35	0	0	0
68	9/23/2019 12:36	0	0	0
69	9/23/2019 12:37	0	0	0
70	9/23/2019 12:38	0	0	0
71	9/23/2019 12:39	0	0	0
72	9/23/2019 12:40	0	0	0
73	9/23/2019 12:41	0	0	0
74	9/23/2019 12:42	0	0	0
75	9/23/2019 12:43	0	0	0
76	9/23/2019 12:44	0	0	0
77	9/23/2019 12:45	0	0	0
78	9/23/2019 12:46	0	0	0
79	9/23/2019 12:47	0	0	0
80	9/23/2019 12:48	0	0	0
81	9/23/2019 12:49	0	0	0
82	9/23/2019 12:50	0	0	0
83	9/23/2019 12:51	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

84	9/23/2019 12:52	0	0	0
85	9/23/2019 12:53	0	0	0
86	9/23/2019 12:54	0	0	0
87	9/23/2019 12:55	0	0	0
88	9/23/2019 12:56	0	0	0
89	9/23/2019 12:57	0	0	0
90	9/23/2019 12:58	0	0	0
91	9/23/2019 12:59	0	0	0
92	9/23/2019 13:00	0	0	0
93	9/23/2019 13:01	0	0	0
94	9/23/2019 13:02	0	0	0
95	9/23/2019 13:03	0	0	0
96	9/23/2019 13:04	0	0	0
97	9/23/2019 13:05	0	0	0
98	9/23/2019 13:06	0	0	0
99	9/23/2019 13:07	0	0	0
100	9/23/2019 13:08	0	0	0
101	9/23/2019 13:09	0	0	0
102	9/23/2019 13:10	0	0	0
103	9/23/2019 13:11	0	0	0
104	9/23/2019 13:12	0	0	0
105	9/23/2019 13:13	0	0	0
106	9/23/2019 13:14	0	0	0
107	9/23/2019 13:15	0	0	0
108	9/23/2019 13:16	0	0	0
109	9/23/2019 13:17	0	0	0
110	9/23/2019 13:18	0	0	0
111	9/23/2019 13:19	0	0	0
112	9/23/2019 13:20	0	0	0
113	9/23/2019 13:21	0	0	0
114	9/23/2019 13:22	0	0	0
115	9/23/2019 13:23	0	0	0
116	9/23/2019 13:24	0	0	0
117	9/23/2019 13:25	0	0	0
118	9/23/2019 13:26	0	0	0
119	9/23/2019 13:27	0	0	0
120	9/23/2019 13:28	0	0	0
121	9/23/2019 13:29	0	0	0
122	9/23/2019 13:30	0	0	0
123	9/23/2019 13:31	0	0	0
124	9/23/2019 13:32	0	0	0
125	9/23/2019 13:33	0	0	0
126	9/23/2019 13:34	0	0	0
127	9/23/2019 13:35	0	0	0
128	9/23/2019 13:36	0	0	0
129	9/23/2019 13:37	0	0	0
130	9/23/2019 13:38	0	0	0
131	9/23/2019 13:39	0	0	0
132	9/23/2019 13:40	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

133	9/23/2019 13:41	0	0	0
134	9/23/2019 13:42	0	0	0
135	9/23/2019 13:43	0	0	0
136	9/23/2019 13:44	0	0	0
137	9/23/2019 13:45	0	0	0
138	9/23/2019 13:46	0	0	0
139	9/23/2019 13:47	0	0	0
140	9/23/2019 13:48	0	0	0
141	9/23/2019 13:49	0	0	0
142	9/23/2019 13:50	0	0	0
143	9/23/2019 13:51	0	0	0
144	9/23/2019 13:52	0	0	0
145	9/23/2019 13:53	0	0	0
146	9/23/2019 13:54	0	0	0
147	9/23/2019 13:55	0	0	0
148	9/23/2019 13:56	0	0	0
149	9/23/2019 13:57	0	0	0
150	9/23/2019 13:58	0	0	0
151	9/23/2019 13:59	0	0	0
152	9/23/2019 14:00	0	0	0
153	9/23/2019 14:01	0	0	0
154	9/23/2019 14:02	0	0	0
155	9/23/2019 14:03	0	0	0
156	9/23/2019 14:04	0	0	0
157	9/23/2019 14:05	0	0	0
158	9/23/2019 14:06	0	0	0
159	9/23/2019 14:07	0	0	0
160	9/23/2019 14:08	0	0	0
161	9/23/2019 14:09	0	0	0
162	9/23/2019 14:10	0	0	0
163	9/23/2019 14:11	0	0	0
164	9/23/2019 14:12	0	0	0
165	9/23/2019 14:13	0	0	0
166	9/23/2019 14:14	0	0	0
167	9/23/2019 14:15	0	0	0
168	9/23/2019 14:16	0	0	0
169	9/23/2019 14:17	0	0	0
170	9/23/2019 14:18	0	0	0
171	9/23/2019 14:19	0	0	0
172	9/23/2019 14:20	0	0	0
173	9/23/2019 14:21	0	0	0
174	9/23/2019 14:22	0	0	0
175	9/23/2019 14:23	0	0	0
176	9/23/2019 14:24	0	0	0
177	9/23/2019 14:25	0	0	0
178	9/23/2019 14:26	0	0	0
179	9/23/2019 14:27	0	0	0
180	9/23/2019 14:28	0	0	0
181	9/23/2019 14:29	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

182	9/23/2019 14:30	0	0	0
183	9/23/2019 14:31	0	0	0
184	9/23/2019 14:32	0	0	0
185	9/23/2019 14:33	0	0	0
186	9/23/2019 14:34	0	0	0
187	9/23/2019 14:35	0	0	0
188	9/23/2019 14:36	0	0	0
189	9/23/2019 14:37	0	0	0
190	9/23/2019 14:38	0	0	0
191	9/23/2019 14:39	0	0	0
192	9/23/2019 14:40	0	0	0
193	9/23/2019 14:41	0	0	0
194	9/23/2019 14:42	0	0	0
195	9/23/2019 14:43	0	0	0
196	9/23/2019 14:44	0	0	0
197	9/23/2019 14:45	0	0	0
198	9/23/2019 14:46	0	0	0
199	9/23/2019 14:47	0	0	0
200	9/23/2019 14:48	0	0	0
201	9/23/2019 14:49	0	0	0
202	9/23/2019 14:50	0	0	0
203	9/23/2019 14:51	0	0	0
204	9/23/2019 14:52	0	0	0
205	9/23/2019 14:53	0	0	0
206	9/23/2019 14:54	0	0	0
207	9/23/2019 14:55	0	0	0
208	9/23/2019 14:56	0	0	0
209	9/23/2019 14:57	0	0	0
210	9/23/2019 14:58	0	0	0
211	9/23/2019 14:59	0	0	0
212	9/23/2019 15:00	0	0	0
213	9/23/2019 15:01	0	0	0
214	9/23/2019 15:02	0	0	0
215	9/23/2019 15:03	0	0	0
216	9/23/2019 15:04	0	0	0
217	9/23/2019 15:05	0	0	0
218	9/23/2019 15:06	0	0	0
219	9/23/2019 15:07	0	0	0
220	9/23/2019 15:08	0	0	0
221	9/23/2019 15:09	0	0	0
222	9/23/2019 15:10	0	0	0
223	9/23/2019 15:11	0	0	0
224	9/23/2019 15:12	0	0	0
225	9/23/2019 15:13	0	0	0
226	9/23/2019 15:14	0	0	0
227	9/23/2019 15:15	0	0	0
228	9/23/2019 15:16	0	0	0
229	9/23/2019 15:17	0	0	0
230	9/23/2019 15:18	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	231	9/23/2019 15:19	0	0	0
	232	9/23/2019 15:20	0	0	0
	233	9/23/2019 15:21	0	0	0
	234	9/23/2019 15:22	0	0	0
	235	9/23/2019 15:23	0	0	0
	236	9/23/2019 15:24	0	0	0
	237	9/23/2019 15:25	0	0	0
	238	9/23/2019 15:26	0	0	0
	239	9/23/2019 15:27	0	0	0
	240	9/23/2019 15:28	0	0	0
	241	9/23/2019 15:29	0	0	0
	242	9/23/2019 15:30	0	0	0
	243	9/23/2019 15:31	0	0	0
	244	9/23/2019 15:32	0	0	0
	245	9/23/2019 15:33	0	0	0
	246	9/23/2019 15:34	0	0	0
	247	9/23/2019 15:35	0	0	0
	248	9/23/2019 15:36	0	0	0
	249	9/23/2019 15:37	0	0	0
	250	9/23/2019 15:38	0	0	0
	251	9/23/2019 15:39	0	0	0
	252	9/23/2019 15:40	0	0	0
	253	9/23/2019 15:41	0	0	0
	254	9/23/2019 15:42	0	0.1	0
	255	9/23/2019 15:43	0	0	0
	256	9/23/2019 15:44	0	0	0
Peak			0.1	1.2	0
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/23/2019 11:29	0	---
2	9/23/2019 11:30	0	---
3	9/23/2019 11:31	0	---
4	9/23/2019 11:32	0	---
5	9/23/2019 11:33	0	---
6	9/23/2019 11:34	0	---
7	9/23/2019 11:35	0	---
8	9/23/2019 11:36	0	---
9	9/23/2019 11:37	0	---
10	9/23/2019 11:38	0	---
11	9/23/2019 11:39	0	---
12	9/23/2019 11:40	0	---
13	9/23/2019 11:41	0	---
14	9/23/2019 11:42	0	---
15	9/23/2019 11:43	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

16	9/23/2019 11:44	0	0
17	9/23/2019 11:45	0	0
18	9/23/2019 11:46	0	0
19	9/23/2019 11:47	0	0
20	9/23/2019 11:48	0	0
21	9/23/2019 11:49	0	0
22	9/23/2019 11:50	0	0
23	9/23/2019 11:51	0	0
24	9/23/2019 11:52	0	0
25	9/23/2019 11:53	0	0
26	9/23/2019 11:54	0	0
27	9/23/2019 11:55	0	0
28	9/23/2019 11:56	0	0
29	9/23/2019 11:57	0	0
30	9/23/2019 11:58	0	0
31	9/23/2019 11:59	0	0
32	9/23/2019 12:00	0	0
33	9/23/2019 12:01	0	0
34	9/23/2019 12:02	0	0
35	9/23/2019 12:03	0	0
36	9/23/2019 12:04	0	0
37	9/23/2019 12:05	0	0
38	9/23/2019 12:06	0	0
39	9/23/2019 12:07	0	0
40	9/23/2019 12:08	0	0
41	9/23/2019 12:09	0	0
42	9/23/2019 12:10	0	0
43	9/23/2019 12:11	0	0
44	9/23/2019 12:12	0	0
45	9/23/2019 12:13	0	0
46	9/23/2019 12:14	0	0
47	9/23/2019 12:15	0	0
48	9/23/2019 12:16	0	0
49	9/23/2019 12:17	0	0
50	9/23/2019 12:18	0	0
51	9/23/2019 12:19	0	0
52	9/23/2019 12:20	0	0
53	9/23/2019 12:21	0	0
54	9/23/2019 12:22	0	0
55	9/23/2019 12:23	0	0
56	9/23/2019 12:24	0	0
57	9/23/2019 12:25	0	0
58	9/23/2019 12:26	0	0
59	9/23/2019 12:27	0	0
60	9/23/2019 12:28	0	0
61	9/23/2019 12:29	0	0
62	9/23/2019 12:30	0	0
63	9/23/2019 12:31	0	0
64	9/23/2019 12:32	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

65	9/23/2019 12:33	0	0
66	9/23/2019 12:34	0	0
67	9/23/2019 12:35	0	0
68	9/23/2019 12:36	0	0
69	9/23/2019 12:37	0	0
70	9/23/2019 12:38	0	0
71	9/23/2019 12:39	0	0
72	9/23/2019 12:40	0	0
73	9/23/2019 12:41	0	0
74	9/23/2019 12:42	0	0
75	9/23/2019 12:43	0	0
76	9/23/2019 12:44	0	0
77	9/23/2019 12:45	0	0
78	9/23/2019 12:46	0	0
79	9/23/2019 12:47	0	0
80	9/23/2019 12:48	0	0
81	9/23/2019 12:49	0	0
82	9/23/2019 12:50	0	0
83	9/23/2019 12:51	0	0
84	9/23/2019 12:52	0	0
85	9/23/2019 12:53	0	0
86	9/23/2019 12:54	0	0
87	9/23/2019 12:55	0	0
88	9/23/2019 12:56	0	0
89	9/23/2019 12:57	0	0
90	9/23/2019 12:58	0	0
91	9/23/2019 12:59	0	0
92	9/23/2019 13:00	0	0
93	9/23/2019 13:01	0	0
94	9/23/2019 13:02	0	0
95	9/23/2019 13:03	0	0
96	9/23/2019 13:04	0	0
97	9/23/2019 13:05	0	0
98	9/23/2019 13:06	0	0
99	9/23/2019 13:07	0	0
100	9/23/2019 13:08	0	0
101	9/23/2019 13:09	0	0
102	9/23/2019 13:10	0	0
103	9/23/2019 13:11	0	0
104	9/23/2019 13:12	0	0
105	9/23/2019 13:13	0	0
106	9/23/2019 13:14	0	0
107	9/23/2019 13:15	0	0
108	9/23/2019 13:16	0	0
109	9/23/2019 13:17	0	0
110	9/23/2019 13:18	0	0
111	9/23/2019 13:19	0	0
112	9/23/2019 13:20	0	0
113	9/23/2019 13:21	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

114	9/23/2019 13:22	0	0
115	9/23/2019 13:23	0	0
116	9/23/2019 13:24	0	0
117	9/23/2019 13:25	0	0
118	9/23/2019 13:26	0	0
119	9/23/2019 13:27	0	0
120	9/23/2019 13:28	0	0
121	9/23/2019 13:29	0	0
122	9/23/2019 13:30	0	0
123	9/23/2019 13:31	0	0
124	9/23/2019 13:32	0	0
125	9/23/2019 13:33	0	0
126	9/23/2019 13:34	0	0
127	9/23/2019 13:35	0	0
128	9/23/2019 13:36	0	0
129	9/23/2019 13:37	0	0
130	9/23/2019 13:38	0	0
131	9/23/2019 13:39	0	0
132	9/23/2019 13:40	0	0
133	9/23/2019 13:41	0	0
134	9/23/2019 13:42	0	0
135	9/23/2019 13:43	0	0
136	9/23/2019 13:44	0	0
137	9/23/2019 13:45	0	0
138	9/23/2019 13:46	0	0
139	9/23/2019 13:47	0	0
140	9/23/2019 13:48	0	0
141	9/23/2019 13:49	0	0
142	9/23/2019 13:50	0	0
143	9/23/2019 13:51	0	0
144	9/23/2019 13:52	0	0
145	9/23/2019 13:53	0	0
146	9/23/2019 13:54	0	0
147	9/23/2019 13:55	0	0
148	9/23/2019 13:56	0	0
149	9/23/2019 13:57	0	0
150	9/23/2019 13:58	0	0
151	9/23/2019 13:59	0	0
152	9/23/2019 14:00	0	0
153	9/23/2019 14:01	0	0
154	9/23/2019 14:02	0	0
155	9/23/2019 14:03	0	0
156	9/23/2019 14:04	0	0
157	9/23/2019 14:05	0	0
158	9/23/2019 14:06	0	0
159	9/23/2019 14:07	0	0
160	9/23/2019 14:08	0	0
161	9/23/2019 14:09	0	0
162	9/23/2019 14:10	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

163	9/23/2019 14:11	0	0
164	9/23/2019 14:12	0	0
165	9/23/2019 14:13	0	0
166	9/23/2019 14:14	0	0
167	9/23/2019 14:15	0	0
168	9/23/2019 14:16	0	0
169	9/23/2019 14:17	0	0
170	9/23/2019 14:18	0	0
171	9/23/2019 14:19	0	0
172	9/23/2019 14:20	0	0
173	9/23/2019 14:21	0	0
174	9/23/2019 14:22	0	0
175	9/23/2019 14:23	0	0
176	9/23/2019 14:24	0	0
177	9/23/2019 14:25	0	0
178	9/23/2019 14:26	0	0
179	9/23/2019 14:27	0	0
180	9/23/2019 14:28	0	0
181	9/23/2019 14:29	0	0
182	9/23/2019 14:30	0	0
183	9/23/2019 14:31	0	0
184	9/23/2019 14:32	0	0
185	9/23/2019 14:33	0	0
186	9/23/2019 14:34	0	0
187	9/23/2019 14:35	0	0
188	9/23/2019 14:36	0	0
189	9/23/2019 14:37	0	0
190	9/23/2019 14:38	0	0
191	9/23/2019 14:39	0	0
192	9/23/2019 14:40	0	0
193	9/23/2019 14:41	0	0
194	9/23/2019 14:42	0	0
195	9/23/2019 14:43	0	0
196	9/23/2019 14:44	0	0
197	9/23/2019 14:45	0	0
198	9/23/2019 14:46	0	0
199	9/23/2019 14:47	0	0
200	9/23/2019 14:48	0	0
201	9/23/2019 14:49	0	0
202	9/23/2019 14:50	0	0
203	9/23/2019 14:51	0	0
204	9/23/2019 14:52	0	0
205	9/23/2019 14:53	0	0
206	9/23/2019 14:54	0	0
207	9/23/2019 14:55	0	0
208	9/23/2019 14:56	0	0
209	9/23/2019 14:57	0	0
210	9/23/2019 14:58	0	0
211	9/23/2019 14:59	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

212	9/23/2019 15:00	0	0
213	9/23/2019 15:01	0	0
214	9/23/2019 15:02	0	0
215	9/23/2019 15:03	0	0
216	9/23/2019 15:04	0	0
217	9/23/2019 15:05	0	0
218	9/23/2019 15:06	0	0
219	9/23/2019 15:07	0	0
220	9/23/2019 15:08	0	0
221	9/23/2019 15:09	0	0
222	9/23/2019 15:10	0	0
223	9/23/2019 15:11	0	0
224	9/23/2019 15:12	0	0
225	9/23/2019 15:13	0	0
226	9/23/2019 15:14	0	0
227	9/23/2019 15:15	0	0
228	9/23/2019 15:16	0	0
229	9/23/2019 15:17	0	0
230	9/23/2019 15:18	0	0
231	9/23/2019 15:19	0	0
232	9/23/2019 15:20	0	0
233	9/23/2019 15:21	0	0
234	9/23/2019 15:22	0	0
235	9/23/2019 15:23	0	0
236	9/23/2019 15:24	0	0
237	9/23/2019 15:25	0	0
238	9/23/2019 15:26	0	0
239	9/23/2019 15:27	0	0
240	9/23/2019 15:28	0	0
241	9/23/2019 15:29	0	0
242	9/23/2019 15:30	0	0
243	9/23/2019 15:31	0	0
244	9/23/2019 15:32	0	0
245	9/23/2019 15:33	0	0
246	9/23/2019 15:34	0	0
247	9/23/2019 15:35	0	0
248	9/23/2019 15:36	0	0
249	9/23/2019 15:37	0	0
250	9/23/2019 15:38	0	0
251	9/23/2019 15:39	0	0
252	9/23/2019 15:40	0	0
253	9/23/2019 15:41	0	0
254	9/23/2019 15:42	0	0
255	9/23/2019 15:43	0	0
256	9/23/2019 15:44	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/24 07:19
****
Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Pause in Communication Mode

Site ID	12345678
User ID	12345678

Begin	9/24/2019 7:19
End	9/24/2019 7:20
Sample Period(s)	60
Number of Records	1

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/24/2019 7:19
Peak	0
Min	0
Average	0

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/24/2019 7:20	0.3	5.5	0
Peak		0.3	5.5	0
Min		0.3	5.5	0
Average		0.3	5.5	0

****
TWA/STEL

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/24/2019 7:20	0	---

==========

19/09/24 07:41
****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	12345678
User ID	12345678
Begin	9/24/2019 7:41
End	9/24/2019 10:42
Sample Period(s)	60
Number of Records	181
Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/24/2019 7:19
Peak	133.9
Min	0.2
Average	2.1

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/24/2019 7:42	26.5	89.6	4.6
2	9/24/2019 7:43	2.4	4.5	1.2
3	9/24/2019 7:44	1.1	2.4	2.2
4	9/24/2019 7:45	0.6	1.8	0.4

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

5	9/24/2019 7:46	40.4	162.8	133.9
6	9/24/2019 7:47	57.1	134.6	18.5
7	9/24/2019 7:48	10.5	17.8	6.2
8	9/24/2019 7:49	6.3	7.9	5.2
9	9/24/2019 7:50	3.8	5.2	2.8
10	9/24/2019 7:51	2.6	3.2	2.5
11	9/24/2019 7:52	4.6	8.8	8.4
12	9/24/2019 7:53	4	9.2	2.8
13	9/24/2019 7:54	2.5	4.2	3.3
14	9/24/2019 7:55	5.5	7.5	2.7
15	9/24/2019 7:56	3.1	6.7	2.5
16	9/24/2019 7:57	3.5	6.8	4.6
17	9/24/2019 7:58	32.8	104.8	13.1
18	9/24/2019 7:59	13.6	25.1	14.1
19	9/24/2019 8:00	12.5	17	13.2
20	9/24/2019 8:01	6.3	14.3	3.5
21	9/24/2019 8:02	5.8	9.1	6.6
22	9/24/2019 8:03	3.9	6.9	4
23	9/24/2019 8:04	5.7	8.1	4.1
24	9/24/2019 8:05	3.6	7	2.5
25	9/24/2019 8:06	1.8	2.5	1.9
26	9/24/2019 8:07	1.2	1.8	1
27	9/24/2019 8:08	0.9	1	0.9
28	9/24/2019 8:09	15.6	39.7	22
29	9/24/2019 8:10	8.7	21.3	4
30	9/24/2019 8:11	2.7	3.9	2
31	9/24/2019 8:12	1.7	2	1.4
32	9/24/2019 8:13	1.2	1.3	1
33	9/24/2019 8:14	1.1	1.5	1
34	9/24/2019 8:15	0.9	1	0.8
35	9/24/2019 8:16	0.8	1.1	0.8
36	9/24/2019 8:17	0.7	0.8	0.7
37	9/24/2019 8:18	0.8	0.9	0.8
38	9/24/2019 8:19	0.7	0.7	0.7
39	9/24/2019 8:20	0.8	1.9	1.2
40	9/24/2019 8:21	0.8	1.2	0.7
41	9/24/2019 8:22	0.8	1.2	0.8
42	9/24/2019 8:23	0.6	0.8	0.6
43	9/24/2019 8:24	0.7	1.1	0.7
44	9/24/2019 8:25	1	1.4	1.2
45	9/24/2019 8:26	0.9	1.3	0.7
46	9/24/2019 8:27	0.7	1.1	1.1
47	9/24/2019 8:28	0.8	1	0.7
48	9/24/2019 8:29	0.7	0.8	0.7
49	9/24/2019 8:30	0.9	1.1	1
50	9/24/2019 8:31	1.4	1.8	1.2
51	9/24/2019 8:32	1	1.2	0.8
52	9/24/2019 8:33	0.8	1.1	0.7
53	9/24/2019 8:34	0.7	0.8	0.7

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

54	9/24/2019 8:35	0.7	0.9	0.8
55	9/24/2019 8:36	0.8	1.1	0.8
56	9/24/2019 8:37	0.7	0.8	0.7
57	9/24/2019 8:38	1.1	1.7	1
58	9/24/2019 8:39	0.8	0.9	0.7
59	9/24/2019 8:40	0.7	0.7	0.6
60	9/24/2019 8:41	0.6	0.7	0.7
61	9/24/2019 8:42	0.7	0.8	0.7
62	9/24/2019 8:43	0.7	0.8	0.6
63	9/24/2019 8:44	0.8	0.9	0.8
64	9/24/2019 8:45	0.8	0.8	0.8
65	9/24/2019 8:46	0.7	0.8	0.8
66	9/24/2019 8:47	0.7	0.8	0.6
67	9/24/2019 8:48	0.6	0.7	0.6
68	9/24/2019 8:49	0.8	0.9	0.8
69	9/24/2019 8:50	0.7	0.8	0.6
70	9/24/2019 8:51	0.8	1	0.7
71	9/24/2019 8:52	0.9	1.1	1
72	9/24/2019 8:53	0.8	1.1	1.1
73	9/24/2019 8:54	0.9	1.1	0.8
74	9/24/2019 8:55	0.7	0.8	0.6
75	9/24/2019 8:56	0.5	0.6	0.5
76	9/24/2019 8:57	0.5	0.5	0.5
77	9/24/2019 8:58	0.5	0.5	0.4
78	9/24/2019 8:59	0.4	0.4	0.4
79	9/24/2019 9:00	0.5	0.5	0.5
80	9/24/2019 9:01	0.4	0.5	0.4
81	9/24/2019 9:02	0.4	0.5	0.4
82	9/24/2019 9:03	0.5	0.5	0.5
83	9/24/2019 9:04	0.5	0.7	0.7
84	9/24/2019 9:05	0.5	0.7	0.5
85	9/24/2019 9:06	0.6	0.7	0.5
86	9/24/2019 9:07	0.5	0.6	0.5
87	9/24/2019 9:08	0.5	0.5	0.5
88	9/24/2019 9:09	0.5	0.8	0.7
89	9/24/2019 9:10	1.9	6.4	6.1
90	9/24/2019 9:11	7.7	26.1	2.2
91	9/24/2019 9:12	1.5	2.2	1.1
92	9/24/2019 9:13	1	1.1	0.9
93	9/24/2019 9:14	0.9	1	0.9
94	9/24/2019 9:15	0.8	0.9	0.8
95	9/24/2019 9:16	0.7	0.8	0.7
96	9/24/2019 9:17	0.7	0.7	0.7
97	9/24/2019 9:18	0.7	0.7	0.7
98	9/24/2019 9:19	0.6	0.7	0.6
99	9/24/2019 9:20	0.5	0.6	0.5
100	9/24/2019 9:21	0.6	0.6	0.5
101	9/24/2019 9:22	0.5	0.5	0.5
102	9/24/2019 9:23	0.5	0.5	0.4

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

103	9/24/2019 9:24	0.4	0.4	0.4
104	9/24/2019 9:25	0.4	0.4	0.4
105	9/24/2019 9:26	0.4	0.5	0.4
106	9/24/2019 9:27	0.4	0.4	0.4
107	9/24/2019 9:28	0.4	0.4	0.4
108	9/24/2019 9:29	0.4	0.4	0.4
109	9/24/2019 9:30	0.4	0.4	0.4
110	9/24/2019 9:31	0.4	0.4	0.4
111	9/24/2019 9:32	0.4	0.4	0.4
112	9/24/2019 9:33	0.3	0.4	0.3
113	9/24/2019 9:34	0.3	0.3	0.3
114	9/24/2019 9:35	0.5	1.5	1.4
115	9/24/2019 9:36	0.6	1.4	0.5
116	9/24/2019 9:37	0.4	0.5	0.4
117	9/24/2019 9:38	0.4	0.4	0.4
118	9/24/2019 9:39	0.4	0.4	0.4
119	9/24/2019 9:40	0.4	0.4	0.4
120	9/24/2019 9:41	3.2	13.6	1.3
121	9/24/2019 9:42	0.8	1.4	0.7
122	9/24/2019 9:43	0.6	0.7	0.6
123	9/24/2019 9:44	0.5	0.6	0.4
124	9/24/2019 9:45	0.4	0.4	0.4
125	9/24/2019 9:46	0.4	0.4	0.4
126	9/24/2019 9:47	0.4	0.4	0.4
127	9/24/2019 9:48	0.4	0.4	0.4
128	9/24/2019 9:49	0.4	0.4	0.3
129	9/24/2019 9:50	0.3	0.4	0.4
130	9/24/2019 9:51	0.4	0.4	0.4
131	9/24/2019 9:52	0.4	0.4	0.3
132	9/24/2019 9:53	0.3	0.4	0.3
133	9/24/2019 9:54	0.3	0.3	0.3
134	9/24/2019 9:55	0.3	0.3	0.3
135	9/24/2019 9:56	0.3	0.3	0.3
136	9/24/2019 9:57	0.3	0.3	0.3
137	9/24/2019 9:58	0.3	0.3	0.3
138	9/24/2019 9:59	0.3	0.3	0.3
139	9/24/2019 10:00	0.3	0.3	0.3
140	9/24/2019 10:01	0.3	0.3	0.3
141	9/24/2019 10:02	0.3	0.3	0.3
142	9/24/2019 10:03	0.3	0.3	0.3
143	9/24/2019 10:04	0.3	0.3	0.3
144	9/24/2019 10:05	0.3	0.3	0.3
145	9/24/2019 10:06	0.3	0.3	0.3
146	9/24/2019 10:07	0.3	0.3	0.3
147	9/24/2019 10:08	0.3	0.3	0.3
148	9/24/2019 10:09	0.3	0.3	0.3
149	9/24/2019 10:10	0.3	0.3	0.3
150	9/24/2019 10:11	0.3	0.3	0.3
151	9/24/2019 10:12	0.3	0.3	0.3

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

152	9/24/2019 10:13	0.3	0.3	0.3
153	9/24/2019 10:14	0.3	0.3	0.3
154	9/24/2019 10:15	0.3	0.3	0.3
155	9/24/2019 10:16	0.3	0.3	0.3
156	9/24/2019 10:17	0.3	0.3	0.3
157	9/24/2019 10:18	0.3	0.3	0.3
158	9/24/2019 10:19	0.3	0.3	0.3
159	9/24/2019 10:20	0.3	0.3	0.3
160	9/24/2019 10:21	0.3	0.3	0.3
161	9/24/2019 10:22	0.3	0.3	0.3
162	9/24/2019 10:23	0.3	0.3	0.3
163	9/24/2019 10:24	0.3	0.3	0.3
164	9/24/2019 10:25	0.3	0.3	0.3
165	9/24/2019 10:26	0.3	0.3	0.3
166	9/24/2019 10:27	0.3	0.3	0.3
167	9/24/2019 10:28	0.3	0.3	0.3
168	9/24/2019 10:29	0.3	0.3	0.3
169	9/24/2019 10:30	0.3	0.3	0.3
170	9/24/2019 10:31	0.3	0.3	0.3
171	9/24/2019 10:32	0.3	0.3	0.3
172	9/24/2019 10:33	0.3	0.3	0.3
173	9/24/2019 10:34	0.3	0.3	0.3
174	9/24/2019 10:35	0.3	0.3	0.3
175	9/24/2019 10:36	0.2	0.3	0.2
176	9/24/2019 10:37	0.2	0.2	0.2
177	9/24/2019 10:38	0.2	0.2	0.2
178	9/24/2019 10:39	0.2	0.3	0.3
179	9/24/2019 10:40	0.2	0.3	0.2
180	9/24/2019 10:41	0.2	0.3	0.3
181	9/24/2019 10:42	0.2	0.3	0.2
Peak		57.1	162.8	133.9
Min		0.2	0.2	0.2
Average		2.1	4.8	2.1

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/24/2019 7:42	0	---
2	9/24/2019 7:43	0	---
3	9/24/2019 7:44	0	---
4	9/24/2019 7:45	0	---
5	9/24/2019 7:46	0.3	---
6	9/24/2019 7:47	0.3	---
7	9/24/2019 7:48	0.3	---
8	9/24/2019 7:49	0.4	---
9	9/24/2019 7:50	0.4	---
10	9/24/2019 7:51	0.4	---
11	9/24/2019 7:52	0.4	---

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

12	9/24/2019 7:53	0.4	---
13	9/24/2019 7:54	0.4	---
14	9/24/2019 7:55	0.4	---
15	9/24/2019 7:56	0.4	13.1
16	9/24/2019 7:57	0.4	13.1
17	9/24/2019 7:58	0.4	13.9
18	9/24/2019 7:59	0.5	14.7
19	9/24/2019 8:00	0.5	15.6
20	9/24/2019 8:01	0.5	6.9
21	9/24/2019 8:02	0.5	6.1
22	9/24/2019 8:03	0.5	6
23	9/24/2019 8:04	0.5	5.9
24	9/24/2019 8:05	0.5	5.9
25	9/24/2019 8:06	0.6	5.8
26	9/24/2019 8:07	0.6	5.3
27	9/24/2019 8:08	0.6	5.2
28	9/24/2019 8:09	0.6	6.4
29	9/24/2019 8:10	0.6	6.5
30	9/24/2019 8:11	0.6	6.5
31	9/24/2019 8:12	0.6	6.3
32	9/24/2019 8:13	0.6	5.5
33	9/24/2019 8:14	0.6	4.6
34	9/24/2019 8:15	0.6	3.8
35	9/24/2019 8:16	0.6	3.6
36	9/24/2019 8:17	0.6	3.2
37	9/24/2019 8:18	0.6	3
38	9/24/2019 8:19	0.6	2.8
39	9/24/2019 8:20	0.6	2.7
40	9/24/2019 8:21	0.6	2.6
41	9/24/2019 8:22	0.6	2.6
42	9/24/2019 8:23	0.6	2.6
43	9/24/2019 8:24	0.6	1.1
44	9/24/2019 8:25	0.6	1
45	9/24/2019 8:26	0.6	0.9
46	9/24/2019 8:27	0.6	0.9
47	9/24/2019 8:28	0.6	0.8
48	9/24/2019 8:29	0.6	0.8
49	9/24/2019 8:30	0.6	0.8
50	9/24/2019 8:31	0.7	0.9
51	9/24/2019 8:32	0.7	0.9
52	9/24/2019 8:33	0.7	0.9
53	9/24/2019 8:34	0.7	0.9
54	9/24/2019 8:35	0.7	0.8
55	9/24/2019 8:36	0.7	0.8
56	9/24/2019 8:37	0.7	0.8
57	9/24/2019 8:38	0.7	0.9
58	9/24/2019 8:39	0.7	0.9
59	9/24/2019 8:40	0.7	0.8
60	9/24/2019 8:41	0.7	0.8

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

61	9/24/2019 8:42	0.7	0.8
62	9/24/2019 8:43	0.7	0.8
63	9/24/2019 8:44	0.7	0.8
64	9/24/2019 8:45	0.7	0.8
65	9/24/2019 8:46	0.7	0.7
66	9/24/2019 8:47	0.7	0.7
67	9/24/2019 8:48	0.7	0.7
68	9/24/2019 8:49	0.7	0.7
69	9/24/2019 8:50	0.7	0.7
70	9/24/2019 8:51	0.7	0.7
71	9/24/2019 8:52	0.7	0.7
72	9/24/2019 8:53	0.7	0.7
73	9/24/2019 8:54	0.7	0.7
74	9/24/2019 8:55	0.7	0.7
75	9/24/2019 8:56	0.7	0.7
76	9/24/2019 8:57	0.7	0.7
77	9/24/2019 8:58	0.7	0.7
78	9/24/2019 8:59	0.7	0.7
79	9/24/2019 9:00	0.7	0.7
80	9/24/2019 9:01	0.7	0.6
81	9/24/2019 9:02	0.7	0.6
82	9/24/2019 9:03	0.7	0.6
83	9/24/2019 9:04	0.7	0.6
84	9/24/2019 9:05	0.7	0.6
85	9/24/2019 9:06	0.7	0.6
86	9/24/2019 9:07	0.7	0.6
87	9/24/2019 9:08	0.7	0.5
88	9/24/2019 9:09	0.7	0.5
89	9/24/2019 9:10	0.7	0.9
90	9/24/2019 9:11	0.7	1
91	9/24/2019 9:12	0.7	1
92	9/24/2019 9:13	0.7	1.1
93	9/24/2019 9:14	0.7	1.1
94	9/24/2019 9:15	0.7	1.1
95	9/24/2019 9:16	0.7	1.1
96	9/24/2019 9:17	0.7	1.2
97	9/24/2019 9:18	0.7	1.2
98	9/24/2019 9:19	0.7	1.2
99	9/24/2019 9:20	0.7	1.2
100	9/24/2019 9:21	0.7	1.2
101	9/24/2019 9:22	0.7	1.2
102	9/24/2019 9:23	0.7	1.2
103	9/24/2019 9:24	0.7	1.1
104	9/24/2019 9:25	0.7	0.8
105	9/24/2019 9:26	0.7	0.6
106	9/24/2019 9:27	0.7	0.6
107	9/24/2019 9:28	0.7	0.6
108	9/24/2019 9:29	0.7	0.5
109	9/24/2019 9:30	0.7	0.5

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

110	9/24/2019 9:31	0.7	0.5
111	9/24/2019 9:32	0.7	0.5
112	9/24/2019 9:33	0.7	0.4
113	9/24/2019 9:34	0.7	0.4
114	9/24/2019 9:35	0.7	0.5
115	9/24/2019 9:36	0.8	0.5
116	9/24/2019 9:37	0.8	0.5
117	9/24/2019 9:38	0.8	0.5
118	9/24/2019 9:39	0.8	0.5
119	9/24/2019 9:40	0.8	0.5
120	9/24/2019 9:41	0.8	0.5
121	9/24/2019 9:42	0.8	0.5
122	9/24/2019 9:43	0.8	0.6
123	9/24/2019 9:44	0.8	0.6
124	9/24/2019 9:45	0.8	0.6
125	9/24/2019 9:46	0.8	0.6
126	9/24/2019 9:47	0.8	0.6
127	9/24/2019 9:48	0.8	0.6
128	9/24/2019 9:49	0.8	0.6
129	9/24/2019 9:50	0.8	0.5
130	9/24/2019 9:51	0.8	0.5
131	9/24/2019 9:52	0.8	0.5
132	9/24/2019 9:53	0.8	0.5
133	9/24/2019 9:54	0.8	0.5
134	9/24/2019 9:55	0.8	0.5
135	9/24/2019 9:56	0.8	0.4
136	9/24/2019 9:57	0.8	0.4
137	9/24/2019 9:58	0.8	0.3
138	9/24/2019 9:59	0.8	0.3
139	9/24/2019 10:00	0.8	0.3
140	9/24/2019 10:01	0.8	0.3
141	9/24/2019 10:02	0.8	0.3
142	9/24/2019 10:03	0.8	0.3
143	9/24/2019 10:04	0.8	0.3
144	9/24/2019 10:05	0.8	0.3
145	9/24/2019 10:06	0.8	0.3
146	9/24/2019 10:07	0.8	0.3
147	9/24/2019 10:08	0.8	0.3
148	9/24/2019 10:09	0.8	0.3
149	9/24/2019 10:10	0.8	0.3
150	9/24/2019 10:11	0.8	0.3
151	9/24/2019 10:12	0.8	0.3
152	9/24/2019 10:13	0.8	0.3
153	9/24/2019 10:14	0.8	0.3
154	9/24/2019 10:15	0.8	0.3
155	9/24/2019 10:16	0.8	0.3
156	9/24/2019 10:17	0.8	0.3
157	9/24/2019 10:18	0.8	0.3
158	9/24/2019 10:19	0.8	0.3

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

159	9/24/2019 10:20	0.8	0.3
160	9/24/2019 10:21	0.8	0.3
161	9/24/2019 10:22	0.8	0.3
162	9/24/2019 10:23	0.8	0.3
163	9/24/2019 10:24	0.8	0.3
164	9/24/2019 10:25	0.8	0.3
165	9/24/2019 10:26	0.8	0.3
166	9/24/2019 10:27	0.8	0.3
167	9/24/2019 10:28	0.8	0.3
168	9/24/2019 10:29	0.8	0.3
169	9/24/2019 10:30	0.8	0.3
170	9/24/2019 10:31	0.8	0.3
171	9/24/2019 10:32	0.8	0.3
172	9/24/2019 10:33	0.8	0.3
173	9/24/2019 10:34	0.8	0.3
174	9/24/2019 10:35	0.8	0.3
175	9/24/2019 10:36	0.8	0.3
176	9/24/2019 10:37	0.8	0.3
177	9/24/2019 10:38	0.8	0.3
178	9/24/2019 10:39	0.8	0.3
179	9/24/2019 10:40	0.8	0.3
180	9/24/2019 10:41	0.8	0.3
181	9/24/2019 10:42	0.8	0.3

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/25 08:23

****

Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Pause in Menu Mode

Site ID	12345678
User ID	12345678

Begin	9/25/2019 8:23
End	9/25/2019 16:50
Sample Period(s)	60
Number of Records	506

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/25/2019 8:23
Peak	0.2
Min	0
Average	0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/25/2019 8:24	0.1	0.4	0.1
2	9/25/2019 8:25	0	0.1	0
3	9/25/2019 8:26	0	0	0
4	9/25/2019 8:27	0	0	0
5	9/25/2019 8:28	0	0	0
6	9/25/2019 8:29	0	0	0
7	9/25/2019 8:30	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/25/2019 8:31	0	0	0
9	9/25/2019 8:32	0	0	0
10	9/25/2019 8:33	0	0	0
11	9/25/2019 8:34	0	0	0
12	9/25/2019 8:35	0	0	0
13	9/25/2019 8:36	0	0	0
14	9/25/2019 8:37	0	0	0
15	9/25/2019 8:38	0	0	0
16	9/25/2019 8:39	0	0	0
17	9/25/2019 8:40	0	0	0
18	9/25/2019 8:41	0	0	0
19	9/25/2019 8:42	0	0	0
20	9/25/2019 8:43	0	0	0
21	9/25/2019 8:44	0	0	0
22	9/25/2019 8:45	0	0	0
23	9/25/2019 8:46	0	0	0
24	9/25/2019 8:47	0	0	0
25	9/25/2019 8:48	0	0	0
26	9/25/2019 8:49	0	0.1	0
27	9/25/2019 8:50	0	0	0
28	9/25/2019 8:51	0	0.1	0.1
29	9/25/2019 8:52	0	0.1	0
30	9/25/2019 8:53	0	0.1	0
31	9/25/2019 8:54	0	0.1	0
32	9/25/2019 8:55	0	0.1	0
33	9/25/2019 8:56	0	0.1	0
34	9/25/2019 8:57	0.1	0.1	0.1
35	9/25/2019 8:58	0	0.1	0.1
36	9/25/2019 8:59	0.1	0.1	0.1
37	9/25/2019 9:00	0.1	0.1	0.1
38	9/25/2019 9:01	0.1	0.1	0.1
39	9/25/2019 9:02	0.1	0.1	0
40	9/25/2019 9:03	0.1	0.1	0.1
41	9/25/2019 9:04	0.1	0.1	0.1
42	9/25/2019 9:05	0.1	0.1	0.1
43	9/25/2019 9:06	0.1	0.1	0.1
44	9/25/2019 9:07	0.1	0.1	0.1
45	9/25/2019 9:08	0.1	0.1	0.1
46	9/25/2019 9:09	0.1	0.1	0.1
47	9/25/2019 9:10	0	0.1	0
48	9/25/2019 9:11	0	0	0
49	9/25/2019 9:12	0	0.1	0
50	9/25/2019 9:13	0	0.1	0
51	9/25/2019 9:14	0	0	0
52	9/25/2019 9:15	0	0.1	0
53	9/25/2019 9:16	0.1	0.1	0
54	9/25/2019 9:17	0	0.1	0
55	9/25/2019 9:18	0	0	0
56	9/25/2019 9:19	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/25/2019 9:20	0	0.1	0
58	9/25/2019 9:21	0	0	0
59	9/25/2019 9:22	0	0.1	0.1
60	9/25/2019 9:23	0	0.1	0.1
61	9/25/2019 9:24	0.1	0.1	0.1
62	9/25/2019 9:25	0	0.1	0
63	9/25/2019 9:26	0	0.1	0.1
64	9/25/2019 9:27	0	0.1	0
65	9/25/2019 9:28	0	0.1	0
66	9/25/2019 9:29	0	0.1	0.1
67	9/25/2019 9:30	0	0.1	0
68	9/25/2019 9:31	0	0.1	0
69	9/25/2019 9:32	0	0	0
70	9/25/2019 9:33	0	0	0
71	9/25/2019 9:34	0	0	0
72	9/25/2019 9:35	0	0	0
73	9/25/2019 9:36	0	0	0
74	9/25/2019 9:37	0	0	0
75	9/25/2019 9:38	0	0	0
76	9/25/2019 9:39	0	0	0
77	9/25/2019 9:40	0	0	0
78	9/25/2019 9:41	0	0	0
79	9/25/2019 9:42	0	0	0
80	9/25/2019 9:43	0	0	0
81	9/25/2019 9:44	0	0	0
82	9/25/2019 9:45	0	0	0
83	9/25/2019 9:46	0	0	0
84	9/25/2019 9:47	0	0	0
85	9/25/2019 9:48	0	0	0
86	9/25/2019 9:49	0	0	0
87	9/25/2019 9:50	0	0	0
88	9/25/2019 9:51	0	0	0
89	9/25/2019 9:52	0	0	0
90	9/25/2019 9:53	0	0	0
91	9/25/2019 9:54	0	0	0
92	9/25/2019 9:55	0	0	0
93	9/25/2019 9:56	0	0	0
94	9/25/2019 9:57	0	0	0
95	9/25/2019 9:58	0	0	0
96	9/25/2019 9:59	0	0	0
97	9/25/2019 10:00	0	0	0
98	9/25/2019 10:01	0	0	0
99	9/25/2019 10:02	0	0	0
100	9/25/2019 10:03	0	0	0
101	9/25/2019 10:04	0	0	0
102	9/25/2019 10:05	0	0	0
103	9/25/2019 10:06	0	0	0
104	9/25/2019 10:07	0	0	0
105	9/25/2019 10:08	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/25/2019 10:09	0	0	0
107	9/25/2019 10:10	0	0	0
108	9/25/2019 10:11	0	0	0
109	9/25/2019 10:12	0	0	0
110	9/25/2019 10:13	0	0	0
111	9/25/2019 10:14	0	0	0
112	9/25/2019 10:15	0	0	0
113	9/25/2019 10:16	0	0	0
114	9/25/2019 10:17	0	0	0
115	9/25/2019 10:18	0	0	0
116	9/25/2019 10:19	0	0	0
117	9/25/2019 10:20	0	0	0
118	9/25/2019 10:21	0	0	0
119	9/25/2019 10:22	0.1	0.3	0.2
120	9/25/2019 10:23	0.1	0.1	0.1
121	9/25/2019 10:24	0	0.1	0
122	9/25/2019 10:25	0	0	0
123	9/25/2019 10:26	0	0	0
124	9/25/2019 10:27	0	0	0
125	9/25/2019 10:28	0	0	0
126	9/25/2019 10:29	0	0	0
127	9/25/2019 10:30	0	0	0
128	9/25/2019 10:31	0	0	0
129	9/25/2019 10:32	0	0	0
130	9/25/2019 10:33	0	0	0
131	9/25/2019 10:34	0	0	0
132	9/25/2019 10:35	0	0	0
133	9/25/2019 10:36	0	0	0
134	9/25/2019 10:37	0	0	0
135	9/25/2019 10:38	0	0	0
136	9/25/2019 10:39	0	0	0
137	9/25/2019 10:40	0	0	0
138	9/25/2019 10:41	0	0	0
139	9/25/2019 10:42	0	0	0
140	9/25/2019 10:43	0	0	0
141	9/25/2019 10:44	0	0	0
142	9/25/2019 10:45	0	0	0
143	9/25/2019 10:46	0	0	0
144	9/25/2019 10:47	0	0	0
145	9/25/2019 10:48	0	0	0
146	9/25/2019 10:49	0	0	0
147	9/25/2019 10:50	0	0	0
148	9/25/2019 10:51	0	0	0
149	9/25/2019 10:52	0	0	0
150	9/25/2019 10:53	0	0	0
151	9/25/2019 10:54	0	0	0
152	9/25/2019 10:55	0	0.1	0.1
153	9/25/2019 10:56	0	0	0
154	9/25/2019 10:57	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

155	9/25/2019 10:58	0	0	0
156	9/25/2019 10:59	0	0	0
157	9/25/2019 11:00	0	0	0
158	9/25/2019 11:01	0	0	0
159	9/25/2019 11:02	0.1	0.1	0.1
160	9/25/2019 11:03	0.1	0.1	0.1
161	9/25/2019 11:04	0.1	0.1	0.1
162	9/25/2019 11:05	0.1	0.1	0.1
163	9/25/2019 11:06	0.1	0.1	0.1
164	9/25/2019 11:07	0.1	0.1	0.1
165	9/25/2019 11:08	0.1	0.1	0.1
166	9/25/2019 11:09	0.1	0.1	0.1
167	9/25/2019 11:10	0.1	0.1	0.1
168	9/25/2019 11:11	0.1	0.1	0.1
169	9/25/2019 11:12	0.1	0.1	0.1
170	9/25/2019 11:13	0.1	0.1	0.1
171	9/25/2019 11:14	0.1	0.1	0.1
172	9/25/2019 11:15	0.1	0.1	0.1
173	9/25/2019 11:16	0.1	0.1	0.1
174	9/25/2019 11:17	0.1	0.1	0.1
175	9/25/2019 11:18	0	0.1	0
176	9/25/2019 11:19	0	0	0
177	9/25/2019 11:20	0	0	0
178	9/25/2019 11:21	0	0	0
179	9/25/2019 11:22	0	0	0
180	9/25/2019 11:23	0	0	0
181	9/25/2019 11:24	0	0	0
182	9/25/2019 11:25	0	0	0
183	9/25/2019 11:26	0	0	0
184	9/25/2019 11:27	0	0	0
185	9/25/2019 11:28	0	0	0
186	9/25/2019 11:29	0	0	0
187	9/25/2019 11:30	0	0	0
188	9/25/2019 11:31	0	0	0
189	9/25/2019 11:32	0	0	0
190	9/25/2019 11:33	0	0	0
191	9/25/2019 11:34	0	0	0
192	9/25/2019 11:35	0	0	0
193	9/25/2019 11:36	0	0	0
194	9/25/2019 11:37	0	0	0
195	9/25/2019 11:38	0	0	0
196	9/25/2019 11:39	0	0	0
197	9/25/2019 11:40	0	0	0
198	9/25/2019 11:41	0	0	0
199	9/25/2019 11:42	0	0	0
200	9/25/2019 11:43	0	0	0
201	9/25/2019 11:44	0	0	0
202	9/25/2019 11:45	0	0	0
203	9/25/2019 11:46	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

204	9/25/2019 11:47	0	0	0
205	9/25/2019 11:48	0	0	0
206	9/25/2019 11:49	0	0.1	0.1
207	9/25/2019 11:50	0	0.1	0
208	9/25/2019 11:51	0	0.1	0
209	9/25/2019 11:52	0	0	0
210	9/25/2019 11:53	0	0	0
211	9/25/2019 11:54	0	0	0
212	9/25/2019 11:55	0	0	0
213	9/25/2019 11:56	0	0	0
214	9/25/2019 11:57	0	0	0
215	9/25/2019 11:58	0	0	0
216	9/25/2019 11:59	0	0	0
217	9/25/2019 12:00	0	0	0
218	9/25/2019 12:01	0	0	0
219	9/25/2019 12:02	0	0	0
220	9/25/2019 12:03	0	0	0
221	9/25/2019 12:04	0	0	0
222	9/25/2019 12:05	0	0	0
223	9/25/2019 12:06	0	0	0
224	9/25/2019 12:07	0	0	0
225	9/25/2019 12:08	0	0	0
226	9/25/2019 12:09	0	0	0
227	9/25/2019 12:10	0	0	0
228	9/25/2019 12:11	0	0	0
229	9/25/2019 12:12	0	0	0
230	9/25/2019 12:13	0	0	0
231	9/25/2019 12:14	0	0	0
232	9/25/2019 12:15	0	0	0
233	9/25/2019 12:16	0	0	0
234	9/25/2019 12:17	0	0	0
235	9/25/2019 12:18	0	0	0
236	9/25/2019 12:19	0	0	0
237	9/25/2019 12:20	0	0	0
238	9/25/2019 12:21	0	0	0
239	9/25/2019 12:22	0	0.1	0.1
240	9/25/2019 12:23	0.1	0.1	0
241	9/25/2019 12:24	0.1	0.1	0.1
242	9/25/2019 12:25	0	0.1	0.1
243	9/25/2019 12:26	0	0.1	0
244	9/25/2019 12:27	0	0.1	0.1
245	9/25/2019 12:28	0.1	0.1	0.1
246	9/25/2019 12:29	0.1	0.1	0.1
247	9/25/2019 12:30	0.1	0.1	0.1
248	9/25/2019 12:31	0.1	0.1	0.1
249	9/25/2019 12:32	0.1	0.1	0.1
250	9/25/2019 12:33	0.1	0.1	0.1
251	9/25/2019 12:34	0.1	0.1	0.1
252	9/25/2019 12:35	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

253	9/25/2019 12:36	0.1	0.1	0.1
254	9/25/2019 12:37	0.1	0.1	0
255	9/25/2019 12:38	0.1	0.1	0.1
256	9/25/2019 12:39	0.1	0.1	0.1
257	9/25/2019 12:40	0.1	0.1	0.1
258	9/25/2019 12:41	0.1	0.1	0.1
259	9/25/2019 12:42	0.1	0.1	0.1
260	9/25/2019 12:43	0.1	0.1	0.1
261	9/25/2019 12:44	0.1	0.1	0.1
262	9/25/2019 12:45	0.1	0.1	0.1
263	9/25/2019 12:46	0.1	0.1	0.1
264	9/25/2019 12:47	0	0.1	0
265	9/25/2019 12:48	0	0	0
266	9/25/2019 12:49	0	0	0
267	9/25/2019 12:50	0	0.1	0
268	9/25/2019 12:51	0	0.1	0
269	9/25/2019 12:52	0	0.1	0.1
270	9/25/2019 12:53	0.1	0.1	0.1
271	9/25/2019 12:54	0.1	0.1	0
272	9/25/2019 12:55	0	0	0
273	9/25/2019 12:56	0	0	0
274	9/25/2019 12:57	0	0.1	0.1
275	9/25/2019 12:58	0.1	0.1	0
276	9/25/2019 12:59	0	0.1	0
277	9/25/2019 13:00	0	0.1	0
278	9/25/2019 13:01	0	0.1	0.1
279	9/25/2019 13:02	0	0.1	0
280	9/25/2019 13:03	0	0	0
281	9/25/2019 13:04	0	0	0
282	9/25/2019 13:05	0	0	0
283	9/25/2019 13:06	0	0.1	0
284	9/25/2019 13:07	0	0.1	0.1
285	9/25/2019 13:08	0	0.1	0
286	9/25/2019 13:09	0	0	0
287	9/25/2019 13:10	0	0	0
288	9/25/2019 13:11	0	0	0
289	9/25/2019 13:12	0	0	0
290	9/25/2019 13:13	0	0	0
291	9/25/2019 13:14	0	0.1	0
292	9/25/2019 13:15	0	0	0
293	9/25/2019 13:16	0	0	0
294	9/25/2019 13:17	0	0	0
295	9/25/2019 13:18	0	0	0
296	9/25/2019 13:19	0	0	0
297	9/25/2019 13:20	0	0.1	0
298	9/25/2019 13:21	0	0	0
299	9/25/2019 13:22	0	0	0
300	9/25/2019 13:23	0	0	0
301	9/25/2019 13:24	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

302	9/25/2019 13:25	0	0	0
303	9/25/2019 13:26	0	0	0
304	9/25/2019 13:27	0	0.1	0
305	9/25/2019 13:28	0	0.1	0
306	9/25/2019 13:29	0	0	0
307	9/25/2019 13:30	0	0	0
308	9/25/2019 13:31	0	0	0
309	9/25/2019 13:32	0	0	0
310	9/25/2019 13:33	0	0	0
311	9/25/2019 13:34	0	0	0
312	9/25/2019 13:35	0	0	0
313	9/25/2019 13:36	0	0	0
314	9/25/2019 13:37	0	0	0
315	9/25/2019 13:38	0	0	0
316	9/25/2019 13:39	0	0	0
317	9/25/2019 13:40	0	0	0
318	9/25/2019 13:41	0	0	0
319	9/25/2019 13:42	0	0	0
320	9/25/2019 13:43	0	0	0
321	9/25/2019 13:44	0	0	0
322	9/25/2019 13:45	0	0	0
323	9/25/2019 13:46	0	0	0
324	9/25/2019 13:47	0	0	0
325	9/25/2019 13:48	0	0	0
326	9/25/2019 13:49	0	0	0
327	9/25/2019 13:50	0	0	0
328	9/25/2019 13:51	0	0	0
329	9/25/2019 13:52	0	0	0
330	9/25/2019 13:53	0	0	0
331	9/25/2019 13:54	0	0	0
332	9/25/2019 13:55	0	0	0
333	9/25/2019 13:56	0	0	0
334	9/25/2019 13:57	0	0	0
335	9/25/2019 13:58	0	0	0
336	9/25/2019 13:59	0	0	0
337	9/25/2019 14:00	0	0	0
338	9/25/2019 14:01	0	0	0
339	9/25/2019 14:02	0	0	0
340	9/25/2019 14:03	0	0	0
341	9/25/2019 14:04	0	0	0
342	9/25/2019 14:05	0	0.1	0.1
343	9/25/2019 14:06	0.1	0.1	0
344	9/25/2019 14:07	0.1	0.1	0.1
345	9/25/2019 14:08	0	0.1	0
346	9/25/2019 14:09	0	0	0
347	9/25/2019 14:10	0	0	0
348	9/25/2019 14:11	0	0.1	0
349	9/25/2019 14:12	0	0.1	0
350	9/25/2019 14:13	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

351	9/25/2019 14:14	0	0	0
352	9/25/2019 14:15	0	0.1	0
353	9/25/2019 14:16	0	0.1	0
354	9/25/2019 14:17	0	0.1	0
355	9/25/2019 14:18	0	0	0
356	9/25/2019 14:19	0	0	0
357	9/25/2019 14:20	0	0	0
358	9/25/2019 14:21	0	0	0
359	9/25/2019 14:22	0	0	0
360	9/25/2019 14:23	0	0.1	0
361	9/25/2019 14:24	0	0.1	0
362	9/25/2019 14:25	0.1	0.1	0.1
363	9/25/2019 14:26	0.1	0.1	0.1
364	9/25/2019 14:27	0.1	0.1	0.1
365	9/25/2019 14:28	0.1	0.1	0.1
366	9/25/2019 14:29	0.1	0.1	0.1
367	9/25/2019 14:30	0.1	0.1	0.1
368	9/25/2019 14:31	0.1	0.1	0.1
369	9/25/2019 14:32	0.1	0.1	0.1
370	9/25/2019 14:33	0.1	0.1	0.1
371	9/25/2019 14:34	0.1	0.1	0.1
372	9/25/2019 14:35	0.1	0.1	0.1
373	9/25/2019 14:36	0.1	0.1	0.1
374	9/25/2019 14:37	0.1	0.1	0.1
375	9/25/2019 14:38	0.1	0.1	0.1
376	9/25/2019 14:39	0.1	0.1	0.1
377	9/25/2019 14:40	0.1	0.1	0.1
378	9/25/2019 14:41	0.1	0.1	0.1
379	9/25/2019 14:42	0.1	0.1	0.1
380	9/25/2019 14:43	0.1	0.1	0.1
381	9/25/2019 14:44	0.1	0.1	0.1
382	9/25/2019 14:45	0.1	0.1	0.1
383	9/25/2019 14:46	0.1	0.1	0.1
384	9/25/2019 14:47	0.1	0.1	0.1
385	9/25/2019 14:48	0.1	0.1	0.1
386	9/25/2019 14:49	0.1	0.1	0.1
387	9/25/2019 14:50	0.1	0.1	0.1
388	9/25/2019 14:51	0.1	0.1	0.1
389	9/25/2019 14:52	0.1	0.1	0.1
390	9/25/2019 14:53	0.1	0.1	0.1
391	9/25/2019 14:54	0.1	0.1	0.1
392	9/25/2019 14:55	0.1	0.1	0.1
393	9/25/2019 14:56	0.1	0.1	0.1
394	9/25/2019 14:57	0.1	0.1	0.1
395	9/25/2019 14:58	0.1	0.1	0.1
396	9/25/2019 14:59	0.1	0.1	0.1
397	9/25/2019 15:00	0.1	0.1	0.1
398	9/25/2019 15:01	0.1	0.1	0.1
399	9/25/2019 15:02	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

400	9/25/2019 15:03	0.1	0.1	0.1
401	9/25/2019 15:04	0.1	0.1	0.1
402	9/25/2019 15:05	0.1	0.1	0.1
403	9/25/2019 15:06	0.1	0.1	0.1
404	9/25/2019 15:07	0.1	0.1	0.1
405	9/25/2019 15:08	0.1	0.1	0.1
406	9/25/2019 15:09	0.1	0.1	0.1
407	9/25/2019 15:10	0.1	0.1	0.1
408	9/25/2019 15:11	0.1	0.1	0.1
409	9/25/2019 15:12	0.1	0.1	0.1
410	9/25/2019 15:13	0.1	0.1	0.1
411	9/25/2019 15:14	0.1	0.1	0.1
412	9/25/2019 15:15	0.1	0.1	0.1
413	9/25/2019 15:16	0.1	0.1	0.1
414	9/25/2019 15:17	0.1	0.1	0.1
415	9/25/2019 15:18	0.1	0.1	0.1
416	9/25/2019 15:19	0.1	0.1	0.1
417	9/25/2019 15:20	0.1	0.1	0.1
418	9/25/2019 15:21	0	0.1	0
419	9/25/2019 15:22	0	0.1	0.1
420	9/25/2019 15:23	0	0.1	0
421	9/25/2019 15:24	0	0.1	0.1
422	9/25/2019 15:25	0.1	0.1	0.1
423	9/25/2019 15:26	0.1	0.1	0.1
424	9/25/2019 15:27	0.1	0.1	0.1
425	9/25/2019 15:28	0.1	0.1	0.1
426	9/25/2019 15:29	0.1	0.1	0.1
427	9/25/2019 15:30	0.1	0.1	0.1
428	9/25/2019 15:31	0.1	0.1	0.1
429	9/25/2019 15:32	0.1	0.1	0.1
430	9/25/2019 15:33	0.1	0.1	0.1
431	9/25/2019 15:34	0.1	0.1	0.1
432	9/25/2019 15:35	0.1	0.1	0.1
433	9/25/2019 15:36	0.1	0.1	0.1
434	9/25/2019 15:37	0.1	0.1	0.1
435	9/25/2019 15:38	0.1	0.1	0.1
436	9/25/2019 15:39	0.1	0.1	0.1
437	9/25/2019 15:40	0.1	0.1	0.1
438	9/25/2019 15:41	0.1	0.1	0.1
439	9/25/2019 15:42	0.1	0.1	0.1
440	9/25/2019 15:43	0.1	0.1	0.1
441	9/25/2019 15:44	0.1	0.1	0.1
442	9/25/2019 15:45	0.1	0.1	0.1
443	9/25/2019 15:46	0.1	0.1	0.1
444	9/25/2019 15:47	0.1	0.1	0.1
445	9/25/2019 15:48	0.1	0.1	0.1
446	9/25/2019 15:49	0.1	0.1	0.1
447	9/25/2019 15:50	0.1	0.1	0.1
448	9/25/2019 15:51	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

449	9/25/2019 15:52	0.1	0.1	0.1
450	9/25/2019 15:53	0.1	0.1	0.1
451	9/25/2019 15:54	0.1	0.1	0.1
452	9/25/2019 15:55	0.1	0.1	0.1
453	9/25/2019 15:56	0.1	0.1	0.1
454	9/25/2019 15:57	0.1	0.1	0.1
455	9/25/2019 15:58	0.1	0.1	0.1
456	9/25/2019 15:59	0.1	0.1	0.1
457	9/25/2019 16:00	0.1	0.1	0.1
458	9/25/2019 16:01	0.1	0.1	0.1
459	9/25/2019 16:02	0.1	0.1	0.1
460	9/25/2019 16:03	0.1	0.1	0.1
461	9/25/2019 16:04	0.1	0.1	0.1
462	9/25/2019 16:05	0.1	0.1	0.1
463	9/25/2019 16:06	0.1	0.1	0.1
464	9/25/2019 16:07	0.1	0.1	0.1
465	9/25/2019 16:08	0.1	0.1	0.1
466	9/25/2019 16:09	0.1	0.1	0.1
467	9/25/2019 16:10	0.1	0.1	0.1
468	9/25/2019 16:11	0.1	0.1	0.1
469	9/25/2019 16:12	0.1	0.1	0.1
470	9/25/2019 16:13	0.1	0.1	0.1
471	9/25/2019 16:14	0.1	0.1	0.1
472	9/25/2019 16:15	0.1	0.1	0.1
473	9/25/2019 16:16	0.1	0.1	0.1
474	9/25/2019 16:17	0.1	0.1	0.1
475	9/25/2019 16:18	0.1	0.1	0.1
476	9/25/2019 16:19	0.1	0.1	0.1
477	9/25/2019 16:20	0.1	0.1	0.1
478	9/25/2019 16:21	0.1	0.1	0.1
479	9/25/2019 16:22	0.1	0.1	0.1
480	9/25/2019 16:23	0.1	0.1	0.1
481	9/25/2019 16:24	0.1	0.1	0.1
482	9/25/2019 16:25	0.1	0.1	0.1
483	9/25/2019 16:26	0.1	0.1	0.1
484	9/25/2019 16:27	0.1	0.1	0.1
485	9/25/2019 16:28	0.1	0.1	0.1
486	9/25/2019 16:29	0.1	0.1	0.1
487	9/25/2019 16:30	0.1	0.1	0.1
488	9/25/2019 16:31	0.1	0.1	0.1
489	9/25/2019 16:32	0.1	0.1	0.1
490	9/25/2019 16:33	0.1	0.1	0.1
491	9/25/2019 16:34	0.1	0.1	0.1
492	9/25/2019 16:35	0.1	0.1	0.1
493	9/25/2019 16:36	0.1	0.1	0.1
494	9/25/2019 16:37	0.1	0.1	0.1
495	9/25/2019 16:38	0.1	0.1	0.1
496	9/25/2019 16:39	0.1	0.1	0.1
497	9/25/2019 16:40	0.1	0.1	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	498	9/25/2019 16:41	0.1	0.1	0.1
	499	9/25/2019 16:42	0.1	0.1	0.1
	500	9/25/2019 16:43	0.1	0.1	0.1
	501	9/25/2019 16:44	0.1	0.1	0.1
	502	9/25/2019 16:45	0.1	0.1	0.1
	503	9/25/2019 16:46	0.1	0.1	0.1
	504	9/25/2019 16:47	0.1	0.1	0.1
	505	9/25/2019 16:48	0.1	0.1	0.1
	506	9/25/2019 16:49	0.1	0.1	0.1
Peak			0.1	0.4	0.2
Min			0	0	0
Average			0	0.1	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/25/2019 8:24	0	---
2	9/25/2019 8:25	0	---
3	9/25/2019 8:26	0	---
4	9/25/2019 8:27	0	---
5	9/25/2019 8:28	0	---
6	9/25/2019 8:29	0	---
7	9/25/2019 8:30	0	---
8	9/25/2019 8:31	0	---
9	9/25/2019 8:32	0	---
10	9/25/2019 8:33	0	---
11	9/25/2019 8:34	0	---
12	9/25/2019 8:35	0	---
13	9/25/2019 8:36	0	---
14	9/25/2019 8:37	0	---
15	9/25/2019 8:38	0	0
16	9/25/2019 8:39	0	0
17	9/25/2019 8:40	0	0
18	9/25/2019 8:41	0	0
19	9/25/2019 8:42	0	0
20	9/25/2019 8:43	0	0
21	9/25/2019 8:44	0	0
22	9/25/2019 8:45	0	0
23	9/25/2019 8:46	0	0
24	9/25/2019 8:47	0	0
25	9/25/2019 8:48	0	0
26	9/25/2019 8:49	0	0
27	9/25/2019 8:50	0	0
28	9/25/2019 8:51	0	0
29	9/25/2019 8:52	0	0
30	9/25/2019 8:53	0	0
31	9/25/2019 8:54	0	0
32	9/25/2019 8:55	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

33	9/25/2019 8:56	0	0
34	9/25/2019 8:57	0	0
35	9/25/2019 8:58	0	0
36	9/25/2019 8:59	0	0
37	9/25/2019 9:00	0	0
38	9/25/2019 9:01	0	0
39	9/25/2019 9:02	0	0
40	9/25/2019 9:03	0	0
41	9/25/2019 9:04	0	0.1
42	9/25/2019 9:05	0	0.1
43	9/25/2019 9:06	0	0.1
44	9/25/2019 9:07	0	0.1
45	9/25/2019 9:08	0	0.1
46	9/25/2019 9:09	0	0.1
47	9/25/2019 9:10	0	0.1
48	9/25/2019 9:11	0	0.1
49	9/25/2019 9:12	0	0.1
50	9/25/2019 9:13	0	0.1
51	9/25/2019 9:14	0	0.1
52	9/25/2019 9:15	0	0.1
53	9/25/2019 9:16	0	0
54	9/25/2019 9:17	0	0
55	9/25/2019 9:18	0	0
56	9/25/2019 9:19	0	0
57	9/25/2019 9:20	0	0
58	9/25/2019 9:21	0	0
59	9/25/2019 9:22	0	0
60	9/25/2019 9:23	0	0
61	9/25/2019 9:24	0	0
62	9/25/2019 9:25	0	0
63	9/25/2019 9:26	0	0
64	9/25/2019 9:27	0	0
65	9/25/2019 9:28	0	0
66	9/25/2019 9:29	0	0
67	9/25/2019 9:30	0	0
68	9/25/2019 9:31	0	0
69	9/25/2019 9:32	0	0
70	9/25/2019 9:33	0	0
71	9/25/2019 9:34	0	0
72	9/25/2019 9:35	0	0
73	9/25/2019 9:36	0	0
74	9/25/2019 9:37	0	0
75	9/25/2019 9:38	0	0
76	9/25/2019 9:39	0	0
77	9/25/2019 9:40	0	0
78	9/25/2019 9:41	0	0
79	9/25/2019 9:42	0	0
80	9/25/2019 9:43	0	0
81	9/25/2019 9:44	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

82	9/25/2019 9:45	0	0
83	9/25/2019 9:46	0	0
84	9/25/2019 9:47	0	0
85	9/25/2019 9:48	0	0
86	9/25/2019 9:49	0	0
87	9/25/2019 9:50	0	0
88	9/25/2019 9:51	0	0
89	9/25/2019 9:52	0	0
90	9/25/2019 9:53	0	0
91	9/25/2019 9:54	0	0
92	9/25/2019 9:55	0	0
93	9/25/2019 9:56	0	0
94	9/25/2019 9:57	0	0
95	9/25/2019 9:58	0	0
96	9/25/2019 9:59	0	0
97	9/25/2019 10:00	0	0
98	9/25/2019 10:01	0	0
99	9/25/2019 10:02	0	0
100	9/25/2019 10:03	0	0
101	9/25/2019 10:04	0	0
102	9/25/2019 10:05	0	0
103	9/25/2019 10:06	0	0
104	9/25/2019 10:07	0	0
105	9/25/2019 10:08	0	0
106	9/25/2019 10:09	0	0
107	9/25/2019 10:10	0	0
108	9/25/2019 10:11	0	0
109	9/25/2019 10:12	0	0
110	9/25/2019 10:13	0	0
111	9/25/2019 10:14	0	0
112	9/25/2019 10:15	0	0
113	9/25/2019 10:16	0	0
114	9/25/2019 10:17	0	0
115	9/25/2019 10:18	0	0
116	9/25/2019 10:19	0	0
117	9/25/2019 10:20	0	0
118	9/25/2019 10:21	0	0
119	9/25/2019 10:22	0	0
120	9/25/2019 10:23	0	0
121	9/25/2019 10:24	0	0
122	9/25/2019 10:25	0	0
123	9/25/2019 10:26	0	0
124	9/25/2019 10:27	0	0
125	9/25/2019 10:28	0	0
126	9/25/2019 10:29	0	0
127	9/25/2019 10:30	0	0
128	9/25/2019 10:31	0	0
129	9/25/2019 10:32	0	0
130	9/25/2019 10:33	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

131	9/25/2019 10:34	0	0
132	9/25/2019 10:35	0	0
133	9/25/2019 10:36	0	0
134	9/25/2019 10:37	0	0
135	9/25/2019 10:38	0	0
136	9/25/2019 10:39	0	0
137	9/25/2019 10:40	0	0
138	9/25/2019 10:41	0	0
139	9/25/2019 10:42	0	0
140	9/25/2019 10:43	0	0
141	9/25/2019 10:44	0	0
142	9/25/2019 10:45	0	0
143	9/25/2019 10:46	0	0
144	9/25/2019 10:47	0	0
145	9/25/2019 10:48	0	0
146	9/25/2019 10:49	0	0
147	9/25/2019 10:50	0	0
148	9/25/2019 10:51	0	0
149	9/25/2019 10:52	0	0
150	9/25/2019 10:53	0	0
151	9/25/2019 10:54	0	0
152	9/25/2019 10:55	0	0
153	9/25/2019 10:56	0	0
154	9/25/2019 10:57	0	0
155	9/25/2019 10:58	0	0
156	9/25/2019 10:59	0	0
157	9/25/2019 11:00	0	0
158	9/25/2019 11:01	0	0
159	9/25/2019 11:02	0	0
160	9/25/2019 11:03	0	0
161	9/25/2019 11:04	0	0
162	9/25/2019 11:05	0	0
163	9/25/2019 11:06	0	0
164	9/25/2019 11:07	0	0
165	9/25/2019 11:08	0	0.1
166	9/25/2019 11:09	0	0.1
167	9/25/2019 11:10	0	0.1
168	9/25/2019 11:11	0	0.1
169	9/25/2019 11:12	0	0.1
170	9/25/2019 11:13	0	0.1
171	9/25/2019 11:14	0	0.1
172	9/25/2019 11:15	0	0.1
173	9/25/2019 11:16	0	0.1
174	9/25/2019 11:17	0	0.1
175	9/25/2019 11:18	0	0.1
176	9/25/2019 11:19	0	0.1
177	9/25/2019 11:20	0	0.1
178	9/25/2019 11:21	0	0.1
179	9/25/2019 11:22	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

180	9/25/2019 11:23	0	0.1
181	9/25/2019 11:24	0	0.1
182	9/25/2019 11:25	0	0
183	9/25/2019 11:26	0	0
184	9/25/2019 11:27	0	0
185	9/25/2019 11:28	0	0
186	9/25/2019 11:29	0	0
187	9/25/2019 11:30	0	0
188	9/25/2019 11:31	0	0
189	9/25/2019 11:32	0	0
190	9/25/2019 11:33	0	0
191	9/25/2019 11:34	0	0
192	9/25/2019 11:35	0	0
193	9/25/2019 11:36	0	0
194	9/25/2019 11:37	0	0
195	9/25/2019 11:38	0	0
196	9/25/2019 11:39	0	0
197	9/25/2019 11:40	0	0
198	9/25/2019 11:41	0	0
199	9/25/2019 11:42	0	0
200	9/25/2019 11:43	0	0
201	9/25/2019 11:44	0	0
202	9/25/2019 11:45	0	0
203	9/25/2019 11:46	0	0
204	9/25/2019 11:47	0	0
205	9/25/2019 11:48	0	0
206	9/25/2019 11:49	0	0
207	9/25/2019 11:50	0	0
208	9/25/2019 11:51	0	0
209	9/25/2019 11:52	0	0
210	9/25/2019 11:53	0	0
211	9/25/2019 11:54	0	0
212	9/25/2019 11:55	0	0
213	9/25/2019 11:56	0	0
214	9/25/2019 11:57	0	0
215	9/25/2019 11:58	0	0
216	9/25/2019 11:59	0	0
217	9/25/2019 12:00	0	0
218	9/25/2019 12:01	0	0
219	9/25/2019 12:02	0	0
220	9/25/2019 12:03	0	0
221	9/25/2019 12:04	0	0
222	9/25/2019 12:05	0	0
223	9/25/2019 12:06	0	0
224	9/25/2019 12:07	0	0
225	9/25/2019 12:08	0	0
226	9/25/2019 12:09	0	0
227	9/25/2019 12:10	0	0
228	9/25/2019 12:11	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

229	9/25/2019 12:12	0	0
230	9/25/2019 12:13	0	0
231	9/25/2019 12:14	0	0
232	9/25/2019 12:15	0	0
233	9/25/2019 12:16	0	0
234	9/25/2019 12:17	0	0
235	9/25/2019 12:18	0	0
236	9/25/2019 12:19	0	0
237	9/25/2019 12:20	0	0
238	9/25/2019 12:21	0	0
239	9/25/2019 12:22	0	0
240	9/25/2019 12:23	0	0
241	9/25/2019 12:24	0	0
242	9/25/2019 12:25	0	0
243	9/25/2019 12:26	0	0
244	9/25/2019 12:27	0	0
245	9/25/2019 12:28	0	0
246	9/25/2019 12:29	0	0
247	9/25/2019 12:30	0	0
248	9/25/2019 12:31	0	0.1
249	9/25/2019 12:32	0	0.1
250	9/25/2019 12:33	0	0.1
251	9/25/2019 12:34	0	0.1
252	9/25/2019 12:35	0	0.1
253	9/25/2019 12:36	0	0.1
254	9/25/2019 12:37	0	0.1
255	9/25/2019 12:38	0	0.1
256	9/25/2019 12:39	0	0.1
257	9/25/2019 12:40	0	0.1
258	9/25/2019 12:41	0	0.1
259	9/25/2019 12:42	0	0.1
260	9/25/2019 12:43	0	0.1
261	9/25/2019 12:44	0	0.1
262	9/25/2019 12:45	0	0.1
263	9/25/2019 12:46	0	0.1
264	9/25/2019 12:47	0	0.1
265	9/25/2019 12:48	0	0.1
266	9/25/2019 12:49	0	0.1
267	9/25/2019 12:50	0	0.1
268	9/25/2019 12:51	0	0.1
269	9/25/2019 12:52	0	0.1
270	9/25/2019 12:53	0	0.1
271	9/25/2019 12:54	0	0.1
272	9/25/2019 12:55	0	0.1
273	9/25/2019 12:56	0	0
274	9/25/2019 12:57	0	0
275	9/25/2019 12:58	0	0
276	9/25/2019 12:59	0	0
277	9/25/2019 13:00	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

278	9/25/2019 13:01	0	0
279	9/25/2019 13:02	0	0
280	9/25/2019 13:03	0	0
281	9/25/2019 13:04	0	0
282	9/25/2019 13:05	0	0
283	9/25/2019 13:06	0	0
284	9/25/2019 13:07	0	0
285	9/25/2019 13:08	0	0
286	9/25/2019 13:09	0	0
287	9/25/2019 13:10	0	0
288	9/25/2019 13:11	0	0
289	9/25/2019 13:12	0	0
290	9/25/2019 13:13	0	0
291	9/25/2019 13:14	0	0
292	9/25/2019 13:15	0	0
293	9/25/2019 13:16	0	0
294	9/25/2019 13:17	0	0
295	9/25/2019 13:18	0	0
296	9/25/2019 13:19	0	0
297	9/25/2019 13:20	0	0
298	9/25/2019 13:21	0	0
299	9/25/2019 13:22	0	0
300	9/25/2019 13:23	0	0
301	9/25/2019 13:24	0	0
302	9/25/2019 13:25	0	0
303	9/25/2019 13:26	0	0
304	9/25/2019 13:27	0	0
305	9/25/2019 13:28	0	0
306	9/25/2019 13:29	0	0
307	9/25/2019 13:30	0	0
308	9/25/2019 13:31	0	0
309	9/25/2019 13:32	0	0
310	9/25/2019 13:33	0	0
311	9/25/2019 13:34	0	0
312	9/25/2019 13:35	0	0
313	9/25/2019 13:36	0	0
314	9/25/2019 13:37	0	0
315	9/25/2019 13:38	0	0
316	9/25/2019 13:39	0	0
317	9/25/2019 13:40	0	0
318	9/25/2019 13:41	0	0
319	9/25/2019 13:42	0	0
320	9/25/2019 13:43	0	0
321	9/25/2019 13:44	0	0
322	9/25/2019 13:45	0	0
323	9/25/2019 13:46	0	0
324	9/25/2019 13:47	0	0
325	9/25/2019 13:48	0	0
326	9/25/2019 13:49	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

327	9/25/2019 13:50	0	0
328	9/25/2019 13:51	0	0
329	9/25/2019 13:52	0	0
330	9/25/2019 13:53	0	0
331	9/25/2019 13:54	0	0
332	9/25/2019 13:55	0	0
333	9/25/2019 13:56	0	0
334	9/25/2019 13:57	0	0
335	9/25/2019 13:58	0	0
336	9/25/2019 13:59	0	0
337	9/25/2019 14:00	0	0
338	9/25/2019 14:01	0	0
339	9/25/2019 14:02	0	0
340	9/25/2019 14:03	0	0
341	9/25/2019 14:04	0	0
342	9/25/2019 14:05	0	0
343	9/25/2019 14:06	0	0
344	9/25/2019 14:07	0	0
345	9/25/2019 14:08	0	0
346	9/25/2019 14:09	0	0
347	9/25/2019 14:10	0	0
348	9/25/2019 14:11	0	0
349	9/25/2019 14:12	0	0
350	9/25/2019 14:13	0	0
351	9/25/2019 14:14	0	0
352	9/25/2019 14:15	0	0
353	9/25/2019 14:16	0	0
354	9/25/2019 14:17	0	0
355	9/25/2019 14:18	0	0
356	9/25/2019 14:19	0	0
357	9/25/2019 14:20	0	0
358	9/25/2019 14:21	0	0
359	9/25/2019 14:22	0	0
360	9/25/2019 14:23	0	0
361	9/25/2019 14:24	0	0
362	9/25/2019 14:25	0	0
363	9/25/2019 14:26	0	0
364	9/25/2019 14:27	0	0
365	9/25/2019 14:28	0	0
366	9/25/2019 14:29	0	0
367	9/25/2019 14:30	0	0
368	9/25/2019 14:31	0	0
369	9/25/2019 14:32	0	0.1
370	9/25/2019 14:33	0	0.1
371	9/25/2019 14:34	0	0.1
372	9/25/2019 14:35	0	0.1
373	9/25/2019 14:36	0	0.1
374	9/25/2019 14:37	0	0.1
375	9/25/2019 14:38	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

376	9/25/2019 14:39	0	0.1
377	9/25/2019 14:40	0	0.1
378	9/25/2019 14:41	0	0.1
379	9/25/2019 14:42	0	0.1
380	9/25/2019 14:43	0	0.1
381	9/25/2019 14:44	0	0.1
382	9/25/2019 14:45	0	0.1
383	9/25/2019 14:46	0	0.1
384	9/25/2019 14:47	0	0.1
385	9/25/2019 14:48	0	0.1
386	9/25/2019 14:49	0	0.1
387	9/25/2019 14:50	0	0.1
388	9/25/2019 14:51	0	0.1
389	9/25/2019 14:52	0	0.1
390	9/25/2019 14:53	0	0.1
391	9/25/2019 14:54	0	0.1
392	9/25/2019 14:55	0	0.1
393	9/25/2019 14:56	0	0.1
394	9/25/2019 14:57	0	0.1
395	9/25/2019 14:58	0	0.1
396	9/25/2019 14:59	0	0.1
397	9/25/2019 15:00	0	0.1
398	9/25/2019 15:01	0	0.1
399	9/25/2019 15:02	0	0.1
400	9/25/2019 15:03	0	0.1
401	9/25/2019 15:04	0	0.1
402	9/25/2019 15:05	0	0.1
403	9/25/2019 15:06	0	0.1
404	9/25/2019 15:07	0	0.1
405	9/25/2019 15:08	0	0.1
406	9/25/2019 15:09	0	0.1
407	9/25/2019 15:10	0	0.1
408	9/25/2019 15:11	0	0.1
409	9/25/2019 15:12	0	0.1
410	9/25/2019 15:13	0	0.1
411	9/25/2019 15:14	0	0.1
412	9/25/2019 15:15	0	0.1
413	9/25/2019 15:16	0	0.1
414	9/25/2019 15:17	0	0.1
415	9/25/2019 15:18	0	0.1
416	9/25/2019 15:19	0	0.1
417	9/25/2019 15:20	0	0.1
418	9/25/2019 15:21	0	0.1
419	9/25/2019 15:22	0	0.1
420	9/25/2019 15:23	0	0.1
421	9/25/2019 15:24	0	0.1
422	9/25/2019 15:25	0	0.1
423	9/25/2019 15:26	0	0.1
424	9/25/2019 15:27	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

425	9/25/2019 15:28	0	0.1
426	9/25/2019 15:29	0	0.1
427	9/25/2019 15:30	0	0.1
428	9/25/2019 15:31	0	0.1
429	9/25/2019 15:32	0	0.1
430	9/25/2019 15:33	0	0.1
431	9/25/2019 15:34	0	0.1
432	9/25/2019 15:35	0	0.1
433	9/25/2019 15:36	0	0.1
434	9/25/2019 15:37	0	0.1
435	9/25/2019 15:38	0	0.1
436	9/25/2019 15:39	0	0.1
437	9/25/2019 15:40	0	0.1
438	9/25/2019 15:41	0	0.1
439	9/25/2019 15:42	0	0.1
440	9/25/2019 15:43	0	0.1
441	9/25/2019 15:44	0	0.1
442	9/25/2019 15:45	0	0.1
443	9/25/2019 15:46	0	0.1
444	9/25/2019 15:47	0	0.1
445	9/25/2019 15:48	0	0.1
446	9/25/2019 15:49	0	0.1
447	9/25/2019 15:50	0	0.1
448	9/25/2019 15:51	0	0.1
449	9/25/2019 15:52	0	0.1
450	9/25/2019 15:53	0	0.1
451	9/25/2019 15:54	0	0.1
452	9/25/2019 15:55	0	0.1
453	9/25/2019 15:56	0	0.1
454	9/25/2019 15:57	0	0.1
455	9/25/2019 15:58	0	0.1
456	9/25/2019 15:59	0	0.1
457	9/25/2019 16:00	0	0.1
458	9/25/2019 16:01	0	0.1
459	9/25/2019 16:02	0	0.1
460	9/25/2019 16:03	0	0.1
461	9/25/2019 16:04	0	0.1
462	9/25/2019 16:05	0	0.1
463	9/25/2019 16:06	0	0.1
464	9/25/2019 16:07	0	0.1
465	9/25/2019 16:08	0	0.1
466	9/25/2019 16:09	0	0.1
467	9/25/2019 16:10	0	0.1
468	9/25/2019 16:11	0	0.1
469	9/25/2019 16:12	0	0.1
470	9/25/2019 16:13	0	0.1
471	9/25/2019 16:14	0	0.1
472	9/25/2019 16:15	0	0.1
473	9/25/2019 16:16	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

474	9/25/2019 16:17	0	0.1
475	9/25/2019 16:18	0	0.1
476	9/25/2019 16:19	0	0.1
477	9/25/2019 16:20	0	0.1
478	9/25/2019 16:21	0	0.1
479	9/25/2019 16:22	0	0.1
480	9/25/2019 16:23	0	0.1
481	9/25/2019 16:24	0	0.1
482	9/25/2019 16:25	0	0.1
483	9/25/2019 16:26	0	0.1
484	9/25/2019 16:27	0	0.1
485	9/25/2019 16:28	0	0.1
486	9/25/2019 16:29	0	0.1
487	9/25/2019 16:30	0	0.1
488	9/25/2019 16:31	0	0.1
489	9/25/2019 16:32	0	0.1
490	9/25/2019 16:33	0	0.1
491	9/25/2019 16:34	0	0.1
492	9/25/2019 16:35	0	0.1
493	9/25/2019 16:36	0	0.1
494	9/25/2019 16:37	0	0.1
495	9/25/2019 16:38	0	0.1
496	9/25/2019 16:39	0	0.1
497	9/25/2019 16:40	0	0.1
498	9/25/2019 16:41	0	0.1
499	9/25/2019 16:42	0	0.1
500	9/25/2019 16:43	0	0.1
501	9/25/2019 16:44	0	0.1
502	9/25/2019 16:45	0	0.1
503	9/25/2019 16:46	0	0.1
504	9/25/2019 16:47	0	0.1
505	9/25/2019 16:48	0	0.1
506	9/25/2019 16:49	0	0.1

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

==========

19/09/27 07:11
****
Summary

Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-912859
Unit Firmware Ver	V2.20A

Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down

Site ID	12345678
User ID	12345678

Begin	9/27/2019 7:11
End	9/27/2019 10:22
Sample Period(s)	60
Number of Records	190

Sensor	PID(ppm)
Sensor SN	S023030194R6
Measure Type	Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurement Gas	Isobutylene
Calibration Time	9/25/2019 8:23
Peak	0.1
Min	0
Average	0

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
1	9/27/2019 7:12	0	0	0
2	9/27/2019 7:13	0	0	0
3	9/27/2019 7:14	0	0	0
4	9/27/2019 7:15	0.1	0.1	0.1
5	9/27/2019 7:16	0.1	0.1	0
6	9/27/2019 7:17	0	0	0
7	9/27/2019 7:18	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

8	9/27/2019 7:19	0	0	0
9	9/27/2019 7:20	0	0	0
10	9/27/2019 7:21	0	0	0
11	9/27/2019 7:22	0	0	0
12	9/27/2019 7:23	0	0	0
13	9/27/2019 7:24	0	0	0
14	9/27/2019 7:25	0	0	0
15	9/27/2019 7:26	0	0	0
16	9/27/2019 7:27	0	0	0
17	9/27/2019 7:28	0	0	0
18	9/27/2019 7:29	0	0	0
19	9/27/2019 7:30	0	0	0
20	9/27/2019 7:31	0	0	0
21	9/27/2019 7:32	0	0	0
22	9/27/2019 7:33	0	0	0
23	9/27/2019 7:34	0	0	0
24	9/27/2019 7:35	0	0	0
25	9/27/2019 7:36	0	0	0
26	9/27/2019 7:37	0	0	0
27	9/27/2019 7:38	0	0	0
28	9/27/2019 7:39	0	0	0
29	9/27/2019 7:40	0	0	0
30	9/27/2019 7:41	0	0	0
31	9/27/2019 7:42	0	0	0
32	9/27/2019 7:43	0	0	0
33	9/27/2019 7:44	0	0	0
34	9/27/2019 7:45	0	0	0
35	9/27/2019 7:46	0	0	0
36	9/27/2019 7:47	0	0	0
37	9/27/2019 7:48	0	0	0
38	9/27/2019 7:49	0	0	0
39	9/27/2019 7:50	0	0	0
40	9/27/2019 7:51	0	0	0
41	9/27/2019 7:52	0	0	0
42	9/27/2019 7:53	0	0	0
43	9/27/2019 7:54	0	0	0
44	9/27/2019 7:55	0	0	0
45	9/27/2019 7:56	0	0	0
46	9/27/2019 7:57	0	0	0
47	9/27/2019 7:58	0	0	0
48	9/27/2019 7:59	0	0	0
49	9/27/2019 8:00	0	0	0
50	9/27/2019 8:01	0	0	0
51	9/27/2019 8:02	0	0	0
52	9/27/2019 8:03	0	0	0
53	9/27/2019 8:04	0	0	0
54	9/27/2019 8:05	0	0	0
55	9/27/2019 8:06	0	0	0
56	9/27/2019 8:07	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

57	9/27/2019 8:08	0	0	0
58	9/27/2019 8:09	0	0	0
59	9/27/2019 8:10	0	0	0
60	9/27/2019 8:11	0	0	0
61	9/27/2019 8:12	0.1	0.3	0
62	9/27/2019 8:13	0	0	0
63	9/27/2019 8:14	0	0	0
64	9/27/2019 8:15	0	0	0
65	9/27/2019 8:16	0	0	0
66	9/27/2019 8:17	0.1	0.2	0.1
67	9/27/2019 8:18	0	0.1	0
68	9/27/2019 8:19	0	0	0
69	9/27/2019 8:20	0.1	0.1	0
70	9/27/2019 8:21	0	0	0
71	9/27/2019 8:22	0	0	0
72	9/27/2019 8:23	0	0.1	0.1
73	9/27/2019 8:24	0	0.1	0
74	9/27/2019 8:25	0	0	0
75	9/27/2019 8:26	0	0	0
76	9/27/2019 8:27	0	0	0
77	9/27/2019 8:28	0	0	0
78	9/27/2019 8:29	0	0	0
79	9/27/2019 8:30	0	0	0
80	9/27/2019 8:31	0	0	0
81	9/27/2019 8:32	0	0	0
82	9/27/2019 8:33	0	0	0
83	9/27/2019 8:34	0	0	0
84	9/27/2019 8:35	0	0	0
85	9/27/2019 8:36	0	0	0
86	9/27/2019 8:37	0	0	0
87	9/27/2019 8:38	0	0	0
88	9/27/2019 8:39	0	0	0
89	9/27/2019 8:40	0	0	0
90	9/27/2019 8:41	0	0	0
91	9/27/2019 8:42	0	0	0
92	9/27/2019 8:43	0	0	0
93	9/27/2019 8:44	0	0	0
94	9/27/2019 8:45	0	0	0
95	9/27/2019 8:46	0	0	0
96	9/27/2019 8:47	0	0	0
97	9/27/2019 8:48	0	0	0
98	9/27/2019 8:49	0	0	0
99	9/27/2019 8:50	0	0	0
100	9/27/2019 8:51	0	0	0
101	9/27/2019 8:52	0	0	0
102	9/27/2019 8:53	0	0	0
103	9/27/2019 8:54	0	0	0
104	9/27/2019 8:55	0	0	0
105	9/27/2019 8:56	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

106	9/27/2019 8:57	0	0	0
107	9/27/2019 8:58	0	0	0
108	9/27/2019 8:59	0	0	0
109	9/27/2019 9:00	0	0	0
110	9/27/2019 9:01	0	0	0
111	9/27/2019 9:02	0	0	0
112	9/27/2019 9:03	0	0	0
113	9/27/2019 9:04	0	0	0
114	9/27/2019 9:05	0	0	0
115	9/27/2019 9:06	0	0	0
116	9/27/2019 9:07	0	0	0
117	9/27/2019 9:08	0	0	0
118	9/27/2019 9:09	0	0	0
119	9/27/2019 9:10	0	0	0
120	9/27/2019 9:11	0	0	0
121	9/27/2019 9:12	0	0	0
122	9/27/2019 9:13	0	0	0
123	9/27/2019 9:14	0	0	0
124	9/27/2019 9:15	0	0	0
125	9/27/2019 9:16	0	0	0
126	9/27/2019 9:17	0	0	0
127	9/27/2019 9:18	0	0	0
128	9/27/2019 9:19	0	0	0
129	9/27/2019 9:20	0	0	0
130	9/27/2019 9:21	0	0	0
131	9/27/2019 9:22	0	0	0
132	9/27/2019 9:23	0	0	0
133	9/27/2019 9:24	0	0	0
134	9/27/2019 9:25	0	0	0
135	9/27/2019 9:26	0	0	0
136	9/27/2019 9:27	0	0	0
137	9/27/2019 9:28	0	0	0
138	9/27/2019 9:29	0	0	0
139	9/27/2019 9:30	0	0	0
140	9/27/2019 9:31	0	0	0
141	9/27/2019 9:32	0	0	0
142	9/27/2019 9:33	0	0	0
143	9/27/2019 9:34	0	0	0
144	9/27/2019 9:35	0	0	0
145	9/27/2019 9:36	0	0	0
146	9/27/2019 9:37	0	0	0
147	9/27/2019 9:38	0	0	0
148	9/27/2019 9:39	0	0	0
149	9/27/2019 9:40	0	0	0
150	9/27/2019 9:41	0	0	0
151	9/27/2019 9:42	0	0	0
152	9/27/2019 9:43	0	0	0
153	9/27/2019 9:44	0	0	0
154	9/27/2019 9:45	0	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

	155	9/27/2019 9:46	0	0	0
	156	9/27/2019 9:47	0	0	0
	157	9/27/2019 9:48	0	0	0
	158	9/27/2019 9:49	0	0	0
	159	9/27/2019 9:50	0	0	0
	160	9/27/2019 9:51	0	0	0
	161	9/27/2019 9:52	0	0	0
	162	9/27/2019 9:53	0	0	0
	163	9/27/2019 9:54	0	0	0
	164	9/27/2019 9:55	0	0	0
	165	9/27/2019 9:56	0	0	0
	166	9/27/2019 9:57	0	0	0
	167	9/27/2019 9:58	0	0	0
	168	9/27/2019 9:59	0	0	0
	169	9/27/2019 10:00	0	0	0
	170	9/27/2019 10:01	0	0	0
	171	9/27/2019 10:02	0	0	0
	172	9/27/2019 10:03	0	0	0
	173	9/27/2019 10:04	0	0	0
	174	9/27/2019 10:05	0	0	0
	175	9/27/2019 10:06	0	0	0
	176	9/27/2019 10:07	0	0	0
	177	9/27/2019 10:08	0	0	0
	178	9/27/2019 10:09	0	0	0
	179	9/27/2019 10:10	0	0	0
	180	9/27/2019 10:11	0	0	0
	181	9/27/2019 10:12	0	0	0
	182	9/27/2019 10:13	0	0	0
	183	9/27/2019 10:14	0	0	0
	184	9/27/2019 10:15	0	0	0
	185	9/27/2019 10:16	0	0	0
	186	9/27/2019 10:17	0	0	0
	187	9/27/2019 10:18	0	0	0
	188	9/27/2019 10:19	0	0	0
	189	9/27/2019 10:20	0	0	0
	190	9/27/2019 10:21	0	0	0
Peak			0.1	0.3	0.1
Min			0	0	0
Average			0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	9/27/2019 7:12	0	---
2	9/27/2019 7:13	0	---
3	9/27/2019 7:14	0	---
4	9/27/2019 7:15	0	---
5	9/27/2019 7:16	0	---

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

6	9/27/2019 7:17	0	---
7	9/27/2019 7:18	0	---
8	9/27/2019 7:19	0	---
9	9/27/2019 7:20	0	---
10	9/27/2019 7:21	0	---
11	9/27/2019 7:22	0	---
12	9/27/2019 7:23	0	---
13	9/27/2019 7:24	0	---
14	9/27/2019 7:25	0	---
15	9/27/2019 7:26	0	0
16	9/27/2019 7:27	0	0
17	9/27/2019 7:28	0	0
18	9/27/2019 7:29	0	0
19	9/27/2019 7:30	0	0
20	9/27/2019 7:31	0	0
21	9/27/2019 7:32	0	0
22	9/27/2019 7:33	0	0
23	9/27/2019 7:34	0	0
24	9/27/2019 7:35	0	0
25	9/27/2019 7:36	0	0
26	9/27/2019 7:37	0	0
27	9/27/2019 7:38	0	0
28	9/27/2019 7:39	0	0
29	9/27/2019 7:40	0	0
30	9/27/2019 7:41	0	0
31	9/27/2019 7:42	0	0
32	9/27/2019 7:43	0	0
33	9/27/2019 7:44	0	0
34	9/27/2019 7:45	0	0
35	9/27/2019 7:46	0	0
36	9/27/2019 7:47	0	0
37	9/27/2019 7:48	0	0
38	9/27/2019 7:49	0	0
39	9/27/2019 7:50	0	0
40	9/27/2019 7:51	0	0
41	9/27/2019 7:52	0	0
42	9/27/2019 7:53	0	0
43	9/27/2019 7:54	0	0
44	9/27/2019 7:55	0	0
45	9/27/2019 7:56	0	0
46	9/27/2019 7:57	0	0
47	9/27/2019 7:58	0	0
48	9/27/2019 7:59	0	0
49	9/27/2019 8:00	0	0
50	9/27/2019 8:01	0	0
51	9/27/2019 8:02	0	0
52	9/27/2019 8:03	0	0
53	9/27/2019 8:04	0	0
54	9/27/2019 8:05	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

55	9/27/2019 8:06	0	0
56	9/27/2019 8:07	0	0
57	9/27/2019 8:08	0	0
58	9/27/2019 8:09	0	0
59	9/27/2019 8:10	0	0
60	9/27/2019 8:11	0	0
61	9/27/2019 8:12	0	0
62	9/27/2019 8:13	0	0
63	9/27/2019 8:14	0	0
64	9/27/2019 8:15	0	0
65	9/27/2019 8:16	0	0
66	9/27/2019 8:17	0	0
67	9/27/2019 8:18	0	0
68	9/27/2019 8:19	0	0
69	9/27/2019 8:20	0	0
70	9/27/2019 8:21	0	0
71	9/27/2019 8:22	0	0
72	9/27/2019 8:23	0	0
73	9/27/2019 8:24	0	0
74	9/27/2019 8:25	0	0
75	9/27/2019 8:26	0	0
76	9/27/2019 8:27	0	0
77	9/27/2019 8:28	0	0
78	9/27/2019 8:29	0	0
79	9/27/2019 8:30	0	0
80	9/27/2019 8:31	0	0
81	9/27/2019 8:32	0	0
82	9/27/2019 8:33	0	0
83	9/27/2019 8:34	0	0
84	9/27/2019 8:35	0	0
85	9/27/2019 8:36	0	0
86	9/27/2019 8:37	0	0
87	9/27/2019 8:38	0	0
88	9/27/2019 8:39	0	0
89	9/27/2019 8:40	0	0
90	9/27/2019 8:41	0	0
91	9/27/2019 8:42	0	0
92	9/27/2019 8:43	0	0
93	9/27/2019 8:44	0	0
94	9/27/2019 8:45	0	0
95	9/27/2019 8:46	0	0
96	9/27/2019 8:47	0	0
97	9/27/2019 8:48	0	0
98	9/27/2019 8:49	0	0
99	9/27/2019 8:50	0	0
100	9/27/2019 8:51	0	0
101	9/27/2019 8:52	0	0
102	9/27/2019 8:53	0	0
103	9/27/2019 8:54	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

104	9/27/2019 8:55	0	0
105	9/27/2019 8:56	0	0
106	9/27/2019 8:57	0	0
107	9/27/2019 8:58	0	0
108	9/27/2019 8:59	0	0
109	9/27/2019 9:00	0	0
110	9/27/2019 9:01	0	0
111	9/27/2019 9:02	0	0
112	9/27/2019 9:03	0	0
113	9/27/2019 9:04	0	0
114	9/27/2019 9:05	0	0
115	9/27/2019 9:06	0	0
116	9/27/2019 9:07	0	0
117	9/27/2019 9:08	0	0
118	9/27/2019 9:09	0	0
119	9/27/2019 9:10	0	0
120	9/27/2019 9:11	0	0
121	9/27/2019 9:12	0	0
122	9/27/2019 9:13	0	0
123	9/27/2019 9:14	0	0
124	9/27/2019 9:15	0	0
125	9/27/2019 9:16	0	0
126	9/27/2019 9:17	0	0
127	9/27/2019 9:18	0	0
128	9/27/2019 9:19	0	0
129	9/27/2019 9:20	0	0
130	9/27/2019 9:21	0	0
131	9/27/2019 9:22	0	0
132	9/27/2019 9:23	0	0
133	9/27/2019 9:24	0	0
134	9/27/2019 9:25	0	0
135	9/27/2019 9:26	0	0
136	9/27/2019 9:27	0	0
137	9/27/2019 9:28	0	0
138	9/27/2019 9:29	0	0
139	9/27/2019 9:30	0	0
140	9/27/2019 9:31	0	0
141	9/27/2019 9:32	0	0
142	9/27/2019 9:33	0	0
143	9/27/2019 9:34	0	0
144	9/27/2019 9:35	0	0
145	9/27/2019 9:36	0	0
146	9/27/2019 9:37	0	0
147	9/27/2019 9:38	0	0
148	9/27/2019 9:39	0	0
149	9/27/2019 9:40	0	0
150	9/27/2019 9:41	0	0
151	9/27/2019 9:42	0	0
152	9/27/2019 9:43	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Volatile Aerosol Monitoring
9/16/2019 - 9/27/2019

153	9/27/2019 9:44	0	0
154	9/27/2019 9:45	0	0
155	9/27/2019 9:46	0	0
156	9/27/2019 9:47	0	0
157	9/27/2019 9:48	0	0
158	9/27/2019 9:49	0	0
159	9/27/2019 9:50	0	0
160	9/27/2019 9:51	0	0
161	9/27/2019 9:52	0	0
162	9/27/2019 9:53	0	0
163	9/27/2019 9:54	0	0
164	9/27/2019 9:55	0	0
165	9/27/2019 9:56	0	0
166	9/27/2019 9:57	0	0
167	9/27/2019 9:58	0	0
168	9/27/2019 9:59	0	0
169	9/27/2019 10:00	0	0
170	9/27/2019 10:01	0	0
171	9/27/2019 10:02	0	0
172	9/27/2019 10:03	0	0
173	9/27/2019 10:04	0	0
174	9/27/2019 10:05	0	0
175	9/27/2019 10:06	0	0
176	9/27/2019 10:07	0	0
177	9/27/2019 10:08	0	0
178	9/27/2019 10:09	0	0
179	9/27/2019 10:10	0	0
180	9/27/2019 10:11	0	0
181	9/27/2019 10:12	0	0
182	9/27/2019 10:13	0	0
183	9/27/2019 10:14	0	0
184	9/27/2019 10:15	0	0
185	9/27/2019 10:16	0	0
186	9/27/2019 10:17	0	0
187	9/27/2019 10:18	0	0
188	9/27/2019 10:19	0	0
189	9/27/2019 10:20	0	0
190	9/27/2019 10:21	0	0

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/16/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_091619_001
Test Start Time	12:05:32 PM
Test Start Date	9/16/2019
Test Length [D:H:M]	0:04:49
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.002
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.092
Mass TWA [mg/m3]	0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	289

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.092		
120	0.001		
180	0		
240	0.001		
300	0.002		
360	0		
420	0		
480	0		
540	0		
600	0		
660	0		
720	0		
780	0.001		
840	0		
900	0.002		
960	0		
1020	0		
1080	0		
1140	0		
1200	0		
1260	0		
1320	0		
1380	0		
1440	0		
1500	0		
1560	0		
1620	0		
1680	0		
1740	0		
1800	0		
1860	0		
1920	0		
1980	0		
2040	0		
2100	0.001		
2160	0		
2220	0		
2280	0		
2340	0		
2400	0		
2460	0		
2520	0		
2580	0		
2640	0		
2700	0		
2760	0.001		
2820	0		
2880	0		
2940	0		
3000	0		
3060	0		
3120	0		
3180	0		
3240	0.001		
3300	0.001		
3360	0.001		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/16/2019

3420	0.001
3480	0.001
3540	0.001
3600	0.001
3660	0.001
3720	0.001
3780	0
3840	0
3900	0
3960	0
4020	0.001
4080	0
4140	0.001
4200	0.001
4260	0.001
4320	0.001
4380	0.002
4440	0.001
4500	0.001
4560	0
4620	0.001
4680	0.001
4740	0.001
4800	0.001
4860	0.001
4920	0.002
4980	0.001
5040	0.002
5100	0.002
5160	0.002
5220	0.001
5280	0.001
5340	0.001
5400	0.001
5460	0.001
5520	0.001
5580	0.002
5640	0.002
5700	0.002
5760	0.002
5820	0.002
5880	0.002
5940	0.002
6000	0.002
6060	0.002
6120	0.002
6180	0.002
6240	0.002
6300	0.002
6360	0.002
6420	0.002
6480	0.002
6540	0.003
6600	0.002
6660	0.002
6720	0.002
6780	0.002
6840	0.002
6900	0.002
6960	0.002
7020	0.002
7080	0.002
7140	0.002
7200	0.002
7260	0.002
7320	0.003
7380	0.002
7440	0.002
7500	0.003
7560	0.003
7620	0.003
7680	0.003
7740	0.003
7800	0.003
7860	0.003
7920	0.003

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/16/2019

7980	0.003
8040	0.002
8100	0.002
8160	0.002
8220	0.002
8280	0.002
8340	0.002
8400	0.002
8460	0.002
8520	0.002
8580	0.002
8640	0.002
8700	0.002
8760	0.002
8820	0.002
8880	0.002
8940	0.002
9000	0.002
9060	0.002
9120	0.002
9180	0.002
9240	0.002
9300	0.002
9360	0.002
9420	0.002
9480	0.002
9540	0.002
9600	0.002
9660	0.002
9720	0.002
9780	0.002
9840	0.002
9900	0.002
9960	0.023
10020	0.002
10080	0.002
10140	0.002
10200	0.002
10260	0.002
10320	0.002
10380	0.002
10440	0.002
10500	0.002
10560	0.002
10620	0.002
10680	0.002
10740	0.001
10800	0.002
10860	0.002
10920	0.002
10980	0.002
11040	0.002
11100	0.002
11160	0.002
11220	0.002
11280	0.002
11340	0.002
11400	0.002
11460	0.002
11520	0.002
11580	0.002
11640	0.002
11700	0.002
11760	0.003
11820	0.003
11880	0.003
11940	0.003
12000	0.003
12060	0.003
12120	0.003
12180	0.003
12240	0.003
12300	0.003
12360	0.003
12420	0.003
12480	0.003

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/16/2019

12540	0.003
12600	0.003
12660	0.003
12720	0.003
12780	0.003
12840	0.003
12900	0.003
12960	0.003
13020	0.004
13080	0.003
13140	0.003
13200	0.003
13260	0.004
13320	0.004
13380	0.004
13440	0.004
13500	0.004
13560	0.004
13620	0.004
13680	0.004
13740	0.004
13800	0.004
13860	0.004
13920	0.004
13980	0.004
14040	0.004
14100	0.003
14160	0.003
14220	0.003
14280	0.003
14340	0.003
14400	0.003
14460	0.003
14520	0.003
14580	0.003
14640	0.003
14700	0.003
14760	0.003
14820	0.003
14880	0.003
14940	0.005
15000	0.004
15060	0.003
15120	0.003
15180	0.003
15240	0.003
15300	0.003
15360	0.003
15420	0.003
15480	0.003
15540	0.004
15600	0.004
15660	0.004
15720	0.004
15780	0.004
15840	0.004
15900	0.004
15960	0.004
16020	0.004
16080	0.004
16140	0.004
16200	0.004
16260	0.004
16320	0.004
16380	0.004
16440	0.004
16500	0.003
16560	0.004
16620	0.004
16680	0.004
16740	0.003
16800	0.003
16860	0.003
16920	0.003
16980	0.003
17040	0.003

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/16/2019

17100	0.004
17160	0.004
17220	0.003
17280	0.003
17340	0.003

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_091719_002
Test Start Time	7:59:14 AM
Test Start Date	9/17/2019
Test Length [D:H:M]	0:08:54
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.006
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.489
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	534

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.489		
120	0.004		
180	0.003		
240	0.003		
300	0.002		
360	0.002		
420	0.002		
480	0.002		
540	0.002		
600	0.002		
660	0.003		
720	0.004		
780	0.004		
840	0.003		
900	0.003		
960	0.003		
1020	0.003		
1080	0.003		
1140	0.003		
1200	0.003		
1260	0.003		
1320	0.003		
1380	0.003		
1440	0.003		
1500	0.003		
1560	0.003		
1620	0.003		
1680	0.003		
1740	0.003		
1800	0.003		
1860	0.003		
1920	0.003		
1980	0.003		
2040	0.003		
2100	0.003		
2160	0.003		
2220	0.003		
2280	0.003		
2340	0.003		
2400	0.003		
2460	0.003		
2520	0.003		
2580	0.003		
2640	0.003		
2700	0.003		
2760	0.003		
2820	0.004		
2880	0.003		
2940	0.003		
3000	0.003		
3060	0.003		
3120	0.003		
3180	0.003		
3240	0.004		
3300	0.004		
3360	0.004		
3420	0.003		
3480	0.004		
3540	0.003		
3600	0.004		
3660	0.003		
3720	0.004		
3780	0.003		
3840	0.003		
3900	0.003		
3960	0.003		
4020	0.003		
4080	0.003		
4140	0.003		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

4200	0.003
4260	0.003
4320	0.003
4380	0.003
4440	0.003
4500	0.003
4560	0.003
4620	0.003
4680	0.004
4740	0.003
4800	0.003
4860	0.003
4920	0.003
4980	0.003
5040	0.003
5100	0.004
5160	0.004
5220	0.004
5280	0.004
5340	0.004
5400	0.004
5460	0.004
5520	0.004
5580	0.004
5640	0.004
5700	0.004
5760	0.004
5820	0.004
5880	0.004
5940	0.004
6000	0.004
6060	0.004
6120	0.004
6180	0.004
6240	0.004
6300	0.004
6360	0.004
6420	0.004
6480	0.004
6540	0.005
6600	0.005
6660	0.005
6720	0.004
6780	0.005
6840	0.005
6900	0.005
6960	0.005
7020	0.006
7080	0.005
7140	0.005
7200	0.005
7260	0.005
7320	0.006
7380	0.005
7440	0.005
7500	0.005
7560	0.005
7620	0.005
7680	0.005
7740	0.005
7800	0.005
7860	0.005
7920	0.005
7980	0.005
8040	0.005
8100	0.005
8160	0.005
8220	0.005
8280	0.005
8340	0.005
8400	0.005
8460	0.005
8520	0.004
8580	0.005
8640	0.004
8700	0.005
8760	0.004
8820	0.005
8880	0.004
8940	0.004
9000	0.004
9060	0.004
9120	0.004
9180	0.004
9240	0.004
9300	0.004
9360	0.005
9420	0.005
9480	0.005
9540	0.005

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

9600	0.005
9660	0.005
9720	0.005
9780	0.005
9840	0.005
9900	0.005
9960	0.005
10020	0.005
10080	0.005
10140	0.005
10200	0.005
10260	0.005
10320	0.005
10380	0.006
10440	0.005
10500	0.005
10560	0.004
10620	0.004
10680	0.004
10740	0.004
10800	0.004
10860	0.004
10920	0.004
10980	0.004
11040	0.004
11100	0.004
11160	0.004
11220	0.004
11280	0.004
11340	0.005
11400	0.004
11460	0.004
11520	0.004
11580	0.003
11640	0.003
11700	0.003
11760	0.003
11820	0.004
11880	0.003
11940	0.003
12000	0.003
12060	0.003
12120	0.003
12180	0.003
12240	0.003
12300	0.003
12360	0.003
12420	0.003
12480	0.003
12540	0.003
12600	0.003
12660	0.003
12720	0.003
12780	0.003
12840	0.003
12900	0.003
12960	0.003
13020	0.004
13080	0.003
13140	0.003
13200	0.003
13260	0.003
13320	0.003
13380	0.003
13440	0.003
13500	0.003
13560	0.003
13620	0.003
13680	0.003
13740	0.003
13800	0.003
13860	0.003
13920	0.003
13980	0.003
14040	0.004
14100	0.004
14160	0.003
14220	0.004
14280	0.004
14340	0.004
14400	0.004
14460	0.004
14520	0.004
14580	0.003
14640	0.004
14700	0.004
14760	0.004
14820	0.003
14880	0.004
14940	0.004

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

15000	0.004
15060	0.004
15120	0.004
15180	0.004
15240	0.006
15300	0.003
15360	0.003
15420	0.003
15480	0.003
15540	0.003
15600	0.003
15660	0.003
15720	0.003
15780	0.003
15840	0.003
15900	0.003
15960	0.003
16020	0.003
16080	0.003
16140	0.003
16200	0.004
16260	0.004
16320	0.004
16380	0.004
16440	0.004
16500	0.004
16560	0.004
16620	0.004
16680	0.004
16740	0.004
16800	0.004
16860	0.004
16920	0.004
16980	0.004
17040	0.004
17100	0.004
17160	0.004
17220	0.004
17280	0.004
17340	0.004
17400	0.005
17460	0.005
17520	0.005
17580	0.005
17640	0.005
17700	0.005
17760	0.005
17820	0.005
17880	0.006
17940	0.005
18000	0.005
18060	0.005
18120	0.005
18180	0.005
18240	0.005
18300	0.006
18360	0.006
18420	0.007
18480	0.007
18540	0.007
18600	0.006
18660	0.006
18720	0.007
18780	0.006
18840	0.006
18900	0.007
18960	0.007
19020	0.008
19080	0.008
19140	0.007
19200	0.008
19260	0.008
19320	0.008
19380	0.007
19440	0.007
19500	0.007
19560	0.007
19620	0.007
19680	0.007
19740	0.008
19800	0.008
19860	0.008
19920	0.008
19980	0.01
20040	0.009
20100	0.009
20160	0.008
20220	0.008
20280	0.008
20340	0.009

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

20400	0.008
20460	0.008
20520	0.008
20580	0.008
20640	0.008
20700	0.008
20760	0.008
20820	0.008
20880	0.008
20940	0.008
21000	0.008
21060	0.008
21120	0.008
21180	0.008
21240	0.008
21300	0.009
21360	0.008
21420	0.009
21480	0.008
21540	0.009
21600	0.008
21660	0.008
21720	0.008
21780	0.009
21840	0.008
21900	0.008
21960	0.008
22020	0.008
22080	0.009
22140	0.008
22200	0.008
22260	0.008
22320	0.008
22380	0.008
22440	0.008
22500	0.007
22560	0.008
22620	0.008
22680	0.007
22740	0.007
22800	0.007
22860	0.007
22920	0.007
22980	0.007
23040	0.007
23100	0.007
23160	0.007
23220	0.007
23280	0.007
23340	0.007
23400	0.007
23460	0.007
23520	0.007
23580	0.007
23640	0.007
23700	0.007
23760	0.008
23820	0.007
23880	0.007
23940	0.007
24000	0.006
24060	0.006
24120	0.006
24180	0.006
24240	0.005
24300	0.006
24360	0.006
24420	0.005
24480	0.005
24540	0.006
24600	0.006
24660	0.006
24720	0.006
24780	0.006
24840	0.006
24900	0.006
24960	0.006
25020	0.006
25080	0.006
25140	0.006
25200	0.005
25260	0.006
25320	0.005
25380	0.005
25440	0.006
25500	0.005
25560	0.005
25620	0.005
25680	0.005
25740	0.005

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

25800	0.005
25860	0.005
25920	0.005
25980	0.005
26040	0.006
26100	0.006
26160	0.006
26220	0.006
26280	0.006
26340	0.006
26400	0.006
26460	0.006
26520	0.006
26580	0.006
26640	0.006
26700	0.006
26760	0.006
26820	0.006
26880	0.006
26940	0.006
27000	0.006
27060	0.006
27120	0.006
27180	0.006
27240	0.006
27300	0.006
27360	0.005
27420	0.006
27480	0.005
27540	0.006
27600	0.005
27660	0.006
27720	0.006
27780	0.006
27840	0.006
27900	0.006
27960	0.005
28020	0.005
28080	0.005
28140	0.005
28200	0.005
28260	0.005
28320	0.005
28380	0.005
28440	0.005
28500	0.005
28560	0.005
28620	0.005
28680	0.005
28740	0.005
28800	0.005
28860	0.005
28920	0.006
28980	0.005
29040	0.005
29100	0.005
29160	0.005
29220	0.006
29280	0.005
29340	0.005
29400	0.005
29460	0.005
29520	0.005
29580	0.006
29640	0.005
29700	0.005
29760	0.006
29820	0.006
29880	0.005
29940	0.005
30000	0.006
30060	0.006
30120	0.005
30180	0.006
30240	0.005
30300	0.005
30360	0.005
30420	0.005
30480	0.005
30540	0.005
30600	0.005
30660	0.005
30720	0.005
30780	0.005
30840	0.005
30900	0.005
30960	0.005
31020	0.005
31080	0.005
31140	0.005

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/17/2019

31200	0.005
31260	0.005
31320	0.005
31380	0.005
31440	0.005
31500	0.005
31560	0.005
31620	0.005
31680	0.005
31740	0.005
31800	0.005
31860	0.005
31920	0.005
31980	0.005
32040	0.005

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_091819_003
Test Start Time	7:43:33 AM
Test Start Date	9/18/2019
Test Length [D:H:M]	0:09:55
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.035
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	595

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.013		
120	0.01		
180	0.008		
240	0.008		
300	0.008		
360	0.008		
420	0.008		
480	0.008		
540	0.035		
600	0.007		
660	0.007		
720	0.007		
780	0.006		
840	0.006		
900	0.007		
960	0.006		
1020	0.005		
1080	0.006		
1140	0.006		
1200	0.006		
1260	0.006		
1320	0.005		
1380	0.006		
1440	0.006		
1500	0.006		
1560	0.005		
1620	0.005		
1680	0.005		
1740	0.005		
1800	0.005		
1860	0.005		
1920	0.005		
1980	0.005		
2040	0.007		
2100	0.005		
2160	0.006		
2220	0.004		
2280	0.004		
2340	0.005		
2400	0.005		
2460	0.005		
2520	0.005		
2580	0.005		
2640	0.006		
2700	0.005		
2760	0.005		
2820	0.005		
2880	0.004		
2940	0.005		
3000	0.005		
3060	0.005		
3120	0.005		
3180	0.004		
3240	0.005		
3300	0.005		
3360	0.005		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

3420	0.005
3480	0.005
3540	0.005
3600	0.004
3660	0.005
3720	0.005
3780	0.005
3840	0.005
3900	0.005
3960	0.005
4020	0.005
4080	0.005
4140	0.005
4200	0.005
4260	0.005
4320	0.005
4380	0.006
4440	0.007
4500	0.007
4560	0.006
4620	0.005
4680	0.006
4740	0.006
4800	0.006
4860	0.005
4920	0.006
4980	0.007
5040	0.006
5100	0.008
5160	0.008
5220	0.009
5280	0.009
5340	0.01
5400	0.01
5460	0.009
5520	0.009
5580	0.009
5640	0.008
5700	0.008
5760	0.009
5820	0.008
5880	0.009
5940	0.009
6000	0.008
6060	0.009
6120	0.008
6180	0.008
6240	0.009
6300	0.008
6360	0.008
6420	0.008
6480	0.008
6540	0.009
6600	0.008
6660	0.007
6720	0.007
6780	0.007
6840	0.007
6900	0.007
6960	0.007
7020	0.007
7080	0.007
7140	0.007
7200	0.007
7260	0.007
7320	0.008
7380	0.007
7440	0.008
7500	0.007
7560	0.008
7620	0.007
7680	0.007
7740	0.007
7800	0.008
7860	0.008
7920	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

7980	0.008
8040	0.008
8100	0.007
8160	0.008
8220	0.006
8280	0.006
8340	0.007
8400	0.007
8460	0.007
8520	0.006
8580	0.006
8640	0.006
8700	0.006
8760	0.006
8820	0.006
8880	0.006
8940	0.006
9000	0.006
9060	0.006
9120	0.006
9180	0.006
9240	0.006
9300	0.006
9360	0.006
9420	0.006
9480	0.006
9540	0.006
9600	0.006
9660	0.006
9720	0.006
9780	0.006
9840	0.006
9900	0.006
9960	0.005
10020	0.006
10080	0.005
10140	0.005
10200	0.005
10260	0.005
10320	0.005
10380	0.005
10440	0.005
10500	0.005
10560	0.006
10620	0.005
10680	0.005
10740	0.005
10800	0.005
10860	0.005
10920	0.006
10980	0.005
11040	0.006
11100	0.005
11160	0.006
11220	0.006
11280	0.006
11340	0.005
11400	0.005
11460	0.005
11520	0.005
11580	0.005
11640	0.006
11700	0.006
11760	0.005
11820	0.006
11880	0.006
11940	0.006
12000	0.006
12060	0.006
12120	0.006
12180	0.005
12240	0.005
12300	0.005
12360	0.006
12420	0.006
12480	0.006

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

12540	0.006
12600	0.005
12660	0.005
12720	0.005
12780	0.005
12840	0.006
12900	0.006
12960	0.006
13020	0.006
13080	0.006
13140	0.006
13200	0.006
13260	0.006
13320	0.006
13380	0.006
13440	0.006
13500	0.006
13560	0.006
13620	0.006
13680	0.006
13740	0.006
13800	0.006
13860	0.006
13920	0.006
13980	0.006
14040	0.006
14100	0.006
14160	0.006
14220	0.006
14280	0.006
14340	0.006
14400	0.006
14460	0.006
14520	0.006
14580	0.006
14640	0.006
14700	0.006
14760	0.006
14820	0.006
14880	0.006
14940	0.006
15000	0.006
15060	0.006
15120	0.006
15180	0.006
15240	0.006
15300	0.006
15360	0.006
15420	0.006
15480	0.006
15540	0.006
15600	0.006
15660	0.007
15720	0.006
15780	0.007
15840	0.007
15900	0.007
15960	0.007
16020	0.007
16080	0.007
16140	0.007
16200	0.007
16260	0.007
16320	0.007
16380	0.007
16440	0.007
16500	0.007
16560	0.008
16620	0.007
16680	0.007
16740	0.007
16800	0.007
16860	0.007
16920	0.007
16980	0.007
17040	0.007

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

17100	0.007
17160	0.007
17220	0.007
17280	0.007
17340	0.007
17400	0.007
17460	0.007
17520	0.007
17580	0.007
17640	0.007
17700	0.007
17760	0.006
17820	0.006
17880	0.006
17940	0.006
18000	0.006
18060	0.006
18120	0.006
18180	0.007
18240	0.006
18300	0.007
18360	0.007
18420	0.007
18480	0.007
18540	0.007
18600	0.007
18660	0.007
18720	0.007
18780	0.007
18840	0.007
18900	0.007
18960	0.006
19020	0.007
19080	0.007
19140	0.007
19200	0.007
19260	0.009
19320	0.008
19380	0.008
19440	0.008
19500	0.008
19560	0.007
19620	0.007
19680	0.007
19740	0.007
19800	0.007
19860	0.007
19920	0.007
19980	0.007
20040	0.007
20100	0.008
20160	0.008
20220	0.008
20280	0.008
20340	0.008
20400	0.008
20460	0.008
20520	0.008
20580	0.008
20640	0.008
20700	0.008
20760	0.008
20820	0.008
20880	0.008
20940	0.008
21000	0.009
21060	0.009
21120	0.009
21180	0.009
21240	0.009
21300	0.009
21360	0.009
21420	0.008
21480	0.008
21540	0.008
21600	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

21660	0.008
21720	0.008
21780	0.008
21840	0.008
21900	0.008
21960	0.008
22020	0.008
22080	0.008
22140	0.009
22200	0.008
22260	0.009
22320	0.009
22380	0.009
22440	0.009
22500	0.009
22560	0.008
22620	0.008
22680	0.008
22740	0.008
22800	0.008
22860	0.008
22920	0.008
22980	0.008
23040	0.008
23100	0.008
23160	0.008
23220	0.008
23280	0.008
23340	0.008
23400	0.008
23460	0.008
23520	0.008
23580	0.008
23640	0.008
23700	0.008
23760	0.008
23820	0.008
23880	0.008
23940	0.008
24000	0.008
24060	0.008
24120	0.008
24180	0.007
24240	0.007
24300	0.007
24360	0.007
24420	0.007
24480	0.007
24540	0.007
24600	0.008
24660	0.007
24720	0.008
24780	0.008
24840	0.007
24900	0.008
24960	0.008
25020	0.008
25080	0.008
25140	0.007
25200	0.007
25260	0.008
25320	0.007
25380	0.007
25440	0.007
25500	0.007
25560	0.007
25620	0.007
25680	0.007
25740	0.007
25800	0.007
25860	0.007
25920	0.007
25980	0.007
26040	0.008
26100	0.008
26160	0.007

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

26220	0.007
26280	0.007
26340	0.007
26400	0.008
26460	0.008
26520	0.008
26580	0.008
26640	0.008
26700	0.008
26760	0.007
26820	0.007
26880	0.008
26940	0.008
27000	0.01
27060	0.008
27120	0.008
27180	0.008
27240	0.008
27300	0.008
27360	0.008
27420	0.008
27480	0.008
27540	0.008
27600	0.008
27660	0.008
27720	0.008
27780	0.008
27840	0.008
27900	0.008
27960	0.008
28020	0.008
28080	0.008
28140	0.008
28200	0.008
28260	0.008
28320	0.008
28380	0.008
28440	0.008
28500	0.008
28560	0.008
28620	0.008
28680	0.008
28740	0.008
28800	0.008
28860	0.008
28920	0.008
28980	0.008
29040	0.008
29100	0.008
29160	0.008
29220	0.008
29280	0.007
29340	0.008
29400	0.007
29460	0.008
29520	0.007
29580	0.008
29640	0.008
29700	0.008
29760	0.008
29820	0.008
29880	0.008
29940	0.008
30000	0.007
30060	0.008
30120	0.008
30180	0.008
30240	0.007
30300	0.007
30360	0.007
30420	0.007
30480	0.007
30540	0.007
30600	0.007
30660	0.007
30720	0.007

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

30780	0.007
30840	0.007
30900	0.007
30960	0.007
31020	0.007
31080	0.007
31140	0.007
31200	0.007
31260	0.007
31320	0.007
31380	0.007
31440	0.007
31500	0.007
31560	0.007
31620	0.007
31680	0.007
31740	0.007
31800	0.007
31860	0.008
31920	0.007
31980	0.007
32040	0.007
32100	0.007
32160	0.007
32220	0.007
32280	0.008
32340	0.007
32400	0.007
32460	0.007
32520	0.007
32580	0.007
32640	0.007
32700	0.007
32760	0.007
32820	0.007
32880	0.007
32940	0.007
33000	0.007
33060	0.007
33120	0.008
33180	0.008
33240	0.008
33300	0.008
33360	0.008
33420	0.008
33480	0.008
33540	0.008
33600	0.008
33660	0.008
33720	0.008
33780	0.008
33840	0.008
33900	0.008
33960	0.008
34020	0.008
34080	0.008
34140	0.008
34200	0.008
34260	0.008
34320	0.008
34380	0.008
34440	0.008
34500	0.009
34560	0.008
34620	0.008
34680	0.008
34740	0.008
34800	0.008
34860	0.008
34920	0.008
34980	0.008
35040	0.008
35100	0.008
35160	0.008
35220	0.008
35280	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/18/2019

35340	0.008
35400	0.009
35460	0.008
35520	0.008
35580	0.008
35640	0.008
35700	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_091919_004
Test Start Time	7:34:55 AM
Test Start Date	9/19/2019
Test Length [D:H:M]	0:09:33
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.072
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	573

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.072		
120	0.007		
180	0.007		
240	0.006		
300	0.007		
360	0.007		
420	0.006		
480	0.006		
540	0.005		
600	0.006		
660	0.006		
720	0.006		
780	0.006		
840	0.006		
900	0.006		
960	0.006		
1020	0.005		
1080	0.005		
1140	0.005		
1200	0.005		
1260	0.005		
1320	0.006		
1380	0.01		
1440	0.005		
1500	0.006		
1560	0.005		
1620	0.005		
1680	0.005		
1740	0.004		
1800	0.004		
1860	0.004		
1920	0.005		
1980	0.004		
2040	0.004		
2100	0.004		
2160	0.005		
2220	0.005		
2280	0.005		
2340	0.005		
2400	0.005		
2460	0.005		
2520	0.005		
2580	0.005		
2640	0.005		
2700	0.005		
2760	0.005		
2820	0.005		
2880	0.005		
2940	0.005		
3000	0.005		
3060	0.005		
3120	0.005		
3180	0.004		
3240	0.004		
3300	0.004		
3360	0.004		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

3420	0.004
3480	0.004
3540	0.004
3600	0.004
3660	0.004
3720	0.004
3780	0.004
3840	0.004
3900	0.004
3960	0.004
4020	0.004
4080	0.004
4140	0.004
4200	0.004
4260	0.004
4320	0.004
4380	0.004
4440	0.004
4500	0.004
4560	0.005
4620	0.004
4680	0.004
4740	0.004
4800	0.004
4860	0.004
4920	0.005
4980	0.005
5040	0.005
5100	0.005
5160	0.005
5220	0.005
5280	0.005
5340	0.005
5400	0.005
5460	0.005
5520	0.005
5580	0.005
5640	0.006
5700	0.006
5760	0.006
5820	0.006
5880	0.006
5940	0.006
6000	0.006
6060	0.006
6120	0.006
6180	0.006
6240	0.006
6300	0.006
6360	0.006
6420	0.006
6480	0.006
6540	0.006
6600	0.006
6660	0.006
6720	0.006
6780	0.006
6840	0.006
6900	0.006
6960	0.006
7020	0.006
7080	0.006
7140	0.007
7200	0.007
7260	0.007
7320	0.007
7380	0.007
7440	0.007
7500	0.007
7560	0.007
7620	0.007
7680	0.007
7740	0.007
7800	0.007
7860	0.007
7920	0.007

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

7980	0.007
8040	0.007
8100	0.007
8160	0.007
8220	0.007
8280	0.007
8340	0.007
8400	0.007
8460	0.007
8520	0.007
8580	0.008
8640	0.009
8700	0.008
8760	0.008
8820	0.008
8880	0.008
8940	0.008
9000	0.008
9060	0.008
9120	0.008
9180	0.008
9240	0.007
9300	0.007
9360	0.007
9420	0.007
9480	0.007
9540	0.007
9600	0.007
9660	0.007
9720	0.007
9780	0.007
9840	0.007
9900	0.007
9960	0.007
10020	0.007
10080	0.007
10140	0.007
10200	0.007
10260	0.007
10320	0.008
10380	0.008
10440	0.008
10500	0.008
10560	0.008
10620	0.008
10680	0.008
10740	0.008
10800	0.008
10860	0.008
10920	0.008
10980	0.008
11040	0.008
11100	0.008
11160	0.008
11220	0.008
11280	0.008
11340	0.008
11400	0.008
11460	0.008
11520	0.008
11580	0.008
11640	0.008
11700	0.008
11760	0.008
11820	0.008
11880	0.008
11940	0.008
12000	0.008
12060	0.008
12120	0.008
12180	0.009
12240	0.008
12300	0.008
12360	0.008
12420	0.008
12480	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

12540	0.008
12600	0.008
12660	0.008
12720	0.008
12780	0.008
12840	0.007
12900	0.008
12960	0.007
13020	0.008
13080	0.008
13140	0.008
13200	0.008
13260	0.007
13320	0.008
13380	0.008
13440	0.008
13500	0.008
13560	0.008
13620	0.008
13680	0.008
13740	0.008
13800	0.008
13860	0.008
13920	0.008
13980	0.009
14040	0.008
14100	0.008
14160	0.008
14220	0.008
14280	0.008
14340	0.008
14400	0.008
14460	0.008
14520	0.008
14580	0.008
14640	0.008
14700	0.008
14760	0.008
14820	0.008
14880	0.008
14940	0.008
15000	0.009
15060	0.01
15120	0.009
15180	0.009
15240	0.009
15300	0.009
15360	0.008
15420	0.009
15480	0.008
15540	0.008
15600	0.008
15660	0.008
15720	0.008
15780	0.013
15840	0.009
15900	0.009
15960	0.009
16020	0.009
16080	0.009
16140	0.009
16200	0.009
16260	0.009
16320	0.009
16380	0.009
16440	0.009
16500	0.009
16560	0.01
16620	0.01
16680	0.01
16740	0.01
16800	0.01
16860	0.01
16920	0.01
16980	0.01
17040	0.01

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

17100	0.01
17160	0.011
17220	0.01
17280	0.01
17340	0.01
17400	0.01
17460	0.01
17520	0.01
17580	0.01
17640	0.01
17700	0.01
17760	0.01
17820	0.01
17880	0.01
17940	0.011
18000	0.011
18060	0.011
18120	0.011
18180	0.011
18240	0.011
18300	0.01
18360	0.01
18420	0.01
18480	0.01
18540	0.011
18600	0.012
18660	0.012
18720	0.012
18780	0.011
18840	0.011
18900	0.011
18960	0.011
19020	0.012
19080	0.012
19140	0.012
19200	0.012
19260	0.012
19320	0.012
19380	0.012
19440	0.012
19500	0.013
19560	0.013
19620	0.012
19680	0.012
19740	0.013
19800	0.013
19860	0.014
19920	0.013
19980	0.013
20040	0.013
20100	0.013
20160	0.013
20220	0.013
20280	0.014
20340	0.014
20400	0.014
20460	0.014
20520	0.014
20580	0.014
20640	0.014
20700	0.014
20760	0.013
20820	0.014
20880	0.014
20940	0.015
21000	0.015
21060	0.014
21120	0.015
21180	0.015
21240	0.014
21300	0.015
21360	0.015
21420	0.015
21480	0.015
21540	0.015
21600	0.015

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

21660	0.016
21720	0.015
21780	0.015
21840	0.015
21900	0.015
21960	0.016
22020	0.017
22080	0.019
22140	0.017
22200	0.016
22260	0.016
22320	0.016
22380	0.016
22440	0.016
22500	0.016
22560	0.015
22620	0.015
22680	0.016
22740	0.015
22800	0.016
22860	0.017
22920	0.017
22980	0.016
23040	0.017
23100	0.017
23160	0.016
23220	0.016
23280	0.015
23340	0.016
23400	0.016
23460	0.016
23520	0.016
23580	0.015
23640	0.015
23700	0.016
23760	0.016
23820	0.015
23880	0.015
23940	0.015
24000	0.015
24060	0.016
24120	0.015
24180	0.015
24240	0.015
24300	0.015
24360	0.015
24420	0.015
24480	0.015
24540	0.015
24600	0.014
24660	0.014
24720	0.014
24780	0.014
24840	0.015
24900	0.015
24960	0.015
25020	0.015
25080	0.014
25140	0.014
25200	0.014
25260	0.015
25320	0.015
25380	0.015
25440	0.015
25500	0.015
25560	0.016
25620	0.016
25680	0.016
25740	0.016
25800	0.017
25860	0.018
25920	0.018
25980	0.018
26040	0.019
26100	0.019
26160	0.019

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

26220	0.019
26280	0.019
26340	0.018
26400	0.018
26460	0.016
26520	0.016
26580	0.016
26640	0.016
26700	0.015
26760	0.016
26820	0.015
26880	0.015
26940	0.016
27000	0.015
27060	0.015
27120	0.015
27180	0.016
27240	0.015
27300	0.016
27360	0.015
27420	0.016
27480	0.016
27540	0.016
27600	0.016
27660	0.016
27720	0.017
27780	0.016
27840	0.016
27900	0.016
27960	0.016
28020	0.016
28080	0.018
28140	0.018
28200	0.018
28260	0.017
28320	0.016
28380	0.016
28440	0.017
28500	0.016
28560	0.017
28620	0.017
28680	0.017
28740	0.017
28800	0.018
28860	0.017
28920	0.018
28980	0.018
29040	0.018
29100	0.018
29160	0.018
29220	0.018
29280	0.017
29340	0.017
29400	0.017
29460	0.017
29520	0.017
29580	0.017
29640	0.018
29700	0.018
29760	0.019
29820	0.017
29880	0.017
29940	0.017
30000	0.017
30060	0.016
30120	0.016
30180	0.017
30240	0.017
30300	0.017
30360	0.017
30420	0.017
30480	0.017
30540	0.018
30600	0.018
30660	0.018
30720	0.018

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/19/2019

30780	0.018
30840	0.018
30900	0.018
30960	0.018
31020	0.018
31080	0.018
31140	0.018
31200	0.018
31260	0.018
31320	0.018
31380	0.018
31440	0.018
31500	0.018
31560	0.018
31620	0.019
31680	0.019
31740	0.02
31800	0.02
31860	0.02
31920	0.02
31980	0.021
32040	0.02
32100	0.02
32160	0.021
32220	0.021
32280	0.022
32340	0.021
32400	0.02
32460	0.02
32520	0.021
32580	0.021
32640	0.021
32700	0.021
32760	0.021
32820	0.021
32880	0.021
32940	0.023
33000	0.022
33060	0.021
33120	0.022
33180	0.023
33240	0.023
33300	0.023
33360	0.023
33420	0.026
33480	0.022
33540	0.023
33600	0.023
33660	0.025
33720	0.024
33780	0.024
33840	0.024
33900	0.024
33960	0.024
34020	0.025
34080	0.024
34140	0.024
34200	0.023
34260	0.024
34320	0.023
34380	0.024

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/20/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_092019_005
Test Start Time	7:31:58 AM
Test Start Date	9/20/2019
Test Length [D:H:M]	0:05:03
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.016
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.046
Mass TWA [mg/m3]	0.01
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	303

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.046		
120	0.02		
180	0.019		
240	0.02		
300	0.02		
360	0.019		
420	0.02		
480	0.019		
540	0.019		
600	0.019		
660	0.019		
720	0.018		
780	0.018		
840	0.018		
900	0.018		
960	0.019		
1020	0.018		
1080	0.018		
1140	0.017		
1200	0.018		
1260	0.017		
1320	0.017		
1380	0.017		
1440	0.017		
1500	0.017		
1560	0.017		
1620	0.017		
1680	0.017		
1740	0.016		
1800	0.016		
1860	0.017		
1920	0.016		
1980	0.017		
2040	0.017		
2100	0.017		
2160	0.017		
2220	0.017		
2280	0.017		
2340	0.016		
2400	0.016		
2460	0.016		
2520	0.016		
2580	0.017		
2640	0.017		
2700	0.017		
2760	0.017		
2820	0.017		
2880	0.016		
2940	0.017		
3000	0.016		
3060	0.016		
3120	0.016		
3180	0.016		
3240	0.016		
3300	0.016		
3360	0.016		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/20/2019

3420	0.016
3480	0.016
3540	0.016
3600	0.015
3660	0.015
3720	0.016
3780	0.016
3840	0.015
3900	0.016
3960	0.016
4020	0.016
4080	0.016
4140	0.016
4200	0.016
4260	0.016
4320	0.016
4380	0.016
4440	0.016
4500	0.016
4560	0.017
4620	0.017
4680	0.018
4740	0.018
4800	0.017
4860	0.017
4920	0.017
4980	0.017
5040	0.017
5100	0.017
5160	0.017
5220	0.017
5280	0.017
5340	0.017
5400	0.017
5460	0.017
5520	0.017
5580	0.016
5640	0.017
5700	0.016
5760	0.016
5820	0.016
5880	0.016
5940	0.016
6000	0.016
6060	0.016
6120	0.016
6180	0.016
6240	0.016
6300	0.016
6360	0.016
6420	0.017
6480	0.017
6540	0.017
6600	0.017
6660	0.017
6720	0.016
6780	0.016
6840	0.017
6900	0.019
6960	0.022
7020	0.024
7080	0.024
7140	0.02
7200	0.018
7260	0.017
7320	0.018
7380	0.018
7440	0.017
7500	0.017
7560	0.017
7620	0.017
7680	0.016
7740	0.016
7800	0.018
7860	0.016
7920	0.016

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/20/2019

7980	0.016
8040	0.017
8100	0.015
8160	0.016
8220	0.015
8280	0.015
8340	0.015
8400	0.015
8460	0.014
8520	0.013
8580	0.013
8640	0.013
8700	0.013
8760	0.013
8820	0.013
8880	0.014
8940	0.014
9000	0.014
9060	0.014
9120	0.014
9180	0.014
9240	0.014
9300	0.014
9360	0.014
9420	0.014
9480	0.014
9540	0.014
9600	0.014
9660	0.014
9720	0.014
9780	0.014
9840	0.014
9900	0.014
9960	0.014
10020	0.014
10080	0.014
10140	0.014
10200	0.014
10260	0.014
10320	0.014
10380	0.014
10440	0.014
10500	0.014
10560	0.014
10620	0.014
10680	0.014
10740	0.014
10800	0.013
10860	0.013
10920	0.015
10980	0.016
11040	0.015
11100	0.014
11160	0.013
11220	0.014
11280	0.013
11340	0.014
11400	0.014
11460	0.014
11520	0.014
11580	0.014
11640	0.013
11700	0.013
11760	0.014
11820	0.014
11880	0.013
11940	0.014
12000	0.014
12060	0.014
12120	0.014
12180	0.014
12240	0.015
12300	0.026
12360	0.014
12420	0.014
12480	0.013

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/20/2019

12540	0.013
12600	0.013
12660	0.013
12720	0.014
12780	0.013
12840	0.014
12900	0.014
12960	0.013
13020	0.013
13080	0.013
13140	0.014
13200	0.013
13260	0.013
13320	0.013
13380	0.013
13440	0.013
13500	0.013
13560	0.013
13620	0.013
13680	0.013
13740	0.013
13800	0.013
13860	0.014
13920	0.014
13980	0.014
14040	0.014
14100	0.014
14160	0.014
14220	0.014
14280	0.014
14340	0.014
14400	0.014
14460	0.014
14520	0.014
14580	0.014
14640	0.014
14700	0.014
14760	0.014
14820	0.013
14880	0.014
14940	0.013
15000	0.013
15060	0.013
15120	0.014
15180	0.014
15240	0.014
15300	0.014
15360	0.015
15420	0.015
15480	0.015
15540	0.015
15600	0.015
15660	0.015
15720	0.015
15780	0.014
15840	0.015
15900	0.014
15960	0.014
16020	0.014
16080	0.014
16140	0.014
16200	0.014
16260	0.014
16320	0.014
16380	0.015
16440	0.014
16500	0.015
16560	0.014
16620	0.015
16680	0.015
16740	0.014
16800	0.015
16860	0.015
16920	0.015
16980	0.015
17040	0.015

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/20/2019

17100	0.015
17160	0.015
17220	0.015
17280	0.016
17340	0.015
17400	0.015
17460	0.015
17520	0.015
17580	0.015
17640	0.015
17700	0.015
17760	0.014
17820	0.014
17880	0.014
17940	0.015
18000	0.015
18060	0.015
18120	0.016
18180	0.016

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/25/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162221
Firmware Version	3.7
Calibration Date	1/15/2019
Test Name	DW_092519_006
Test Start Time	12:48:06 PM
Test Start Date	9/25/2019
Test Length [D:H:M]	0:04:15
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.009
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.064
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	255

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.064		
120	0.005		
180	0.004		
240	0.005		
300	0.004		
360	0.005		
420	0.005		
480	0.005		
540	0.004		
600	0.005		
660	0.004		
720	0.005		
780	0.005		
840	0.006		
900	0.006		
960	0.006		
1020	0.007		
1080	0.007		
1140	0.006		
1200	0.006		
1260	0.006		
1320	0.006		
1380	0.006		
1440	0.006		
1500	0.005		
1560	0.006		
1620	0.006		
1680	0.006		
1740	0.006		
1800	0.006		
1860	0.006		
1920	0.006		
1980	0.006		
2040	0.006		
2100	0.006		
2160	0.006		
2220	0.006		
2280	0.006		
2340	0.007		
2400	0.007		
2460	0.007		
2520	0.007		
2580	0.008		
2640	0.007		
2700	0.008		
2760	0.007		
2820	0.008		
2880	0.008		
2940	0.008		
3000	0.008		
3060	0.008		
3120	0.007		
3180	0.007		
3240	0.008		
3300	0.008		
3360	0.007		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/25/2019

3420	0.007
3480	0.007
3540	0.007
3600	0.008
3660	0.007
3720	0.008
3780	0.008
3840	0.008
3900	0.008
3960	0.008
4020	0.008
4080	0.008
4140	0.008
4200	0.008
4260	0.007
4320	0.007
4380	0.007
4440	0.007
4500	0.007
4560	0.007
4620	0.007
4680	0.008
4740	0.008
4800	0.008
4860	0.008
4920	0.009
4980	0.007
5040	0.007
5100	0.008
5160	0.008
5220	0.008
5280	0.008
5340	0.007
5400	0.007
5460	0.007
5520	0.007
5580	0.008
5640	0.007
5700	0.007
5760	0.007
5820	0.007
5880	0.007
5940	0.008
6000	0.008
6060	0.008
6120	0.007
6180	0.008
6240	0.008
6300	0.007
6360	0.007
6420	0.007
6480	0.007
6540	0.007
6600	0.007
6660	0.007
6720	0.009
6780	0.007
6840	0.007
6900	0.007
6960	0.007
7020	0.007
7080	0.007
7140	0.008
7200	0.007
7260	0.008
7320	0.007
7380	0.007
7440	0.007
7500	0.007
7560	0.007
7620	0.008
7680	0.008
7740	0.008
7800	0.008
7860	0.008
7920	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/25/2019

7980	0.008
8040	0.008
8100	0.008
8160	0.008
8220	0.008
8280	0.008
8340	0.008
8400	0.008
8460	0.008
8520	0.008
8580	0.008
8640	0.008
8700	0.008
8760	0.008
8820	0.008
8880	0.008
8940	0.008
9000	0.008
9060	0.008
9120	0.008
9180	0.009
9240	0.008
9300	0.008
9360	0.008
9420	0.008
9480	0.008
9540	0.008
9600	0.008
9660	0.008
9720	0.008
9780	0.008
9840	0.008
9900	0.008
9960	0.009
10020	0.008
10080	0.008
10140	0.008
10200	0.009
10260	0.009
10320	0.009
10380	0.009
10440	0.008
10500	0.008
10560	0.008
10620	0.009
10680	0.009
10740	0.01
10800	0.009
10860	0.009
10920	0.009
10980	0.009
11040	0.009
11100	0.009
11160	0.009
11220	0.009
11280	0.01
11340	0.009
11400	0.01
11460	0.01
11520	0.027
11580	0.025
11640	0.015
11700	0.01
11760	0.01
11820	0.01
11880	0.009
11940	0.01
12000	0.01
12060	0.009
12120	0.009
12180	0.01
12240	0.012
12300	0.014
12360	0.012
12420	0.013
12480	0.013

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
9/25/2019

12540	0.01
12600	0.014
12660	0.01
12720	0.01
12780	0.01
12840	0.01
12900	0.01
12960	0.01
13020	0.01
13080	0.011
13140	0.011
13200	0.011
13260	0.011
13320	0.014
13380	0.012
13440	0.014
13500	0.011
13560	0.013
13620	0.012
13680	0.012
13740	0.015
13800	0.014
13860	0.016
13920	0.011
13980	0.013
14040	0.014
14100	0.012
14160	0.012
14220	0.012
14280	0.013
14340	0.014
14400	0.013
14460	0.013
14520	0.013
14580	0.012
14640	0.011
14700	0.013
14760	0.011
14820	0.011
14880	0.011
14940	0.011
15000	0.012
15060	0.016
15120	0.012
15180	0.014
15240	0.013
15300	0.014

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/16/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_091619_002
Test Start Time	12:12:21 PM
Test Start Date	9/16/2019
Test Length [D:H:M]	0:04:38
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.002
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.019
Mass TWA [mg/m3]	0.001
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	278

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.019		
120	0.004		
180	0.004		
240	0.004		
300	0.003		
360	0.004		
420	0.004		
480	0.004		
540	0.003		
600	0.004		
660	0.003		
720	0.003		
780	0.003		
840	0.003		
900	0.003		
960	0.003		
1020	0.003		
1080	0.003		
1140	0.003		
1200	0.003		
1260	0.003		
1320	0.003		
1380	0.003		
1440	0.003		
1500	0.003		
1560	0.003		
1620	0.003		
1680	0.003		
1740	0.003		
1800	0.003		
1860	0.003		
1920	0.003		
1980	0.003		
2040	0.003		
2100	0.003		
2160	0.003		
2220	0.004		
2280	0.003		
2340	0.004		
2400	0.003		
2460	0.003		
2520	0.003		
2580	0.003		
2640	0.003		
2700	0.003		
2760	0.003		
2820	0.003		
2880	0.003		
2940	0.003		
3000	0.003		
3060	0.003		
3120	0.003		
3180	0.003		
3240	0.003		
3300	0.003		
3360	0.003		
3420	0.003		
3480	0.003		
3540	0.003		
3600	0.002		
3660	0.003		
3720	0.003		
3780	0.002		
3840	0.003		
3900	0.002		
3960	0.002		
4020	0.002		
4080	0.002		
4140	0.002		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/16/2019

4200	0.002
4260	0.002
4320	0.002
4380	0.002
4440	0.002
4500	0.002
4560	0.002
4620	0.002
4680	0.002
4740	0.003
4800	0.002
4860	0.002
4920	0.002
4980	0.002
5040	0.002
5100	0.002
5160	0.002
5220	0.002
5280	0.002
5340	0.002
5400	0.002
5460	0.002
5520	0.003
5580	0.002
5640	0.002
5700	0.003
5760	0.002
5820	0.002
5880	0.002
5940	0.002
6000	0.002
6060	0.002
6120	0.002
6180	0.002
6240	0.002
6300	0.002
6360	0.002
6420	0.002
6480	0.002
6540	0.002
6600	0.002
6660	0.002
6720	0.002
6780	0.002
6840	0.002
6900	0.002
6960	0.002
7020	0.002
7080	0.002
7140	0.002
7200	0.002
7260	0.002
7320	0.002
7380	0.002
7440	0.002
7500	0.002
7560	0.002
7620	0.002
7680	0.002
7740	0.002
7800	0.002
7860	0.002
7920	0.002
7980	0.002
8040	0.002
8100	0.002
8160	0.002
8220	0.002
8280	0.002
8340	0.002
8400	0.002
8460	0.002
8520	0.002
8580	0.002
8640	0.002
8700	0.002
8760	0.002
8820	0.002
8880	0.002
8940	0.002
9000	0.002
9060	0.002
9120	0.002
9180	0.002
9240	0.002
9300	0.002
9360	0.002
9420	0.002
9480	0.002
9540	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/16/2019

9600	0.002
9660	0.002
9720	0.002
9780	0.002
9840	0.002
9900	0.002
9960	0.002
10020	0.002
10080	0.002
10140	0.002
10200	0.002
10260	0.002
10320	0.002
10380	0.002
10440	0.002
10500	0.002
10560	0.002
10620	0.002
10680	0.002
10740	0.002
10800	0.002
10860	0.002
10920	0.002
10980	0.002
11040	0.002
11100	0.002
11160	0.002
11220	0.002
11280	0.003
11340	0.002
11400	0.002
11460	0.002
11520	0.002
11580	0.002
11640	0.002
11700	0.002
11760	0.002
11820	0.002
11880	0.002
11940	0.002
12000	0.003
12060	0.002
12120	0.002
12180	0.002
12240	0.002
12300	0.002
12360	0.002
12420	0.002
12480	0.002
12540	0.002
12600	0.002
12660	0.002
12720	0.002
12780	0.002
12840	0.002
12900	0.002
12960	0.002
13020	0.002
13080	0.002
13140	0.002
13200	0.002
13260	0.002
13320	0.002
13380	0.002
13440	0.002
13500	0.002
13560	0.002
13620	0.002
13680	0.002
13740	0.002
13800	0.002
13860	0.002
13920	0.002
13980	0.002
14040	0.002
14100	0.002
14160	0.002
14220	0.003
14280	0.003
14340	0.002
14400	0.002
14460	0.003
14520	0.002
14580	0.002
14640	0.002
14700	0.002
14760	0.002
14820	0.002
14880	0.003
14940	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/16/2019

15000	0.002
15060	0.003
15120	0.003
15180	0.003
15240	0.003
15300	0.003
15360	0.003
15420	0.003
15480	0.003
15540	0.003
15600	0.003
15660	0.003
15720	0.003
15780	0.003
15840	0.003
15900	0.003
15960	0.003
16020	0.003
16080	0.003
16140	0.003
16200	0.003
16260	0.003
16320	0.003
16380	0.005
16440	0.003
16500	0.003
16560	0.003
16620	0.004
16680	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_091719_003
Test Start Time	7:59:13 AM
Test Start Date	9/17/2019
Test Length [D:H:M]	0:08:49
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	0.002
Mass Maximum [mg/m3]	0.056
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	529

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.056		
120	0.01		
180	0.009		
240	0.009		
300	0.019		
360	0.009		
420	0.008		
480	0.008		
540	0.011		
600	0.01		
660	0.009		
720	0.009		
780	0.01		
840	0.01		
900	0.01		
960	0.01		
1020	0.009		
1080	0.009		
1140	0.009		
1200	0.009		
1260	0.008		
1320	0.01		
1380	0.008		
1440	0.009		
1500	0.008		
1560	0.008		
1620	0.008		
1680	0.008		
1740	0.009		
1800	0.009		
1860	0.008		
1920	0.008		
1980	0.008		
2040	0.008		
2100	0.008		
2160	0.008		
2220	0.008		
2280	0.008		
2340	0.008		
2400	0.007		
2460	0.007		
2520	0.007		
2580	0.009		
2640	0.007		
2700	0.009		
2760	0.007		
2820	0.008		
2880	0.007		
2940	0.007		
3000	0.007		
3060	0.007		
3120	0.007		
3180	0.007		
3240	0.007		
3300	0.007		
3360	0.007		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

3420	0.007
3480	0.007
3540	0.008
3600	0.007
3660	0.007
3720	0.007
3780	0.007
3840	0.008
3900	0.007
3960	0.007
4020	0.008
4080	0.008
4140	0.007
4200	0.007
4260	0.013
4320	0.007
4380	0.006
4440	0.006
4500	0.007
4560	0.006
4620	0.006
4680	0.007
4740	0.006
4800	0.006
4860	0.006
4920	0.007
4980	0.006
5040	0.007
5100	0.007
5160	0.006
5220	0.006
5280	0.006
5340	0.006
5400	0.006
5460	0.006
5520	0.006
5580	0.006
5640	0.006
5700	0.006
5760	0.006
5820	0.006
5880	0.006
5940	0.006
6000	0.006
6060	0.006
6120	0.006
6180	0.006
6240	0.006
6300	0.006
6360	0.006
6420	0.006
6480	0.006
6540	0.006
6600	0.006
6660	0.007
6720	0.007
6780	0.007
6840	0.006
6900	0.006
6960	0.006
7020	0.006
7080	0.006
7140	0.006
7200	0.006
7260	0.006
7320	0.006
7380	0.006
7440	0.006
7500	0.006
7560	0.006
7620	0.006
7680	0.006
7740	0.006
7800	0.007
7860	0.007
7920	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

7980	0.006
8040	0.006
8100	0.006
8160	0.006
8220	0.006
8280	0.006
8340	0.006
8400	0.006
8460	0.006
8520	0.006
8580	0.006
8640	0.006
8700	0.005
8760	0.005
8820	0.005
8880	0.005
8940	0.005
9000	0.005
9060	0.005
9120	0.005
9180	0.005
9240	0.006
9300	0.005
9360	0.005
9420	0.005
9480	0.005
9540	0.005
9600	0.005
9660	0.005
9720	0.005
9780	0.005
9840	0.005
9900	0.005
9960	0.005
10020	0.005
10080	0.005
10140	0.005
10200	0.005
10260	0.005
10320	0.005
10380	0.005
10440	0.005
10500	0.005
10560	0.005
10620	0.004
10680	0.005
10740	0.005
10800	0.004
10860	0.005
10920	0.005
10980	0.005
11040	0.005
11100	0.005
11160	0.005
11220	0.005
11280	0.005
11340	0.004
11400	0.004
11460	0.004
11520	0.004
11580	0.004
11640	0.003
11700	0.003
11760	0.003
11820	0.003
11880	0.003
11940	0.003
12000	0.003
12060	0.003
12120	0.003
12180	0.003
12240	0.003
12300	0.003
12360	0.002
12420	0.003
12480	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

12540	0.003
12600	0.003
12660	0.003
12720	0.003
12780	0.003
12840	0.002
12900	0.003
12960	0.003
13020	0.002
13080	0.003
13140	0.003
13200	0.003
13260	0.003
13320	0.002
13380	0.003
13440	0.003
13500	0.003
13560	0.003
13620	0.003
13680	0.003
13740	0.003
13800	0.003
13860	0.003
13920	0.003
13980	0.003
14040	0.003
14100	0.003
14160	0.003
14220	0.003
14280	0.003
14340	0.003
14400	0.002
14460	0.003
14520	0.002
14580	0.002
14640	0.002
14700	0.002
14760	0.002
14820	0.002
14880	0.002
14940	0.003
15000	0.003
15060	0.003
15120	0.003
15180	0.003
15240	0.002
15300	0.003
15360	0.003
15420	0.002
15480	0.002
15540	0.002
15600	0.002
15660	0.002
15720	0.002
15780	0.003
15840	0.002
15900	0.002
15960	0.002
16020	0.002
16080	0.002
16140	0.003
16200	0.002
16260	0.002
16320	0.002
16380	0.002
16440	0.003
16500	0.002
16560	0.002
16620	0.003
16680	0.002
16740	0.002
16800	0.002
16860	0.003
16920	0.003
16980	0.003
17040	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

17100	0.003
17160	0.003
17220	0.003
17280	0.003
17340	0.003
17400	0.003
17460	0.003
17520	0.003
17580	0.003
17640	0.003
17700	0.003
17760	0.003
17820	0.004
17880	0.003
17940	0.004
18000	0.003
18060	0.003
18120	0.003
18180	0.003
18240	0.004
18300	0.004
18360	0.004
18420	0.004
18480	0.004
18540	0.004
18600	0.004
18660	0.004
18720	0.004
18780	0.004
18840	0.004
18900	0.004
18960	0.004
19020	0.004
19080	0.004
19140	0.004
19200	0.004
19260	0.004
19320	0.004
19380	0.004
19440	0.004
19500	0.004
19560	0.004
19620	0.004
19680	0.004
19740	0.004
19800	0.004
19860	0.004
19920	0.005
19980	0.004
20040	0.005
20100	0.005
20160	0.005
20220	0.004
20280	0.005
20340	0.005
20400	0.004
20460	0.005
20520	0.005
20580	0.005
20640	0.005
20700	0.005
20760	0.004
20820	0.005
20880	0.005
20940	0.004
21000	0.004
21060	0.005
21120	0.005
21180	0.005
21240	0.005
21300	0.004
21360	0.005
21420	0.004
21480	0.004
21540	0.004
21600	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

21660	0.004
21720	0.004
21780	0.004
21840	0.004
21900	0.004
21960	0.004
22020	0.004
22080	0.004
22140	0.004
22200	0.004
22260	0.004
22320	0.004
22380	0.004
22440	0.004
22500	0.004
22560	0.004
22620	0.004
22680	0.004
22740	0.003
22800	0.003
22860	0.003
22920	0.003
22980	0.003
23040	0.003
23100	0.003
23160	0.003
23220	0.003
23280	0.003
23340	0.003
23400	0.003
23460	0.003
23520	0.003
23580	0.003
23640	0.003
23700	0.003
23760	0.003
23820	0.003
23880	0.003
23940	0.003
24000	0.003
24060	0.003
24120	0.002
24180	0.002
24240	0.002
24300	0.002
24360	0.002
24420	0.002
24480	0.002
24540	0.002
24600	0.002
24660	0.002
24720	0.002
24780	0.002
24840	0.002
24900	0.002
24960	0.002
25020	0.002
25080	0.002
25140	0.003
25200	0.002
25260	0.002
25320	0.002
25380	0.003
25440	0.002
25500	0.003
25560	0.002
25620	0.002
25680	0.002
25740	0.002
25800	0.002
25860	0.002
25920	0.002
25980	0.002
26040	0.002
26100	0.002
26160	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

26220	0.003
26280	0.002
26340	0.002
26400	0.002
26460	0.002
26520	0.003
26580	0.003
26640	0.002
26700	0.002
26760	0.003
26820	0.002
26880	0.002
26940	0.002
27000	0.002
27060	0.002
27120	0.002
27180	0.002
27240	0.002
27300	0.002
27360	0.002
27420	0.002
27480	0.003
27540	0.002
27600	0.002
27660	0.002
27720	0.002
27780	0.002
27840	0.002
27900	0.002
27960	0.002
28020	0.002
28080	0.002
28140	0.002
28200	0.002
28260	0.002
28320	0.002
28380	0.002
28440	0.002
28500	0.002
28560	0.003
28620	0.002
28680	0.003
28740	0.004
28800	0.002
28860	0.002
28920	0.002
28980	0.002
29040	0.002
29100	0.002
29160	0.002
29220	0.003
29280	0.002
29340	0.004
29400	0.002
29460	0.002
29520	0.002
29580	0.002
29640	0.002
29700	0.002
29760	0.002
29820	0.002
29880	0.003
29940	0.003
30000	0.003
30060	0.002
30120	0.002
30180	0.002
30240	0.002
30300	0.002
30360	0.002
30420	0.003
30480	0.002
30540	0.003
30600	0.003
30660	0.003
30720	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/17/2019

30780	0.003
30840	0.003
30900	0.003
30960	0.003
31020	0.003
31080	0.003
31140	0.003
31200	0.003
31260	0.003
31320	0.003
31380	0.003
31440	0.003
31500	0.003
31560	0.003
31620	0.003
31680	0.003
31740	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_091819_004
Test Start Time	7:45:32 AM
Test Start Date	9/18/2019
Test Length [D:H:M]	0:09:45
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.007
Mass Minimum [mg/m3]	0.003
Mass Maximum [mg/m3]	0.048
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	585

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.048		
120	0.013		
180	0.012		
240	0.011		
300	0.011		
360	0.011		
420	0.011		
480	0.011		
540	0.011		
600	0.011		
660	0.011		
720	0.026		
780	0.023		
840	0.012		
900	0.011		
960	0.011		
1020	0.011		
1080	0.01		
1140	0.01		
1200	0.011		
1260	0.011		
1320	0.011		
1380	0.011		
1440	0.011		
1500	0.011		
1560	0.011		
1620	0.011		
1680	0.01		
1740	0.01		
1800	0.011		
1860	0.011		
1920	0.011		
1980	0.01		
2040	0.011		
2100	0.01		
2160	0.01		
2220	0.01		
2280	0.011		
2340	0.012		
2400	0.012		
2460	0.011		
2520	0.011		
2580	0.01		
2640	0.011		
2700	0.011		
2760	0.011		
2820	0.011		
2880	0.011		
2940	0.01		
3000	0.01		
3060	0.011		
3120	0.01		
3180	0.01		
3240	0.011		
3300	0.011		
3360	0.01		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

3420	0.01
3480	0.011
3540	0.01
3600	0.011
3660	0.011
3720	0.011
3780	0.011
3840	0.011
3900	0.011
3960	0.011
4020	0.012
4080	0.014
4140	0.014
4200	0.014
4260	0.015
4320	0.015
4380	0.015
4440	0.014
4500	0.015
4560	0.016
4620	0.016
4680	0.015
4740	0.017
4800	0.016
4860	0.016
4920	0.016
4980	0.016
5040	0.015
5100	0.015
5160	0.014
5220	0.014
5280	0.014
5340	0.014
5400	0.013
5460	0.012
5520	0.012
5580	0.013
5640	0.014
5700	0.014
5760	0.013
5820	0.013
5880	0.013
5940	0.013
6000	0.012
6060	0.013
6120	0.012
6180	0.012
6240	0.015
6300	0.012
6360	0.012
6420	0.012
6480	0.012
6540	0.012
6600	0.011
6660	0.011
6720	0.011
6780	0.011
6840	0.01
6900	0.011
6960	0.01
7020	0.01
7080	0.01
7140	0.01
7200	0.01
7260	0.009
7320	0.009
7380	0.009
7440	0.009
7500	0.009
7560	0.01
7620	0.009
7680	0.009
7740	0.009
7800	0.009
7860	0.009
7920	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

7980	0.01
8040	0.008
8100	0.008
8160	0.009
8220	0.008
8280	0.008
8340	0.008
8400	0.008
8460	0.008
8520	0.008
8580	0.007
8640	0.007
8700	0.007
8760	0.007
8820	0.007
8880	0.007
8940	0.007
9000	0.007
9060	0.007
9120	0.007
9180	0.007
9240	0.007
9300	0.007
9360	0.007
9420	0.007
9480	0.007
9540	0.007
9600	0.007
9660	0.007
9720	0.007
9780	0.007
9840	0.007
9900	0.007
9960	0.007
10020	0.007
10080	0.007
10140	0.006
10200	0.006
10260	0.006
10320	0.006
10380	0.006
10440	0.006
10500	0.006
10560	0.006
10620	0.006
10680	0.006
10740	0.006
10800	0.006
10860	0.006
10920	0.006
10980	0.006
11040	0.006
11100	0.006
11160	0.006
11220	0.006
11280	0.006
11340	0.006
11400	0.005
11460	0.005
11520	0.006
11580	0.005
11640	0.006
11700	0.006
11760	0.006
11820	0.006
11880	0.006
11940	0.006
12000	0.006
12060	0.006
12120	0.006
12180	0.006
12240	0.006
12300	0.006
12360	0.006
12420	0.006
12480	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

12540	0.007
12600	0.006
12660	0.006
12720	0.006
12780	0.006
12840	0.006
12900	0.006
12960	0.006
13020	0.006
13080	0.006
13140	0.006
13200	0.006
13260	0.006
13320	0.006
13380	0.006
13440	0.006
13500	0.006
13560	0.006
13620	0.006
13680	0.006
13740	0.006
13800	0.006
13860	0.006
13920	0.005
13980	0.006
14040	0.006
14100	0.006
14160	0.006
14220	0.006
14280	0.006
14340	0.006
14400	0.006
14460	0.006
14520	0.006
14580	0.006
14640	0.006
14700	0.006
14760	0.006
14820	0.006
14880	0.006
14940	0.005
15000	0.005
15060	0.005
15120	0.005
15180	0.005
15240	0.005
15300	0.006
15360	0.006
15420	0.005
15480	0.005
15540	0.005
15600	0.007
15660	0.006
15720	0.006
15780	0.006
15840	0.006
15900	0.005
15960	0.005
16020	0.005
16080	0.005
16140	0.005
16200	0.005
16260	0.006
16320	0.005
16380	0.005
16440	0.005
16500	0.005
16560	0.005
16620	0.005
16680	0.005
16740	0.005
16800	0.005
16860	0.005
16920	0.005
16980	0.005
17040	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

17100	0.005
17160	0.005
17220	0.005
17280	0.005
17340	0.005
17400	0.005
17460	0.005
17520	0.005
17580	0.006
17640	0.008
17700	0.008
17760	0.005
17820	0.005
17880	0.006
17940	0.006
18000	0.006
18060	0.005
18120	0.005
18180	0.005
18240	0.005
18300	0.005
18360	0.005
18420	0.005
18480	0.005
18540	0.005
18600	0.005
18660	0.005
18720	0.005
18780	0.006
18840	0.007
18900	0.005
18960	0.005
19020	0.007
19080	0.005
19140	0.006
19200	0.005
19260	0.006
19320	0.006
19380	0.006
19440	0.006
19500	0.006
19560	0.006
19620	0.006
19680	0.006
19740	0.006
19800	0.005
19860	0.005
19920	0.005
19980	0.005
20040	0.005
20100	0.005
20160	0.005
20220	0.005
20280	0.005
20340	0.005
20400	0.005
20460	0.005
20520	0.005
20580	0.005
20640	0.005
20700	0.005
20760	0.005
20820	0.005
20880	0.005
20940	0.005
21000	0.005
21060	0.005
21120	0.005
21180	0.006
21240	0.006
21300	0.006
21360	0.006
21420	0.006
21480	0.005
21540	0.006
21600	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

21660	0.005
21720	0.005
21780	0.006
21840	0.005
21900	0.005
21960	0.006
22020	0.005
22080	0.005
22140	0.005
22200	0.005
22260	0.005
22320	0.005
22380	0.005
22440	0.005
22500	0.005
22560	0.005
22620	0.005
22680	0.005
22740	0.006
22800	0.005
22860	0.005
22920	0.005
22980	0.005
23040	0.005
23100	0.005
23160	0.005
23220	0.005
23280	0.005
23340	0.005
23400	0.005
23460	0.005
23520	0.006
23580	0.005
23640	0.006
23700	0.006
23760	0.005
23820	0.005
23880	0.005
23940	0.005
24000	0.006
24060	0.006
24120	0.006
24180	0.005
24240	0.006
24300	0.006
24360	0.006
24420	0.006
24480	0.005
24540	0.005
24600	0.005
24660	0.006
24720	0.005
24780	0.006
24840	0.006
24900	0.006
24960	0.006
25020	0.006
25080	0.005
25140	0.005
25200	0.005
25260	0.005
25320	0.005
25380	0.006
25440	0.005
25500	0.005
25560	0.006
25620	0.005
25680	0.005
25740	0.005
25800	0.005
25860	0.005
25920	0.005
25980	0.005
26040	0.005
26100	0.005
26160	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

26220	0.005
26280	0.005
26340	0.005
26400	0.005
26460	0.005
26520	0.005
26580	0.005
26640	0.005
26700	0.004
26760	0.004
26820	0.005
26880	0.004
26940	0.004
27000	0.004
27060	0.004
27120	0.004
27180	0.005
27240	0.005
27300	0.004
27360	0.005
27420	0.004
27480	0.004
27540	0.004
27600	0.004
27660	0.004
27720	0.004
27780	0.004
27840	0.004
27900	0.005
27960	0.004
28020	0.004
28080	0.004
28140	0.004
28200	0.004
28260	0.004
28320	0.004
28380	0.004
28440	0.004
28500	0.004
28560	0.004
28620	0.004
28680	0.004
28740	0.004
28800	0.004
28860	0.004
28920	0.004
28980	0.004
29040	0.004
29100	0.004
29160	0.004
29220	0.004
29280	0.004
29340	0.004
29400	0.004
29460	0.004
29520	0.004
29580	0.004
29640	0.004
29700	0.004
29760	0.004
29820	0.004
29880	0.004
29940	0.004
30000	0.004
30060	0.004
30120	0.004
30180	0.004
30240	0.004
30300	0.004
30360	0.004
30420	0.003
30480	0.004
30540	0.003
30600	0.004
30660	0.004
30720	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/18/2019

30780	0.004
30840	0.004
30900	0.004
30960	0.004
31020	0.004
31080	0.004
31140	0.004
31200	0.004
31260	0.004
31320	0.005
31380	0.005
31440	0.004
31500	0.004
31560	0.004
31620	0.004
31680	0.004
31740	0.005
31800	0.005
31860	0.005
31920	0.005
31980	0.005
32040	0.005
32100	0.005
32160	0.005
32220	0.006
32280	0.005
32340	0.005
32400	0.005
32460	0.005
32520	0.005
32580	0.005
32640	0.005
32700	0.005
32760	0.005
32820	0.005
32880	0.005
32940	0.005
33000	0.007
33060	0.006
33120	0.005
33180	0.006
33240	0.006
33300	0.006
33360	0.005
33420	0.006
33480	0.005
33540	0.005
33600	0.005
33660	0.005
33720	0.005
33780	0.005
33840	0.005
33900	0.005
33960	0.006
34020	0.005
34080	0.006
34140	0.006
34200	0.006
34260	0.006
34320	0.006
34380	0.006
34440	0.006
34500	0.005
34560	0.006
34620	0.006
34680	0.006
34740	0.005
34800	0.005
34860	0.005
34920	0.005
34980	0.005
35040	0.005
35100	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_091919_005
Test Start Time	7:40:38 AM
Test Start Date	9/19/2019
Test Length [D:H:M]	0:09:21
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.025
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	561

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.025		
120	0.009		
180	0.009		
240	0.009		
300	0.009		
360	0.009		
420	0.009		
480	0.009		
540	0.009		
600	0.01		
660	0.012		
720	0.013		
780	0.01		
840	0.011		
900	0.012		
960	0.01		
1020	0.009		
1080	0.009		
1140	0.009		
1200	0.009		
1260	0.01		
1320	0.01		
1380	0.01		
1440	0.01		
1500	0.01		
1560	0.01		
1620	0.01		
1680	0.01		
1740	0.011		
1800	0.016		
1860	0.012		
1920	0.009		
1980	0.009		
2040	0.009		
2100	0.009		
2160	0.01		
2220	0.009		
2280	0.009		
2340	0.009		
2400	0.01		
2460	0.01		
2520	0.01		
2580	0.009		
2640	0.01		
2700	0.009		
2760	0.01		
2820	0.01		
2880	0.01		
2940	0.011		
3000	0.01		
3060	0.01		
3120	0.009		
3180	0.008		
3240	0.009		
3300	0.008		
3360	0.009		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

3420	0.01
3480	0.009
3540	0.008
3600	0.008
3660	0.008
3720	0.008
3780	0.008
3840	0.016
3900	0.008
3960	0.008
4020	0.008
4080	0.008
4140	0.008
4200	0.008
4260	0.008
4320	0.008
4380	0.008
4440	0.008
4500	0.008
4560	0.009
4620	0.008
4680	0.008
4740	0.008
4800	0.008
4860	0.008
4920	0.008
4980	0.008
5040	0.008
5100	0.008
5160	0.008
5220	0.008
5280	0.008
5340	0.008
5400	0.008
5460	0.008
5520	0.008
5580	0.008
5640	0.008
5700	0.008
5760	0.008
5820	0.008
5880	0.008
5940	0.008
6000	0.008
6060	0.008
6120	0.008
6180	0.008
6240	0.008
6300	0.008
6360	0.008
6420	0.008
6480	0.008
6540	0.008
6600	0.008
6660	0.008
6720	0.008
6780	0.008
6840	0.008
6900	0.008
6960	0.008
7020	0.008
7080	0.008
7140	0.008
7200	0.008
7260	0.008
7320	0.008
7380	0.008
7440	0.007
7500	0.008
7560	0.008
7620	0.008
7680	0.008
7740	0.008
7800	0.008
7860	0.007
7920	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

7980	0.008
8040	0.008
8100	0.007
8160	0.007
8220	0.007
8280	0.007
8340	0.008
8400	0.007
8460	0.007
8520	0.007
8580	0.007
8640	0.007
8700	0.007
8760	0.007
8820	0.007
8880	0.007
8940	0.007
9000	0.007
9060	0.006
9120	0.006
9180	0.007
9240	0.007
9300	0.007
9360	0.006
9420	0.007
9480	0.006
9540	0.006
9600	0.006
9660	0.006
9720	0.006
9780	0.006
9840	0.006
9900	0.007
9960	0.007
10020	0.007
10080	0.007
10140	0.006
10200	0.007
10260	0.007
10320	0.007
10380	0.007
10440	0.006
10500	0.007
10560	0.007
10620	0.006
10680	0.006
10740	0.006
10800	0.006
10860	0.006
10920	0.006
10980	0.006
11040	0.006
11100	0.006
11160	0.006
11220	0.006
11280	0.006
11340	0.006
11400	0.006
11460	0.006
11520	0.006
11580	0.005
11640	0.005
11700	0.006
11760	0.005
11820	0.005
11880	0.005
11940	0.005
12000	0.005
12060	0.005
12120	0.005
12180	0.005
12240	0.006
12300	0.006
12360	0.006
12420	0.006
12480	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

12540	0.005
12600	0.005
12660	0.005
12720	0.005
12780	0.005
12840	0.005
12900	0.005
12960	0.005
13020	0.005
13080	0.005
13140	0.005
13200	0.005
13260	0.005
13320	0.005
13380	0.005
13440	0.005
13500	0.005
13560	0.005
13620	0.005
13680	0.005
13740	0.005
13800	0.005
13860	0.005
13920	0.005
13980	0.005
14040	0.005
14100	0.005
14160	0.005
14220	0.005
14280	0.005
14340	0.005
14400	0.005
14460	0.005
14520	0.005
14580	0.005
14640	0.005
14700	0.005
14760	0.005
14820	0.005
14880	0.005
14940	0.005
15000	0.005
15060	0.005
15120	0.005
15180	0.005
15240	0.005
15300	0.005
15360	0.005
15420	0.005
15480	0.005
15540	0.005
15600	0.005
15660	0.005
15720	0.005
15780	0.005
15840	0.005
15900	0.005
15960	0.005
16020	0.005
16080	0.005
16140	0.005
16200	0.005
16260	0.005
16320	0.005
16380	0.005
16440	0.005
16500	0.005
16560	0.005
16620	0.005
16680	0.005
16740	0.005
16800	0.005
16860	0.005
16920	0.005
16980	0.005
17040	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

17100	0.005
17160	0.005
17220	0.005
17280	0.005
17340	0.005
17400	0.005
17460	0.005
17520	0.005
17580	0.006
17640	0.005
17700	0.005
17760	0.005
17820	0.005
17880	0.005
17940	0.005
18000	0.005
18060	0.005
18120	0.005
18180	0.005
18240	0.005
18300	0.005
18360	0.005
18420	0.005
18480	0.005
18540	0.005
18600	0.005
18660	0.005
18720	0.005
18780	0.005
18840	0.005
18900	0.005
18960	0.005
19020	0.005
19080	0.005
19140	0.005
19200	0.005
19260	0.005
19320	0.005
19380	0.005
19440	0.005
19500	0.005
19560	0.005
19620	0.005
19680	0.005
19740	0.005
19800	0.005
19860	0.005
19920	0.005
19980	0.005
20040	0.005
20100	0.005
20160	0.005
20220	0.005
20280	0.005
20340	0.005
20400	0.006
20460	0.005
20520	0.005
20580	0.005
20640	0.005
20700	0.006
20760	0.007
20820	0.006
20880	0.006
20940	0.006
21000	0.005
21060	0.006
21120	0.006
21180	0.006
21240	0.006
21300	0.006
21360	0.006
21420	0.007
21480	0.007
21540	0.007
21600	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

21660	0.007
21720	0.007
21780	0.008
21840	0.008
21900	0.008
21960	0.008
22020	0.008
22080	0.007
22140	0.007
22200	0.008
22260	0.008
22320	0.008
22380	0.008
22440	0.008
22500	0.008
22560	0.008
22620	0.008
22680	0.008
22740	0.008
22800	0.008
22860	0.009
22920	0.008
22980	0.009
23040	0.009
23100	0.009
23160	0.008
23220	0.008
23280	0.008
23340	0.008
23400	0.008
23460	0.008
23520	0.008
23580	0.008
23640	0.008
23700	0.008
23760	0.008
23820	0.008
23880	0.009
23940	0.008
24000	0.008
24060	0.009
24120	0.009
24180	0.009
24240	0.009
24300	0.009
24360	0.009
24420	0.009
24480	0.009
24540	0.009
24600	0.009
24660	0.009
24720	0.008
24780	0.008
24840	0.009
24900	0.009
24960	0.009
25020	0.009
25080	0.009
25140	0.01
25200	0.01
25260	0.01
25320	0.011
25380	0.011
25440	0.012
25500	0.013
25560	0.014
25620	0.013
25680	0.014
25740	0.013
25800	0.013
25860	0.014
25920	0.014
25980	0.012
26040	0.012
26100	0.012
26160	0.012

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

26220	0.012
26280	0.011
26340	0.012
26400	0.011
26460	0.01
26520	0.01
26580	0.011
26640	0.011
26700	0.01
26760	0.01
26820	0.01
26880	0.01
26940	0.011
27000	0.011
27060	0.01
27120	0.01
27180	0.01
27240	0.01
27300	0.011
27360	0.011
27420	0.011
27480	0.011
27540	0.011
27600	0.011
27660	0.012
27720	0.012
27780	0.012
27840	0.012
27900	0.011
27960	0.011
28020	0.011
28080	0.011
28140	0.011
28200	0.011
28260	0.011
28320	0.011
28380	0.011
28440	0.011
28500	0.011
28560	0.012
28620	0.011
28680	0.011
28740	0.011
28800	0.011
28860	0.011
28920	0.011
28980	0.011
29040	0.011
29100	0.011
29160	0.011
29220	0.01
29280	0.011
29340	0.01
29400	0.01
29460	0.01
29520	0.01
29580	0.01
29640	0.01
29700	0.01
29760	0.01
29820	0.011
29880	0.011
29940	0.01
30000	0.01
30060	0.01
30120	0.01
30180	0.01
30240	0.01
30300	0.01
30360	0.009
30420	0.01
30480	0.01
30540	0.01
30600	0.01
30660	0.01
30720	0.01

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/19/2019

30780	0.01
30840	0.01
30900	0.01
30960	0.01
31020	0.01
31080	0.01
31140	0.011
31200	0.011
31260	0.01
31320	0.01
31380	0.011
31440	0.01
31500	0.011
31560	0.011
31620	0.011
31680	0.012
31740	0.012
31800	0.012
31860	0.013
31920	0.013
31980	0.013
32040	0.013
32100	0.013
32160	0.013
32220	0.013
32280	0.013
32340	0.013
32400	0.014
32460	0.014
32520	0.014
32580	0.015
32640	0.014
32700	0.014
32760	0.014
32820	0.014
32880	0.014
32940	0.015
33000	0.015
33060	0.015
33120	0.015
33180	0.015
33240	0.015
33300	0.016
33360	0.016
33420	0.016
33480	0.016
33540	0.016
33600	0.016
33660	0.017

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/22/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_092019_006
Test Start Time	7:39:41 AM
Test Start Date	9/20/2019
Test Length [D:H:M]	0:05:01
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.08
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	301

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.08		
120	0.016		
180	0.016		
240	0.016		
300	0.017		
360	0.018		
420	0.017		
480	0.016		
540	0.016		
600	0.016		
660	0.016		
720	0.016		
780	0.016		
840	0.016		
900	0.016		
960	0.017		
1020	0.017		
1080	0.016		
1140	0.016		
1200	0.016		
1260	0.017		
1320	0.017		
1380	0.017		
1440	0.017		
1500	0.017		
1560	0.017		
1620	0.017		
1680	0.017		
1740	0.017		
1800	0.017		
1860	0.017		
1920	0.018		
1980	0.017		
2040	0.017		
2100	0.017		
2160	0.018		
2220	0.018		
2280	0.018		
2340	0.017		
2400	0.017		
2460	0.017		
2520	0.018		
2580	0.018		
2640	0.017		
2700	0.031		
2760	0.017		
2820	0.018		
2880	0.017		
2940	0.017		
3000	0.018		
3060	0.017		
3120	0.017		
3180	0.018		
3240	0.018		
3300	0.018		
3360	0.018		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/22/2019

3420	0.018
3480	0.017
3540	0.017
3600	0.017
3660	0.018
3720	0.017
3780	0.017
3840	0.017
3900	0.017
3960	0.018
4020	0.019
4080	0.021
4140	0.019
4200	0.02
4260	0.019
4320	0.02
4380	0.02
4440	0.019
4500	0.018
4560	0.018
4620	0.018
4680	0.019
4740	0.019
4800	0.019
4860	0.018
4920	0.017
4980	0.018
5040	0.016
5100	0.017
5160	0.016
5220	0.015
5280	0.016
5340	0.015
5400	0.015
5460	0.015
5520	0.015
5580	0.015
5640	0.015
5700	0.015
5760	0.015
5820	0.015
5880	0.015
5940	0.016
6000	0.015
6060	0.016
6120	0.016
6180	0.015
6240	0.016
6300	0.016
6360	0.016
6420	0.018
6480	0.018
6540	0.017
6600	0.019
6660	0.018
6720	0.017
6780	0.016
6840	0.016
6900	0.016
6960	0.018
7020	0.016
7080	0.015
7140	0.015
7200	0.015
7260	0.015
7320	0.015
7380	0.015
7440	0.015
7500	0.014
7560	0.014
7620	0.014
7680	0.014
7740	0.014
7800	0.013
7860	0.013
7920	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/22/2019

7980	0.012
8040	0.012
8100	0.011
8160	0.012
8220	0.012
8280	0.012
8340	0.012
8400	0.012
8460	0.012
8520	0.011
8580	0.011
8640	0.012
8700	0.013
8760	0.012
8820	0.011
8880	0.011
8940	0.011
9000	0.011
9060	0.011
9120	0.011
9180	0.011
9240	0.01
9300	0.011
9360	0.011
9420	0.011
9480	0.01
9540	0.01
9600	0.011
9660	0.011
9720	0.011
9780	0.011
9840	0.012
9900	0.011
9960	0.01
10020	0.01
10080	0.011
10140	0.01
10200	0.01
10260	0.01
10320	0.01
10380	0.01
10440	0.01
10500	0.01
10560	0.01
10620	0.01
10680	0.01
10740	0.01
10800	0.01
10860	0.01
10920	0.01
10980	0.01
11040	0.01
11100	0.009
11160	0.01
11220	0.009
11280	0.009
11340	0.009
11400	0.009
11460	0.009
11520	0.009
11580	0.009
11640	0.009
11700	0.009
11760	0.009
11820	0.009
11880	0.009
11940	0.008
12000	0.008
12060	0.008
12120	0.008
12180	0.009
12240	0.008
12300	0.008
12360	0.008
12420	0.008
12480	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/22/2019

12540	0.008
12600	0.008
12660	0.008
12720	0.008
12780	0.008
12840	0.008
12900	0.008
12960	0.008
13020	0.008
13080	0.008
13140	0.008
13200	0.008
13260	0.008
13320	0.008
13380	0.008
13440	0.008
13500	0.008
13560	0.008
13620	0.008
13680	0.008
13740	0.008
13800	0.008
13860	0.008
13920	0.008
13980	0.008
14040	0.008
14100	0.008
14160	0.008
14220	0.008
14280	0.008
14340	0.008
14400	0.008
14460	0.008
14520	0.008
14580	0.008
14640	0.008
14700	0.008
14760	0.008
14820	0.008
14880	0.009
14940	0.009
15000	0.008
15060	0.008
15120	0.008
15180	0.008
15240	0.008
15300	0.008
15360	0.008
15420	0.008
15480	0.008
15540	0.008
15600	0.008
15660	0.008
15720	0.008
15780	0.008
15840	0.008
15900	0.008
15960	0.008
16020	0.008
16080	0.008
16140	0.008
16200	0.008
16260	0.008
16320	0.008
16380	0.008
16440	0.009
16500	0.008
16560	0.008
16620	0.009
16680	0.008
16740	0.008
16800	0.008
16860	0.008
16920	0.008
16980	0.008
17040	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/22/2019

17100	0.008
17160	0.008
17220	0.008
17280	0.008
17340	0.008
17400	0.008
17460	0.008
17520	0.008
17580	0.008
17640	0.008
17700	0.008
17760	0.007
17820	0.008
17880	0.007
17940	0.007
18000	0.008
18060	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/25/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530142604
Firmware Version	3.9
Calibration Date	7/23/2019
Test Name	UW_092519_007
Test Start Time	12:59:17 PM
Test Start Date	9/25/2019
Test Length [D:H:M]	0:04:19
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.011
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	259

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.011		
120	0.007		
180	0.007		
240	0.006		
300	0.006		
360	0.006		
420	0.006		
480	0.006		
540	0.006		
600	0.006		
660	0.006		
720	0.006		
780	0.006		
840	0.006		
900	0.006		
960	0.006		
1020	0.006		
1080	0.005		
1140	0.005		
1200	0.005		
1260	0.005		
1320	0.005		
1380	0.005		
1440	0.005		
1500	0.005		
1560	0.005		
1620	0.005		
1680	0.005		
1740	0.005		
1800	0.005		
1860	0.005		
1920	0.006		
1980	0.005		
2040	0.005		
2100	0.005		
2160	0.005		
2220	0.005		
2280	0.005		
2340	0.005		
2400	0.005		
2460	0.005		
2520	0.005		
2580	0.005		
2640	0.005		
2700	0.005		
2760	0.005		
2820	0.005		
2880	0.005		
2940	0.005		
3000	0.006		
3060	0.006		
3120	0.006		
3180	0.005		
3240	0.005		
3300	0.006		
3360	0.006		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/25/2019

3420	0.006
3480	0.006
3540	0.006
3600	0.006
3660	0.006
3720	0.006
3780	0.006
3840	0.006
3900	0.006
3960	0.006
4020	0.006
4080	0.006
4140	0.006
4200	0.007
4260	0.007
4320	0.007
4380	0.007
4440	0.007
4500	0.007
4560	0.007
4620	0.007
4680	0.007
4740	0.007
4800	0.007
4860	0.007
4920	0.007
4980	0.007
5040	0.007
5100	0.007
5160	0.007
5220	0.007
5280	0.007
5340	0.007
5400	0.007
5460	0.007
5520	0.007
5580	0.007
5640	0.007
5700	0.009
5760	0.008
5820	0.007
5880	0.007
5940	0.008
6000	0.008
6060	0.008
6120	0.008
6180	0.008
6240	0.008
6300	0.008
6360	0.007
6420	0.008
6480	0.008
6540	0.008
6600	0.008
6660	0.008
6720	0.008
6780	0.008
6840	0.008
6900	0.008
6960	0.009
7020	0.008
7080	0.008
7140	0.008
7200	0.008
7260	0.008
7320	0.008
7380	0.009
7440	0.008
7500	0.009
7560	0.009
7620	0.009
7680	0.008
7740	0.008
7800	0.008
7860	0.008
7920	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/25/2019

7980	0.009
8040	0.009
8100	0.008
8160	0.008
8220	0.009
8280	0.009
8340	0.008
8400	0.008
8460	0.009
8520	0.008
8580	0.008
8640	0.009
8700	0.009
8760	0.009
8820	0.009
8880	0.009
8940	0.009
9000	0.009
9060	0.009
9120	0.009
9180	0.009
9240	0.008
9300	0.009
9360	0.009
9420	0.009
9480	0.009
9540	0.009
9600	0.009
9660	0.009
9720	0.009
9780	0.01
9840	0.009
9900	0.009
9960	0.009
10020	0.009
10080	0.009
10140	0.009
10200	0.009
10260	0.009
10320	0.009
10380	0.009
10440	0.009
10500	0.009
10560	0.009
10620	0.009
10680	0.01
10740	0.009
10800	0.01
10860	0.009
10920	0.009
10980	0.008
11040	0.009
11100	0.009
11160	0.009
11220	0.009
11280	0.009
11340	0.009
11400	0.009
11460	0.009
11520	0.008
11580	0.009
11640	0.008
11700	0.008
11760	0.009
11820	0.008
11880	0.008
11940	0.009
12000	0.01
12060	0.008
12120	0.008
12180	0.008
12240	0.008
12300	0.009
12360	0.01
12420	0.008
12480	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
9/25/2019

12540	0.008
12600	0.008
12660	0.008
12720	0.007
12780	0.008
12840	0.008
12900	0.008
12960	0.007
13020	0.007
13080	0.007
13140	0.007
13200	0.007
13260	0.007
13320	0.008
13380	0.008
13440	0.007
13500	0.008
13560	0.008
13620	0.008
13680	0.008
13740	0.007
13800	0.007
13860	0.008
13920	0.009
13980	0.008
14040	0.008
14100	0.008
14160	0.009
14220	0.008
14280	0.008
14340	0.009
14400	0.009
14460	0.009
14520	0.008
14580	0.009
14640	0.009
14700	0.009
14760	0.009
14820	0.009
14880	0.009
14940	0.009
15000	0.009
15060	0.009
15120	0.009
15180	0.008
15240	0.009
15300	0.009
15360	0.009
15420	0.009
15480	0.01
15540	0.009

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3.7
Calibration Date	10/28/2014
Test Name	MONDAY_001
Test Start Time	2:16:29 PM
Test Start Date	11/4/2019
Test Length [D:H:M]	0:02:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.116
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	598

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.016		
30	0.015		
45	0.015		
60	0.015		
75	0.015		
90	0.016		
105	0.016		
120	0.015		
135	0.016		
150	0.015		
165	0.015		
180	0.015		
195	0.015		
210	0.015		
225	0.015		
240	0.015		
255	0.015		
270	0.015		
285	0.015		
300	0.016		
315	0.015		
330	0.015		
345	0.015		
360	0.015		
375	0.015		
390	0.015		
405	0.015		
420	0.016		
435	0.018		
450	0.016		
465	0.014		
480	0.014		
495	0.013		
510	0.014		
525	0.014		
540	0.014		
555	0.017		
570	0.016		
585	0.016		
600	0.016		
615	0.017		
630	0.016		
645	0.015		
660	0.015		
675	0.015		
690	0.015		
705	0.015		
720	0.015		
735	0.016		
750	0.017		
765	0.016		
780	0.014		
795	0.015		
810	0.015		
825	0.014		
840	0.014		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

855	0.014
870	0.016
885	0.021
900	0.018
915	0.014
930	0.013
945	0.014
960	0.014
975	0.013
990	0.013
1005	0.013
1020	0.013
1035	0.012
1050	0.012
1065	0.012
1080	0.012
1095	0.012
1110	0.012
1125	0.012
1140	0.012
1155	0.012
1170	0.012
1185	0.012
1200	0.013
1215	0.013
1230	0.012
1245	0.012
1260	0.012
1275	0.012
1290	0.012
1305	0.012
1320	0.012
1335	0.012
1350	0.012
1365	0.012
1380	0.011
1395	0.012
1410	0.011
1425	0.011
1440	0.012
1455	0.011
1470	0.011
1485	0.011
1500	0.011
1515	0.012
1530	0.012
1545	0.011
1560	0.011
1575	0.011
1590	0.011
1605	0.011
1620	0.011
1635	0.012
1650	0.012
1665	0.012
1680	0.011
1695	0.011
1710	0.011
1725	0.012
1740	0.011
1755	0.011
1770	0.011
1785	0.011
1800	0.01
1815	0.01
1830	0.01
1845	0.01
1860	0.01
1875	0.011
1890	0.011
1905	0.01
1920	0.01
1935	0.01
1950	0.01
1965	0.01
1980	0.01

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

1995	0.01
2010	0.01
2025	0.01
2040	0.011
2055	0.012
2070	0.012
2085	0.014
2100	0.011
2115	0.01
2130	0.01
2145	0.011
2160	0.01
2175	0.013
2190	0.013
2205	0.01
2220	0.01
2235	0.01
2250	0.01
2265	0.01
2280	0.01
2295	0.011
2310	0.01
2325	0.009
2340	0.01
2355	0.01
2370	0.01
2385	0.009
2400	0.009
2415	0.009
2430	0.009
2445	0.009
2460	0.009
2475	0.009
2490	0.01
2505	0.009
2520	0.009
2535	0.009
2550	0.009
2565	0.009
2580	0.009
2595	0.009
2610	0.009
2625	0.009
2640	0.009
2655	0.009
2670	0.009
2685	0.009
2700	0.011
2715	0.009
2730	0.009
2745	0.009
2760	0.009
2775	0.011
2790	0.009
2805	0.009
2820	0.01
2835	0.01
2850	0.01
2865	0.01
2880	0.009
2895	0.009
2910	0.009
2925	0.009
2940	0.01
2955	0.01
2970	0.009
2985	0.01
3000	0.01
3015	0.009
3030	0.009
3045	0.009
3060	0.009
3075	0.009
3090	0.009
3105	0.009
3120	0.009

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

3135	0.009
3150	0.01
3165	0.012
3180	0.012
3195	0.011
3210	0.009
3225	0.008
3240	0.009
3255	0.009
3270	0.008
3285	0.009
3300	0.009
3315	0.015
3330	0.009
3345	0.009
3360	0.009
3375	0.008
3390	0.008
3405	0.008
3420	0.008
3435	0.009
3450	0.01
3465	0.011
3480	0.009
3495	0.009
3510	0.008
3525	0.009
3540	0.008
3555	0.008
3570	0.008
3585	0.008
3600	0.008
3615	0.008
3630	0.008
3645	0.008
3660	0.008
3675	0.008
3690	0.008
3705	0.008
3720	0.008
3735	0.008
3750	0.009
3765	0.008
3780	0.008
3795	0.009
3810	0.01
3825	0.008
3840	0.009
3855	0.008
3870	0.008
3885	0.008
3900	0.008
3915	0.008
3930	0.008
3945	0.008
3960	0.008
3975	0.008
3990	0.008
4005	0.008
4020	0.008
4035	0.008
4050	0.008
4065	0.009
4080	0.008
4095	0.008
4110	0.008
4125	0.008
4140	0.008
4155	0.008
4170	0.009
4185	0.008
4200	0.01
4215	0.009
4230	0.01
4245	0.009
4260	0.009

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

4275	0.01
4290	0.009
4305	0.009
4320	0.009
4335	0.009
4350	0.009
4365	0.009
4380	0.009
4395	0.009
4410	0.009
4425	0.009
4440	0.009
4455	0.008
4470	0.009
4485	0.008
4500	0.009
4515	0.009
4530	0.009
4545	0.009
4560	0.013
4575	0.009
4590	0.011
4605	0.011
4620	0.01
4635	0.009
4650	0.009
4665	0.009
4680	0.008
4695	0.009
4710	0.009
4725	0.008
4740	0.009
4755	0.008
4770	0.008
4785	0.008
4800	0.008
4815	0.008
4830	0.008
4845	0.008
4860	0.008
4875	0.008
4890	0.008
4905	0.008
4920	0.008
4935	0.008
4950	0.008
4965	0.009
4980	0.008
4995	0.008
5010	0.008
5025	0.008
5040	0.008
5055	0.007
5070	0.007
5085	0.007
5100	0.007
5115	0.007
5130	0.008
5145	0.007
5160	0.008
5175	0.007
5190	0.008
5205	0.008
5220	0.007
5235	0.008
5250	0.008
5265	0.007
5280	0.007
5295	0.007
5310	0.007
5325	0.007
5340	0.007
5355	0.007
5370	0.007
5385	0.007
5400	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

5415	0.007
5430	0.007
5445	0.007
5460	0.007
5475	0.007
5490	0.007
5505	0.007
5520	0.008
5535	0.007
5550	0.007
5565	0.007
5580	0.008
5595	0.008
5610	0.01
5625	0.01
5640	0.009
5655	0.008
5670	0.008
5685	0.008
5700	0.009
5715	0.008
5730	0.007
5745	0.007
5760	0.007
5775	0.007
5790	0.007
5805	0.007
5820	0.007
5835	0.007
5850	0.008
5865	0.007
5880	0.007
5895	0.008
5910	0.024
5925	0.055
5940	0.032
5955	0.063
5970	0.054
5985	0.008
6000	0.007
6015	0.007
6030	0.008
6045	0.009
6060	0.009
6075	0.008
6090	0.008
6105	0.008
6120	0.007
6135	0.007
6150	0.007
6165	0.007
6180	0.007
6195	0.007
6210	0.007
6225	0.007
6240	0.007
6255	0.007
6270	0.007
6285	0.007
6300	0.007
6315	0.007
6330	0.007
6345	0.007
6360	0.006
6375	0.007
6390	0.007
6405	0.007
6420	0.007
6435	0.007
6450	0.007
6465	0.007
6480	0.007
6495	0.007
6510	0.007
6525	0.007
6540	0.007

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

6555	0.007
6570	0.007
6585	0.008
6600	0.009
6615	0.018
6630	0.015
6645	0.03
6660	0.07
6675	0.027
6690	0.009
6705	0.012
6720	0.024
6735	0.013
6750	0.016
6765	0.013
6780	0.013
6795	0.011
6810	0.011
6825	0.012
6840	0.009
6855	0.009
6870	0.008
6885	0.008
6900	0.008
6915	0.007
6930	0.007
6945	0.007
6960	0.007
6975	0.007
6990	0.007
7005	0.007
7020	0.007
7035	0.007
7050	0.007
7065	0.007
7080	0.007
7095	0.007
7110	0.007
7125	0.007
7140	0.007
7155	0.02
7170	0.03
7185	0.044
7200	0.116
7215	0.023
7230	0.007
7245	0.007
7260	0.007
7275	0.007
7290	0.007
7305	0.007
7320	0.008
7335	0.007
7350	0.007
7365	0.007
7380	0.007
7395	0.008
7410	0.007
7425	0.011
7440	0.01
7455	0.008
7470	0.009
7485	0.01
7500	0.016
7515	0.017
7530	0.012
7545	0.011
7560	0.011
7575	0.011
7590	0.011
7605	0.016
7620	0.019
7635	0.015
7650	0.009
7665	0.008
7680	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

7695	0.011
7710	0.009
7725	0.008
7740	0.007
7755	0.007
7770	0.007
7785	0.007
7800	0.007
7815	0.008
7830	0.01
7845	0.01
7860	0.008
7875	0.007
7890	0.009
7905	0.014
7920	0.061
7935	0.046
7950	0.032
7965	0.016
7980	0.016
7995	0.013
8010	0.013
8025	0.012
8040	0.01
8055	0.008
8070	0.008
8085	0.008
8100	0.008
8115	0.008
8130	0.008
8145	0.008
8160	0.008
8175	0.008
8190	0.008
8205	0.008
8220	0.009
8235	0.01
8250	0.01
8265	0.014
8280	0.012
8295	0.01
8310	0.014
8325	0.014
8340	0.024
8355	0.012
8370	0.011
8385	0.023
8400	0.024
8415	0.016
8430	0.011
8445	0.013
8460	0.014
8475	0.012
8490	0.01
8505	0.013
8520	0.009
8535	0.011
8550	0.01
8565	0.011
8580	0.008
8595	0.008
8610	0.008
8625	0.008
8640	0.008
8655	0.008
8670	0.007
8685	0.008
8700	0.008
8715	0.007
8730	0.007
8745	0.008
8760	0.007
8775	0.007
8790	0.007
8805	0.008
8820	0.008

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/4/2019

8835	0.008
8850	0.007
8865	0.008
8880	0.008
8895	0.009
8910	0.009
8925	0.008
8940	0.011
8955	0.008
8970	0.011

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/5/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	3.7
Calibration Date	10/28/2014
Test Name	TUESDAY_002
Test Start Time	8:49:46 AM
Test Start Date	11/5/2019
Test Length [D:H:M]	0:01:07
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.122
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	270

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.016		
30	0.01		
45	0.009		
60	0.009		
75	0.01		
90	0.01		
105	0.01		
120	0.01		
135	0.01		
150	0.01		
165	0.009		
180	0.009		
195	0.009		
210	0.009		
225	0.009		
240	0.009		
255	0.009		
270	0.009		
285	0.009		
300	0.01		
315	0.011		
330	0.011		
345	0.012		
360	0.01		
375	0.009		
390	0.01		
405	0.011		
420	0.011		
435	0.013		
450	0.011		
465	0.01		
480	0.01		
495	0.01		
510	0.011		
525	0.01		
540	0.011		
555	0.01		
570	0.012		
585	0.015		
600	0.011		
615	0.012		
630	0.013		
645	0.012		
660	0.01		
675	0.011		
690	0.011		
705	0.019		
720	0.022		
735	0.022		
750	0.011		
765	0.01		
780	0.01		
795	0.01		
810	0.01		
825	0.011		
840	0.013		

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/5/2019

855	0.014
870	0.012
885	0.016
900	0.027
915	0.022
930	0.018
945	0.012
960	0.01
975	0.02
990	0.011
1005	0.01
1020	0.01
1035	0.01
1050	0.009
1065	0.009
1080	0.009
1095	0.009
1110	0.009
1125	0.009
1140	0.009
1155	0.009
1170	0.009
1185	0.009
1200	0.009
1215	0.011
1230	0.011
1245	0.01
1260	0.01
1275	0.009
1290	0.009
1305	0.009
1320	0.01
1335	0.01
1350	0.01
1365	0.009
1380	0.009
1395	0.009
1410	0.009
1425	0.009
1440	0.009
1455	0.01
1470	0.012
1485	0.009
1500	0.009
1515	0.01
1530	0.012
1545	0.01
1560	0.01
1575	0.01
1590	0.01
1605	0.01
1620	0.013
1635	0.012
1650	0.009
1665	0.009
1680	0.01
1695	0.01
1710	0.009
1725	0.01
1740	0.01
1755	0.01
1770	0.01
1785	0.009
1800	0.009
1815	0.009
1830	0.029
1845	0.013
1860	0.015
1875	0.02
1890	0.018
1905	0.019
1920	0.019
1935	0.021
1950	0.011
1965	0.011
1980	0.01

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/5/2019

1995	0.01
2010	0.01
2025	0.01
2040	0.01
2055	0.012
2070	0.012
2085	0.018
2100	0.025
2115	0.026
2130	0.012
2145	0.011
2160	0.015
2175	0.011
2190	0.011
2205	0.01
2220	0.011
2235	0.01
2250	0.011
2265	0.011
2280	0.01
2295	0.012
2310	0.02
2325	0.013
2340	0.01
2355	0.012
2370	0.011
2385	0.01
2400	0.01
2415	0.01
2430	0.009
2445	0.009
2460	0.009
2475	0.01
2490	0.012
2505	0.011
2520	0.01
2535	0.011
2550	0.011
2565	0.011
2580	0.015
2595	0.01
2610	0.01
2625	0.009
2640	0.009
2655	0.009
2670	0.009
2685	0.009
2700	0.011
2715	0.014
2730	0.011
2745	0.011
2760	0.01
2775	0.01
2790	0.009
2805	0.009
2820	0.01
2835	0.009
2850	0.017
2865	0.014
2880	0.01
2895	0.009
2910	0.01
2925	0.018
2940	0.013
2955	0.01
2970	0.009
2985	0.009
3000	0.011
3015	0.011
3030	0.009
3045	0.009
3060	0.009
3075	0.009
3090	0.009
3105	0.009
3120	0.009

Appendix A - Community Air Monitoring Program Data
Downwind Particulate Monitoring
11/5/2019

3135	0.009
3150	0.013
3165	0.014
3180	0.014
3195	0.009
3210	0.009
3225	0.009
3240	0.009
3255	0.009
3270	0.009
3285	0.009
3300	0.009
3315	0.009
3330	0.043
3345	0.017
3360	0.01
3375	0.01
3390	0.01
3405	0.048
3420	0.03
3435	0.08
3450	0.046
3465	0.013
3480	0.01
3495	0.009
3510	0.009
3525	0.016
3540	0.067
3555	0.122
3570	0.048
3585	0.022
3600	0.016
3615	0.016
3630	0.018
3645	0.013
3660	0.013
3675	0.016
3690	0.015
3705	0.031
3720	0.055
3735	0.021
3750	0.012
3765	0.012
3780	0.01
3795	0.01
3810	0.015
3825	0.024
3840	0.026
3855	0.035
3870	0.051
3885	0.046
3900	0.022
3915	0.018
3930	0.016
3945	0.014
3960	0.012
3975	0.009
3990	0.009
4005	0.009
4020	0.009
4035	0.01
4050	0.009

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

Instrument Name	8530
Model Number	8530134905
Serial Number	3.7
Firmware Version	10/28/2014
Calibration Date	7/23/2019
Test Name	WEDNESDAY_003
Test Start Time	8:53:41 AM
Test Start Date	11/6/2019
Test Length [D:H:M]	0:07:19
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.005
Mass Minimum [mg/m3]	0.001
Mass Maximum [mg/m3]	0.131
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1758

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.048		
30	0.022		
45	0.018		
60	0.016		
75	0.018		
90	0.015		
105	0.015		
120	0.013		
135	0.013		
150	0.013		
165	0.012		
180	0.012		
195	0.012		
210	0.012		
225	0.011		
240	0.01		
255	0.01		
270	0.01		
285	0.01		
300	0.009		
315	0.009		
330	0.009		
345	0.009		
360	0.009		
375	0.008		
390	0.008		
405	0.008		
420	0.008		
435	0.007		
450	0.007		
465	0.007		
480	0.007		
495	0.007		
510	0.007		
525	0.007		
540	0.007		
555	0.006		
570	0.007		
585	0.006		
600	0.006		
615	0.006		
630	0.006		
645	0.006		
660	0.006		
675	0.006		
690	0.005		
705	0.006		
720	0.006		
735	0.005		
750	0.005		
765	0.005		
780	0.006		
795	0.005		
810	0.005		
825	0.005		
840	0.005		

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

855	0.005
870	0.005
885	0.005
900	0.005
915	0.005
930	0.005
945	0.007
960	0.006
975	0.006
990	0.005
1005	0.005
1020	0.005
1035	0.005
1050	0.005
1065	0.006
1080	0.006
1095	0.005
1110	0.006
1125	0.006
1140	0.006
1155	0.006
1170	0.006
1185	0.006
1200	0.006
1215	0.006
1230	0.006
1245	0.006
1260	0.006
1275	0.006
1290	0.006
1305	0.006
1320	0.006
1335	0.006
1350	0.006
1365	0.006
1380	0.006
1395	0.006
1410	0.006
1425	0.006
1440	0.006
1455	0.006
1470	0.006
1485	0.005
1500	0.005
1515	0.005
1530	0.005
1545	0.005
1560	0.005
1575	0.005
1590	0.005
1605	0.005
1620	0.005
1635	0.005
1650	0.005
1665	0.005
1680	0.005
1695	0.005
1710	0.005
1725	0.005
1740	0.005
1755	0.005
1770	0.004
1785	0.005
1800	0.005
1815	0.005
1830	0.005
1845	0.004
1860	0.004
1875	0.004
1890	0.004
1905	0.004
1920	0.004
1935	0.004
1950	0.004
1965	0.004
1980	0.004

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

1995	0.004
2010	0.004
2025	0.004
2040	0.005
2055	0.004
2070	0.004
2085	0.004
2100	0.004
2115	0.004
2130	0.004
2145	0.004
2160	0.004
2175	0.004
2190	0.004
2205	0.004
2220	0.004
2235	0.004
2250	0.004
2265	0.004
2280	0.004
2295	0.004
2310	0.004
2325	0.005
2340	0.005
2355	0.004
2370	0.005
2385	0.005
2400	0.005
2415	0.005
2430	0.005
2445	0.005
2460	0.131
2475	0.017
2490	0.013
2505	0.011
2520	0.01
2535	0.009
2550	0.009
2565	0.011
2580	0.014
2595	0.011
2610	0.01
2625	0.009
2640	0.01
2655	0.01
2670	0.01
2685	0.009
2700	0.011
2715	0.016
2730	0.017
2745	0.02
2760	0.016
2775	0.015
2790	0.015
2805	0.013
2820	0.01
2835	0.01
2850	0.014
2865	0.012
2880	0.012
2895	0.012
2910	0.011
2925	0.011
2940	0.011
2955	0.012
2970	0.014
2985	0.015
3000	0.015
3015	0.015
3030	0.014
3045	0.013
3060	0.01
3075	0.011
3090	0.012
3105	0.011
3120	0.012

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

3135	0.011
3150	0.011
3165	0.011
3180	0.011
3195	0.011
3210	0.011
3225	0.01
3240	0.01
3255	0.01
3270	0.01
3285	0.01
3300	0.009
3315	0.008
3330	0.009
3345	0.008
3360	0.009
3375	0.009
3390	0.008
3405	0.009
3420	0.009
3435	0.009
3450	0.008
3465	0.01
3480	0.01
3495	0.009
3510	0.009
3525	0.009
3540	0.009
3555	0.009
3570	0.009
3585	0.01
3600	0.011
3615	0.009
3630	0.009
3645	0.009
3660	0.01
3675	0.01
3690	0.009
3705	0.009
3720	0.008
3735	0.009
3750	0.009
3765	0.008
3780	0.008
3795	0.008
3810	0.008
3825	0.008
3840	0.008
3855	0.009
3870	0.008
3885	0.009
3900	0.008
3915	0.008
3930	0.008
3945	0.008
3960	0.009
3975	0.009
3990	0.009
4005	0.014
4020	0.017
4035	0.012
4050	0.015
4065	0.012
4080	0.012
4095	0.012
4110	0.012
4125	0.01
4140	0.011
4155	0.012
4170	0.013
4185	0.013
4200	0.008
4215	0.008
4230	0.008
4245	0.008
4260	0.008

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

4275	0.008
4290	0.008
4305	0.008
4320	0.008
4335	0.008
4350	0.008
4365	0.008
4380	0.008
4395	0.008
4410	0.008
4425	0.008
4440	0.009
4455	0.009
4470	0.009
4485	0.009
4500	0.009
4515	0.009
4530	0.009
4545	0.01
4560	0.009
4575	0.009
4590	0.009
4605	0.008
4620	0.008
4635	0.008
4650	0.008
4665	0.008
4680	0.009
4695	0.011
4710	0.01
4725	0.008
4740	0.008
4755	0.008
4770	0.008
4785	0.008
4800	0.008
4815	0.008
4830	0.008
4845	0.008
4860	0.009
4875	0.008
4890	0.009
4905	0.009
4920	0.009
4935	0.009
4950	0.008
4965	0.008
4980	0.008
4995	0.008
5010	0.009
5025	0.008
5040	0.02
5055	0.023
5070	0.01
5085	0.008
5100	0.008
5115	0.008
5130	0.009
5145	0.008
5160	0.008
5175	0.008
5190	0.008
5205	0.04
5220	0.046
5235	0.037
5250	0.031
5265	0.025
5280	0.016
5295	0.01
5310	0.019
5325	0.011
5340	0.009
5355	0.011
5370	0.009
5385	0.008
5400	0.008

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

5415	0.008
5430	0.008
5445	0.008
5460	0.008
5475	0.008
5490	0.008
5505	0.008
5520	0.008
5535	0.008
5550	0.008
5565	0.008
5580	0.008
5595	0.008
5610	0.008
5625	0.008
5640	0.008
5655	0.008
5670	0.01
5685	0.01
5700	0.01
5715	0.01
5730	0.01
5745	0.009
5760	0.008
5775	0.009
5790	0.008
5805	0.009
5820	0.009
5835	0.008
5850	0.009
5865	0.009
5880	0.008
5895	0.009
5910	0.008
5925	0.008
5940	0.008
5955	0.008
5970	0.008
5985	0.008
6000	0.008
6015	0.008
6030	0.008
6045	0.009
6060	0.008
6075	0.008
6090	0.008
6105	0.008
6120	0.008
6135	0.008
6150	0.008
6165	0.008
6180	0.008
6195	0.008
6210	0.008
6225	0.008
6240	0.008
6255	0.008
6270	0.008
6285	0.008
6300	0.008
6315	0.008
6330	0.008
6345	0.008
6360	0.008
6375	0.008
6390	0.008
6405	0.008
6420	0.008
6435	0.008
6450	0.008
6465	0.008
6480	0.008
6495	0.008
6510	0.008
6525	0.008
6540	0.008

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

6555	0.008
6570	0.008
6585	0.007
6600	0.007
6615	0.008
6630	0.008
6645	0.007
6660	0.007
6675	0.007
6690	0.01
6705	0.01
6720	0.009
6735	0.008
6750	0.007
6765	0.007
6780	0.007
6795	0.007
6810	0.006
6825	0.006
6840	0.007
6855	0.007
6870	0.007
6885	0.007
6900	0.007
6915	0.006
6930	0.006
6945	0.006
6960	0.007
6975	0.007
6990	0.008
7005	0.007
7020	0.008
7035	0.011
7050	0.008
7065	0.006
7080	0.007
7095	0.007
7110	0.007
7125	0.008
7140	0.008
7155	0.006
7170	0.007
7185	0.007
7200	0.007
7215	0.007
7230	0.006
7245	0.007
7260	0.007
7275	0.006
7290	0.007
7305	0.006
7320	0.006
7335	0.006
7350	0.006
7365	0.006
7380	0.006
7395	0.006
7410	0.006
7425	0.005
7440	0.006
7455	0.005
7470	0.005
7485	0.005
7500	0.005
7515	0.005
7530	0.005
7545	0.005
7560	0.005
7575	0.006
7590	0.007
7605	0.005
7620	0.005
7635	0.01
7650	0.009
7665	0.008
7680	0.006

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

7695	0.007
7710	0.006
7725	0.006
7740	0.005
7755	0.005
7770	0.006
7785	0.005
7800	0.005
7815	0.005
7830	0.005
7845	0.005
7860	0.005
7875	0.005
7890	0.005
7905	0.01
7920	0.006
7935	0.01
7950	0.007
7965	0.006
7980	0.005
7995	0.005
8010	0.006
8025	0.005
8040	0.005
8055	0.007
8070	0.006
8085	0.007
8100	0.007
8115	0.007
8130	0.005
8145	0.005
8160	0.005
8175	0.005
8190	0.004
8205	0.004
8220	0.004
8235	0.004
8250	0.005
8265	0.004
8280	0.004
8295	0.004
8310	0.004
8325	0.004
8340	0.005
8355	0.005
8370	0.006
8385	0.004
8400	0.004
8415	0.004
8430	0.003
8445	0.004
8460	0.003
8475	0.003
8490	0.003
8505	0.004
8520	0.004
8535	0.003
8550	0.003
8565	0.003
8580	0.003
8595	0.003
8610	0.003
8625	0.004
8640	0.003
8655	0.004
8670	0.003
8685	0.003
8700	0.003
8715	0.003
8730	0.003
8745	0.004
8760	0.006
8775	0.005
8790	0.009
8805	0.009
8820	0.005

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

8835	0.003
8850	0.005
8865	0.004
8880	0.003
8895	0.003
8910	0.004
8925	0.004
8940	0.004
8955	0.004
8970	0.004
8985	0.004
9000	0.004
9015	0.004
9030	0.004
9045	0.004
9060	0.004
9075	0.004
9090	0.004
9105	0.004
9120	0.004
9135	0.004
9150	0.004
9165	0.004
9180	0.006
9195	0.008
9210	0.005
9225	0.003
9240	0.003
9255	0.003
9270	0.003
9285	0.004
9300	0.004
9315	0.004
9330	0.003
9345	0.003
9360	0.003
9375	0.003
9390	0.049
9405	0.003
9420	0.003
9435	0.003
9450	0.005
9465	0.003
9480	0.003
9495	0.003
9510	0.004
9525	0.007
9540	0.011
9555	0.006
9570	0.013
9585	0.004
9600	0.003
9615	0.005
9630	0.003
9645	0.003
9660	0.005
9675	0.004
9690	0.003
9705	0.004
9720	0.005
9735	0.004
9750	0.004
9765	0.003
9780	0.004
9795	0.004
9810	0.003
9825	0.003
9840	0.003
9855	0.003
9870	0.003
9885	0.003
9900	0.003
9915	0.003
9930	0.002
9945	0.002
9960	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

9975	0.002
9990	0.002
10005	0.003
10020	0.003
10035	0.003
10050	0.002
10065	0.002
10080	0.002
10095	0.003
10110	0.002
10125	0.002
10140	0.003
10155	0.004
10170	0.003
10185	0.003
10200	0.002
10215	0.002
10230	0.002
10245	0.002
10260	0.002
10275	0.002
10290	0.002
10305	0.002
10320	0.002
10335	0.002
10350	0.003
10365	0.003
10380	0.003
10395	0.002
10410	0.003
10425	0.002
10440	0.002
10455	0.002
10470	0.002
10485	0.002
10500	0.002
10515	0.002
10530	0.002
10545	0.002
10560	0.002
10575	0.002
10590	0.002
10605	0.002
10620	0.002
10635	0.002
10650	0.003
10665	0.002
10680	0.006
10695	0.008
10710	0.005
10725	0.004
10740	0.003
10755	0.002
10770	0.002
10785	0.003
10800	0.003
10815	0.003
10830	0.003
10845	0.002
10860	0.002
10875	0.002
10890	0.002
10905	0.002
10920	0.002
10935	0.001
10950	0.002
10965	0.003
10980	0.003
10995	0.003
11010	0.002
11025	0.002
11040	0.002
11055	0.002
11070	0.002
11085	0.002
11100	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

11115	0.002
11130	0.002
11145	0.003
11160	0.002
11175	0.009
11190	0.005
11205	0.002
11220	0.002
11235	0.003
11250	0.003
11265	0.002
11280	0.002
11295	0.002
11310	0.001
11325	0.001
11340	0.001
11355	0.001
11370	0.001
11385	0.002
11400	0.002
11415	0.001
11430	0.002
11445	0.001
11460	0.002
11475	0.003
11490	0.001
11505	0.001
11520	0.001
11535	0.001
11550	0.001
11565	0.001
11580	0.001
11595	0.001
11610	0.001
11625	0.001
11640	0.001
11655	0.001
11670	0.001
11685	0.001
11700	0.001
11715	0.001
11730	0.001
11745	0.005
11760	0.002
11775	0.001
11790	0.002
11805	0.002
11820	0.003
11835	0.002
11850	0.002
11865	0.001
11880	0.002
11895	0.004
11910	0.003
11925	0.001
11940	0.001
11955	0.001
11970	0.001
11985	0.001
12000	0.001
12015	0.001
12030	0.001
12045	0.001
12060	0.001
12075	0.001
12090	0.001
12105	0.001
12120	0.003
12135	0.003
12150	0.003
12165	0.005
12180	0.004
12195	0.004
12210	0.004
12225	0.002
12240	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

12255	0.001
12270	0.001
12285	0.001
12300	0.001
12315	0.001
12330	0.001
12345	0.001
12360	0.001
12375	0.001
12390	0.002
12405	0.001
12420	0.001
12435	0.001
12450	0.002
12465	0.002
12480	0.002
12495	0.002
12510	0.002
12525	0.001
12540	0.001
12555	0.002
12570	0.001
12585	0.001
12600	0.001
12615	0.001
12630	0.001
12645	0.001
12660	0.001
12675	0.001
12690	0.001
12705	0.001
12720	0.001
12735	0.001
12750	0.001
12765	0.001
12780	0.001
12795	0.002
12810	0.003
12825	0.002
12840	0.004
12855	0.016
12870	0.005
12885	0.003
12900	0.008
12915	0.004
12930	0.002
12945	0.001
12960	0.003
12975	0.004
12990	0.007
13005	0.002
13020	0.002
13035	0.002
13050	0.003
13065	0.003
13080	0.002
13095	0.002
13110	0.002
13125	0.002
13140	0.003
13155	0.003
13170	0.002
13185	0.001
13200	0.002
13215	0.002
13230	0.002
13245	0.002
13260	0.003
13275	0.002
13290	0.002
13305	0.003
13320	0.003
13335	0.002
13350	0.002
13365	0.003
13380	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

13395	0.002
13410	0.003
13425	0.003
13440	0.003
13455	0.002
13470	0.002
13485	0.003
13500	0.003
13515	0.002
13530	0.003
13545	0.002
13560	0.002
13575	0.002
13590	0.002
13605	0.002
13620	0.002
13635	0.002
13650	0.002
13665	0.002
13680	0.002
13695	0.002
13710	0.002
13725	0.002
13740	0.002
13755	0.002
13770	0.002
13785	0.002
13800	0.002
13815	0.002
13830	0.002
13845	0.002
13860	0.002
13875	0.002
13890	0.002
13905	0.003
13920	0.003
13935	0.003
13950	0.002
13965	0.003
13980	0.002
13995	0.002
14010	0.002
14025	0.002
14040	0.002
14055	0.002
14070	0.003
14085	0.003
14100	0.003
14115	0.005
14130	0.003
14145	0.002
14160	0.002
14175	0.003
14190	0.002
14205	0.002
14220	0.002
14235	0.002
14250	0.002
14265	0.002
14280	0.002
14295	0.003
14310	0.003
14325	0.003
14340	0.002
14355	0.002
14370	0.002
14385	0.002
14400	0.002
14415	0.002
14430	0.002
14445	0.002
14460	0.002
14475	0.004
14490	0.002
14505	0.002
14520	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

14535	0.002
14550	0.002
14565	0.002
14580	0.002
14595	0.003
14610	0.002
14625	0.002
14640	0.002
14655	0.002
14670	0.002
14685	0.002
14700	0.002
14715	0.002
14730	0.002
14745	0.003
14760	0.002
14775	0.002
14790	0.003
14805	0.003
14820	0.003
14835	0.003
14850	0.002
14865	0.002
14880	0.002
14895	0.002
14910	0.002
14925	0.003
14940	0.003
14955	0.003
14970	0.002
14985	0.002
15000	0.002
15015	0.003
15030	0.003
15045	0.003
15060	0.003
15075	0.002
15090	0.002
15105	0.003
15120	0.002
15135	0.003
15150	0.003
15165	0.002
15180	0.003
15195	0.002
15210	0.002
15225	0.002
15240	0.002
15255	0.002
15270	0.002
15285	0.003
15300	0.002
15315	0.002
15330	0.002
15345	0.002
15360	0.001
15375	0.002
15390	0.002
15405	0.002
15420	0.002
15435	0.002
15450	0.002
15465	0.002
15480	0.002
15495	0.002
15510	0.002
15525	0.002
15540	0.001
15555	0.001
15570	0.001
15585	0.002
15600	0.002
15615	0.002
15630	0.002
15645	0.003
15660	0.003

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

15675	0.003
15690	0.002
15705	0.018
15720	0.002
15735	0.002
15750	0.003
15765	0.002
15780	0.002
15795	0.002
15810	0.002
15825	0.002
15840	0.002
15855	0.002
15870	0.002
15885	0.002
15900	0.002
15915	0.002
15930	0.002
15945	0.003
15960	0.002
15975	0.002
15990	0.001
16005	0.002
16020	0.002
16035	0.002
16050	0.002
16065	0.002
16080	0.002
16095	0.002
16110	0.001
16125	0.001
16140	0.001
16155	0.002
16170	0.002
16185	0.002
16200	0.002
16215	0.002
16230	0.002
16245	0.002
16260	0.002
16275	0.002
16290	0.001
16305	0.002
16320	0.002
16335	0.002
16350	0.004
16365	0.002
16380	0.002
16395	0.001
16410	0.001
16425	0.002
16440	0.002
16455	0.001
16470	0.002
16485	0.002
16500	0.002
16515	0.002
16530	0.002
16545	0.002
16560	0.002
16575	0.002
16590	0.002
16605	0.001
16620	0.002
16635	0.002
16650	0.002
16665	0.002
16680	0.002
16695	0.001
16710	0.001
16725	0.002
16740	0.002
16755	0.004
16770	0.002
16785	0.002
16800	0.002

Appendix A - Community Air Monitoring Program Data
Downwindwind Particulate Monitoring
11/6/2019

16815	0.002
16830	0.002
16845	0.002
16860	0.002
16875	0.002
16890	0.002
16905	0.001
16920	0.002
16935	0.002
16950	0.001
16965	0.002
16980	0.002
16995	0.002
17010	0.001
17025	0.001
17040	0.002
17055	0.002
17070	0.001
17085	0.002
17100	0.001
17115	0.001
17130	0.002
17145	0.002
17160	0.002
17175	0.002
17190	0.002
17205	0.002
17220	0.002
17235	0.002
17250	0.002
17265	0.003
17280	0.002
17295	0.004
17310	0.005
17325	0.002
17340	0.005
17355	0.011
17370	0.007
17385	0.006
17400	0.009
17415	0.006
17430	0.005
17445	0.007
17460	0.006
17475	0.005
17490	0.007
17505	0.007
17520	0.004
17535	0.007
17550	0.008
17565	0.009
17580	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530134905
Firmware Version	1/3/1900
Calibration Date	10/28/2014
Test Name	THURSDAY_004
Test Start Time	8:48:11 AM
Test Start Date	11/7/2019
Test Length [D:H:M]	0:05:19
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.011
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.092
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1278

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
15	0.014		
30	0.014		
45	0.014		
60	0.014		
75	0.013		
90	0.014		
105	0.013		
120	0.015		
135	0.014		
150	0.013		
165	0.014		
180	0.016		
195	0.014		
210	0.013		
225	0.018		
240	0.021		
255	0.015		
270	0.021		
285	0.012		
300	0.013		
315	0.017		
330	0.014		
345	0.015		
360	0.016		
375	0.014		
390	0.015		
405	0.015		
420	0.015		
435	0.016		
450	0.015		
465	0.015		
480	0.015		
495	0.016		
510	0.014		
525	0.013		
540	0.015		
555	0.092		
570	0.013		
585	0.012		
600	0.014		
615	0.013		
630	0.013		
645	0.011		
660	0.013		
675	0.012		
690	0.01		
705	0.01		
720	0.011		
735	0.011		
750	0.011		
765	0.01		
780	0.011		
795	0.011		
810	0.011		
825	0.011		
840	0.011		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

855	0.012
870	0.012
885	0.014
900	0.016
915	0.015
930	0.015
945	0.014
960	0.016
975	0.014
990	0.015
1005	0.014
1020	0.017
1035	0.013
1050	0.013
1065	0.013
1080	0.013
1095	0.014
1110	0.015
1125	0.012
1140	0.011
1155	0.012
1170	0.014
1185	0.014
1200	0.014
1215	0.014
1230	0.016
1245	0.015
1260	0.015
1275	0.015
1290	0.015
1305	0.015
1320	0.014
1335	0.014
1350	0.015
1365	0.015
1380	0.021
1395	0.041
1410	0.014
1425	0.013
1440	0.014
1455	0.016
1470	0.014
1485	0.012
1500	0.012
1515	0.013
1530	0.014
1545	0.014
1560	0.013
1575	0.014
1590	0.014
1605	0.015
1620	0.032
1635	0.015
1650	0.017
1665	0.021
1680	0.036
1695	0.019
1710	0.018
1725	0.02
1740	0.016
1755	0.017
1770	0.025
1785	0.014
1800	0.015
1815	0.016
1830	0.018
1845	0.018
1860	0.017
1875	0.017
1890	0.017
1905	0.016
1920	0.016
1935	0.015
1950	0.015
1965	0.015
1980	0.016

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

1995	0.015
2010	0.014
2025	0.015
2040	0.014
2055	0.016
2070	0.017
2085	0.017
2100	0.017
2115	0.017
2130	0.015
2145	0.013
2160	0.015
2175	0.019
2190	0.02
2205	0.019
2220	0.015
2235	0.015
2250	0.015
2265	0.016
2280	0.016
2295	0.016
2310	0.018
2325	0.023
2340	0.019
2355	0.019
2370	0.02
2385	0.022
2400	0.022
2415	0.024
2430	0.024
2445	0.024
2460	0.019
2475	0.022
2490	0.023
2505	0.019
2520	0.02
2535	0.019
2550	0.02
2565	0.019
2580	0.02
2595	0.021
2610	0.021
2625	0.022
2640	0.021
2655	0.021
2670	0.021
2685	0.019
2700	0.019
2715	0.018
2730	0.017
2745	0.016
2760	0.016
2775	0.015
2790	0.015
2805	0.014
2820	0.015
2835	0.015
2850	0.015
2865	0.016
2880	0.016
2895	0.016
2910	0.016
2925	0.016
2940	0.016
2955	0.016
2970	0.016
2985	0.016
3000	0.017
3015	0.017
3030	0.017
3045	0.017
3060	0.016
3075	0.017
3090	0.017
3105	0.02
3120	0.018

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

3135	0.017
3150	0.017
3165	0.017
3180	0.016
3195	0.017
3210	0.017
3225	0.017
3240	0.017
3255	0.017
3270	0.016
3285	0.016
3300	0.016
3315	0.016
3330	0.015
3345	0.015
3360	0.015
3375	0.014
3390	0.014
3405	0.014
3420	0.014
3435	0.014
3450	0.015
3465	0.017
3480	0.02
3495	0.018
3510	0.017
3525	0.015
3540	0.015
3555	0.015
3570	0.015
3585	0.014
3600	0.013
3615	0.013
3630	0.012
3645	0.012
3660	0.012
3675	0.013
3690	0.013
3705	0.013
3720	0.013
3735	0.013
3750	0.013
3765	0.013
3780	0.013
3795	0.013
3810	0.015
3825	0.013
3840	0.013
3855	0.013
3870	0.014
3885	0.015
3900	0.015
3915	0.015
3930	0.014
3945	0.015
3960	0.015
3975	0.014
3990	0.013
4005	0.013
4020	0.012
4035	0.013
4050	0.012
4065	0.013
4080	0.012
4095	0.012
4110	0.012
4125	0.013
4140	0.013
4155	0.013
4170	0.013
4185	0.013
4200	0.012
4215	0.013
4230	0.013
4245	0.013
4260	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

4275	0.013
4290	0.013
4305	0.013
4320	0.013
4335	0.013
4350	0.014
4365	0.013
4380	0.014
4395	0.013
4410	0.014
4425	0.014
4440	0.014
4455	0.013
4470	0.013
4485	0.013
4500	0.013
4515	0.013
4530	0.013
4545	0.013
4560	0.014
4575	0.014
4590	0.014
4605	0.014
4620	0.013
4635	0.013
4650	0.014
4665	0.013
4680	0.013
4695	0.013
4710	0.013
4725	0.013
4740	0.013
4755	0.013
4770	0.013
4785	0.013
4800	0.013
4815	0.013
4830	0.013
4845	0.013
4860	0.013
4875	0.013
4890	0.013
4905	0.013
4920	0.013
4935	0.013
4950	0.013
4965	0.013
4980	0.013
4995	0.013
5010	0.013
5025	0.013
5040	0.013
5055	0.013
5070	0.013
5085	0.013
5100	0.013
5115	0.013
5130	0.013
5145	0.013
5160	0.01
5175	0.009
5190	0.009
5205	0.009
5220	0.008
5235	0.009
5250	0.009
5265	0.008
5280	0.008
5295	0.008
5310	0.008
5325	0.008
5340	0.008
5355	0.008
5370	0.008
5385	0.008
5400	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

5415	0.008
5430	0.009
5445	0.009
5460	0.009
5475	0.01
5490	0.01
5505	0.012
5520	0.012
5535	0.015
5550	0.014
5565	0.013
5580	0.011
5595	0.018
5610	0.014
5625	0.012
5640	0.012
5655	0.012
5670	0.01
5685	0.014
5700	0.012
5715	0.01
5730	0.012
5745	0.01
5760	0.01
5775	0.011
5790	0.01
5805	0.01
5820	0.009
5835	0.01
5850	0.01
5865	0.009
5880	0.009
5895	0.009
5910	0.01
5925	0.01
5940	0.01
5955	0.01
5970	0.01
5985	0.01
6000	0.009
6015	0.009
6030	0.009
6045	0.009
6060	0.008
6075	0.009
6090	0.01
6105	0.016
6120	0.013
6135	0.01
6150	0.009
6165	0.01
6180	0.011
6195	0.009
6210	0.009
6225	0.008
6240	0.008
6255	0.008
6270	0.007
6285	0.008
6300	0.008
6315	0.009
6330	0.009
6345	0.008
6360	0.008
6375	0.008
6390	0.007
6405	0.008
6420	0.007
6435	0.007
6450	0.007
6465	0.007
6480	0.007
6495	0.007
6510	0.007
6525	0.009
6540	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

6555	0.008
6570	0.009
6585	0.02
6600	0.01
6615	0.019
6630	0.021
6645	0.013
6660	0.008
6675	0.007
6690	0.007
6705	0.022
6720	0.015
6735	0.006
6750	0.007
6765	0.007
6780	0.007
6795	0.007
6810	0.007
6825	0.007
6840	0.007
6855	0.007
6870	0.006
6885	0.007
6900	0.009
6915	0.007
6930	0.007
6945	0.007
6960	0.007
6975	0.012
6990	0.009
7005	0.007
7020	0.006
7035	0.007
7050	0.007
7065	0.008
7080	0.006
7095	0.006
7110	0.008
7125	0.006
7140	0.006
7155	0.007
7170	0.006
7185	0.006
7200	0.006
7215	0.006
7230	0.007
7245	0.006
7260	0.007
7275	0.006
7290	0.006
7305	0.007
7320	0.007
7335	0.008
7350	0.006
7365	0.006
7380	0.006
7395	0.006
7410	0.006
7425	0.007
7440	0.007
7455	0.007
7470	0.008
7485	0.007
7500	0.007
7515	0.009
7530	0.008
7545	0.007
7560	0.008
7575	0.007
7590	0.007
7605	0.007
7620	0.008
7635	0.008
7650	0.008
7665	0.008
7680	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

7695	0.011
7710	0.009
7725	0.009
7740	0.012
7755	0.01
7770	0.015
7785	0.01
7800	0.01
7815	0.01
7830	0.011
7845	0.01
7860	0.011
7875	0.009
7890	0.01
7905	0.009
7920	0.009
7935	0.009
7950	0.008
7965	0.01
7980	0.011
7995	0.015
8010	0.014
8025	0.009
8040	0.009
8055	0.009
8070	0.009
8085	0.009
8100	0.011
8115	0.009
8130	0.009
8145	0.008
8160	0.009
8175	0.008
8190	0.008
8205	0.008
8220	0.008
8235	0.009
8250	0.009
8265	0.009
8280	0.009
8295	0.01
8310	0.01
8325	0.01
8340	0.01
8355	0.009
8370	0.008
8385	0.009
8400	0.009
8415	0.008
8430	0.008
8445	0.009
8460	0.009
8475	0.008
8490	0.009
8505	0.01
8520	0.031
8535	0.021
8550	0.015
8565	0.011
8580	0.01
8595	0.008
8610	0.009
8625	0.01
8640	0.012
8655	0.011
8670	0.009
8685	0.009
8700	0.01
8715	0.012
8730	0.009
8745	0.008
8760	0.008
8775	0.008
8790	0.009
8805	0.017
8820	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

8835	0.008
8850	0.009
8865	0.008
8880	0.01
8895	0.014
8910	0.012
8925	0.01
8940	0.011
8955	0.009
8970	0.009
8985	0.008
9000	0.013
9015	0.009
9030	0.008
9045	0.007
9060	0.007
9075	0.007
9090	0.007
9105	0.007
9120	0.007
9135	0.007
9150	0.007
9165	0.007
9180	0.006
9195	0.006
9210	0.006
9225	0.006
9240	0.008
9255	0.008
9270	0.007
9285	0.006
9300	0.007
9315	0.02
9330	0.006
9345	0.007
9360	0.006
9375	0.006
9390	0.005
9405	0.007
9420	0.007
9435	0.006
9450	0.006
9465	0.007
9480	0.01
9495	0.008
9510	0.006
9525	0.006
9540	0.006
9555	0.006
9570	0.006
9585	0.007
9600	0.008
9615	0.006
9630	0.006
9645	0.006
9660	0.006
9675	0.006
9690	0.007
9705	0.006
9720	0.007
9735	0.007
9750	0.006
9765	0.006
9780	0.006
9795	0.007
9810	0.008
9825	0.006
9840	0.006
9855	0.006
9870	0.006
9885	0.006
9900	0.006
9915	0.006
9930	0.007
9945	0.006
9960	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

9975	0.006
9990	0.006
10005	0.006
10020	0.006
10035	0.006
10050	0.006
10065	0.007
10080	0.008
10095	0.007
10110	0.007
10125	0.007
10140	0.011
10155	0.01
10170	0.006
10185	0.006
10200	0.006
10215	0.006
10230	0.006
10245	0.006
10260	0.006
10275	0.007
10290	0.007
10305	0.007
10320	0.007
10335	0.007
10350	0.007
10365	0.006
10380	0.006
10395	0.007
10410	0.007
10425	0.007
10440	0.007
10455	0.007
10470	0.008
10485	0.008
10500	0.011
10515	0.006
10530	0.007
10545	0.007
10560	0.007
10575	0.007
10590	0.007
10605	0.007
10620	0.007
10635	0.007
10650	0.007
10665	0.008
10680	0.008
10695	0.008
10710	0.007
10725	0.007
10740	0.007
10755	0.007
10770	0.007
10785	0.007
10800	0.007
10815	0.007
10830	0.007
10845	0.007
10860	0.007
10875	0.007
10890	0.007
10905	0.007
10920	0.007
10935	0.007
10950	0.007
10965	0.007
10980	0.007
10995	0.007
11010	0.007
11025	0.007
11040	0.007
11055	0.007
11070	0.007
11085	0.007
11100	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

11115	0.007
11130	0.007
11145	0.007
11160	0.007
11175	0.007
11190	0.007
11205	0.007
11220	0.007
11235	0.007
11250	0.007
11265	0.007
11280	0.007
11295	0.007
11310	0.007
11325	0.007
11340	0.007
11355	0.007
11370	0.007
11385	0.007
11400	0.007
11415	0.007
11430	0.007
11445	0.007
11460	0.007
11475	0.007
11490	0.007
11505	0.008
11520	0.008
11535	0.008
11550	0.008
11565	0.008
11580	0.008
11595	0.008
11610	0.008
11625	0.007
11640	0.007
11655	0.007
11670	0.008
11685	0.008
11700	0.008
11715	0.008
11730	0.008
11745	0.008
11760	0.008
11775	0.008
11790	0.008
11805	0.007
11820	0.008
11835	0.008
11850	0.008
11865	0.008
11880	0.008
11895	0.008
11910	0.008
11925	0.008
11940	0.007
11955	0.007
11970	0.007
11985	0.007
12000	0.007
12015	0.007
12030	0.007
12045	0.007
12060	0.007
12075	0.007
12090	0.007
12105	0.007
12120	0.007
12135	0.007
12150	0.007
12165	0.007
12180	0.007
12195	0.007
12210	0.008
12225	0.007
12240	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

12255	0.007
12270	0.007
12285	0.006
12300	0.007
12315	0.007
12330	0.007
12345	0.007
12360	0.007
12375	0.007
12390	0.007
12405	0.007
12420	0.007
12435	0.006
12450	0.007
12465	0.007
12480	0.007
12495	0.007
12510	0.007
12525	0.007
12540	0.007
12555	0.007
12570	0.007
12585	0.007
12600	0.007
12615	0.007
12630	0.006
12645	0.007
12660	0.007
12675	0.007
12690	0.007
12705	0.006
12720	0.007
12735	0.007
12750	0.007
12765	0.007
12780	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113808
Firmware Version	3.9
Calibration Date	10/8/2019
Test Name	UW_110419_001
Test Start Time	2:15:06 PM
Test Start Date	11/4/2019
Test Length [D:H:M]	0:02:37
Test Interval [M:S]	0:01
Mass Average [mg/m3]	0.006
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.11
Mass TWA [mg/m3]	0.002
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	9440

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
1	0.016		
2	0.01		
3	0.007		
4	0.006		
5	0.005		
6	0.005		
7	0.02		
8	0.043		
9	0.005		
10	0.005		
11	0.005		
12	0.005		
13	0.005		
14	0.005		
15	0.005		
16	0.005		
17	0.004		
18	0.005		
19	0.005		
20	0.005		
21	0.006		
22	0.006		
23	0.006		
24	0.006		
25	0.006		
26	0.006		
27	0.005		
28	0.004		
29	0.005		
30	0.005		
31	0.005		
32	0.005		
33	0.005		
34	0.005		
35	0.005		
36	0.005		
37	0.005		
38	0.005		
39	0.005		
40	0.005		
41	0.005		
42	0.005		
43	0.005		
44	0.004		
45	0.004		
46	0.005		
47	0.005		
48	0.005		
49	0.005		
50	0.005		
51	0.006		
52	0.005		
53	0.005		
54	0.005		
55	0.005		
56	0.005		
57	0.005		
58	0.006		
59	0.005		
60	0.006		
61	0.005		
62	0.005		
63	0.005		
64	0.005		
65	0.005		
66	0.005		
67	0.006		
68	0.006		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

69	0.007
70	0.007
71	0.007
72	0.005
73	0.005
74	0.006
75	0.007
76	0.005
77	0.004
78	0.005
79	0.005
80	0.005
81	0.005
82	0.006
83	0.005
84	0.005
85	0.005
86	0.005
87	0.004
88	0.005
89	0.005
90	0.004
91	0.005
92	0.005
93	0.008
94	0.01
95	0.008
96	0.005
97	0.005
98	0.005
99	0.005
100	0.006
101	0.006
102	0.005
103	0.005
104	0.005
105	0.005
106	0.004
107	0.005
108	0.005
109	0.005
110	0.006
111	0.005
112	0.006
113	0.007
114	0.005
115	0.005
116	0.005
117	0.005
118	0.005
119	0.006
120	0.008
121	0.008
122	0.006
123	0.006
124	0.005
125	0.005
126	0.005
127	0.006
128	0.005
129	0.006
130	0.006
131	0.005
132	0.005
133	0.005
134	0.005
135	0.005
136	0.005
137	0.005
138	0.005
139	0.005
140	0.017
141	0.027
142	0.021
143	0.013
144	0.008
145	0.013
146	0.014
147	0.008
148	0.009
149	0.007
150	0.013
151	0.017
152	0.009
153	0.013
154	0.012
155	0.007
156	0.006
157	0.006
158	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

159	0.004
160	0.005
161	0.006
162	0.005
163	0.005
164	0.005
165	0.005
166	0.005
167	0.005
168	0.007
169	0.006
170	0.005
171	0.005
172	0.006
173	0.007
174	0.007
175	0.02
176	0.032
177	0.026
178	0.025
179	0.041
180	0.034
181	0.017
182	0.011
183	0.007
184	0.007
185	0.006
186	0.006
187	0.005
188	0.005
189	0.005
190	0.005
191	0.005
192	0.005
193	0.005
194	0.005
195	0.005
196	0.006
197	0.006
198	0.007
199	0.008
200	0.006
201	0.006
202	0.007
203	0.012
204	0.011
205	0.005
206	0.006
207	0.005
208	0.005
209	0.005
210	0.006
211	0.006
212	0.005
213	0.006
214	0.006
215	0.006
216	0.005
217	0.006
218	0.005
219	0.006
220	0.007
221	0.006
222	0.006
223	0.005
224	0.005
225	0.005
226	0.007
227	0.008
228	0.011
229	0.012
230	0.006
231	0.006
232	0.005
233	0.006
234	0.005
235	0.005
236	0.005
237	0.005
238	0.005
239	0.005
240	0.005
241	0.004
242	0.004
243	0.005
244	0.005
245	0.008
246	0.024
247	0.031
248	0.025

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

249	0.021
250	0.02
251	0.021
252	0.015
253	0.014
254	0.019
255	0.047
256	0.054
257	0.046
258	0.049
259	0.049
260	0.05
261	0.044
262	0.038
263	0.03
264	0.029
265	0.02
266	0.017
267	0.01
268	0.012
269	0.007
270	0.005
271	0.004
272	0.004
273	0.005
274	0.011
275	0.017
276	0.021
277	0.021
278	0.017
279	0.012
280	0.008
281	0.004
282	0.004
283	0.004
284	0.005
285	0.005
286	0.005
287	0.006
288	0.006
289	0.006
290	0.009
291	0.009
292	0.007
293	0.017
294	0.024
295	0.029
296	0.024
297	0.014
298	0.009
299	0.007
300	0.004
301	0.005
302	0.004
303	0.004
304	0.005
305	0.005
306	0.005
307	0.005
308	0.004
309	0.005
310	0.005
311	0.005
312	0.005
313	0.005
314	0.004
315	0.003
316	0.004
317	0.004
318	0.005
319	0.005
320	0.004
321	0.004
322	0.006
323	0.004
324	0.004
325	0.004
326	0.004
327	0.004
328	0.005
329	0.005
330	0.004
331	0.005
332	0.005
333	0.004
334	0.004
335	0.006
336	0.011
337	0.01
338	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

339	0.005
340	0.004
341	0.004
342	0.004
343	0.004
344	0.008
345	0.011
346	0.006
347	0.005
348	0.005
349	0.005
350	0.005
351	0.005
352	0.006
353	0.007
354	0.005
355	0.005
356	0.005
357	0.006
358	0.004
359	0.004
360	0.005
361	0.005
362	0.004
363	0.004
364	0.005
365	0.005
366	0.006
367	0.005
368	0.005
369	0.006
370	0.007
371	0.007
372	0.006
373	0.006
374	0.005
375	0.005
376	0.005
377	0.005
378	0.005
379	0.004
380	0.005
381	0.004
382	0.005
383	0.006
384	0.005
385	0.004
386	0.005
387	0.006
388	0.006
389	0.005
390	0.005
391	0.005
392	0.005
393	0.004
394	0.004
395	0.004
396	0.005
397	0.005
398	0.005
399	0.005
400	0.006
401	0.006
402	0.005
403	0.005
404	0.005
405	0.005
406	0.005
407	0.005
408	0.005
409	0.005
410	0.005
411	0.006
412	0.006
413	0.005
414	0.005
415	0.005
416	0.006
417	0.006
418	0.006
419	0.005
420	0.005
421	0.005
422	0.005
423	0.004
424	0.005
425	0.006
426	0.005
427	0.005
428	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

429	0.005
430	0.008
431	0.011
432	0.007
433	0.008
434	0.008
435	0.007
436	0.01
437	0.008
438	0.009
439	0.009
440	0.006
441	0.007
442	0.005
443	0.006
444	0.005
445	0.005
446	0.005
447	0.005
448	0.005
449	0.005
450	0.005
451	0.006
452	0.008
453	0.004
454	0.006
455	0.006
456	0.005
457	0.005
458	0.005
459	0.005
460	0.006
461	0.005
462	0.005
463	0.005
464	0.006
465	0.006
466	0.007
467	0.005
468	0.004
469	0.005
470	0.005
471	0.005
472	0.005
473	0.005
474	0.005
475	0.005
476	0.005
477	0.005
478	0.005
479	0.005
480	0.005
481	0.005
482	0.006
483	0.005
484	0.005
485	0.006
486	0.006
487	0.006
488	0.006
489	0.006
490	0.005
491	0.006
492	0.005
493	0.005
494	0.005
495	0.005
496	0.006
497	0.007
498	0.005
499	0.005
500	0.005
501	0.004
502	0.005
503	0.005
504	0.005
505	0.005
506	0.006
507	0.006
508	0.005
509	0.006
510	0.005
511	0.006
512	0.005
513	0.005
514	0.006
515	0.006
516	0.006
517	0.005
518	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

519	0.005
520	0.005
521	0.005
522	0.006
523	0.006
524	0.006
525	0.005
526	0.006
527	0.006
528	0.006
529	0.005
530	0.005
531	0.005
532	0.005
533	0.005
534	0.005
535	0.006
536	0.006
537	0.005
538	0.006
539	0.006
540	0.006
541	0.007
542	0.007
543	0.006
544	0.006
545	0.006
546	0.005
547	0.005
548	0.005
549	0.005
550	0.005
551	0.005
552	0.005
553	0.006
554	0.006
555	0.006
556	0.006
557	0.006
558	0.005
559	0.006
560	0.006
561	0.005
562	0.005
563	0.006
564	0.007
565	0.005
566	0.006
567	0.006
568	0.005
569	0.005
570	0.005
571	0.005
572	0.005
573	0.005
574	0.005
575	0.005
576	0.006
577	0.005
578	0.005
579	0.007
580	0.005
581	0.005
582	0.005
583	0.006
584	0.005
585	0.006
586	0.006
587	0.007
588	0.006
589	0.007
590	0.007
591	0.007
592	0.006
593	0.007
594	0.006
595	0.005
596	0.01
597	0.012
598	0.005
599	0.006
600	0.006
601	0.006
602	0.006
603	0.006
604	0.006
605	0.007
606	0.007
607	0.006
608	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

609	0.008
610	0.014
611	0.019
612	0.023
613	0.033
614	0.031
615	0.036
616	0.023
617	0.014
618	0.006
619	0.006
620	0.006
621	0.006
622	0.006
623	0.006
624	0.007
625	0.007
626	0.007
627	0.006
628	0.006
629	0.006
630	0.006
631	0.007
632	0.006
633	0.005
634	0.005
635	0.006
636	0.006
637	0.005
638	0.005
639	0.016
640	0.06
641	0.109
642	0.11
643	0.066
644	0.03
645	0.022
646	0.028
647	0.025
648	0.021
649	0.025
650	0.024
651	0.028
652	0.029
653	0.032
654	0.03
655	0.03
656	0.023
657	0.013
658	0.01
659	0.01
660	0.01
661	0.006
662	0.004
663	0.004
664	0.004
665	0.004
666	0.004
667	0.005
668	0.005
669	0.005
670	0.006
671	0.004
672	0.006
673	0.008
674	0.007
675	0.006
676	0.007
677	0.007
678	0.006
679	0.007
680	0.009
681	0.007
682	0.007
683	0.007
684	0.008
685	0.009
686	0.011
687	0.012
688	0.011
689	0.011
690	0.011
691	0.01
692	0.009
693	0.007
694	0.006
695	0.006
696	0.006
697	0.005
698	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

699	0.006
700	0.006
701	0.007
702	0.006
703	0.007
704	0.009
705	0.017
706	0.023
707	0.015
708	0.015
709	0.014
710	0.014
711	0.014
712	0.018
713	0.018
714	0.023
715	0.018
716	0.013
717	0.011
718	0.011
719	0.011
720	0.009
721	0.009
722	0.009
723	0.011
724	0.014
725	0.011
726	0.014
727	0.011
728	0.012
729	0.016
730	0.017
731	0.013
732	0.012
733	0.01
734	0.009
735	0.009
736	0.009
737	0.007
738	0.008
739	0.009
740	0.008
741	0.009
742	0.009
743	0.01
744	0.015
745	0.017
746	0.012
747	0.012
748	0.013
749	0.009
750	0.009
751	0.009
752	0.009
753	0.008
754	0.007
755	0.006
756	0.007
757	0.008
758	0.008
759	0.008
760	0.009
761	0.015
762	0.012
763	0.009
764	0.01
765	0.012
766	0.01
767	0.008
768	0.008
769	0.01
770	0.007
771	0.007
772	0.008
773	0.008
774	0.009
775	0.009
776	0.007
777	0.007
778	0.007
779	0.008
780	0.007
781	0.006
782	0.007
783	0.008
784	0.008
785	0.007
786	0.009
787	0.009
788	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

789	0.008
790	0.008
791	0.008
792	0.007
793	0.007
794	0.008
795	0.009
796	0.007
797	0.007
798	0.007
799	0.007
800	0.009
801	0.008
802	0.008
803	0.007
804	0.008
805	0.013
806	0.011
807	0.008
808	0.008
809	0.009
810	0.008
811	0.007
812	0.006
813	0.006
814	0.007
815	0.009
816	0.008
817	0.006
818	0.006
819	0.008
820	0.007
821	0.005
822	0.006
823	0.005
824	0.006
825	0.007
826	0.007
827	0.006
828	0.005
829	0.006
830	0.006
831	0.008
832	0.007
833	0.011
834	0.012
835	0.008
836	0.009
837	0.008
838	0.006
839	0.008
840	0.01
841	0.01
842	0.008
843	0.008
844	0.011
845	0.01
846	0.009
847	0.01
848	0.01
849	0.013
850	0.01
851	0.014
852	0.013
853	0.007
854	0.007
855	0.007
856	0.007
857	0.008
858	0.008
859	0.01
860	0.01
861	0.007
862	0.006
863	0.007
864	0.008
865	0.009
866	0.009
867	0.008
868	0.01
869	0.015
870	0.015
871	0.01
872	0.01
873	0.007
874	0.011
875	0.013
876	0.01
877	0.008
878	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

879	0.008
880	0.006
881	0.006
882	0.006
883	0.005
884	0.005
885	0.005
886	0.006
887	0.005
888	0.004
889	0.005
890	0.005
891	0.006
892	0.007
893	0.006
894	0.006
895	0.005
896	0.005
897	0.006
898	0.005
899	0.005
900	0.005
901	0.006
902	0.006
903	0.006
904	0.006
905	0.006
906	0.006
907	0.005
908	0.006
909	0.005
910	0.005
911	0.005
912	0.005
913	0.005
914	0.006
915	0.005
916	0.007
917	0.008
918	0.005
919	0.004
920	0.005
921	0.005
922	0.005
923	0.006
924	0.007
925	0.006
926	0.005
927	0.005
928	0.006
929	0.007
930	0.005
931	0.005
932	0.005
933	0.005
934	0.005
935	0.006
936	0.008
937	0.007
938	0.005
939	0.006
940	0.007
941	0.005
942	0.005
943	0.005
944	0.006
945	0.006
946	0.005
947	0.005
948	0.005
949	0.005
950	0.005
951	0.004
952	0.005
953	0.006
954	0.007
955	0.005
956	0.005
957	0.005
958	0.005
959	0.004
960	0.005
961	0.005
962	0.005
963	0.005
964	0.005
965	0.005
966	0.005
967	0.004
968	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

969	0.005
970	0.004
971	0.004
972	0.005
973	0.004
974	0.005
975	0.004
976	0.004
977	0.004
978	0.004
979	0.004
980	0.005
981	0.005
982	0.004
983	0.004
984	0.005
985	0.004
986	0.004
987	0.004
988	0.004
989	0.003
990	0.004
991	0.005
992	0.005
993	0.005
994	0.006
995	0.005
996	0.005
997	0.006
998	0.007
999	0.004
1000	0.005
1001	0.005
1002	0.005
1003	0.005
1004	0.005
1005	0.006
1006	0.005
1007	0.007
1008	0.005
1009	0.003
1010	0.004
1011	0.005
1012	0.006
1013	0.006
1014	0.005
1015	0.004
1016	0.005
1017	0.005
1018	0.005
1019	0.004
1020	0.004
1021	0.005
1022	0.005
1023	0.006
1024	0.005
1025	0.006
1026	0.006
1027	0.004
1028	0.004
1029	0.004
1030	0.005
1031	0.004
1032	0.004
1033	0.004
1034	0.005
1035	0.004
1036	0.005
1037	0.005
1038	0.004
1039	0.004
1040	0.005
1041	0.005
1042	0.005
1043	0.005
1044	0.004
1045	0.004
1046	0.006
1047	0.007
1048	0.006
1049	0.005
1050	0.006
1051	0.007
1052	0.007
1053	0.007
1054	0.005
1055	0.004
1056	0.005
1057	0.005
1058	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1059	0.005
1060	0.005
1061	0.006
1062	0.005
1063	0.006
1064	0.007
1065	0.006
1066	0.006
1067	0.006
1068	0.008
1069	0.006
1070	0.007
1071	0.009
1072	0.007
1073	0.006
1074	0.006
1075	0.005
1076	0.006
1077	0.005
1078	0.006
1079	0.006
1080	0.006
1081	0.006
1082	0.005
1083	0.008
1084	0.01
1085	0.006
1086	0.004
1087	0.005
1088	0.006
1089	0.006
1090	0.007
1091	0.005
1092	0.005
1093	0.008
1094	0.005
1095	0.006
1096	0.006
1097	0.005
1098	0.007
1099	0.009
1100	0.005
1101	0.029
1102	0.032
1103	0.006
1104	0.005
1105	0.006
1106	0.005
1107	0.004
1108	0.013
1109	0.015
1110	0.006
1111	0.007
1112	0.007
1113	0.005
1114	0.006
1115	0.006
1116	0.005
1117	0.006
1118	0.006
1119	0.007
1120	0.009
1121	0.01
1122	0.006
1123	0.007
1124	0.007
1125	0.005
1126	0.007
1127	0.008
1128	0.01
1129	0.011
1130	0.008
1131	0.007
1132	0.005
1133	0.006
1134	0.006
1135	0.005
1136	0.005
1137	0.004
1138	0.005
1139	0.007
1140	0.005
1141	0.005
1142	0.005
1143	0.005
1144	0.005
1145	0.006
1146	0.006
1147	0.007
1148	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1149	0.005
1150	0.005
1151	0.005
1152	0.005
1153	0.005
1154	0.008
1155	0.008
1156	0.005
1157	0.006
1158	0.005
1159	0.005
1160	0.004
1161	0.004
1162	0.005
1163	0.005
1164	0.005
1165	0.006
1166	0.006
1167	0.006
1168	0.007
1169	0.006
1170	0.006
1171	0.007
1172	0.006
1173	0.005
1174	0.005
1175	0.006
1176	0.007
1177	0.006
1178	0.006
1179	0.006
1180	0.007
1181	0.007
1182	0.006
1183	0.006
1184	0.005
1185	0.006
1186	0.007
1187	0.008
1188	0.006
1189	0.004
1190	0.005
1191	0.009
1192	0.009
1193	0.005
1194	0.007
1195	0.008
1196	0.008
1197	0.009
1198	0.006
1199	0.008
1200	0.009
1201	0.011
1202	0.01
1203	0.015
1204	0.012
1205	0.012
1206	0.013
1207	0.012
1208	0.007
1209	0.009
1210	0.008
1211	0.007
1212	0.005
1213	0.005
1214	0.004
1215	0.005
1216	0.006
1217	0.006
1218	0.005
1219	0.005
1220	0.005
1221	0.004
1222	0.005
1223	0.006
1224	0.004
1225	0.005
1226	0.004
1227	0.004
1228	0.004
1229	0.004
1230	0.004
1231	0.003
1232	0.004
1233	0.003
1234	0.003
1235	0.003
1236	0.004
1237	0.005
1238	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1239	0.004
1240	0.005
1241	0.006
1242	0.007
1243	0.005
1244	0.004
1245	0.004
1246	0.004
1247	0.005
1248	0.004
1249	0.003
1250	0.005
1251	0.006
1252	0.005
1253	0.005
1254	0.004
1255	0.004
1256	0.005
1257	0.004
1258	0.004
1259	0.004
1260	0.004
1261	0.005
1262	0.004
1263	0.003
1264	0.004
1265	0.005
1266	0.004
1267	0.004
1268	0.004
1269	0.005
1270	0.005
1271	0.003
1272	0.004
1273	0.003
1274	0.003
1275	0.004
1276	0.004
1277	0.02
1278	0.045
1279	0.053
1280	0.041
1281	0.048
1282	0.032
1283	0.028
1284	0.022
1285	0.018
1286	0.017
1287	0.007
1288	0.012
1289	0.016
1290	0.011
1291	0.01
1292	0.014
1293	0.019
1294	0.025
1295	0.036
1296	0.01
1297	0.007
1298	0.006
1299	0.005
1300	0.005
1301	0.003
1302	0.004
1303	0.003
1304	0.004
1305	0.004
1306	0.004
1307	0.007
1308	0.009
1309	0.007
1310	0.01
1311	0.009
1312	0.004
1313	0.005
1314	0.006
1315	0.005
1316	0.004
1317	0.004
1318	0.005
1319	0.004
1320	0.005
1321	0.008
1322	0.009
1323	0.004
1324	0.004
1325	0.004
1326	0.004
1327	0.004
1328	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1329	0.003
1330	0.003
1331	0.004
1332	0.003
1333	0.003
1334	0.004
1335	0.005
1336	0.003
1337	0.003
1338	0.005
1339	0.009
1340	0.006
1341	0.008
1342	0.008
1343	0.004
1344	0.006
1345	0.008
1346	0.006
1347	0.005
1348	0.004
1349	0.004
1350	0.004
1351	0.005
1352	0.004
1353	0.004
1354	0.005
1355	0.004
1356	0.008
1357	0.01
1358	0.008
1359	0.004
1360	0.004
1361	0.006
1362	0.005
1363	0.004
1364	0.004
1365	0.004
1366	0.005
1367	0.005
1368	0.005
1369	0.007
1370	0.009
1371	0.005
1372	0.005
1373	0.004
1374	0.004
1375	0.006
1376	0.005
1377	0.005
1378	0.005
1379	0.005
1380	0.004
1381	0.004
1382	0.005
1383	0.004
1384	0.005
1385	0.005
1386	0.007
1387	0.008
1388	0.005
1389	0.005
1390	0.005
1391	0.004
1392	0.007
1393	0.005
1394	0.007
1395	0.007
1396	0.004
1397	0.004
1398	0.007
1399	0.007
1400	0.005
1401	0.005
1402	0.005
1403	0.004
1404	0.004
1405	0.005
1406	0.005
1407	0.006
1408	0.006
1409	0.005
1410	0.005
1411	0.007
1412	0.007
1413	0.006
1414	0.007
1415	0.005
1416	0.004
1417	0.005
1418	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1419	0.005
1420	0.005
1421	0.004
1422	0.005
1423	0.006
1424	0.005
1425	0.005
1426	0.005
1427	0.005
1428	0.005
1429	0.004
1430	0.004
1431	0.004
1432	0.004
1433	0.005
1434	0.005
1435	0.005
1436	0.005
1437	0.004
1438	0.004
1439	0.005
1440	0.004
1441	0.003
1442	0.003
1443	0.004
1444	0.004
1445	0.005
1446	0.005
1447	0.005
1448	0.004
1449	0.005
1450	0.004
1451	0.004
1452	0.004
1453	0.004
1454	0.004
1455	0.004
1456	0.003
1457	0.003
1458	0.004
1459	0.004
1460	0.004
1461	0.004
1462	0.004
1463	0.004
1464	0.003
1465	0.003
1466	0.005
1467	0.005
1468	0.003
1469	0.004
1470	0.004
1471	0.004
1472	0.004
1473	0.004
1474	0.005
1475	0.004
1476	0.003
1477	0.003
1478	0.004
1479	0.003
1480	0.005
1481	0.004
1482	0.003
1483	0.002
1484	0.003
1485	0.004
1486	0.004
1487	0.004
1488	0.003
1489	0.005
1490	0.007
1491	0.001
1492	0.003
1493	0.004
1494	0.003
1495	0.003
1496	0.003
1497	0.004
1498	0.004
1499	0.004
1500	0.003
1501	0.003
1502	0.003
1503	0.003
1504	0.004
1505	0.003
1506	0.004
1507	0.004
1508	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1509	0.004
1510	0.003
1511	0.003
1512	0.004
1513	0.004
1514	0.004
1515	0.006
1516	0.004
1517	0.004
1518	0.004
1519	0.003
1520	0.004
1521	0.004
1522	0.004
1523	0.004
1524	0.004
1525	0.004
1526	0.004
1527	0.007
1528	0.008
1529	0.009
1530	0.011
1531	0.016
1532	0.015
1533	0.009
1534	0.009
1535	0.007
1536	0.008
1537	0.008
1538	0.005
1539	0.005
1540	0.005
1541	0.007
1542	0.01
1543	0.008
1544	0.005
1545	0.004
1546	0.004
1547	0.004
1548	0.003
1549	0.003
1550	0.003
1551	0.004
1552	0.004
1553	0.003
1554	0.004
1555	0.004
1556	0.003
1557	0.003
1558	0.003
1559	0.004
1560	0.003
1561	0.003
1562	0.004
1563	0.003
1564	0.003
1565	0.003
1566	0.003
1567	0.003
1568	0.004
1569	0.004
1570	0.003
1571	0.003
1572	0.004
1573	0.004
1574	0.004
1575	0.004
1576	0.004
1577	0.004
1578	0.003
1579	0.004
1580	0.005
1581	0.003
1582	0.003
1583	0.003
1584	0.004
1585	0.004
1586	0.004
1587	0.004
1588	0.004
1589	0.004
1590	0.004
1591	0.004
1592	0.004
1593	0.004
1594	0.004
1595	0.004
1596	0.004
1597	0.004
1598	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1599	0.004
1600	0.004
1601	0.004
1602	0.004
1603	0.01
1604	0.013
1605	0.004
1606	0.004
1607	0.004
1608	0.004
1609	0.006
1610	0.009
1611	0.01
1612	0.005
1613	0.005
1614	0.004
1615	0.005
1616	0.007
1617	0.006
1618	0.005
1619	0.005
1620	0.005
1621	0.005
1622	0.005
1623	0.005
1624	0.005
1625	0.007
1626	0.005
1627	0.005
1628	0.005
1629	0.005
1630	0.005
1631	0.005
1632	0.005
1633	0.007
1634	0.006
1635	0.008
1636	0.008
1637	0.006
1638	0.004
1639	0.004
1640	0.004
1641	0.004
1642	0.003
1643	0.003
1644	0.003
1645	0.003
1646	0.003
1647	0.003
1648	0.003
1649	0.004
1650	0.004
1651	0.003
1652	0.003
1653	0.004
1654	0.004
1655	0.005
1656	0.005
1657	0.003
1658	0.004
1659	0.004
1660	0.004
1661	0.006
1662	0.007
1663	0.006
1664	0.005
1665	0.006
1666	0.006
1667	0.005
1668	0.005
1669	0.005
1670	0.005
1671	0.005
1672	0.005
1673	0.004
1674	0.004
1675	0.003
1676	0.003
1677	0.003
1678	0.003
1679	0.003
1680	0.006
1681	0.022
1682	0.034
1683	0.019
1684	0.01
1685	0.008
1686	0.004
1687	0.004
1688	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1689	0.003
1690	0.003
1691	0.003
1692	0.004
1693	0.004
1694	0.004
1695	0.004
1696	0.023
1697	0.062
1698	0.068
1699	0.066
1700	0.084
1701	0.098
1702	0.081
1703	0.081
1704	0.066
1705	0.046
1706	0.031
1707	0.017
1708	0.017
1709	0.017
1710	0.008
1711	0.006
1712	0.008
1713	0.011
1714	0.005
1715	0.005
1716	0.005
1717	0.003
1718	0.003
1719	0.003
1720	0.004
1721	0.004
1722	0.005
1723	0.004
1724	0.004
1725	0.004
1726	0.006
1727	0.007
1728	0.005
1729	0.007
1730	0.004
1731	0.005
1732	0.005
1733	0.004
1734	0.004
1735	0.004
1736	0.003
1737	0.004
1738	0.005
1739	0.007
1740	0.006
1741	0.006
1742	0.004
1743	0.004
1744	0.004
1745	0.004
1746	0.004
1747	0.006
1748	0.007
1749	0.004
1750	0.004
1751	0.003
1752	0.003
1753	0.005
1754	0.005
1755	0.004
1756	0.006
1757	0.006
1758	0.004
1759	0.005
1760	0.004
1761	0.003
1762	0.004
1763	0.004
1764	0.004
1765	0.004
1766	0.004
1767	0.004
1768	0.004
1769	0.003
1770	0.004
1771	0.004
1772	0.004
1773	0.004
1774	0.004
1775	0.005
1776	0.005
1777	0.005
1778	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1779	0.005
1780	0.004
1781	0.003
1782	0.004
1783	0.004
1784	0.005
1785	0.003
1786	0.004
1787	0.004
1788	0.004
1789	0.004
1790	0.005
1791	0.004
1792	0.003
1793	0.003
1794	0.004
1795	0.004
1796	0.003
1797	0.003
1798	0.003
1799	0.003
1800	0.004
1801	0.003
1802	0.003
1803	0.005
1804	0.006
1805	0.007
1806	0.011
1807	0.008
1808	0.006
1809	0.011
1810	0.012
1811	0.011
1812	0.013
1813	0.012
1814	0.012
1815	0.007
1816	0.006
1817	0.004
1818	0.005
1819	0.005
1820	0.005
1821	0.004
1822	0.007
1823	0.009
1824	0.004
1825	0.005
1826	0.004
1827	0.004
1828	0.004
1829	0.003
1830	0.004
1831	0.004
1832	0.005
1833	0.012
1834	0.017
1835	0.015
1836	0.011
1837	0.01
1838	0.009
1839	0.012
1840	0.012
1841	0.008
1842	0.007
1843	0.005
1844	0.006
1845	0.004
1846	0.004
1847	0.004
1848	0.003
1849	0.003
1850	0.005
1851	0.005
1852	0.003
1853	0.004
1854	0.004
1855	0.004
1856	0.004
1857	0.004
1858	0.003
1859	0.003
1860	0.004
1861	0.003
1862	0.003
1863	0.004
1864	0.003
1865	0.004
1866	0.004
1867	0.003
1868	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1869	0.003
1870	0.004
1871	0.004
1872	0.003
1873	0.003
1874	0.003
1875	0.003
1876	0.004
1877	0.004
1878	0.003
1879	0.003
1880	0.003
1881	0.006
1882	0.003
1883	0.003
1884	0.003
1885	0.003
1886	0.007
1887	0.014
1888	0.013
1889	0.009
1890	0.007
1891	0.008
1892	0.006
1893	0.004
1894	0.004
1895	0.004
1896	0.004
1897	0.003
1898	0.003
1899	0.003
1900	0.003
1901	0.004
1902	0.003
1903	0.005
1904	0.007
1905	0.007
1906	0.008
1907	0.008
1908	0.003
1909	0.003
1910	0.003
1911	0.003
1912	0.003
1913	0.003
1914	0.004
1915	0.003
1916	0.003
1917	0.003
1918	0.003
1919	0.004
1920	0.003
1921	0.003
1922	0.003
1923	0.003
1924	0.003
1925	0.003
1926	0.004
1927	0.005
1928	0.005
1929	0.004
1930	0.003
1931	0.003
1932	0.003
1933	0.003
1934	0.004
1935	0.004
1936	0.003
1937	0.003
1938	0.003
1939	0.003
1940	0.004
1941	0.003
1942	0.002
1943	0.003
1944	0.003
1945	0.003
1946	0.003
1947	0.003
1948	0.003
1949	0.003
1950	0.004
1951	0.004
1952	0.003
1953	0.003
1954	0.004
1955	0.005
1956	0.005
1957	0.005
1958	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

1959	0.003
1960	0.004
1961	0.005
1962	0.005
1963	0.003
1964	0.004
1965	0.004
1966	0.003
1967	0.003
1968	0.003
1969	0.005
1970	0.004
1971	0.003
1972	0.003
1973	0.003
1974	0.003
1975	0.004
1976	0.003
1977	0.005
1978	0.006
1979	0.003
1980	0.003
1981	0.004
1982	0.004
1983	0.005
1984	0.005
1985	0.004
1986	0.004
1987	0.005
1988	0.007
1989	0.007
1990	0.008
1991	0.008
1992	0.005
1993	0.005
1994	0.005
1995	0.006
1996	0.004
1997	0.004
1998	0.003
1999	0.004
2000	0.004
2001	0.004
2002	0.003
2003	0.003
2004	0.005
2005	0.005
2006	0.003
2007	0.003
2008	0.003
2009	0.003
2010	0.004
2011	0.003
2012	0.003
2013	0.003
2014	0.003
2015	0.003
2016	0.003
2017	0.003
2018	0.003
2019	0.003
2020	0.003
2021	0.003
2022	0.002
2023	0.002
2024	0.003
2025	0.003
2026	0.003
2027	0.003
2028	0.007
2029	0.008
2030	0.003
2031	0.003
2032	0.003
2033	0.003
2034	0.003
2035	0.003
2036	0.003
2037	0.004
2038	0.004
2039	0.003
2040	0.003
2041	0.003
2042	0.003
2043	0.003
2044	0.003
2045	0.003
2046	0.002
2047	0.003
2048	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2049	0.003
2050	0.003
2051	0.003
2052	0.003
2053	0.003
2054	0.005
2055	0.004
2056	0.004
2057	0.004
2058	0.003
2059	0.004
2060	0.004
2061	0.003
2062	0.003
2063	0.003
2064	0.002
2065	0.003
2066	0.004
2067	0.002
2068	0.003
2069	0.004
2070	0.004
2071	0.004
2072	0.003
2073	0.003
2074	0.003
2075	0.005
2076	0.006
2077	0.003
2078	0.004
2079	0.004
2080	0.003
2081	0.003
2082	0.004
2083	0.004
2084	0.005
2085	0.004
2086	0.003
2087	0.004
2088	0.004
2089	0.004
2090	0.004
2091	0.004
2092	0.005
2093	0.004
2094	0.004
2095	0.004
2096	0.004
2097	0.004
2098	0.005
2099	0.005
2100	0.004
2101	0.004
2102	0.004
2103	0.003
2104	0.004
2105	0.004
2106	0.004
2107	0.005
2108	0.006
2109	0.004
2110	0.006
2111	0.005
2112	0.005
2113	0.006
2114	0.004
2115	0.006
2116	0.006
2117	0.007
2118	0.005
2119	0.004
2120	0.003
2121	0.005
2122	0.005
2123	0.004
2124	0.004
2125	0.003
2126	0.003
2127	0.003
2128	0.005
2129	0.006
2130	0.006
2131	0.007
2132	0.005
2133	0.005
2134	0.007
2135	0.005
2136	0.004
2137	0.004
2138	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2139	0.005
2140	0.006
2141	0.005
2142	0.006
2143	0.003
2144	0.003
2145	0.003
2146	0.004
2147	0.007
2148	0.004
2149	0.004
2150	0.003
2151	0.004
2152	0.004
2153	0.004
2154	0.004
2155	0.004
2156	0.004
2157	0.006
2158	0.008
2159	0.005
2160	0.004
2161	0.006
2162	0.005
2163	0.006
2164	0.01
2165	0.012
2166	0.013
2167	0.019
2168	0.017
2169	0.009
2170	0.008
2171	0.008
2172	0.004
2173	0.003
2174	0.004
2175	0.004
2176	0.006
2177	0.006
2178	0.003
2179	0.003
2180	0.003
2181	0.003
2182	0.003
2183	0.003
2184	0.004
2185	0.004
2186	0.004
2187	0.004
2188	0.004
2189	0.004
2190	0.004
2191	0.004
2192	0.004
2193	0.004
2194	0.005
2195	0.004
2196	0.004
2197	0.004
2198	0.004
2199	0.005
2200	0.005
2201	0.004
2202	0.005
2203	0.005
2204	0.005
2205	0.004
2206	0.004
2207	0.005
2208	0.005
2209	0.005
2210	0.005
2211	0.005
2212	0.005
2213	0.006
2214	0.006
2215	0.006
2216	0.004
2217	0.005
2218	0.005
2219	0.004
2220	0.005
2221	0.005
2222	0.004
2223	0.004
2224	0.005
2225	0.005
2226	0.005
2227	0.004
2228	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2229	0.006
2230	0.005
2231	0.004
2232	0.005
2233	0.004
2234	0.004
2235	0.004
2236	0.005
2237	0.004
2238	0.004
2239	0.004
2240	0.004
2241	0.004
2242	0.004
2243	0.004
2244	0.005
2245	0.005
2246	0.005
2247	0.004
2248	0.004
2249	0.005
2250	0.006
2251	0.005
2252	0.004
2253	0.004
2254	0.005
2255	0.006
2256	0.008
2257	0.01
2258	0.008
2259	0.005
2260	0.008
2261	0.008
2262	0.004
2263	0.005
2264	0.006
2265	0.004
2266	0.004
2267	0.005
2268	0.005
2269	0.007
2270	0.008
2271	0.004
2272	0.004
2273	0.006
2274	0.008
2275	0.006
2276	0.005
2277	0.006
2278	0.006
2279	0.007
2280	0.006
2281	0.008
2282	0.008
2283	0.005
2284	0.008
2285	0.008
2286	0.009
2287	0.008
2288	0.007
2289	0.006
2290	0.006
2291	0.005
2292	0.004
2293	0.004
2294	0.004
2295	0.004
2296	0.004
2297	0.006
2298	0.008
2299	0.007
2300	0.005
2301	0.006
2302	0.005
2303	0.005
2304	0.004
2305	0.003
2306	0.004
2307	0.004
2308	0.003
2309	0.003
2310	0.003
2311	0.005
2312	0.004
2313	0.003
2314	0.004
2315	0.004
2316	0.003
2317	0.003
2318	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2319	0.004
2320	0.004
2321	0.004
2322	0.003
2323	0.003
2324	0.003
2325	0.004
2326	0.003
2327	0.003
2328	0.004
2329	0.004
2330	0.003
2331	0.003
2332	0.003
2333	0.003
2334	0.004
2335	0.003
2336	0.003
2337	0.004
2338	0.003
2339	0.003
2340	0.003
2341	0.002
2342	0.002
2343	0.002
2344	0.003
2345	0.004
2346	0.005
2347	0.003
2348	0.003
2349	0.002
2350	0.002
2351	0.003
2352	0.003
2353	0.006
2354	0.007
2355	0.003
2356	0.003
2357	0.004
2358	0.004
2359	0.003
2360	0.003
2361	0.003
2362	0.004
2363	0.003
2364	0.003
2365	0.003
2366	0.002
2367	0.003
2368	0.004
2369	0.004
2370	0.003
2371	0.004
2372	0.004
2373	0.003
2374	0.003
2375	0.003
2376	0.003
2377	0.003
2378	0.004
2379	0.004
2380	0.003
2381	0.003
2382	0.004
2383	0.004
2384	0.002
2385	0.003
2386	0.004
2387	0.003
2388	0.003
2389	0.003
2390	0.003
2391	0.004
2392	0.003
2393	0.003
2394	0.004
2395	0.004
2396	0.004
2397	0.003
2398	0.004
2399	0.004
2400	0.003
2401	0.003
2402	0.003
2403	0.004
2404	0.004
2405	0.004
2406	0.003
2407	0.003
2408	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2409	0.004
2410	0.004
2411	0.003
2412	0.003
2413	0.003
2414	0.003
2415	0.007
2416	0.008
2417	0.003
2418	0.003
2419	0.003
2420	0.003
2421	0.003
2422	0.004
2423	0.005
2424	0.005
2425	0.003
2426	0.003
2427	0.004
2428	0.004
2429	0.003
2430	0.002
2431	0.002
2432	0.003
2433	0.004
2434	0.005
2435	0.004
2436	0.003
2437	0.003
2438	0.005
2439	0.006
2440	0.003
2441	0.003
2442	0.003
2443	0.003
2444	0.003
2445	0.003
2446	0.003
2447	0.003
2448	0.003
2449	0.003
2450	0.004
2451	0.003
2452	0.003
2453	0.003
2454	0.003
2455	0.003
2456	0.003
2457	0.003
2458	0.003
2459	0.003
2460	0.003
2461	0.003
2462	0.003
2463	0.003
2464	0.004
2465	0.003
2466	0.003
2467	0.003
2468	0.002
2469	0.003
2470	0.003
2471	0.003
2472	0.003
2473	0.003
2474	0.003
2475	0.003
2476	0.003
2477	0.003
2478	0.002
2479	0.003
2480	0.003
2481	0.003
2482	0.004
2483	0.004
2484	0.006
2485	0.013
2486	0.004
2487	0.003
2488	0.003
2489	0.005
2490	0.004
2491	0.003
2492	0.004
2493	0.003
2494	0.004
2495	0.003
2496	0.003
2497	0.003
2498	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2499	0.005
2500	0.004
2501	0.004
2502	0.003
2503	0.003
2504	0.003
2505	0.003
2506	0.003
2507	0.003
2508	0.003
2509	0.003
2510	0.003
2511	0.003
2512	0.003
2513	0.004
2514	0.004
2515	0.003
2516	0.003
2517	0.003
2518	0.003
2519	0.002
2520	0.003
2521	0.004
2522	0.004
2523	0.003
2524	0.004
2525	0.003
2526	0.003
2527	0.004
2528	0.004
2529	0.003
2530	0.003
2531	0.003
2532	0.003
2533	0.004
2534	0.003
2535	0.003
2536	0.003
2537	0.003
2538	0.003
2539	0.003
2540	0.003
2541	0.004
2542	0.003
2543	0.003
2544	0.003
2545	0.003
2546	0.003
2547	0.003
2548	0.004
2549	0.004
2550	0.006
2551	0.006
2552	0.003
2553	0.003
2554	0.004
2555	0.003
2556	0.003
2557	0.003
2558	0.003
2559	0.003
2560	0.003
2561	0.003
2562	0.007
2563	0.023
2564	0.031
2565	0.023
2566	0.024
2567	0.006
2568	0.004
2569	0.003
2570	0.003
2571	0.003
2572	0.004
2573	0.004
2574	0.004
2575	0.004
2576	0.003
2577	0.003
2578	0.003
2579	0.003
2580	0.003
2581	0.004
2582	0.003
2583	0.003
2584	0.003
2585	0.004
2586	0.004
2587	0.002
2588	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2589	0.003
2590	0.003
2591	0.004
2592	0.004
2593	0.005
2594	0.007
2595	0.003
2596	0.003
2597	0.003
2598	0.003
2599	0.003
2600	0.003
2601	0.004
2602	0.003
2603	0.003
2604	0.003
2605	0.003
2606	0.003
2607	0.003
2608	0.003
2609	0.003
2610	0.003
2611	0.003
2612	0.005
2613	0.005
2614	0.005
2615	0.012
2616	0.016
2617	0.013
2618	0.01
2619	0.007
2620	0.005
2621	0.004
2622	0.004
2623	0.004
2624	0.007
2625	0.012
2626	0.021
2627	0.024
2628	0.02
2629	0.015
2630	0.021
2631	0.014
2632	0.011
2633	0.008
2634	0.003
2635	0.003
2636	0.003
2637	0.003
2638	0.003
2639	0.003
2640	0.003
2641	0.003
2642	0.003
2643	0.01
2644	0.011
2645	0.003
2646	0.003
2647	0.004
2648	0.008
2649	0.005
2650	0.003
2651	0.003
2652	0.003
2653	0.003
2654	0.002
2655	0.003
2656	0.004
2657	0.005
2658	0.003
2659	0.006
2660	0.007
2661	0.004
2662	0.004
2663	0.004
2664	0.004
2665	0.005
2666	0.004
2667	0.004
2668	0.004
2669	0.003
2670	0.003
2671	0.005
2672	0.006
2673	0.004
2674	0.003
2675	0.003
2676	0.004
2677	0.005
2678	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2679	0.004
2680	0.003
2681	0.002
2682	0.003
2683	0.003
2684	0.004
2685	0.004
2686	0.004
2687	0.004
2688	0.003
2689	0.003
2690	0.004
2691	0.004
2692	0.003
2693	0.003
2694	0.003
2695	0.003
2696	0.003
2697	0.003
2698	0.004
2699	0.004
2700	0.004
2701	0.003
2702	0.003
2703	0.003
2704	0.002
2705	0.003
2706	0.003
2707	0.004
2708	0.004
2709	0.004
2710	0.003
2711	0.003
2712	0.003
2713	0.005
2714	0.004
2715	0.003
2716	0.003
2717	0.003
2718	0.003
2719	0.003
2720	0.003
2721	0.003
2722	0.004
2723	0.005
2724	0.003
2725	0.003
2726	0.003
2727	0.004
2728	0.003
2729	0.003
2730	0.003
2731	0.003
2732	0.003
2733	0.004
2734	0.004
2735	0.002
2736	0.003
2737	0.003
2738	0.003
2739	0.003
2740	0.003
2741	0.002
2742	0.003
2743	0.003
2744	0.003
2745	0.003
2746	0.003
2747	0.002
2748	0.003
2749	0.003
2750	0.003
2751	0.003
2752	0.003
2753	0.003
2754	0.004
2755	0.004
2756	0.003
2757	0.003
2758	0.004
2759	0.003
2760	0.003
2761	0.003
2762	0.004
2763	0.003
2764	0.003
2765	0.003
2766	0.003
2767	0.003
2768	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2769	0.003
2770	0.003
2771	0.003
2772	0.003
2773	0.003
2774	0.004
2775	0.005
2776	0.004
2777	0.005
2778	0.007
2779	0.005
2780	0.011
2781	0.011
2782	0.009
2783	0.006
2784	0.004
2785	0.009
2786	0.01
2787	0.007
2788	0.006
2789	0.012
2790	0.015
2791	0.006
2792	0.004
2793	0.007
2794	0.003
2795	0.003
2796	0.004
2797	0.004
2798	0.006
2799	0.007
2800	0.003
2801	0.005
2802	0.006
2803	0.004
2804	0.004
2805	0.004
2806	0.005
2807	0.004
2808	0.004
2809	0.006
2810	0.003
2811	0.004
2812	0.005
2813	0.005
2814	0.005
2815	0.004
2816	0.005
2817	0.004
2818	0.008
2819	0.007
2820	0.004
2821	0.004
2822	0.007
2823	0.008
2824	0.009
2825	0.01
2826	0.01
2827	0.009
2828	0.007
2829	0.007
2830	0.008
2831	0.009
2832	0.009
2833	0.01
2834	0.009
2835	0.008
2836	0.009
2837	0.009
2838	0.009
2839	0.009
2840	0.008
2841	0.007
2842	0.007
2843	0.006
2844	0.007
2845	0.005
2846	0.005
2847	0.004
2848	0.004
2849	0.003
2850	0.003
2851	0.004
2852	0.007
2853	0.014
2854	0.019
2855	0.018
2856	0.011
2857	0.011
2858	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2859	0.005
2860	0.004
2861	0.004
2862	0.005
2863	0.004
2864	0.005
2865	0.004
2866	0.003
2867	0.003
2868	0.003
2869	0.003
2870	0.004
2871	0.004
2872	0.004
2873	0.005
2874	0.005
2875	0.004
2876	0.003
2877	0.003
2878	0.003
2879	0.004
2880	0.004
2881	0.003
2882	0.003
2883	0.003
2884	0.003
2885	0.003
2886	0.003
2887	0.005
2888	0.005
2889	0.002
2890	0.003
2891	0.004
2892	0.005
2893	0.005
2894	0.004
2895	0.004
2896	0.004
2897	0.003
2898	0.003
2899	0.004
2900	0.006
2901	0.007
2902	0.006
2903	0.003
2904	0.003
2905	0.003
2906	0.005
2907	0.005
2908	0.005
2909	0.007
2910	0.004
2911	0.003
2912	0.003
2913	0.005
2914	0.006
2915	0.005
2916	0.003
2917	0.003
2918	0.004
2919	0.005
2920	0.008
2921	0.005
2922	0.007
2923	0.005
2924	0.002
2925	0.002
2926	0.003
2927	0.005
2928	0.007
2929	0.01
2930	0.006
2931	0.007
2932	0.007
2933	0.005
2934	0.005
2935	0.003
2936	0.005
2937	0.005
2938	0.003
2939	0.005
2940	0.006
2941	0.002
2942	0.002
2943	0.002
2944	0.003
2945	0.003
2946	0.003
2947	0.003
2948	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

2949	0.003
2950	0.003
2951	0.003
2952	0.003
2953	0.004
2954	0.003
2955	0.002
2956	0.004
2957	0.006
2958	0.005
2959	0.002
2960	0.003
2961	0.006
2962	0.011
2963	0.013
2964	0.008
2965	0.005
2966	0.003
2967	0.003
2968	0.004
2969	0.003
2970	0.002
2971	0.003
2972	0.003
2973	0.003
2974	0.003
2975	0.002
2976	0.002
2977	0.003
2978	0.005
2979	0.004
2980	0.003
2981	0.003
2982	0.003
2983	0.003
2984	0.002
2985	0.002
2986	0.002
2987	0.002
2988	0.003
2989	0.003
2990	0.003
2991	0.003
2992	0.002
2993	0.003
2994	0.002
2995	0.003
2996	0.003
2997	0.003
2998	0.004
2999	0.003
3000	0.002
3001	0.002
3002	0.002
3003	0.004
3004	0.005
3005	0.003
3006	0.003
3007	0.004
3008	0.003
3009	0.004
3010	0.006
3011	0.005
3012	0.002
3013	0.003
3014	0.004
3015	0.004
3016	0.003
3017	0.004
3018	0.005
3019	0.003
3020	0.003
3021	0.004
3022	0.003
3023	0.004
3024	0.004
3025	0.003
3026	0.003
3027	0.005
3028	0.003
3029	0.003
3030	0.004
3031	0.005
3032	0.005
3033	0.005
3034	0.004
3035	0.004
3036	0.004
3037	0.003
3038	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3039	0.003
3040	0.003
3041	0.003
3042	0.003
3043	0.003
3044	0.004
3045	0.003
3046	0.003
3047	0.003
3048	0.004
3049	0.003
3050	0.003
3051	0.004
3052	0.004
3053	0.004
3054	0.003
3055	0.004
3056	0.004
3057	0.003
3058	0.005
3059	0.007
3060	0.008
3061	0.008
3062	0.005
3063	0.003
3064	0.003
3065	0.003
3066	0.004
3067	0.004
3068	0.003
3069	0.004
3070	0.005
3071	0.003
3072	0.003
3073	0.004
3074	0.004
3075	0.003
3076	0.003
3077	0.004
3078	0.004
3079	0.008
3080	0.01
3081	0.003
3082	0.003
3083	0.003
3084	0.003
3085	0.003
3086	0.003
3087	0.003
3088	0.003
3089	0.003
3090	0.004
3091	0.003
3092	0.005
3093	0.006
3094	0.004
3095	0.004
3096	0.003
3097	0.003
3098	0.003
3099	0.003
3100	0.003
3101	0.003
3102	0.003
3103	0.003
3104	0.003
3105	0.002
3106	0.002
3107	0.003
3108	0.002
3109	0.003
3110	0.009
3111	0.015
3112	0.015
3113	0.022
3114	0.011
3115	0.005
3116	0.003
3117	0.003
3118	0.003
3119	0.004
3120	0.003
3121	0.002
3122	0.003
3123	0.004
3124	0.003
3125	0.002
3126	0.003
3127	0.006
3128	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3129	0.007
3130	0.006
3131	0.003
3132	0.003
3133	0.003
3134	0.003
3135	0.003
3136	0.003
3137	0.003
3138	0.004
3139	0.003
3140	0.004
3141	0.003
3142	0.003
3143	0.003
3144	0.003
3145	0.003
3146	0.003
3147	0.003
3148	0.003
3149	0.003
3150	0.002
3151	0.003
3152	0.003
3153	0.003
3154	0.003
3155	0.003
3156	0.002
3157	0.003
3158	0.002
3159	0.002
3160	0.004
3161	0.004
3162	0.003
3163	0.003
3164	0.002
3165	0.003
3166	0.006
3167	0.006
3168	0.004
3169	0.004
3170	0.004
3171	0.002
3172	0.003
3173	0.003
3174	0.004
3175	0.005
3176	0.005
3177	0.005
3178	0.006
3179	0.004
3180	0.004
3181	0.003
3182	0.003
3183	0.002
3184	0.003
3185	0.003
3186	0.004
3187	0.004
3188	0.003
3189	0.003
3190	0.003
3191	0.004
3192	0.004
3193	0.003
3194	0.003
3195	0.003
3196	0.003
3197	0.003
3198	0.003
3199	0.003
3200	0.003
3201	0.003
3202	0.003
3203	0.003
3204	0.003
3205	0.003
3206	0.003
3207	0.004
3208	0.004
3209	0.003
3210	0.004
3211	0.003
3212	0.004
3213	0.005
3214	0.005
3215	0.003
3216	0.003
3217	0.003
3218	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3219	0.003
3220	0.003
3221	0.004
3222	0.003
3223	0.005
3224	0.007
3225	0.006
3226	0.006
3227	0.005
3228	0.005
3229	0.007
3230	0.008
3231	0.004
3232	0.003
3233	0.002
3234	0.004
3235	0.005
3236	0.007
3237	0.011
3238	0.022
3239	0.018
3240	0.018
3241	0.022
3242	0.023
3243	0.016
3244	0.004
3245	0.003
3246	0.002
3247	0.003
3248	0.003
3249	0.003
3250	0.003
3251	0.003
3252	0.004
3253	0.003
3254	0.002
3255	0.003
3256	0.003
3257	0.003
3258	0.003
3259	0.003
3260	0.003
3261	0.003
3262	0.004
3263	0.005
3264	0.005
3265	0.004
3266	0.003
3267	0.005
3268	0.005
3269	0.004
3270	0.005
3271	0.006
3272	0.003
3273	0.003
3274	0.003
3275	0.003
3276	0.003
3277	0.003
3278	0.003
3279	0.003
3280	0.003
3281	0.003
3282	0.003
3283	0.003
3284	0.003
3285	0.002
3286	0.003
3287	0.003
3288	0.003
3289	0.004
3290	0.005
3291	0
3292	0.003
3293	0.003
3294	0.003
3295	0.004
3296	0.004
3297	0.004
3298	0.004
3299	0.004
3300	0.004
3301	0.003
3302	0.004
3303	0.004
3304	0.004
3305	0.003
3306	0.003
3307	0.003
3308	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3309	0.005
3310	0.003
3311	0.003
3312	0.003
3313	0.003
3314	0.003
3315	0.003
3316	0.002
3317	0.003
3318	0.003
3319	0.004
3320	0.003
3321	0.003
3322	0.003
3323	0.003
3324	0.002
3325	0.003
3326	0.003
3327	0.003
3328	0.002
3329	0.003
3330	0.002
3331	0.002
3332	0.003
3333	0.002
3334	0.002
3335	0.002
3336	0.003
3337	0.003
3338	0.003
3339	0.003
3340	0.004
3341	0.003
3342	0.002
3343	0.002
3344	0.002
3345	0.002
3346	0.003
3347	0.003
3348	0.002
3349	0.002
3350	0.002
3351	0.003
3352	0.003
3353	0.003
3354	0.003
3355	0.003
3356	0.003
3357	0.003
3358	0.003
3359	0.003
3360	0.004
3361	0.004
3362	0.003
3363	0.003
3364	0.004
3365	0.004
3366	0.003
3367	0.003
3368	0.005
3369	0.004
3370	0.004
3371	0.003
3372	0.004
3373	0.003
3374	0.005
3375	0.005
3376	0.003
3377	0.004
3378	0.003
3379	0.004
3380	0.008
3381	0.011
3382	0.005
3383	0.005
3384	0.003
3385	0.002
3386	0.003
3387	0.003
3388	0.003
3389	0.003
3390	0.003
3391	0.003
3392	0.003
3393	0.003
3394	0.004
3395	0.004
3396	0.003
3397	0.003
3398	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3399	0.005
3400	0.007
3401	0.004
3402	0.004
3403	0.004
3404	0.003
3405	0.003
3406	0.004
3407	0.004
3408	0.003
3409	0.003
3410	0.003
3411	0.003
3412	0.004
3413	0.003
3414	0.002
3415	0.003
3416	0.003
3417	0.003
3418	0.004
3419	0.004
3420	0.009
3421	0.01
3422	0.003
3423	0.003
3424	0.003
3425	0.003
3426	0.003
3427	0.003
3428	0.003
3429	0.002
3430	0.002
3431	0.003
3432	0.004
3433	0.005
3434	0.004
3435	0.004
3436	0.006
3437	0.015
3438	0.007
3439	0.004
3440	0.005
3441	0.003
3442	0.004
3443	0.009
3444	0.01
3445	0.004
3446	0.004
3447	0.005
3448	0.005
3449	0.003
3450	0.003
3451	0.003
3452	0.003
3453	0.003
3454	0.004
3455	0.003
3456	0.005
3457	0.006
3458	0.003
3459	0.003
3460	0.003
3461	0.003
3462	0.003
3463	0.003
3464	0.002
3465	0.003
3466	0.003
3467	0.003
3468	0.003
3469	0.003
3470	0.004
3471	0.003
3472	0.002
3473	0.003
3474	0.003
3475	0.002
3476	0.003
3477	0.003
3478	0.004
3479	0.004
3480	0.003
3481	0.004
3482	0.005
3483	0.005
3484	0.006
3485	0.005
3486	0.005
3487	0.004
3488	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3489	0.002
3490	0.003
3491	0.004
3492	0.003
3493	0.003
3494	0.003
3495	0.002
3496	0.003
3497	0.004
3498	0.004
3499	0.003
3500	0.003
3501	0.003
3502	0.003
3503	0.003
3504	0.003
3505	0.003
3506	0.003
3507	0.003
3508	0.003
3509	0.003
3510	0.003
3511	0.002
3512	0.003
3513	0.003
3514	0.003
3515	0.003
3516	0.004
3517	0.004
3518	0.004
3519	0.005
3520	0.009
3521	0.009
3522	0.008
3523	0.007
3524	0.007
3525	0.007
3526	0.008
3527	0.006
3528	0.007
3529	0.007
3530	0.006
3531	0.005
3532	0.005
3533	0.005
3534	0.006
3535	0.008
3536	0.01
3537	0.01
3538	0.01
3539	0.009
3540	0.009
3541	0.009
3542	0.008
3543	0.007
3544	0.006
3545	0.005
3546	0.005
3547	0.006
3548	0.007
3549	0.007
3550	0.006
3551	0.005
3552	0.005
3553	0.006
3554	0.007
3555	0.005
3556	0.005
3557	0.005
3558	0.005
3559	0.005
3560	0.005
3561	0.005
3562	0.004
3563	0.004
3564	0.004
3565	0.005
3566	0.006
3567	0.005
3568	0.005
3569	0.006
3570	0.005
3571	0.005
3572	0.005
3573	0.005
3574	0.006
3575	0.007
3576	0.006
3577	0.007
3578	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3579	0.004
3580	0.005
3581	0.014
3582	0.017
3583	0.009
3584	0.009
3585	0.009
3586	0.011
3587	0.006
3588	0.004
3589	0.008
3590	0.004
3591	0.004
3592	0.004
3593	0.005
3594	0.005
3595	0.004
3596	0.003
3597	0.004
3598	0.004
3599	0.003
3600	0.003
3601	0.003
3602	0.004
3603	0.003
3604	0.002
3605	0.003
3606	0.005
3607	0.005
3608	0.004
3609	0.004
3610	0.004
3611	0.004
3612	0.005
3613	0.006
3614	0.007
3615	0.004
3616	0.005
3617	0.005
3618	0.004
3619	0.004
3620	0.004
3621	0.004
3622	0.005
3623	0.005
3624	0.005
3625	0.006
3626	0.006
3627	0.006
3628	0.006
3629	0.004
3630	0.004
3631	0.005
3632	0.006
3633	0.006
3634	0.006
3635	0.005
3636	0.005
3637	0.004
3638	0.005
3639	0.005
3640	0.005
3641	0.005
3642	0.013
3643	0.015
3644	0.009
3645	0.007
3646	0.016
3647	0.034
3648	0.047
3649	0.055
3650	0.059
3651	0.039
3652	0.025
3653	0.022
3654	0.02
3655	0.02
3656	0.03
3657	0.028
3658	0.012
3659	0.012
3660	0.012
3661	0.006
3662	0.019
3663	0.032
3664	0.022
3665	0.011
3666	0.009
3667	0.007
3668	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3669	0.005
3670	0.005
3671	0.005
3672	0.006
3673	0.004
3674	0.004
3675	0.006
3676	0.005
3677	0.005
3678	0.004
3679	0.004
3680	0.004
3681	0.007
3682	0.006
3683	0.008
3684	0.011
3685	0.009
3686	0.006
3687	0.003
3688	0.004
3689	0.003
3690	0.003
3691	0.004
3692	0.004
3693	0.003
3694	0.003
3695	0.004
3696	0.004
3697	0.003
3698	0.003
3699	0.003
3700	0.003
3701	0.003
3702	0.004
3703	0.004
3704	0.003
3705	0.003
3706	0.002
3707	0.003
3708	0.002
3709	0.002
3710	0.003
3711	0.002
3712	0.004
3713	0.004
3714	0.005
3715	0.005
3716	0.004
3717	0.003
3718	0.003
3719	0.003
3720	0.003
3721	0.002
3722	0.004
3723	0.004
3724	0.003
3725	0.003
3726	0.004
3727	0.006
3728	0.005
3729	0.004
3730	0.004
3731	0.005
3732	0.004
3733	0.004
3734	0.004
3735	0.003
3736	0.004
3737	0.006
3738	0.01
3739	0.011
3740	0.006
3741	0.005
3742	0.004
3743	0.007
3744	0.01
3745	0.013
3746	0.014
3747	0.013
3748	0.009
3749	0.008
3750	0.007
3751	0.004
3752	0.008
3753	0.011
3754	0.009
3755	0.01
3756	0.01
3757	0.006
3758	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3759	0.009
3760	0.01
3761	0.012
3762	0.008
3763	0.007
3764	0.004
3765	0.004
3766	0.005
3767	0.004
3768	0.004
3769	0.004
3770	0.003
3771	0.003
3772	0.003
3773	0.003
3774	0.003
3775	0.003
3776	0.004
3777	0.003
3778	0.004
3779	0.004
3780	0.003
3781	0.003
3782	0.003
3783	0.004
3784	0.004
3785	0.004
3786	0.004
3787	0.004
3788	0.004
3789	0.003
3790	0.003
3791	0.003
3792	0.003
3793	0.003
3794	0.004
3795	0.004
3796	0.003
3797	0.004
3798	0.004
3799	0.004
3800	0.003
3801	0.003
3802	0.003
3803	0.002
3804	0.003
3805	0.003
3806	0.004
3807	0.005
3808	0.005
3809	0.003
3810	0.003
3811	0.003
3812	0.002
3813	0.002
3814	0.002
3815	0.003
3816	0.003
3817	0.004
3818	0.003
3819	0.004
3820	0.005
3821	0.007
3822	0.008
3823	0.006
3824	0.006
3825	0.01
3826	0.028
3827	0.038
3828	0.03
3829	0.024
3830	0.028
3831	0.023
3832	0.013
3833	0.012
3834	0.011
3835	0.007
3836	0.008
3837	0.007
3838	0.005
3839	0.008
3840	0.01
3841	0.006
3842	0.005
3843	0.004
3844	0.004
3845	0.003
3846	0.004
3847	0.003
3848	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3849	0.005
3850	0.004
3851	0.004
3852	0.005
3853	0.005
3854	0.006
3855	0.003
3856	0.004
3857	0.003
3858	0.003
3859	0.002
3860	0.003
3861	0.003
3862	0.003
3863	0.004
3864	0.003
3865	0.003
3866	0.003
3867	0.004
3868	0.005
3869	0.007
3870	0.01
3871	0.012
3872	0.01
3873	0.011
3874	0.009
3875	0.01
3876	0.006
3877	0.007
3878	0.008
3879	0.007
3880	0.007
3881	0.012
3882	0.009
3883	0.005
3884	0.005
3885	0.003
3886	0.002
3887	0.003
3888	0.002
3889	0.004
3890	0.003
3891	0.003
3892	0.003
3893	0.002
3894	0.01
3895	0.027
3896	0.028
3897	0.028
3898	0.025
3899	0.023
3900	0.023
3901	0.028
3902	0.019
3903	0.026
3904	0.024
3905	0.025
3906	0.024
3907	0.017
3908	0.015
3909	0.011
3910	0.009
3911	0.016
3912	0.011
3913	0.007
3914	0.005
3915	0.005
3916	0.004
3917	0.006
3918	0.007
3919	0.018
3920	0.036
3921	0.025
3922	0.017
3923	0.019
3924	0.011
3925	0.006
3926	0.005
3927	0.004
3928	0.004
3929	0.004
3930	0.002
3931	0.002
3932	0.003
3933	0.003
3934	0.002
3935	0.002
3936	0.002
3937	0.002
3938	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

3939	0.003
3940	0.002
3941	0.002
3942	0.003
3943	0.003
3944	0.002
3945	0.002
3946	0.002
3947	0.002
3948	0.004
3949	0.005
3950	0.005
3951	0.004
3952	0.004
3953	0.003
3954	0.005
3955	0.003
3956	0.003
3957	0.004
3958	0.006
3959	0.003
3960	0.002
3961	0.003
3962	0.003
3963	0.004
3964	0.003
3965	0.002
3966	0.005
3967	0.006
3968	0.004
3969	0.005
3970	0.009
3971	0.011
3972	0.009
3973	0.018
3974	0.031
3975	0.019
3976	0.01
3977	0.006
3978	0.004
3979	0.004
3980	0.002
3981	0.002
3982	0.006
3983	0.007
3984	0.003
3985	0.003
3986	0.003
3987	0.004
3988	0.003
3989	0.004
3990	0.004
3991	0.003
3992	0.003
3993	0.005
3994	0.008
3995	0.007
3996	0.008
3997	0.01
3998	0.005
3999	0.006
4000	0.004
4001	0.003
4002	0.004
4003	0.007
4004	0.003
4005	0.003
4006	0.005
4007	0.003
4008	0.003
4009	0.003
4010	0.003
4011	0.005
4012	0.004
4013	0.003
4014	0.004
4015	0.003
4016	0.002
4017	0.002
4018	0.002
4019	0.003
4020	0.003
4021	0.006
4022	0.007
4023	0.002
4024	0.002
4025	0.003
4026	0.002
4027	0.003
4028	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4029	0.002
4030	0.002
4031	0.004
4032	0.005
4033	0.006
4034	0.005
4035	0.004
4036	0.003
4037	0.003
4038	0.005
4039	0.005
4040	0.003
4041	0.004
4042	0.002
4043	0.003
4044	0.002
4045	0.003
4046	0.006
4047	0.005
4048	0.002
4049	0.004
4050	0.004
4051	0.005
4052	0.003
4053	0.002
4054	0.003
4055	0.002
4056	0.002
4057	0.002
4058	0.002
4059	0.003
4060	0.002
4061	0.002
4062	0.003
4063	0.003
4064	0.002
4065	0.002
4066	0.003
4067	0.003
4068	0.003
4069	0.003
4070	0.003
4071	0.004
4072	0.002
4073	0.003
4074	0.003
4075	0.002
4076	0.003
4077	0.003
4078	0.003
4079	0.003
4080	0.003
4081	0.003
4082	0.003
4083	0.004
4084	0.004
4085	0.003
4086	0.003
4087	0.003
4088	0.003
4089	0.004
4090	0.004
4091	0.004
4092	0.003
4093	0.003
4094	0.003
4095	0.003
4096	0.003
4097	0.003
4098	0.002
4099	0.002
4100	0.002
4101	0.002
4102	0.002
4103	0.003
4104	0.002
4105	0.002
4106	0.002
4107	0.003
4108	0.003
4109	0.003
4110	0.004
4111	0.008
4112	0.007
4113	0.003
4114	0.003
4115	0.004
4116	0.003
4117	0.004
4118	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4119	0.003
4120	0.002
4121	0.002
4122	0.003
4123	0.003
4124	0.002
4125	0.002
4126	0.002
4127	0.003
4128	0.003
4129	0.003
4130	0.003
4131	0.003
4132	0.004
4133	0.002
4134	0.002
4135	0.002
4136	0.002
4137	0.003
4138	0.002
4139	0.002
4140	0.003
4141	0.003
4142	0.003
4143	0.003
4144	0.004
4145	0.004
4146	0.003
4147	0.004
4148	0.004
4149	0.002
4150	0.002
4151	0.002
4152	0.002
4153	0.003
4154	0.002
4155	0.003
4156	0.003
4157	0.002
4158	0.002
4159	0.003
4160	0.003
4161	0.004
4162	0.003
4163	0.003
4164	0.005
4165	0.005
4166	0.002
4167	0.002
4168	0.002
4169	0.002
4170	0.003
4171	0.004
4172	0.003
4173	0.002
4174	0.002
4175	0.002
4176	0.002
4177	0.003
4178	0.003
4179	0.003
4180	0.004
4181	0.004
4182	0.003
4183	0.004
4184	0.004
4185	0.003
4186	0.003
4187	0.003
4188	0.002
4189	0.002
4190	0.003
4191	0.003
4192	0.003
4193	0.003
4194	0.003
4195	0.003
4196	0.003
4197	0.003
4198	0.003
4199	0.002
4200	0.003
4201	0.003
4202	0.003
4203	0.004
4204	0.003
4205	0.002
4206	0.003
4207	0.003
4208	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4209	0.01
4210	0.004
4211	0.003
4212	0.003
4213	0.003
4214	0.002
4215	0.003
4216	0.004
4217	0.004
4218	0.003
4219	0.003
4220	0.003
4221	0.003
4222	0.003
4223	0.003
4224	0.002
4225	0.003
4226	0.004
4227	0.004
4228	0.003
4229	0.003
4230	0.003
4231	0.004
4232	0.003
4233	0.003
4234	0.003
4235	0.004
4236	0.004
4237	0.005
4238	0.005
4239	0.007
4240	0.011
4241	0.009
4242	0.007
4243	0.007
4244	0.005
4245	0.002
4246	0.003
4247	0.003
4248	0.003
4249	0.003
4250	0.003
4251	0.003
4252	0.004
4253	0.003
4254	0.003
4255	0.003
4256	0.003
4257	0.003
4258	0.003
4259	0.004
4260	0.006
4261	0.007
4262	0.002
4263	0.003
4264	0.004
4265	0.004
4266	0.003
4267	0.003
4268	0.003
4269	0.004
4270	0.003
4271	0.003
4272	0.006
4273	0.007
4274	0.003
4275	0.003
4276	0.002
4277	0.003
4278	0.003
4279	0.005
4280	0.006
4281	0.003
4282	0.003
4283	0.003
4284	0.003
4285	0.003
4286	0.005
4287	0.004
4288	0.004
4289	0.004
4290	0.004
4291	0.006
4292	0.004
4293	0.003
4294	0.003
4295	0.004
4296	0.005
4297	0.005
4298	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4299	0.012
4300	0.012
4301	0.009
4302	0.003
4303	0.003
4304	0.003
4305	0.003
4306	0.004
4307	0.005
4308	0.007
4309	0.009
4310	0.006
4311	0.006
4312	0.007
4313	0.006
4314	0.004
4315	0.004
4316	0.003
4317	0.003
4318	0.004
4319	0.006
4320	0.005
4321	0.005
4322	0.006
4323	0.004
4324	0.003
4325	0.004
4326	0.005
4327	0.006
4328	0.006
4329	0.01
4330	0.006
4331	0.005
4332	0.007
4333	0.009
4334	0.008
4335	0.005
4336	0.004
4337	0.005
4338	0.004
4339	0.004
4340	0.005
4341	0.002
4342	0.002
4343	0.003
4344	0.003
4345	0.002
4346	0.003
4347	0.004
4348	0.003
4349	0.004
4350	0.004
4351	0.003
4352	0.003
4353	0.003
4354	0.003
4355	0.004
4356	0.004
4357	0.003
4358	0.003
4359	0.003
4360	0.003
4361	0.003
4362	0.003
4363	0.003
4364	0.003
4365	0.002
4366	0.007
4367	0.013
4368	0.01
4369	0.006
4370	0.005
4371	0.005
4372	0.003
4373	0.003
4374	0.003
4375	0.004
4376	0.005
4377	0.005
4378	0.003
4379	0.003
4380	0.003
4381	0.003
4382	0.004
4383	0.003
4384	0.003
4385	0.003
4386	0.003
4387	0.004
4388	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4389	0.005
4390	0.004
4391	0.004
4392	0.003
4393	0.003
4394	0.004
4395	0.005
4396	0.005
4397	0.004
4398	0.004
4399	0.004
4400	0.004
4401	0.005
4402	0.005
4403	0.004
4404	0.003
4405	0.004
4406	0.006
4407	0.006
4408	0.004
4409	0.003
4410	0.004
4411	0.004
4412	0.007
4413	0.008
4414	0.004
4415	0.004
4416	0.004
4417	0.007
4418	0.007
4419	0.004
4420	0.004
4421	0.005
4422	0.005
4423	0.004
4424	0.004
4425	0.005
4426	0.004
4427	0.004
4428	0.004
4429	0.004
4430	0.005
4431	0.008
4432	0.006
4433	0.006
4434	0.005
4435	0.005
4436	0.004
4437	0.004
4438	0.003
4439	0.004
4440	0.005
4441	0.005
4442	0.006
4443	0.003
4444	0.004
4445	0.004
4446	0.004
4447	0.005
4448	0.005
4449	0.004
4450	0.004
4451	0.003
4452	0.004
4453	0.003
4454	0.005
4455	0.005
4456	0.005
4457	0.004
4458	0.003
4459	0.006
4460	0.006
4461	0.004
4462	0.004
4463	0.006
4464	0.008
4465	0.006
4466	0.004
4467	0.004
4468	0.003
4469	0.004
4470	0.004
4471	0.004
4472	0.004
4473	0.004
4474	0.003
4475	0.004
4476	0.007
4477	0.006
4478	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4479	0.003
4480	0.004
4481	0.006
4482	0.004
4483	0.005
4484	0.004
4485	0.004
4486	0.004
4487	0.003
4488	0.003
4489	0.004
4490	0.003
4491	0.004
4492	0.003
4493	0.003
4494	0.004
4495	0.004
4496	0.006
4497	0.005
4498	0.003
4499	0.004
4500	0.004
4501	0.005
4502	0.004
4503	0.004
4504	0.004
4505	0.003
4506	0.003
4507	0.003
4508	0.004
4509	0.004
4510	0.004
4511	0.004
4512	0.004
4513	0.004
4514	0.005
4515	0.004
4516	0.004
4517	0.004
4518	0.005
4519	0.005
4520	0.004
4521	0.004
4522	0.005
4523	0.005
4524	0.004
4525	0.004
4526	0.004
4527	0.004
4528	0.004
4529	0.003
4530	0.003
4531	0.004
4532	0.005
4533	0.004
4534	0.004
4535	0.003
4536	0.004
4537	0.004
4538	0.005
4539	0.005
4540	0.004
4541	0.005
4542	0.004
4543	0.004
4544	0.003
4545	0.003
4546	0.004
4547	0.004
4548	0.004
4549	0.004
4550	0.004
4551	0.003
4552	0.003
4553	0.003
4554	0.003
4555	0.003
4556	0.003
4557	0.003
4558	0.003
4559	0.003
4560	0.004
4561	0.003
4562	0.003
4563	0.004
4564	0.003
4565	0.003
4566	0.003
4567	0.003
4568	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4569	0.004
4570	0.003
4571	0.003
4572	0.004
4573	0.004
4574	0.003
4575	0.003
4576	0.003
4577	0.005
4578	0.006
4579	0.004
4580	0.003
4581	0.004
4582	0.003
4583	0.004
4584	0.004
4585	0.003
4586	0.004
4587	0.003
4588	0.003
4589	0.003
4590	0.003
4591	0.003
4592	0.003
4593	0.004
4594	0.003
4595	0.003
4596	0.003
4597	0.004
4598	0.003
4599	0.003
4600	0.004
4601	0.004
4602	0.004
4603	0.003
4604	0.003
4605	0.005
4606	0.006
4607	0.004
4608	0.003
4609	0.003
4610	0.006
4611	0.005
4612	0.003
4613	0.003
4614	0.004
4615	0.003
4616	0.004
4617	0.004
4618	0.005
4619	0.008
4620	0.005
4621	0.003
4622	0.005
4623	0.005
4624	0.004
4625	0.004
4626	0.004
4627	0.004
4628	0.003
4629	0.003
4630	0.004
4631	0.003
4632	0.006
4633	0.008
4634	0.006
4635	0.009
4636	0.01
4637	0.013
4638	0.005
4639	0.004
4640	0.004
4641	0.004
4642	0.003
4643	0.003
4644	0.003
4645	0.003
4646	0.003
4647	0.004
4648	0.008
4649	0.01
4650	0.005
4651	0.005
4652	0.004
4653	0.003
4654	0.003
4655	0.004
4656	0.004
4657	0.005
4658	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4659	0.004
4660	0.004
4661	0.003
4662	0.003
4663	0.004
4664	0.004
4665	0.005
4666	0.005
4667	0.004
4668	0.004
4669	0.005
4670	0.005
4671	0.005
4672	0.005
4673	0.004
4674	0.005
4675	0.006
4676	0.005
4677	0.005
4678	0.005
4679	0.004
4680	0.004
4681	0.004
4682	0.005
4683	0.004
4684	0.004
4685	0.004
4686	0.005
4687	0.004
4688	0.004
4689	0.005
4690	0.004
4691	0.004
4692	0.005
4693	0.005
4694	0.006
4695	0.006
4696	0.006
4697	0.006
4698	0.007
4699	0.006
4700	0.005
4701	0.005
4702	0.005
4703	0.004
4704	0.004
4705	0.003
4706	0.004
4707	0.004
4708	0.003
4709	0.004
4710	0.004
4711	0.003
4712	0.004
4713	0.006
4714	0.005
4715	0.003
4716	0.004
4717	0.004
4718	0.004
4719	0.004
4720	0.003
4721	0.004
4722	0.004
4723	0.004
4724	0.004
4725	0.004
4726	0.004
4727	0.003
4728	0.004
4729	0.004
4730	0.003
4731	0.003
4732	0.003
4733	0.003
4734	0.004
4735	0.004
4736	0.004
4737	0.004
4738	0.004
4739	0.005
4740	0.004
4741	0.007
4742	0.012
4743	0.006
4744	0.004
4745	0.005
4746	0.006
4747	0.003
4748	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4749	0.004
4750	0.005
4751	0.004
4752	0.005
4753	0.006
4754	0.004
4755	0.005
4756	0.005
4757	0.005
4758	0.005
4759	0.003
4760	0.003
4761	0.004
4762	0.004
4763	0.004
4764	0.004
4765	0.004
4766	0.005
4767	0.005
4768	0.004
4769	0.005
4770	0.005
4771	0.004
4772	0.004
4773	0.004
4774	0.004
4775	0.003
4776	0.004
4777	0.004
4778	0.003
4779	0.005
4780	0.005
4781	0.004
4782	0.005
4783	0.004
4784	0.004
4785	0.005
4786	0.006
4787	0.004
4788	0.004
4789	0.004
4790	0.004
4791	0.004
4792	0.004
4793	0.006
4794	0.004
4795	0.003
4796	0.004
4797	0.004
4798	0.004
4799	0.004
4800	0.006
4801	0.004
4802	0.004
4803	0.004
4804	0.027
4805	0.035
4806	0.007
4807	0.004
4808	0.004
4809	0.004
4810	0.004
4811	0.003
4812	0.003
4813	0.003
4814	0.003
4815	0.004
4816	0.004
4817	0.004
4818	0.004
4819	0.004
4820	0.004
4821	0.003
4822	0.003
4823	0.003
4824	0.003
4825	0.003
4826	0.004
4827	0.004
4828	0.005
4829	0.005
4830	0.011
4831	0.018
4832	0.019
4833	0.011
4834	0.01
4835	0.004
4836	0.004
4837	0.006
4838	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4839	0.003
4840	0.004
4841	0.003
4842	0.003
4843	0.004
4844	0.003
4845	0.002
4846	0.003
4847	0.004
4848	0.003
4849	0.003
4850	0.003
4851	0.003
4852	0.004
4853	0.004
4854	0.004
4855	0.003
4856	0.003
4857	0.003
4858	0.003
4859	0.003
4860	0.003
4861	0.003
4862	0.004
4863	0.004
4864	0.003
4865	0.003
4866	0.005
4867	0.005
4868	0.004
4869	0.003
4870	0.003
4871	0.003
4872	0.003
4873	0.003
4874	0.003
4875	0.003
4876	0.004
4877	0.003
4878	0.003
4879	0.003
4880	0.003
4881	0.004
4882	0.004
4883	0.003
4884	0.004
4885	0.004
4886	0.004
4887	0.004
4888	0.004
4889	0.004
4890	0.004
4891	0.004
4892	0.004
4893	0.005
4894	0.005
4895	0.004
4896	0.005
4897	0.011
4898	0.012
4899	0.004
4900	0.004
4901	0.004
4902	0.003
4903	0.002
4904	0.003
4905	0.003
4906	0.003
4907	0.004
4908	0.004
4909	0.003
4910	0.003
4911	0.004
4912	0.004
4913	0.004
4914	0.004
4915	0.005
4916	0.005
4917	0.005
4918	0.005
4919	0.006
4920	0.003
4921	0.004
4922	0.004
4923	0.004
4924	0.003
4925	0.003
4926	0.007
4927	0.006
4928	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

4929	0.004
4930	0.005
4931	0.005
4932	0.005
4933	0.005
4934	0.005
4935	0.005
4936	0.004
4937	0.004
4938	0.005
4939	0.005
4940	0.005
4941	0.005
4942	0.004
4943	0.004
4944	0.005
4945	0.005
4946	0.005
4947	0.005
4948	0.005
4949	0.005
4950	0.004
4951	0.004
4952	0.005
4953	0.008
4954	0.007
4955	0.006
4956	0.006
4957	0.005
4958	0.006
4959	0.005
4960	0.005
4961	0.005
4962	0.004
4963	0.004
4964	0.004
4965	0.004
4966	0.004
4967	0.004
4968	0.004
4969	0.004
4970	0.004
4971	0.004
4972	0.004
4973	0.005
4974	0.006
4975	0.007
4976	0.006
4977	0.005
4978	0.004
4979	0.004
4980	0.005
4981	0.004
4982	0.004
4983	0.004
4984	0.004
4985	0.005
4986	0.007
4987	0.01
4988	0.028
4989	0.027
4990	0.009
4991	0.007
4992	0.007
4993	0.008
4994	0.006
4995	0.008
4996	0.008
4997	0.008
4998	0.012
4999	0.007
5000	0.004
5001	0.004
5002	0.004
5003	0.004
5004	0.004
5005	0.004
5006	0.003
5007	0.003
5008	0.003
5009	0.003
5010	0.003
5011	0.004
5012	0.004
5013	0.004
5014	0.003
5015	0.003
5016	0.005
5017	0.006
5018	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5019	0.005
5020	0.005
5021	0.004
5022	0.004
5023	0.005
5024	0.005
5025	0.004
5026	0.003
5027	0.002
5028	0.003
5029	0.004
5030	0.005
5031	0.004
5032	0.003
5033	0.003
5034	0.003
5035	0.003
5036	0.003
5037	0.004
5038	0.005
5039	0.003
5040	0.004
5041	0.003
5042	0.003
5043	0.004
5044	0.007
5045	0.012
5046	0.006
5047	0.006
5048	0.009
5049	0.008
5050	0.011
5051	0.005
5052	0.004
5053	0.003
5054	0.004
5055	0.003
5056	0.003
5057	0.003
5058	0.003
5059	0.003
5060	0.003
5061	0.004
5062	0.003
5063	0.003
5064	0.005
5065	0.004
5066	0.004
5067	0.004
5068	0.004
5069	0.005
5070	0.004
5071	0.004
5072	0.003
5073	0.003
5074	0.002
5075	0.003
5076	0.003
5077	0.003
5078	0.003
5079	0.004
5080	0.005
5081	0.004
5082	0.003
5083	0.003
5084	0.003
5085	0.004
5086	0.004
5087	0.003
5088	0.003
5089	0.004
5090	0.006
5091	0.001
5092	0.004
5093	0.003
5094	0.003
5095	0.004
5096	0.004
5097	0.003
5098	0.003
5099	0.005
5100	0.006
5101	0.004
5102	0.004
5103	0.003
5104	0.003
5105	0.003
5106	0.003
5107	0.003
5108	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5109	0.003
5110	0.003
5111	0.003
5112	0.003
5113	0.003
5114	0.003
5115	0.004
5116	0.004
5117	0.004
5118	0.005
5119	0.006
5120	0.007
5121	0.007
5122	0.007
5123	0.006
5124	0.007
5125	0.006
5126	0.004
5127	0.005
5128	0.004
5129	0.004
5130	0.003
5131	0.003
5132	0.003
5133	0.004
5134	0.004
5135	0.004
5136	0.005
5137	0.004
5138	0.004
5139	0.004
5140	0.004
5141	0.004
5142	0.004
5143	0.004
5144	0.004
5145	0.005
5146	0.003
5147	0.006
5148	0.003
5149	0.003
5150	0.003
5151	0.003
5152	0.003
5153	0.004
5154	0.003
5155	0.004
5156	0.003
5157	0.003
5158	0.003
5159	0.003
5160	0.003
5161	0.003
5162	0.003
5163	0.002
5164	0.003
5165	0.002
5166	0.003
5167	0.003
5168	0.002
5169	0.002
5170	0.003
5171	0.004
5172	0.003
5173	0.005
5174	0.005
5175	0.004
5176	0.007
5177	0.005
5178	0.002
5179	0.003
5180	0.002
5181	0.002
5182	0.003
5183	0.003
5184	0.004
5185	0.005
5186	0.005
5187	0.005
5188	0.006
5189	0.004
5190	0.003
5191	0.003
5192	0.005
5193	0.006
5194	0.003
5195	0.003
5196	0.004
5197	0.003
5198	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5199	0.003
5200	0.003
5201	0.004
5202	0.003
5203	0.003
5204	0.003
5205	0.002
5206	0.004
5207	0.003
5208	0.002
5209	0.002
5210	0.002
5211	0.003
5212	0.003
5213	0.003
5214	0.003
5215	0.003
5216	0.005
5217	0.006
5218	0.003
5219	0.003
5220	0.003
5221	0.003
5222	0.003
5223	0.003
5224	0.003
5225	0.004
5226	0.01
5227	0.019
5228	0.021
5229	0.019
5230	0.017
5231	0.018
5232	0.018
5233	0.017
5234	0.027
5235	0.019
5236	0.011
5237	0.005
5238	0.003
5239	0.002
5240	0.004
5241	0.004
5242	0.003
5243	0.003
5244	0.003
5245	0.003
5246	0.004
5247	0.003
5248	0.003
5249	0.004
5250	0.012
5251	0.015
5252	0.011
5253	0.009
5254	0.007
5255	0.007
5256	0.005
5257	0.005
5258	0.002
5259	0.003
5260	0.003
5261	0.003
5262	0.005
5263	0.01
5264	0.011
5265	0.008
5266	0.004
5267	0.007
5268	0.004
5269	0.005
5270	0.005
5271	0.003
5272	0.003
5273	0.003
5274	0.003
5275	0.003
5276	0.003
5277	0.004
5278	0.006
5279	0.009
5280	0.011
5281	0.017
5282	0.021
5283	0.02
5284	0.013
5285	0.008
5286	0.004
5287	0.003
5288	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5289	0.002
5290	0.003
5291	0.004
5292	0.006
5293	0.01
5294	0.011
5295	0.008
5296	0.008
5297	0.005
5298	0.005
5299	0.006
5300	0.002
5301	0.003
5302	0.005
5303	0.007
5304	0.003
5305	0.003
5306	0.003
5307	0.002
5308	0.002
5309	0.003
5310	0.004
5311	0.003
5312	0.004
5313	0.005
5314	0.003
5315	0.002
5316	0.003
5317	0.003
5318	0.002
5319	0.004
5320	0.003
5321	0.005
5322	0.009
5323	0.008
5324	0.004
5325	0.004
5326	0.003
5327	0.003
5328	0.002
5329	0.002
5330	0.002
5331	0.004
5332	0.004
5333	0.004
5334	0.003
5335	0.003
5336	0.004
5337	0.004
5338	0.004
5339	0.004
5340	0.003
5341	0.002
5342	0.003
5343	0.003
5344	0.002
5345	0.003
5346	0.004
5347	0.003
5348	0.004
5349	0.003
5350	0.004
5351	0.005
5352	0.005
5353	0.006
5354	0.007
5355	0.004
5356	0.003
5357	0.007
5358	0.007
5359	0.005
5360	0.006
5361	0.002
5362	0.003
5363	0.003
5364	0.003
5365	0.004
5366	0.003
5367	0.003
5368	0.003
5369	0.002
5370	0.004
5371	0.002
5372	0.003
5373	0.002
5374	0.002
5375	0.003
5376	0.007
5377	0.008
5378	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5379	0.003
5380	0.003
5381	0.003
5382	0.002
5383	0.002
5384	0.003
5385	0.003
5386	0.003
5387	0.003
5388	0.003
5389	0.003
5390	0.003
5391	0.004
5392	0.004
5393	0.003
5394	0.003
5395	0.003
5396	0.003
5397	0.003
5398	0.002
5399	0.003
5400	0.003
5401	0.002
5402	0.002
5403	0.002
5404	0.002
5405	0.003
5406	0.007
5407	0.01
5408	0.01
5409	0.011
5410	0.008
5411	0.005
5412	0.006
5413	0.008
5414	0.008
5415	0.007
5416	0.006
5417	0.009
5418	0.011
5419	0.031
5420	0.027
5421	0.018
5422	0.021
5423	0.014
5424	0.013
5425	0.02
5426	0.023
5427	0.018
5428	0.015
5429	0.017
5430	0.016
5431	0.009
5432	0.003
5433	0.002
5434	0.002
5435	0.002
5436	0.003
5437	0.003
5438	0.003
5439	0.002
5440	0.002
5441	0.003
5442	0.004
5443	0.004
5444	0.002
5445	0.002
5446	0.004
5447	0.003
5448	0.002
5449	0.003
5450	0.002
5451	0.004
5452	0.004
5453	0.003
5454	0.002
5455	0.003
5456	0.003
5457	0.002
5458	0.003
5459	0.002
5460	0.002
5461	0.003
5462	0.003
5463	0.003
5464	0.003
5465	0.003
5466	0.003
5467	0.003
5468	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5469	0.002
5470	0.002
5471	0.002
5472	0.002
5473	0.003
5474	0.002
5475	0.004
5476	0.005
5477	0.008
5478	0.01
5479	0.004
5480	0.006
5481	0.008
5482	0.006
5483	0.003
5484	0.003
5485	0.004
5486	0.004
5487	0.003
5488	0.002
5489	0.002
5490	0.002
5491	0.002
5492	0.002
5493	0.002
5494	0.002
5495	0.003
5496	0.002
5497	0.002
5498	0.004
5499	0.004
5500	0.004
5501	0.003
5502	0.002
5503	0.002
5504	0.003
5505	0.002
5506	0.003
5507	0.002
5508	0.003
5509	0.003
5510	0.002
5511	0.002
5512	0.002
5513	0.004
5514	0.003
5515	0.003
5516	0.002
5517	0.002
5518	0.003
5519	0.002
5520	0.002
5521	0.002
5522	0.003
5523	0.004
5524	0.002
5525	0.003
5526	0.005
5527	0.006
5528	0.006
5529	0.004
5530	0.004
5531	0.004
5532	0.003
5533	0.002
5534	0.002
5535	0.003
5536	0.004
5537	0.004
5538	0.003
5539	0.003
5540	0.003
5541	0.002
5542	0.003
5543	0.004
5544	0.004
5545	0.003
5546	0.003
5547	0.003
5548	0.003
5549	0.002
5550	0.004
5551	0.004
5552	0.003
5553	0.004
5554	0.003
5555	0.003
5556	0.003
5557	0.007
5558	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5559	0.004
5560	0.004
5561	0.003
5562	0.003
5563	0.003
5564	0.003
5565	0.004
5566	0.006
5567	0.002
5568	0.003
5569	0.003
5570	0.003
5571	0.003
5572	0.004
5573	0.003
5574	0.004
5575	0.004
5576	0.003
5577	0.003
5578	0.004
5579	0.003
5580	0.003
5581	0.003
5582	0.003
5583	0.003
5584	0.003
5585	0.003
5586	0.004
5587	0.003
5588	0.003
5589	0.003
5590	0.003
5591	0.003
5592	0.004
5593	0.005
5594	0.003
5595	0.003
5596	0.004
5597	0.004
5598	0.003
5599	0.003
5600	0.004
5601	0.003
5602	0.004
5603	0.003
5604	0.002
5605	0.003
5606	0.003
5607	0.002
5608	0.003
5609	0.003
5610	0.003
5611	0.002
5612	0.003
5613	0.003
5614	0.001
5615	0.002
5616	0.002
5617	0.002
5618	0.002
5619	0.003
5620	0.003
5621	0.003
5622	0.002
5623	0.002
5624	0.002
5625	0.004
5626	0.003
5627	0.002
5628	0.002
5629	0.002
5630	0.002
5631	0.002
5632	0.002
5633	0.002
5634	0.002
5635	0.002
5636	0.002
5637	0.003
5638	0.003
5639	0.003
5640	0.002
5641	0.003
5642	0.003
5643	0.003
5644	0.002
5645	0.002
5646	0.002
5647	0.002
5648	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5649	0.004
5650	0.006
5651	0.006
5652	0.004
5653	0.007
5654	0.014
5655	0.013
5656	0.03
5657	0.055
5658	0.04
5659	0.048
5660	0.06
5661	0.041
5662	0.031
5663	0.026
5664	0.021
5665	0.018
5666	0.019
5667	0.018
5668	0.019
5669	0.019
5670	0.018
5671	0.016
5672	0.016
5673	0.014
5674	0.01
5675	0.01
5676	0.012
5677	0.015
5678	0.016
5679	0.014
5680	0.014
5681	0.014
5682	0.014
5683	0.015
5684	0.013
5685	0.015
5686	0.016
5687	0.015
5688	0.014
5689	0.01
5690	0.009
5691	0.011
5692	0.012
5693	0.012
5694	0.012
5695	0.013
5696	0.013
5697	0.01
5698	0.008
5699	0.009
5700	0.01
5701	0.012
5702	0.013
5703	0.012
5704	0.014
5705	0.012
5706	0.005
5707	0.003
5708	0.003
5709	0.003
5710	0.003
5711	0.003
5712	0.003
5713	0.003
5714	0.003
5715	0.002
5716	0.003
5717	0.004
5718	0.004
5719	0.003
5720	0.004
5721	0.003
5722	0.004
5723	0.004
5724	0.004
5725	0.004
5726	0.004
5727	0.003
5728	0.005
5729	0.005
5730	0.004
5731	0.004
5732	0.003
5733	0.002
5734	0.005
5735	0.007
5736	0.006
5737	0.007
5738	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5739	0.005
5740	0.006
5741	0.007
5742	0.01
5743	0.011
5744	0.013
5745	0.011
5746	0.007
5747	0.005
5748	0.004
5749	0.003
5750	0.004
5751	0.006
5752	0.006
5753	0.004
5754	0.004
5755	0.004
5756	0.005
5757	0.005
5758	0.004
5759	0.004
5760	0.003
5761	0.003
5762	0.002
5763	0.002
5764	0.002
5765	0.002
5766	0.003
5767	0.003
5768	0.003
5769	0.003
5770	0.003
5771	0.003
5772	0.003
5773	0.003
5774	0.003
5775	0.004
5776	0.004
5777	0.003
5778	0.003
5779	0.003
5780	0.002
5781	0.003
5782	0.003
5783	0.006
5784	0.006
5785	0.006
5786	0.006
5787	0.005
5788	0.006
5789	0.006
5790	0.005
5791	0.004
5792	0.005
5793	0.006
5794	0.004
5795	0.003
5796	0.002
5797	0.003
5798	0.006
5799	0.004
5800	0.004
5801	0.005
5802	0.005
5803	0.004
5804	0.005
5805	0.004
5806	0.004
5807	0.005
5808	0.004
5809	0.005
5810	0.005
5811	0.004
5812	0.006
5813	0.006
5814	0.004
5815	0.004
5816	0.005
5817	0.004
5818	0.005
5819	0.005
5820	0.005
5821	0.005
5822	0.006
5823	0.005
5824	0.004
5825	0.004
5826	0.004
5827	0.004
5828	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5829	0.004
5830	0.005
5831	0.004
5832	0.004
5833	0.003
5834	0.003
5835	0.004
5836	0.005
5837	0.006
5838	0.005
5839	0.004
5840	0.005
5841	0.005
5842	0.004
5843	0.007
5844	0.009
5845	0.012
5846	0.02
5847	0.023
5848	0.023
5849	0.023
5850	0.022
5851	0.022
5852	0.021
5853	0.017
5854	0.016
5855	0.018
5856	0.019
5857	0.018
5858	0.014
5859	0.014
5860	0.012
5861	0.008
5862	0.007
5863	0.005
5864	0.005
5865	0.006
5866	0.007
5867	0.008
5868	0.008
5869	0.009
5870	0.009
5871	0.009
5872	0.009
5873	0.008
5874	0.007
5875	0.007
5876	0.008
5877	0.008
5878	0.008
5879	0.007
5880	0.008
5881	0.008
5882	0.007
5883	0.007
5884	0.008
5885	0.011
5886	0.011
5887	0.008
5888	0.009
5889	0.008
5890	0.01
5891	0.01
5892	0.009
5893	0.009
5894	0.008
5895	0.007
5896	0.006
5897	0.005
5898	0.005
5899	0.005
5900	0.004
5901	0.004
5902	0.005
5903	0.004
5904	0.004
5905	0.007
5906	0.005
5907	0.006
5908	0.005
5909	0.005
5910	0.005
5911	0.003
5912	0.005
5913	0.004
5914	0.003
5915	0.003
5916	0.003
5917	0.003
5918	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

5919	0.003
5920	0.003
5921	0.003
5922	0.003
5923	0.003
5924	0.004
5925	0.004
5926	0.008
5927	0.009
5928	0.003
5929	0.01
5930	0.015
5931	0.007
5932	0.003
5933	0.005
5934	0.006
5935	0.004
5936	0.002
5937	0.003
5938	0.004
5939	0.004
5940	0.005
5941	0.005
5942	0.003
5943	0.004
5944	0.004
5945	0.004
5946	0.005
5947	0.005
5948	0.003
5949	0.004
5950	0.007
5951	0.011
5952	0.004
5953	0.003
5954	0.005
5955	0.005
5956	0.003
5957	0.002
5958	0.003
5959	0.005
5960	0.008
5961	0.003
5962	0.003
5963	0.004
5964	0.004
5965	0.006
5966	0.006
5967	0.004
5968	0.004
5969	0.002
5970	0.003
5971	0.003
5972	0.003
5973	0.003
5974	0.003
5975	0.003
5976	0.003
5977	0.005
5978	0.005
5979	0.003
5980	0.002
5981	0.002
5982	0.002
5983	0.003
5984	0.004
5985	0.004
5986	0.003
5987	0.003
5988	0.003
5989	0.003
5990	0.003
5991	0.003
5992	0.003
5993	0.002
5994	0.003
5995	0.003
5996	0.004
5997	0.003
5998	0.003
5999	0.004
6000	0.003
6001	0.003
6002	0.002
6003	0.002
6004	0.003
6005	0.004
6006	0.005
6007	0.004
6008	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6009	0.004
6010	0.003
6011	0.004
6012	0.003
6013	0.004
6014	0.006
6015	0.006
6016	0.004
6017	0.003
6018	0.008
6019	0.015
6020	0.011
6021	0.012
6022	0.015
6023	0.01
6024	0.011
6025	0.012
6026	0.007
6027	0.007
6028	0.009
6029	0.006
6030	0.008
6031	0.008
6032	0.004
6033	0.004
6034	0.004
6035	0.007
6036	0.007
6037	0.005
6038	0.005
6039	0.005
6040	0.009
6041	0.009
6042	0.005
6043	0.003
6044	0.003
6045	0.004
6046	0.003
6047	0.006
6048	0.006
6049	0.01
6050	0.005
6051	0.004
6052	0.004
6053	0.006
6054	0.006
6055	0.007
6056	0.004
6057	0.005
6058	0.003
6059	0.006
6060	0.008
6061	0.004
6062	0.005
6063	0.005
6064	0.005
6065	0.005
6066	0.004
6067	0.004
6068	0.006
6069	0.007
6070	0.004
6071	0.004
6072	0.004
6073	0.004
6074	0.004
6075	0.004
6076	0.005
6077	0.005
6078	0.004
6079	0.006
6080	0.005
6081	0.005
6082	0.004
6083	0.004
6084	0.004
6085	0.006
6086	0.005
6087	0.005
6088	0.005
6089	0.005
6090	0.006
6091	0.004
6092	0.004
6093	0.004
6094	0.005
6095	0.007
6096	0.008
6097	0.005
6098	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6099	0.004
6100	0.004
6101	0.004
6102	0.004
6103	0.004
6104	0.004
6105	0.004
6106	0.006
6107	0.004
6108	0.004
6109	0.005
6110	0.006
6111	0.004
6112	0.004
6113	0.004
6114	0.004
6115	0.004
6116	0.005
6117	0.004
6118	0.004
6119	0.004
6120	0.004
6121	0.004
6122	0.004
6123	0.004
6124	0.004
6125	0.003
6126	0.003
6127	0.003
6128	0.003
6129	0.004
6130	0.004
6131	0.004
6132	0.004
6133	0.004
6134	0.004
6135	0.004
6136	0.003
6137	0.004
6138	0.005
6139	0.004
6140	0.003
6141	0.004
6142	0.008
6143	0.006
6144	0.005
6145	0.005
6146	0.004
6147	0.003
6148	0.004
6149	0.006
6150	0.006
6151	0.004
6152	0.004
6153	0.006
6154	0.006
6155	0.004
6156	0.004
6157	0.004
6158	0.004
6159	0.004
6160	0.005
6161	0.005
6162	0.005
6163	0.006
6164	0.005
6165	0.005
6166	0.004
6167	0.004
6168	0.005
6169	0.005
6170	0.004
6171	0.005
6172	0.004
6173	0.004
6174	0.006
6175	0.006
6176	0.004
6177	0.004
6178	0.004
6179	0.004
6180	0.004
6181	0.004
6182	0.008
6183	0.007
6184	0.003
6185	0.004
6186	0.004
6187	0.004
6188	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6189	0.003
6190	0.003
6191	0.003
6192	0.003
6193	0.003
6194	0.004
6195	0.004
6196	0.003
6197	0.003
6198	0.003
6199	0.003
6200	0.004
6201	0.003
6202	0.004
6203	0.004
6204	0.003
6205	0.003
6206	0.003
6207	0.003
6208	0.003
6209	0.003
6210	0.004
6211	0.002
6212	0.002
6213	0.003
6214	0.002
6215	0.003
6216	0.004
6217	0.004
6218	0.003
6219	0.004
6220	0.002
6221	0.002
6222	0.003
6223	0.002
6224	0.002
6225	0.003
6226	0.003
6227	0.003
6228	0.003
6229	0.003
6230	0.002
6231	0.003
6232	0.003
6233	0.004
6234	0.003
6235	0.004
6236	0.003
6237	0.003
6238	0.004
6239	0.004
6240	0.004
6241	0.005
6242	0.005
6243	0.004
6244	0.004
6245	0.004
6246	0.004
6247	0.004
6248	0.003
6249	0.003
6250	0.004
6251	0.005
6252	0.004
6253	0.005
6254	0.003
6255	0.004
6256	0.003
6257	0.003
6258	0.003
6259	0.003
6260	0.004
6261	0.004
6262	0.004
6263	0.004
6264	0.005
6265	0.005
6266	0.005
6267	0.005
6268	0.005
6269	0.004
6270	0.004
6271	0.004
6272	0.005
6273	0.004
6274	0.007
6275	0.006
6276	0.004
6277	0.004
6278	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6279	0.003
6280	0.003
6281	0.004
6282	0.005
6283	0.004
6284	0.004
6285	0.005
6286	0.004
6287	0.004
6288	0.004
6289	0.005
6290	0.004
6291	0.003
6292	0.005
6293	0.006
6294	0.005
6295	0.004
6296	0.006
6297	0.005
6298	0.005
6299	0.005
6300	0.004
6301	0.004
6302	0.004
6303	0.003
6304	0.003
6305	0.003
6306	0.003
6307	0.004
6308	0.005
6309	0.005
6310	0.004
6311	0.004
6312	0.004
6313	0.004
6314	0.005
6315	0.005
6316	0.005
6317	0.005
6318	0.004
6319	0.004
6320	0.004
6321	0.004
6322	0.004
6323	0.005
6324	0.006
6325	0.004
6326	0.004
6327	0.005
6328	0.005
6329	0.004
6330	0.006
6331	0.009
6332	0.003
6333	0.004
6334	0.003
6335	0.004
6336	0.006
6337	0.006
6338	0.004
6339	0.003
6340	0.003
6341	0.003
6342	0.003
6343	0.002
6344	0.002
6345	0.003
6346	0.003
6347	0.003
6348	0.004
6349	0.003
6350	0.004
6351	0.019
6352	0.034
6353	0.032
6354	0.024
6355	0.044
6356	0.043
6357	0.013
6358	0.015
6359	0.01
6360	0.011
6361	0.013
6362	0.012
6363	0.016
6364	0.01
6365	0.009
6366	0.01
6367	0.008
6368	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6369	0.007
6370	0.009
6371	0.014
6372	0.015
6373	0.005
6374	0.006
6375	0.006
6376	0.006
6377	0.006
6378	0.008
6379	0.005
6380	0.006
6381	0.006
6382	0.007
6383	0.007
6384	0.005
6385	0.005
6386	0.004
6387	0.003
6388	0.005
6389	0.005
6390	0.004
6391	0.004
6392	0.003
6393	0.004
6394	0.004
6395	0.004
6396	0.014
6397	0.017
6398	0.005
6399	0.004
6400	0.004
6401	0.004
6402	0.004
6403	0.004
6404	0.004
6405	0.004
6406	0.005
6407	0.006
6408	0.004
6409	0.003
6410	0.005
6411	0.004
6412	0.003
6413	0.003
6414	0.003
6415	0.003
6416	0.002
6417	0.002
6418	0.002
6419	0.002
6420	0.002
6421	0.003
6422	0.003
6423	0.002
6424	0.002
6425	0.003
6426	0.003
6427	0.003
6428	0.003
6429	0.003
6430	0.003
6431	0.002
6432	0.002
6433	0.003
6434	0.002
6435	0.003
6436	0.002
6437	0.002
6438	0.003
6439	0.005
6440	0.004
6441	0.003
6442	0.003
6443	0.002
6444	0.004
6445	0.004
6446	0.003
6447	0.003
6448	0.002
6449	0.002
6450	0.004
6451	0.005
6452	0.003
6453	0.003
6454	0.004
6455	0.004
6456	0.005
6457	0.011
6458	0.019

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6459	0.021
6460	0.013
6461	0.013
6462	0.013
6463	0.008
6464	0.005
6465	0.003
6466	0.004
6467	0.004
6468	0.003
6469	0.004
6470	0.003
6471	0.003
6472	0.004
6473	0.004
6474	0.005
6475	0.005
6476	0.004
6477	0.003
6478	0.002
6479	0.002
6480	0.003
6481	0.002
6482	0.002
6483	0.004
6484	0.004
6485	0.003
6486	0.003
6487	0.003
6488	0.003
6489	0.002
6490	0.003
6491	0.003
6492	0.003
6493	0.003
6494	0.002
6495	0.002
6496	0.003
6497	0.002
6498	0.002
6499	0.002
6500	0.003
6501	0.003
6502	0.002
6503	0.003
6504	0.003
6505	0.003
6506	0.003
6507	0.003
6508	0.003
6509	0.003
6510	0.002
6511	0.003
6512	0.002
6513	0.003
6514	0.003
6515	0.004
6516	0.007
6517	0.006
6518	0.003
6519	0.002
6520	0.002
6521	0.002
6522	0.002
6523	0.002
6524	0.002
6525	0.002
6526	0.002
6527	0.003
6528	0.003
6529	0.003
6530	0.003
6531	0.003
6532	0.002
6533	0.003
6534	0.002
6535	0.002
6536	0.002
6537	0.002
6538	0.003
6539	0.004
6540	0.003
6541	0.003
6542	0.003
6543	0.005
6544	0.006
6545	0.004
6546	0.004
6547	0.004
6548	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6549	0.005
6550	0.005
6551	0.004
6552	0.004
6553	0.004
6554	0.004
6555	0.003
6556	0.004
6557	0.005
6558	0.004
6559	0.004
6560	0.003
6561	0.003
6562	0.003
6563	0.003
6564	0.003
6565	0.004
6566	0.005
6567	0.005
6568	0.006
6569	0.006
6570	0.007
6571	0.009
6572	0.014
6573	0.007
6574	0.007
6575	0.008
6576	0.007
6577	0.006
6578	0.005
6579	0.005
6580	0.006
6581	0.008
6582	0.008
6583	0.007
6584	0.007
6585	0.007
6586	0.009
6587	0.011
6588	0.01
6589	0.009
6590	0.008
6591	0.007
6592	0.006
6593	0.005
6594	0.006
6595	0.007
6596	0.008
6597	0.005
6598	0.007
6599	0.009
6600	0.008
6601	0.006
6602	0.006
6603	0.007
6604	0.006
6605	0.006
6606	0.006
6607	0.007
6608	0.008
6609	0.006
6610	0.007
6611	0.005
6612	0.007
6613	0.006
6614	0.007
6615	0.006
6616	0.007
6617	0.008
6618	0.009
6619	0.006
6620	0.005
6621	0.006
6622	0.006
6623	0.006
6624	0.007
6625	0.006
6626	0.005
6627	0.005
6628	0.007
6629	0.008
6630	0.003
6631	0.003
6632	0.002
6633	0.002
6634	0.003
6635	0.004
6636	0.004
6637	0.006
6638	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6639	0.003
6640	0.004
6641	0.005
6642	0.005
6643	0.007
6644	0.009
6645	0.006
6646	0.005
6647	0.005
6648	0.003
6649	0.003
6650	0.004
6651	0.004
6652	0.006
6653	0.004
6654	0.005
6655	0.007
6656	0.009
6657	0.007
6658	0.007
6659	0.004
6660	0.004
6661	0.005
6662	0.007
6663	0.005
6664	0.003
6665	0.003
6666	0.003
6667	0.003
6668	0.004
6669	0.004
6670	0.003
6671	0.004
6672	0.004
6673	0.009
6674	0.009
6675	0.005
6676	0.004
6677	0.003
6678	0.004
6679	0.015
6680	0.024
6681	0.02
6682	0.024
6683	0.015
6684	0.01
6685	0.009
6686	0.008
6687	0.007
6688	0.008
6689	0.021
6690	0.029
6691	0.023
6692	0.018
6693	0.013
6694	0.012
6695	0.008
6696	0.007
6697	0.006
6698	0.012
6699	0.023
6700	0.027
6701	0.023
6702	0.031
6703	0.036
6704	0.028
6705	0.037
6706	0.058
6707	0.056
6708	0.032
6709	0.033
6710	0.041
6711	0.036
6712	0.053
6713	0.065
6714	0.045
6715	0.043
6716	0.068
6717	0.074
6718	0.04
6719	0.026
6720	0.029
6721	0.026
6722	0.027
6723	0.022
6724	0.01
6725	0.014
6726	0.023
6727	0.014
6728	0.02

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6729	0.027
6730	0.018
6731	0.011
6732	0.008
6733	0.008
6734	0.008
6735	0.008
6736	0.008
6737	0.008
6738	0.004
6739	0.004
6740	0.003
6741	0.006
6742	0.006
6743	0.004
6744	0.004
6745	0.004
6746	0.004
6747	0.005
6748	0.007
6749	0.004
6750	0.004
6751	0.005
6752	0.005
6753	0.004
6754	0.003
6755	0.003
6756	0.003
6757	0.004
6758	0.004
6759	0.003
6760	0.003
6761	0.003
6762	0.007
6763	0.009
6764	0.005
6765	0.004
6766	0.005
6767	0.006
6768	0.004
6769	0.004
6770	0.004
6771	0.004
6772	0.004
6773	0.005
6774	0.004
6775	0.004
6776	0.004
6777	0.004
6778	0.004
6779	0.005
6780	0.003
6781	0.004
6782	0.005
6783	0.004
6784	0.004
6785	0.005
6786	0.004
6787	0.005
6788	0.005
6789	0.004
6790	0.007
6791	0.008
6792	0.005
6793	0.004
6794	0.007
6795	0.009
6796	0.005
6797	0.007
6798	0.008
6799	0.011
6800	0.006
6801	0.007
6802	0.006
6803	0.004
6804	0.004
6805	0.004
6806	0.004
6807	0.004
6808	0.006
6809	0.008
6810	0.01
6811	0.011
6812	0.01
6813	0.008
6814	0.005
6815	0.011
6816	0.012
6817	0.006
6818	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6819	0.007
6820	0.005
6821	0.004
6822	0.004
6823	0.005
6824	0.005
6825	0.004
6826	0.005
6827	0.006
6828	0.008
6829	0.009
6830	0.01
6831	0.008
6832	0.006
6833	0.005
6834	0.005
6835	0.017
6836	0.022
6837	0.014
6838	0.021
6839	0.018
6840	0.006
6841	0.006
6842	0.009
6843	0.008
6844	0.007
6845	0.007
6846	0.008
6847	0.007
6848	0.011
6849	0.009
6850	0.007
6851	0.005
6852	0.004
6853	0.004
6854	0.005
6855	0.004
6856	0.005
6857	0.005
6858	0.005
6859	0.005
6860	0.005
6861	0.004
6862	0.005
6863	0.004
6864	0.004
6865	0.005
6866	0.006
6867	0.005
6868	0.004
6869	0.003
6870	0.003
6871	0.004
6872	0.004
6873	0.005
6874	0.003
6875	0.003
6876	0.004
6877	0.004
6878	0.004
6879	0.005
6880	0.004
6881	0.004
6882	0.003
6883	0.003
6884	0.005
6885	0.006
6886	0.005
6887	0.005
6888	0.005
6889	0.005
6890	0.007
6891	0
6892	0.005
6893	0.006
6894	0.005
6895	0.004
6896	0.005
6897	0.004
6898	0.005
6899	0.005
6900	0.003
6901	0.004
6902	0.004
6903	0.004
6904	0.004
6905	0.004
6906	0.004
6907	0.004
6908	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6909	0.005
6910	0.005
6911	0.005
6912	0.004
6913	0.004
6914	0.004
6915	0.004
6916	0.004
6917	0.003
6918	0.003
6919	0.003
6920	0.003
6921	0.003
6922	0.003
6923	0.003
6924	0.004
6925	0.003
6926	0.005
6927	0.003
6928	0.003
6929	0.007
6930	0.008
6931	0.004
6932	0.004
6933	0.003
6934	0.007
6935	0.005
6936	0.004
6937	0.004
6938	0.004
6939	0.003
6940	0.003
6941	0.004
6942	0.004
6943	0.004
6944	0.005
6945	0.005
6946	0.004
6947	0.004
6948	0.004
6949	0.003
6950	0.003
6951	0.004
6952	0.005
6953	0.006
6954	0.007
6955	0.005
6956	0.005
6957	0.007
6958	0.004
6959	0.005
6960	0.005
6961	0.004
6962	0.004
6963	0.003
6964	0.005
6965	0.004
6966	0.004
6967	0.004
6968	0.005
6969	0.004
6970	0.003
6971	0.004
6972	0.004
6973	0.004
6974	0.005
6975	0.004
6976	0.004
6977	0.005
6978	0.005
6979	0.005
6980	0.004
6981	0.003
6982	0.004
6983	0.004
6984	0.004
6985	0.004
6986	0.004
6987	0.003
6988	0.005
6989	0.005
6990	0.003
6991	0.003
6992	0.003
6993	0.003
6994	0.004
6995	0.003
6996	0.004
6997	0.004
6998	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

6999	0.004
7000	0.003
7001	0.004
7002	0.004
7003	0.003
7004	0.004
7005	0.004
7006	0.004
7007	0.006
7008	0.008
7009	0.005
7010	0.005
7011	0.004
7012	0.003
7013	0.003
7014	0.004
7015	0.004
7016	0.005
7017	0.007
7018	0.009
7019	0.01
7020	0.005
7021	0.003
7022	0.003
7023	0.003
7024	0.003
7025	0.004
7026	0.005
7027	0.004
7028	0.003
7029	0.004
7030	0.004
7031	0.003
7032	0.003
7033	0.003
7034	0.002
7035	0.003
7036	0.002
7037	0.003
7038	0.003
7039	0.003
7040	0.002
7041	0.002
7042	0.003
7043	0.003
7044	0.003
7045	0.002
7046	0.002
7047	0.003
7048	0.003
7049	0.003
7050	0.004
7051	0.004
7052	0.003
7053	0.003
7054	0.003
7055	0.003
7056	0.003
7057	0.003
7058	0.004
7059	0.005
7060	0.007
7061	0.005
7062	0.004
7063	0.002
7064	0.003
7065	0.003
7066	0.003
7067	0.004
7068	0.004
7069	0.003
7070	0.003
7071	0.003
7072	0.004
7073	0.005
7074	0.003
7075	0.003
7076	0.003
7077	0.003
7078	0.004
7079	0.003
7080	0.003
7081	0.003
7082	0.003
7083	0.003
7084	0.005
7085	0.004
7086	0.004
7087	0.003
7088	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7089	0.004
7090	0.005
7091	0.004
7092	0.003
7093	0.003
7094	0.004
7095	0.004
7096	0.002
7097	0.002
7098	0.004
7099	0.003
7100	0.003
7101	0.003
7102	0.004
7103	0.004
7104	0.003
7105	0.003
7106	0.004
7107	0.003
7108	0.003
7109	0.003
7110	0.003
7111	0.004
7112	0.003
7113	0.003
7114	0.005
7115	0.005
7116	0.003
7117	0.004
7118	0.005
7119	0.006
7120	0.005
7121	0.004
7122	0.003
7123	0.003
7124	0.002
7125	0.002
7126	0.003
7127	0.003
7128	0.003
7129	0.003
7130	0.003
7131	0.003
7132	0.003
7133	0.002
7134	0.003
7135	0.005
7136	0.007
7137	0.008
7138	0.01
7139	0.009
7140	0.011
7141	0.009
7142	0.009
7143	0.01
7144	0.007
7145	0.008
7146	0.005
7147	0.005
7148	0.006
7149	0.007
7150	0.006
7151	0.005
7152	0.006
7153	0.006
7154	0.008
7155	0.007
7156	0.004
7157	0.005
7158	0.006
7159	0.005
7160	0.004
7161	0.005
7162	0.007
7163	0.006
7164	0.005
7165	0.006
7166	0.006
7167	0.007
7168	0.005
7169	0.007
7170	0.008
7171	0.004
7172	0.003
7173	0.003
7174	0.003
7175	0.003
7176	0.002
7177	0.002
7178	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7179	0.003
7180	0.004
7181	0.005
7182	0.004
7183	0.005
7184	0.004
7185	0.003
7186	0.004
7187	0.005
7188	0.004
7189	0.006
7190	0.004
7191	0.004
7192	0.006
7193	0.007
7194	0.005
7195	0.003
7196	0.003
7197	0.003
7198	0.002
7199	0.002
7200	0.003
7201	0.005
7202	0.005
7203	0.003
7204	0.003
7205	0.003
7206	0.006
7207	0.007
7208	0.005
7209	0.006
7210	0.004
7211	0.004
7212	0.005
7213	0.005
7214	0.004
7215	0.005
7216	0.005
7217	0.006
7218	0.006
7219	0.004
7220	0.004
7221	0.004
7222	0.003
7223	0.002
7224	0.002
7225	0.005
7226	0.009
7227	0.007
7228	0.006
7229	0.005
7230	0.005
7231	0.004
7232	0.004
7233	0.002
7234	0.002
7235	0.002
7236	0.003
7237	0.003
7238	0.004
7239	0.004
7240	0.003
7241	0.003
7242	0.003
7243	0.004
7244	0.004
7245	0.005
7246	0.005
7247	0.007
7248	0.007
7249	0.01
7250	0.008
7251	0.003
7252	0.005
7253	0.007
7254	0.008
7255	0.007
7256	0.005
7257	0.006
7258	0.008
7259	0.004
7260	0.004
7261	0.003
7262	0.003
7263	0.007
7264	0.004
7265	0.004
7266	0.003
7267	0.003
7268	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7269	0.003
7270	0.003
7271	0.004
7272	0.004
7273	0.003
7274	0.004
7275	0.003
7276	0.005
7277	0.005
7278	0.003
7279	0.004
7280	0.004
7281	0.003
7282	0.003
7283	0.003
7284	0.004
7285	0.008
7286	0.014
7287	0.022
7288	0.017
7289	0.004
7290	0.003
7291	0.003
7292	0.003
7293	0.003
7294	0.004
7295	0.005
7296	0.004
7297	0.004
7298	0.005
7299	0.007
7300	0.004
7301	0.004
7302	0.004
7303	0.005
7304	0.004
7305	0.004
7306	0.003
7307	0.003
7308	0.003
7309	0.004
7310	0.003
7311	0.004
7312	0.005
7313	0.004
7314	0.005
7315	0.005
7316	0.004
7317	0.005
7318	0.006
7319	0.004
7320	0.005
7321	0.005
7322	0.005
7323	0.005
7324	0.005
7325	0.004
7326	0.004
7327	0.003
7328	0.003
7329	0.004
7330	0.005
7331	0.004
7332	0.004
7333	0.004
7334	0.004
7335	0.003
7336	0.003
7337	0.003
7338	0.004
7339	0.003
7340	0.004
7341	0.004
7342	0.004
7343	0.004
7344	0.004
7345	0.003
7346	0.003
7347	0.003
7348	0.003
7349	0.003
7350	0.004
7351	0.005
7352	0.006
7353	0.004
7354	0.004
7355	0.004
7356	0.005
7357	0.005
7358	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7359	0.004
7360	0.004
7361	0.003
7362	0.003
7363	0.003
7364	0.003
7365	0.004
7366	0.004
7367	0.004
7368	0.004
7369	0.004
7370	0.004
7371	0.004
7372	0.003
7373	0.003
7374	0.003
7375	0.003
7376	0.003
7377	0.006
7378	0.006
7379	0.003
7380	0.003
7381	0.004
7382	0.004
7383	0.005
7384	0.005
7385	0.003
7386	0.003
7387	0.004
7388	0.004
7389	0.003
7390	0.003
7391	0.003
7392	0.003
7393	0.003
7394	0.003
7395	0.003
7396	0.006
7397	0.007
7398	0.003
7399	0.004
7400	0.006
7401	0.005
7402	0.008
7403	0.011
7404	0.019
7405	0.016
7406	0.013
7407	0.013
7408	0.011
7409	0.01
7410	0.009
7411	0.011
7412	0.005
7413	0.006
7414	0.006
7415	0.007
7416	0.007
7417	0.005
7418	0.004
7419	0.005
7420	0.004
7421	0.004
7422	0.004
7423	0.006
7424	0.006
7425	0.005
7426	0.004
7427	0.004
7428	0.005
7429	0.005
7430	0.004
7431	0.004
7432	0.004
7433	0.005
7434	0.006
7435	0.005
7436	0.005
7437	0.004
7438	0.004
7439	0.005
7440	0.005
7441	0.005
7442	0.005
7443	0.006
7444	0.005
7445	0.005
7446	0.007
7447	0.007
7448	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7449	0.013
7450	0.011
7451	0.005
7452	0.005
7453	0.006
7454	0.007
7455	0.007
7456	0.007
7457	0.008
7458	0.004
7459	0.004
7460	0.004
7461	0.004
7462	0.004
7463	0.005
7464	0.007
7465	0.005
7466	0.005
7467	0.007
7468	0.007
7469	0.004
7470	0.004
7471	0.008
7472	0.01
7473	0.01
7474	0.01
7475	0.018
7476	0.024
7477	0.017
7478	0.018
7479	0.022
7480	0.014
7481	0.021
7482	0.023
7483	0.044
7484	0.052
7485	0.046
7486	0.052
7487	0.038
7488	0.017
7489	0.011
7490	0.005
7491	0.007
7492	0.006
7493	0.003
7494	0.004
7495	0.008
7496	0.008
7497	0.004
7498	0.004
7499	0.005
7500	0.005
7501	0.006
7502	0.005
7503	0.008
7504	0.007
7505	0.007
7506	0.015
7507	0.004
7508	0.004
7509	0.004
7510	0.005
7511	0.006
7512	0.003
7513	0.005
7514	0.008
7515	0.007
7516	0.006
7517	0.005
7518	0.005
7519	0.005
7520	0.006
7521	0.004
7522	0.005
7523	0.006
7524	0.012
7525	0.011
7526	0.013
7527	0.015
7528	0.011
7529	0.01
7530	0.008
7531	0.008
7532	0.007
7533	0.01
7534	0.012
7535	0.009
7536	0.01
7537	0.008
7538	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7539	0.007
7540	0.009
7541	0.008
7542	0.008
7543	0.013
7544	0.015
7545	0.01
7546	0.012
7547	0.009
7548	0.009
7549	0.009
7550	0.018
7551	0.023
7552	0.012
7553	0.026
7554	0.035
7555	0.011
7556	0.009
7557	0.011
7558	0.01
7559	0.011
7560	0.011
7561	0.01
7562	0.01
7563	0.008
7564	0.008
7565	0.01
7566	0.009
7567	0.007
7568	0.006
7569	0.007
7570	0.007
7571	0.008
7572	0.01
7573	0.009
7574	0.007
7575	0.008
7576	0.009
7577	0.006
7578	0.006
7579	0.006
7580	0.005
7581	0.005
7582	0.007
7583	0.006
7584	0.005
7585	0.005
7586	0.005
7587	0.005
7588	0.005
7589	0.004
7590	0.005
7591	0.004
7592	0.005
7593	0.006
7594	0.005
7595	0.004
7596	0.008
7597	0.009
7598	0.004
7599	0.003
7600	0.003
7601	0.003
7602	0.004
7603	0.007
7604	0.005
7605	0.004
7606	0.004
7607	0.004
7608	0.004
7609	0.003
7610	0.003
7611	0.005
7612	0.004
7613	0.006
7614	0.008
7615	0.004
7616	0.008
7617	0.008
7618	0.003
7619	0.004
7620	0.004
7621	0.004
7622	0.004
7623	0.006
7624	0.006
7625	0.006
7626	0.007
7627	0.005
7628	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7629	0.005
7630	0.003
7631	0.003
7632	0.004
7633	0.004
7634	0.009
7635	0.01
7636	0.006
7637	0.008
7638	0.008
7639	0.006
7640	0.009
7641	0.011
7642	0.01
7643	0.012
7644	0.008
7645	0.005
7646	0.004
7647	0.004
7648	0.005
7649	0.007
7650	0.004
7651	0.004
7652	0.004
7653	0.004
7654	0.005
7655	0.006
7656	0.006
7657	0.005
7658	0.005
7659	0.004
7660	0.004
7661	0.004
7662	0.005
7663	0.006
7664	0.01
7665	0.011
7666	0.005
7667	0.005
7668	0.004
7669	0.004
7670	0.004
7671	0.006
7672	0.006
7673	0.007
7674	0.006
7675	0.009
7676	0.013
7677	0.011
7678	0.01
7679	0.009
7680	0.008
7681	0.009
7682	0.006
7683	0.007
7684	0.007
7685	0.007
7686	0.009
7687	0.008
7688	0.009
7689	0.005
7690	0.005
7691	0.009
7692	0.009
7693	0.007
7694	0.008
7695	0.006
7696	0.006
7697	0.007
7698	0.006
7699	0.005
7700	0.005
7701	0.004
7702	0.005
7703	0.005
7704	0.005
7705	0.005
7706	0.005
7707	0.005
7708	0.005
7709	0.005
7710	0.005
7711	0.005
7712	0.004
7713	0.005
7714	0.006
7715	0.004
7716	0.004
7717	0.005
7718	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7719	0.005
7720	0.005
7721	0.005
7722	0.004
7723	0.005
7724	0.005
7725	0.006
7726	0.006
7727	0.005
7728	0.005
7729	0.004
7730	0.005
7731	0.005
7732	0.006
7733	0.005
7734	0.006
7735	0.007
7736	0.005
7737	0.005
7738	0.005
7739	0.004
7740	0.005
7741	0.005
7742	0.006
7743	0.007
7744	0.006
7745	0.005
7746	0.006
7747	0.006
7748	0.005
7749	0.005
7750	0.007
7751	0.008
7752	0.006
7753	0.013
7754	0.016
7755	0.009
7756	0.007
7757	0.006
7758	0.007
7759	0.005
7760	0.005
7761	0.006
7762	0.007
7763	0.007
7764	0.005
7765	0.004
7766	0.005
7767	0.005
7768	0.005
7769	0.005
7770	0.005
7771	0.007
7772	0.006
7773	0.009
7774	0.011
7775	0.006
7776	0.006
7777	0.006
7778	0.012
7779	0.01
7780	0.006
7781	0.009
7782	0.016
7783	0.012
7784	0.011
7785	0.013
7786	0.008
7787	0.008
7788	0.006
7789	0.007
7790	0.015
7791	0.037
7792	0.047
7793	0.04
7794	0.051
7795	0.044
7796	0.058
7797	0.057
7798	0.034
7799	0.031
7800	0.025
7801	0.014
7802	0.012
7803	0.019
7804	0.024
7805	0.02
7806	0.022
7807	0.035
7808	0.028

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7809	0.032
7810	0.038
7811	0.026
7812	0.02
7813	0.027
7814	0.021
7815	0.012
7816	0.013
7817	0.011
7818	0.01
7819	0.008
7820	0.008
7821	0.009
7822	0.009
7823	0.009
7824	0.008
7825	0.006
7826	0.007
7827	0.008
7828	0.007
7829	0.007
7830	0.008
7831	0.007
7832	0.006
7833	0.006
7834	0.006
7835	0.01
7836	0.015
7837	0.012
7838	0.012
7839	0.012
7840	0.008
7841	0.008
7842	0.009
7843	0.012
7844	0.015
7845	0.012
7846	0.009
7847	0.011
7848	0.013
7849	0.011
7850	0.011
7851	0.011
7852	0.011
7853	0.01
7854	0.01
7855	0.01
7856	0.008
7857	0.011
7858	0.014
7859	0.011
7860	0.014
7861	0.015
7862	0.007
7863	0.006
7864	0.01
7865	0.027
7866	0.031
7867	0.014
7868	0.013
7869	0.008
7870	0.016
7871	0.02
7872	0.033
7873	0.039
7874	0.02
7875	0.018
7876	0.011
7877	0.018
7878	0.018
7879	0.005
7880	0.005
7881	0.007
7882	0.007
7883	0.009
7884	0.009
7885	0.013
7886	0.015
7887	0.014
7888	0.013
7889	0.014
7890	0.016
7891	0.016
7892	0.013
7893	0.014
7894	0.006
7895	0.008
7896	0.005
7897	0.004
7898	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7899	0.006
7900	0.007
7901	0.006
7902	0.006
7903	0.008
7904	0.007
7905	0.006
7906	0.005
7907	0.005
7908	0.004
7909	0.004
7910	0.005
7911	0.005
7912	0.005
7913	0.004
7914	0.004
7915	0.004
7916	0.006
7917	0.005
7918	0.005
7919	0.005
7920	0.006
7921	0.007
7922	0.007
7923	0.008
7924	0.007
7925	0.011
7926	0.011
7927	0.008
7928	0.009
7929	0.013
7930	0.016
7931	0.018
7932	0.015
7933	0.017
7934	0.014
7935	0.008
7936	0.007
7937	0.009
7938	0.008
7939	0.013
7940	0.024
7941	0.033
7942	0.022
7943	0.013
7944	0.007
7945	0.006
7946	0.006
7947	0.004
7948	0.005
7949	0.005
7950	0.005
7951	0.007
7952	0.008
7953	0.006
7954	0.005
7955	0.004
7956	0.005
7957	0.005
7958	0.006
7959	0.008
7960	0.006
7961	0.005
7962	0.004
7963	0.005
7964	0.007
7965	0.007
7966	0.007
7967	0.007
7968	0.008
7969	0.006
7970	0.007
7971	0.01
7972	0.012
7973	0.01
7974	0.008
7975	0.007
7976	0.009
7977	0.009
7978	0.008
7979	0.005
7980	0.004
7981	0.005
7982	0.006
7983	0.008
7984	0.008
7985	0.009
7986	0.01
7987	0.007
7988	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

7989	0.005
7990	0.006
7991	0.005
7992	0.004
7993	0.008
7994	0.011
7995	0.012
7996	0.011
7997	0.005
7998	0.004
7999	0.006
8000	0.006
8001	0.005
8002	0.006
8003	0.004
8004	0.005
8005	0.004
8006	0.005
8007	0.007
8008	0.007
8009	0.007
8010	0.015
8011	0.016
8012	0.007
8013	0.008
8014	0.004
8015	0.005
8016	0.006
8017	0.006
8018	0.005
8019	0.006
8020	0.006
8021	0.005
8022	0.014
8023	0.03
8024	0.033
8025	0.028
8026	0.026
8027	0.028
8028	0.032
8029	0.025
8030	0.017
8031	0.012
8032	0.008
8033	0.009
8034	0.01
8035	0.007
8036	0.007
8037	0.006
8038	0.005
8039	0.005
8040	0.006
8041	0.005
8042	0.006
8043	0.006
8044	0.006
8045	0.006
8046	0.006
8047	0.006
8048	0.005
8049	0.006
8050	0.007
8051	0.006
8052	0.007
8053	0.008
8054	0.007
8055	0.007
8056	0.006
8057	0.006
8058	0.006
8059	0.007
8060	0.007
8061	0.007
8062	0.008
8063	0.007
8064	0.009
8065	0.009
8066	0.012
8067	0.01
8068	0.009
8069	0.009
8070	0.009
8071	0.009
8072	0.009
8073	0.01
8074	0.009
8075	0.008
8076	0.009
8077	0.008
8078	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8079	0.008
8080	0.011
8081	0.012
8082	0.008
8083	0.008
8084	0.008
8085	0.008
8086	0.008
8087	0.009
8088	0.008
8089	0.008
8090	0.008
8091	0.008
8092	0.008
8093	0.009
8094	0.009
8095	0.008
8096	0.008
8097	0.007
8098	0.007
8099	0.009
8100	0.009
8101	0.007
8102	0.008
8103	0.008
8104	0.008
8105	0.007
8106	0.009
8107	0.011
8108	0.008
8109	0.008
8110	0.008
8111	0.008
8112	0.008
8113	0.011
8114	0.009
8115	0.006
8116	0.006
8117	0.008
8118	0.009
8119	0.005
8120	0.006
8121	0.006
8122	0.007
8123	0.007
8124	0.007
8125	0.006
8126	0.007
8127	0.008
8128	0.007
8129	0.008
8130	0.009
8131	0.007
8132	0.006
8133	0.006
8134	0.006
8135	0.006
8136	0.005
8137	0.008
8138	0.009
8139	0.005
8140	0.005
8141	0.005
8142	0.005
8143	0.006
8144	0.006
8145	0.006
8146	0.005
8147	0.005
8148	0.005
8149	0.007
8150	0.007
8151	0.005
8152	0.006
8153	0.009
8154	0.008
8155	0.007
8156	0.009
8157	0.01
8158	0.014
8159	0.015
8160	0.004
8161	0.004
8162	0.004
8163	0.008
8164	0.013
8165	0.014
8166	0.007
8167	0.005
8168	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8169	0.008
8170	0.01
8171	0.008
8172	0.006
8173	0.006
8174	0.006
8175	0.004
8176	0.004
8177	0.004
8178	0.004
8179	0.004
8180	0.003
8181	0.004
8182	0.005
8183	0.005
8184	0.005
8185	0.005
8186	0.006
8187	0.008
8188	0.006
8189	0.005
8190	0.006
8191	0.006
8192	0.007
8193	0.007
8194	0.006
8195	0.005
8196	0.004
8197	0.004
8198	0.007
8199	0.006
8200	0.005
8201	0.013
8202	0.026
8203	0.022
8204	0.015
8205	0.011
8206	0.009
8207	0.009
8208	0.01
8209	0.012
8210	0.01
8211	0.012
8212	0.018
8213	0.022
8214	0.017
8215	0.009
8216	0.007
8217	0.007
8218	0.006
8219	0.004
8220	0.005
8221	0.006
8222	0.005
8223	0.005
8224	0.004
8225	0.004
8226	0.005
8227	0.004
8228	0.005
8229	0.007
8230	0.007
8231	0.005
8232	0.005
8233	0.005
8234	0.005
8235	0.006
8236	0.007
8237	0.006
8238	0.005
8239	0.005
8240	0.007
8241	0.007
8242	0.005
8243	0.005
8244	0.005
8245	0.005
8246	0.005
8247	0.005
8248	0.006
8249	0.006
8250	0.006
8251	0.007
8252	0.005
8253	0.005
8254	0.005
8255	0.006
8256	0.007
8257	0.007
8258	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8259	0.008
8260	0.006
8261	0.006
8262	0.006
8263	0.006
8264	0.009
8265	0.008
8266	0.006
8267	0.007
8268	0.007
8269	0.005
8270	0.007
8271	0.007
8272	0.007
8273	0.009
8274	0.008
8275	0.008
8276	0.007
8277	0.007
8278	0.007
8279	0.007
8280	0.008
8281	0.01
8282	0.009
8283	0.008
8284	0.009
8285	0.01
8286	0.013
8287	0.01
8288	0.009
8289	0.01
8290	0.01
8291	0.009
8292	0.008
8293	0.007
8294	0.006
8295	0.006
8296	0.007
8297	0.007
8298	0.009
8299	0.009
8300	0.008
8301	0.007
8302	0.008
8303	0.009
8304	0.007
8305	0.007
8306	0.007
8307	0.006
8308	0.007
8309	0.007
8310	0.005
8311	0.006
8312	0.007
8313	0.006
8314	0.005
8315	0.006
8316	0.008
8317	0.01
8318	0.01
8319	0.011
8320	0.011
8321	0.013
8322	0.015
8323	0.013
8324	0.008
8325	0.007
8326	0.01
8327	0.014
8328	0.018
8329	0.008
8330	0.008
8331	0.009
8332	0.007
8333	0.007
8334	0.007
8335	0.007
8336	0.008
8337	0.007
8338	0.008
8339	0.01
8340	0.012
8341	0.012
8342	0.009
8343	0.008
8344	0.008
8345	0.008
8346	0.01
8347	0.008
8348	0.014

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8349	0.016
8350	0.007
8351	0.007
8352	0.005
8353	0.006
8354	0.009
8355	0.007
8356	0.004
8357	0.004
8358	0.005
8359	0.005
8360	0.004
8361	0.004
8362	0.005
8363	0.004
8364	0.004
8365	0.003
8366	0.004
8367	0.004
8368	0.004
8369	0.003
8370	0.003
8371	0.003
8372	0.004
8373	0.005
8374	0.016
8375	0.025
8376	0.018
8377	0.009
8378	0.007
8379	0.009
8380	0.008
8381	0.006
8382	0.006
8383	0.006
8384	0.005
8385	0.006
8386	0.007
8387	0.006
8388	0.011
8389	0.017
8390	0.014
8391	0.005
8392	0.004
8393	0.004
8394	0.006
8395	0.007
8396	0.008
8397	0.006
8398	0.006
8399	0.005
8400	0.006
8401	0.005
8402	0.005
8403	0.007
8404	0.007
8405	0.008
8406	0.008
8407	0.005
8408	0.005
8409	0.005
8410	0.005
8411	0.005
8412	0.008
8413	0.009
8414	0.006
8415	0.005
8416	0.006
8417	0.006
8418	0.004
8419	0.005
8420	0.006
8421	0.005
8422	0.004
8423	0.004
8424	0.006
8425	0.011
8426	0.014
8427	0.012
8428	0.011
8429	0.009
8430	0.007
8431	0.006
8432	0.009
8433	0.011
8434	0.014
8435	0.012
8436	0.016
8437	0.02
8438	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8439	0.013
8440	0.017
8441	0.014
8442	0.012
8443	0.008
8444	0.01
8445	0.006
8446	0.004
8447	0.004
8448	0.004
8449	0.006
8450	0.011
8451	0.011
8452	0.007
8453	0.005
8454	0.006
8455	0.007
8456	0.006
8457	0.004
8458	0.004
8459	0.004
8460	0.005
8461	0.005
8462	0.004
8463	0.005
8464	0.004
8465	0.004
8466	0.005
8467	0.005
8468	0.005
8469	0.005
8470	0.006
8471	0.007
8472	0.004
8473	0.004
8474	0.004
8475	0.005
8476	0.007
8477	0.005
8478	0.005
8479	0.005
8480	0.005
8481	0.007
8482	0.007
8483	0.006
8484	0.006
8485	0.006
8486	0.007
8487	0.007
8488	0.006
8489	0.006
8490	0.006
8491	0.005
8492	0.006
8493	0.006
8494	0.005
8495	0.005
8496	0.005
8497	0.005
8498	0.005
8499	0.005
8500	0.007
8501	0.007
8502	0.006
8503	0.005
8504	0.005
8505	0.005
8506	0.006
8507	0.006
8508	0.006
8509	0.005
8510	0.005
8511	0.006
8512	0.006
8513	0.006
8514	0.004
8515	0.005
8516	0.006
8517	0.007
8518	0.007
8519	0.005
8520	0.006
8521	0.006
8522	0.006
8523	0.006
8524	0.005
8525	0.006
8526	0.009
8527	0.01
8528	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8529	0.006
8530	0.006
8531	0.006
8532	0.007
8533	0.006
8534	0.005
8535	0.009
8536	0.01
8537	0.005
8538	0.005
8539	0.006
8540	0.005
8541	0.005
8542	0.006
8543	0.006
8544	0.005
8545	0.006
8546	0.007
8547	0.007
8548	0.005
8549	0.005
8550	0.006
8551	0.005
8552	0.005
8553	0.005
8554	0.005
8555	0.006
8556	0.006
8557	0.005
8558	0.004
8559	0.005
8560	0.005
8561	0.005
8562	0.008
8563	0.009
8564	0.004
8565	0.005
8566	0.005
8567	0.005
8568	0.005
8569	0.006
8570	0.006
8571	0.005
8572	0.005
8573	0.004
8574	0.004
8575	0.004
8576	0.005
8577	0.006
8578	0.006
8579	0.005
8580	0.005
8581	0.006
8582	0.005
8583	0.005
8584	0.005
8585	0.005
8586	0.005
8587	0.005
8588	0.004
8589	0.005
8590	0.004
8591	0.005
8592	0.004
8593	0.004
8594	0.008
8595	0.011
8596	0.008
8597	0.005
8598	0.005
8599	0.006
8600	0.006
8601	0.005
8602	0.006
8603	0.006
8604	0.005
8605	0.005
8606	0.006
8607	0.011
8608	0.012
8609	0.005
8610	0.005
8611	0.005
8612	0.005
8613	0.005
8614	0.005
8615	0.006
8616	0.006
8617	0.005
8618	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8619	0.005
8620	0.005
8621	0.006
8622	0.006
8623	0.005
8624	0.006
8625	0.005
8626	0.005
8627	0.005
8628	0.006
8629	0.006
8630	0.004
8631	0.004
8632	0.005
8633	0.004
8634	0.005
8635	0.005
8636	0.005
8637	0.005
8638	0.006
8639	0.005
8640	0.006
8641	0.006
8642	0.006
8643	0.006
8644	0.005
8645	0.005
8646	0.005
8647	0.005
8648	0.007
8649	0.007
8650	0.006
8651	0.004
8652	0.005
8653	0.005
8654	0.006
8655	0.006
8656	0.004
8657	0.005
8658	0.007
8659	0.006
8660	0.005
8661	0.006
8662	0.008
8663	0.005
8664	0.005
8665	0.01
8666	0.006
8667	0.006
8668	0.007
8669	0.006
8670	0.006
8671	0.005
8672	0.007
8673	0.005
8674	0.005
8675	0.006
8676	0.006
8677	0.006
8678	0.007
8679	0.006
8680	0.006
8681	0.006
8682	0.006
8683	0.006
8684	0.006
8685	0.005
8686	0.005
8687	0.006
8688	0.005
8689	0.006
8690	0.008
8691	0.002
8692	0.005
8693	0.006
8694	0.007
8695	0.006
8696	0.006
8697	0.006
8698	0.007
8699	0.007
8700	0.007
8701	0.006
8702	0.006
8703	0.005
8704	0.005
8705	0.005
8706	0.004
8707	0.005
8708	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8709	0.006
8710	0.005
8711	0.006
8712	0.004
8713	0.005
8714	0.006
8715	0.005
8716	0.006
8717	0.006
8718	0.005
8719	0.006
8720	0.006
8721	0.007
8722	0.006
8723	0.009
8724	0.012
8725	0.012
8726	0.009
8727	0.008
8728	0.008
8729	0.008
8730	0.009
8731	0.008
8732	0.008
8733	0.013
8734	0.014
8735	0.008
8736	0.008
8737	0.011
8738	0.008
8739	0.007
8740	0.007
8741	0.014
8742	0.016
8743	0.012
8744	0.016
8745	0.014
8746	0.011
8747	0.013
8748	0.014
8749	0.012
8750	0.01
8751	0.011
8752	0.007
8753	0.005
8754	0.005
8755	0.005
8756	0.005
8757	0.005
8758	0.004
8759	0.005
8760	0.005
8761	0.005
8762	0.005
8763	0.005
8764	0.005
8765	0.006
8766	0.005
8767	0.004
8768	0.005
8769	0.005
8770	0.004
8771	0.005
8772	0.005
8773	0.005
8774	0.005
8775	0.004
8776	0.004
8777	0.006
8778	0.006
8779	0.006
8780	0.007
8781	0.008
8782	0.008
8783	0.008
8784	0.009
8785	0.008
8786	0.006
8787	0.006
8788	0.006
8789	0.017
8790	0.029
8791	0.042
8792	0.042
8793	0.026
8794	0.025
8795	0.015
8796	0.017
8797	0.019
8798	0.016

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8799	0.011
8800	0.009
8801	0.004
8802	0.004
8803	0.003
8804	0.003
8805	0.003
8806	0.003
8807	0.005
8808	0.005
8809	0.005
8810	0.005
8811	0.004
8812	0.004
8813	0.004
8814	0.003
8815	0.004
8816	0.004
8817	0.003
8818	0.003
8819	0.003
8820	0.003
8821	0.004
8822	0.005
8823	0.007
8824	0.009
8825	0.006
8826	0.006
8827	0.006
8828	0.012
8829	0.015
8830	0.006
8831	0.004
8832	0.007
8833	0.009
8834	0.005
8835	0.005
8836	0.004
8837	0.005
8838	0.003
8839	0.004
8840	0.003
8841	0.004
8842	0.004
8843	0.003
8844	0.003
8845	0.003
8846	0.003
8847	0.003
8848	0.004
8849	0.003
8850	0.003
8851	0.003
8852	0.006
8853	0.006
8854	0.005
8855	0.005
8856	0.003
8857	0.004
8858	0.005
8859	0.004
8860	0.004
8861	0.003
8862	0.003
8863	0.004
8864	0.006
8865	0.009
8866	0.009
8867	0.009
8868	0.005
8869	0.005
8870	0.006
8871	0.004
8872	0.004
8873	0.004
8874	0.01
8875	0.004
8876	0.004
8877	0.004
8878	0.007
8879	0.008
8880	0.004
8881	0.003
8882	0.003
8883	0.004
8884	0.003
8885	0.003
8886	0.005
8887	0.004
8888	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8889	0.005
8890	0.005
8891	0.005
8892	0.007
8893	0.007
8894	0.004
8895	0.004
8896	0.003
8897	0.004
8898	0.004
8899	0.003
8900	0.003
8901	0.004
8902	0.003
8903	0.003
8904	0.004
8905	0.003
8906	0.003
8907	0.003
8908	0.003
8909	0.003
8910	0.004
8911	0.003
8912	0.004
8913	0.004
8914	0.003
8915	0.003
8916	0.005
8917	0.005
8918	0.004
8919	0.003
8920	0.003
8921	0.003
8922	0.003
8923	0.004
8924	0.003
8925	0.005
8926	0.005
8927	0.003
8928	0.003
8929	0.003
8930	0.004
8931	0.003
8932	0.003
8933	0.004
8934	0.004
8935	0.006
8936	0.004
8937	0.004
8938	0.005
8939	0.004
8940	0.004
8941	0.004
8942	0.004
8943	0.003
8944	0.003
8945	0.003
8946	0.003
8947	0.003
8948	0.004
8949	0.004
8950	0.004
8951	0.004
8952	0.004
8953	0.004
8954	0.004
8955	0.003
8956	0.003
8957	0.005
8958	0.012
8959	0.003
8960	0.003
8961	0.003
8962	0.003
8963	0.003
8964	0.006
8965	0.006
8966	0.006
8967	0.007
8968	0.008
8969	0.006
8970	0.008
8971	0.009
8972	0.009
8973	0.01
8974	0.011
8975	0.015
8976	0.014
8977	0.013
8978	0.016

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

8979	0.016
8980	0.015
8981	0.009
8982	0.01
8983	0.009
8984	0.008
8985	0.01
8986	0.012
8987	0.01
8988	0.009
8989	0.011
8990	0.016
8991	0.016
8992	0.015
8993	0.014
8994	0.016
8995	0.017
8996	0.019
8997	0.014
8998	0.01
8999	0.01
9000	0.009
9001	0.007
9002	0.009
9003	0.004
9004	0.005
9005	0.004
9006	0.003
9007	0.003
9008	0.004
9009	0.005
9010	0.007
9011	0.006
9012	0.004
9013	0.005
9014	0.007
9015	0.006
9016	0.004
9017	0.005
9018	0.004
9019	0.004
9020	0.004
9021	0.003
9022	0.003
9023	0.004
9024	0.005
9025	0.004
9026	0.005
9027	0.004
9028	0.004
9029	0.004
9030	0.004
9031	0.004
9032	0.003
9033	0.004
9034	0.006
9035	0.004
9036	0.004
9037	0.004
9038	0.004
9039	0.004
9040	0.007
9041	0.01
9042	0.009
9043	0.008
9044	0.007
9045	0.007
9046	0.008
9047	0.006
9048	0.006
9049	0.005
9050	0.004
9051	0.004
9052	0.004
9053	0.004
9054	0.004
9055	0.004
9056	0.003
9057	0.004
9058	0.005
9059	0.004
9060	0.005
9061	0.006
9062	0.006
9063	0.006
9064	0.003
9065	0.004
9066	0.004
9067	0.004
9068	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

9069	0.005
9070	0.004
9071	0.003
9072	0.003
9073	0.004
9074	0.004
9075	0.004
9076	0.004
9077	0.004
9078	0.005
9079	0.006
9080	0.007
9081	0.006
9082	0.005
9083	0.004
9084	0.003
9085	0.004
9086	0.004
9087	0.005
9088	0.005
9089	0.004
9090	0.004
9091	0.004
9092	0.003
9093	0.003
9094	0.004
9095	0.004
9096	0.006
9097	0.005
9098	0.003
9099	0.003
9100	0.003
9101	0.003
9102	0.004
9103	0.004
9104	0.004
9105	0.003
9106	0.003
9107	0.004
9108	0.004
9109	0.003
9110	0.005
9111	0.004
9112	0.003
9113	0.004
9114	0.003
9115	0.004
9116	0.005
9117	0.004
9118	0.004
9119	0.005
9120	0.004
9121	0.003
9122	0.004
9123	0.004
9124	0.004
9125	0.004
9126	0.004
9127	0.003
9128	0.003
9129	0.004
9130	0.003
9131	0.003
9132	0.004
9133	0.004
9134	0.004
9135	0.003
9136	0.003
9137	0.003
9138	0.003
9139	0.003
9140	0.003
9141	0.003
9142	0.004
9143	0.006
9144	0.006
9145	0.004
9146	0.003
9147	0.003
9148	0.004
9149	0.005
9150	0.004
9151	0.004
9152	0.004
9153	0.004
9154	0.003
9155	0.004
9156	0.004
9157	0.003
9158	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

9159	0.009
9160	0.017
9161	0.02
9162	0.018
9163	0.018
9164	0.015
9165	0.014
9166	0.016
9167	0.018
9168	0.012
9169	0.006
9170	0.005
9171	0.004
9172	0.004
9173	0.005
9174	0.006
9175	0.004
9176	0.004
9177	0.003
9178	0.003
9179	0.006
9180	0.005
9181	0.006
9182	0.007
9183	0.008
9184	0.005
9185	0.006
9186	0.005
9187	0.004
9188	0.003
9189	0.004
9190	0.004
9191	0.004
9192	0.005
9193	0.003
9194	0.004
9195	0.004
9196	0.004
9197	0.005
9198	0.003
9199	0.003
9200	0.01
9201	0.015
9202	0.008
9203	0.005
9204	0.008
9205	0.008
9206	0.006
9207	0.003
9208	0.003
9209	0.004
9210	0.004
9211	0.005
9212	0.006
9213	0.009
9214	0.011
9215	0.008
9216	0.005
9217	0.004
9218	0.004
9219	0.004
9220	0.004
9221	0.004
9222	0.004
9223	0.005
9224	0.004
9225	0.004
9226	0.004
9227	0.005
9228	0.004
9229	0.004
9230	0.004
9231	0.005
9232	0.005
9233	0.004
9234	0.003
9235	0.004
9236	0.004
9237	0.003
9238	0.004
9239	0.005
9240	0.005
9241	0.005
9242	0.006
9243	0.011
9244	0.014
9245	0.008
9246	0.007
9247	0.007
9248	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

9249	0.012
9250	0.006
9251	0.005
9252	0.007
9253	0.008
9254	0.004
9255	0.006
9256	0.006
9257	0.005
9258	0.006
9259	0.005
9260	0.004
9261	0.007
9262	0.007
9263	0.004
9264	0.003
9265	0.004
9266	0.004
9267	0.005
9268	0.006
9269	0.003
9270	0.004
9271	0.005
9272	0.003
9273	0.004
9274	0.004
9275	0.004
9276	0.004
9277	0.004
9278	0.004
9279	0.004
9280	0.004
9281	0.005
9282	0.004
9283	0.003
9284	0.005
9285	0.004
9286	0.003
9287	0.005
9288	0.007
9289	0.009
9290	0.009
9291	0.005
9292	0.006
9293	0.006
9294	0.003
9295	0.004
9296	0.004
9297	0.003
9298	0.003
9299	0.004
9300	0.005
9301	0.004
9302	0.003
9303	0.003
9304	0.003
9305	0.003
9306	0.004
9307	0.004
9308	0.004
9309	0.004
9310	0.004
9311	0.005
9312	0.004
9313	0.005
9314	0.005
9315	0.003
9316	0.006
9317	0.006
9318	0.005
9319	0.005
9320	0.005
9321	0.004
9322	0.004
9323	0.003
9324	0.004
9325	0.005
9326	0.003
9327	0.005
9328	0.004
9329	0.005
9330	0.004
9331	0.004
9332	0.003
9333	0.007
9334	0.009
9335	0.004
9336	0.003
9337	0.004
9338	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

9339	0.006
9340	0.003
9341	0.004
9342	0.003
9343	0.004
9344	0.005
9345	0.004
9346	0.004
9347	0.004
9348	0.004
9349	0.003
9350	0.004
9351	0.005
9352	0.004
9353	0.004
9354	0.003
9355	0.003
9356	0.003
9357	0.003
9358	0.004
9359	0.005
9360	0.005
9361	0.003
9362	0.004
9363	0.005
9364	0.005
9365	0.011
9366	0.01
9367	0.007
9368	0.005
9369	0.005
9370	0.004
9371	0.006
9372	0.008
9373	0.008
9374	0.011
9375	0.009
9376	0.009
9377	0.005
9378	0.005
9379	0.004
9380	0.004
9381	0.004
9382	0.007
9383	0.007
9384	0.004
9385	0.004
9386	0.004
9387	0.005
9388	0.007
9389	0.007
9390	0.005
9391	0.006
9392	0.007
9393	0.007
9394	0.006
9395	0.004
9396	0.005
9397	0.005
9398	0.005
9399	0.004
9400	0.006
9401	0.007
9402	0.006
9403	0.006
9404	0.005
9405	0.006
9406	0.004
9407	0.005
9408	0.007
9409	0.008
9410	0.006
9411	0.005
9412	0.005
9413	0.005
9414	0.004
9415	0.005
9416	0.005
9417	0.006
9418	0.008
9419	0.004
9420	0.006
9421	0.008
9422	0.006
9423	0.006
9424	0.004
9425	0.004
9426	0.004
9427	0.003
9428	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/4/2019

9429	0.005
9430	0.004
9431	0.003
9432	0.004
9433	0.005
9434	0.005
9435	0.004
9436	0.005
9437	0.004
9438	0.004
9439	0.004
9440	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113808
Firmware Version	3.9
Calibration Date	10/8/2019
Test Name	UW_110519_003
Test Start Time	8:50:52 AM
Test Start Date	11/6/2019
Test Length [D:H:M]	0:07:24
Test Interval [M:S]	0:01
Mass Average [mg/m3]	0.003
Mass Minimum [mg/m3]	-0.002
Mass Maximum [mg/m3]	0.525
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26649

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
1	0.006		
2	0.012		
3	0.013		
4	0.011		
5	0.01		
6	0.008		
7	0.009		
8	0.007		
9	0.006		
10	0.007		
11	0.007		
12	0.008		
13	0.009		
14	0.008		
15	0.008		
16	0.009		
17	0.013		
18	0.013		
19	0.008		
20	0.008		
21	0.009		
22	0.008		
23	0.009		
24	0.009		
25	0.009		
26	0.008		
27	0.012		
28	0.01		
29	0.01		
30	0.011		
31	0.011		
32	0.012		
33	0.011		
34	0.011		
35	0.012		
36	0.013		
37	0.012		
38	0.014		
39	0.012		
40	0.012		
41	0.011		
42	0.011		
43	0.013		
44	0.015		
45	0.011		
46	0.01		
47	0.01		
48	0.009		
49	0.009		
50	0.009		
51	0.009		
52	0.009		
53	0.008		
54	0.009		
55	0.008		
56	0.008		
57	0.008		
58	0.009		
59	0.008		
60	0.008		
61	0.01		
62	0.011		
63	0.01		
64	0.01		
65	0.011		
66	0.009		
67	0.008		
68	0.008		
69	0.008		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

70	0.007
71	0.007
72	0.007
73	0.008
74	0.007
75	0.007
76	0.007
77	0.006
78	0.006
79	0.01
80	0.012
81	0.008
82	0.006
83	0.006
84	0.006
85	0.008
86	0.008
87	0.006
88	0.007
89	0.007
90	0.007
91	0.007
92	0.007
93	0.006
94	0.006
95	0.006
96	0.007
97	0.007
98	0.007
99	0.007
100	0.009
101	0.01
102	0.007
103	0.008
104	0.007
105	0.007
106	0.007
107	0.007
108	0.008
109	0.007
110	0.007
111	0.007
112	0.008
113	0.008
114	0.008
115	0.016
116	0.016
117	0.008
118	0.008
119	0.008
120	0.007
121	0.008
122	0.008
123	0.008
124	0.009
125	0.007
126	0.008
127	0.008
128	0.007
129	0.009
130	0.012
131	0.012
132	0.008
133	0.008
134	0.009
135	0.009
136	0.009
137	0.01
138	0.008
139	0.009
140	0.009
141	0.01
142	0.008
143	0.009
144	0.009
145	0.01
146	0.01
147	0.01
148	0.009
149	0.009
150	0.009
151	0.009
152	0.01
153	0.01
154	0.01
155	0.011
156	0.01
157	0.01
158	0.011

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

159	0.011
160	0.011
161	0.011
162	0.012
163	0.011
164	0.01
165	0.011
166	0.013
167	0.013
168	0.011
169	0.01
170	0.01
171	0.011
172	0.011
173	0.011
174	0.012
175	0.012
176	0.011
177	0.012
178	0.013
179	0.013
180	0.013
181	0.014
182	0.014
183	0.014
184	0.014
185	0.014
186	0.015
187	0.016
188	0.014
189	0.014
190	0.014
191	0.013
192	0.014
193	0.015
194	0.013
195	0.015
196	0.015
197	0.015
198	0.014
199	0.012
200	0.013
201	0.013
202	0.013
203	0.013
204	0.012
205	0.013
206	0.013
207	0.014
208	0.015
209	0.014
210	0.013
211	0.013
212	0.013
213	0.014
214	0.014
215	0.013
216	0.012
217	0.012
218	0.013
219	0.013
220	0.014
221	0.014
222	0.013
223	0.011
224	0.012
225	0.012
226	0.012
227	0.013
228	0.011
229	0.009
230	0.009
231	0.01
232	0.009
233	0.008
234	0.008
235	0.008
236	0.008
237	0.009
238	0.008
239	0.008
240	0.009
241	0.007
242	0.007
243	0.007
244	0.006
245	0.006
246	0.007
247	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

248	0.01
249	0.01
250	0.009
251	0.009
252	0.007
253	0.007
254	0.008
255	0.008
256	0.008
257	0.008
258	0.007
259	0.008
260	0.015
261	0.017
262	0.011
263	0.013
264	0.01
265	0.01
266	0.01
267	0.01
268	0.01
269	0.009
270	0.009
271	0.011
272	0.009
273	0.009
274	0.009
275	0.008
276	0.009
277	0.009
278	0.007
279	0.007
280	0.007
281	0.007
282	0.007
283	0.007
284	0.007
285	0.009
286	0.011
287	0.007
288	0.007
289	0.006
290	0.007
291	0.009
292	0.011
293	0.009
294	0.008
295	0.008
296	0.008
297	0.008
298	0.007
299	0.009
300	0.009
301	0.008
302	0.008
303	0.008
304	0.009
305	0.008
306	0.007
307	0.008
308	0.008
309	0.008
310	0.008
311	0.008
312	0.008
313	0.011
314	0.01
315	0.007
316	0.008
317	0.008
318	0.007
319	0.007
320	0.007
321	0.008
322	0.009
323	0.009
324	0.009
325	0.009
326	0.008
327	0.007
328	0.009
329	0.009
330	0.008
331	0.007
332	0.008
333	0.008
334	0.008
335	0.007
336	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

337	0.007
338	0.008
339	0.007
340	0.006
341	0.006
342	0.005
343	0.006
344	0.006
345	0.007
346	0.007
347	0.006
348	0.008
349	0.01
350	0.011
351	0.011
352	0.009
353	0.007
354	0.01
355	0.013
356	0.005
357	0.005
358	0.005
359	0.005
360	0.005
361	0.005
362	0.006
363	0.006
364	0.007
365	0.006
366	0.005
367	0.006
368	0.005
369	0.005
370	0.006
371	0.007
372	0.007
373	0.009
374	0.008
375	0.009
376	0.009
377	0.006
378	0.006
379	0.006
380	0.007
381	0.008
382	0.008
383	0.007
384	0.007
385	0.008
386	0.007
387	0.006
388	0.006
389	0.006
390	0.006
391	0.006
392	0.007
393	0.007
394	0.008
395	0.01
396	0.011
397	0.01
398	0.008
399	0.008
400	0.008
401	0.008
402	0.008
403	0.007
404	0.008
405	0.007
406	0.007
407	0.006
408	0.006
409	0.007
410	0.007
411	0.008
412	0.008
413	0.008
414	0.009
415	0.01
416	0.007
417	0.008
418	0.008
419	0.006
420	0.007
421	0.009
422	0.007
423	0.007
424	0.008
425	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

426	0.007
427	0.007
428	0.006
429	0.007
430	0.007
431	0.005
432	0.006
433	0.006
434	0.006
435	0.006
436	0.006
437	0.005
438	0.006
439	0.006
440	0.005
441	0.006
442	0.006
443	0.006
444	0.006
445	0.006
446	0.006
447	0.006
448	0.006
449	0.006
450	0.006
451	0.006
452	0.005
453	0.005
454	0.006
455	0.005
456	0.006
457	0.006
458	0.005
459	0.005
460	0.005
461	0.004
462	0.005
463	0.005
464	0.005
465	0.006
466	0.005
467	0.005
468	0.005
469	0.005
470	0.005
471	0.005
472	0.005
473	0.005
474	0.005
475	0.005
476	0.005
477	0.005
478	0.006
479	0.005
480	0.006
481	0.006
482	0.006
483	0.006
484	0.006
485	0.005
486	0.005
487	0.007
488	0.008
489	0.006
490	0.005
491	0.006
492	0.007
493	0.006
494	0.005
495	0.006
496	0.007
497	0.007
498	0.006
499	0.006
500	0.007
501	0.006
502	0.005
503	0.004
504	0.005
505	0.005
506	0.005
507	0.007
508	0.007
509	0.006
510	0.005
511	0.005
512	0.005
513	0.008
514	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

515	0.005
516	0.006
517	0.005
518	0.005
519	0.005
520	0.005
521	0.004
522	0.005
523	0.005
524	0.005
525	0.006
526	0.005
527	0.005
528	0.005
529	0.005
530	0.006
531	0.008
532	0.006
533	0.006
534	0.006
535	0.007
536	0.005
537	0.005
538	0.005
539	0.006
540	0.006
541	0.006
542	0.006
543	0.007
544	0.006
545	0.006
546	0.006
547	0.006
548	0.006
549	0.005
550	0.006
551	0.007
552	0.007
553	0.007
554	0.007
555	0.007
556	0.008
557	0.009
558	0.008
559	0.006
560	0.006
561	0.006
562	0.006
563	0.006
564	0.005
565	0.005
566	0.005
567	0.004
568	0.004
569	0.004
570	0.004
571	0.006
572	0.006
573	0.006
574	0.006
575	0.005
576	0.005
577	0.004
578	0.005
579	0.006
580	0.008
581	0.009
582	0.008
583	0.006
584	0.006
585	0.005
586	0.004
587	0.005
588	0.005
589	0.005
590	0.005
591	0.004
592	0.005
593	0.005
594	0.005
595	0.005
596	0.005
597	0.005
598	0.007
599	0.006
600	0.006
601	0.006
602	0.006
603	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

604	0.006
605	0.005
606	0.004
607	0.005
608	0.006
609	0.006
610	0.005
611	0.004
612	0.005
613	0.005
614	0.005
615	0.006
616	0.006
617	0.005
618	0.005
619	0.005
620	0.004
621	0.005
622	0.005
623	0.006
624	0.005
625	0.005
626	0.006
627	0.006
628	0.005
629	0.005
630	0.005
631	0.005
632	0.005
633	0.008
634	0.005
635	0.004
636	0.005
637	0.006
638	0.006
639	0.005
640	0.005
641	0.005
642	0.005
643	0.005
644	0.006
645	0.006
646	0.005
647	0.005
648	0.006
649	0.006
650	0.005
651	0.005
652	0.005
653	0.005
654	0.004
655	0.005
656	0.006
657	0.004
658	0.004
659	0.005
660	0.005
661	0.005
662	0.005
663	0.005
664	0.005
665	0.005
666	0.005
667	0.004
668	0.004
669	0.006
670	0.005
671	0.004
672	0.004
673	0.004
674	0.005
675	0.004
676	0.004
677	0.003
678	0.003
679	0.004
680	0.004
681	0.003
682	0.003
683	0.003
684	0.003
685	0.003
686	0.003
687	0.003
688	0.003
689	0.004
690	0.003
691	0.003
692	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

693	0.004
694	0.004
695	0.004
696	0.003
697	0.003
698	0.003
699	0.004
700	0.004
701	0.004
702	0.004
703	0.004
704	0.004
705	0.004
706	0.004
707	0.004
708	0.004
709	0.004
710	0.004
711	0.004
712	0.004
713	0.004
714	0.003
715	0.004
716	0.004
717	0.004
718	0.004
719	0.005
720	0.005
721	0.006
722	0.005
723	0.005
724	0.006
725	0.006
726	0.006
727	0.006
728	0.007
729	0.009
730	0.007
731	0.006
732	0.006
733	0.006
734	0.005
735	0.005
736	0.005
737	0.005
738	0.005
739	0.006
740	0.006
741	0.007
742	0.008
743	0.008
744	0.008
745	0.007
746	0.008
747	0.008
748	0.008
749	0.009
750	0.008
751	0.008
752	0.007
753	0.007
754	0.009
755	0.009
756	0.009
757	0.009
758	0.008
759	0.007
760	0.007
761	0.008
762	0.007
763	0.006
764	0.006
765	0.006
766	0.006
767	0.006
768	0.009
769	0.011
770	0.007
771	0.006
772	0.006
773	0.007
774	0.007
775	0.007
776	0.009
777	0.011
778	0.01
779	0.007
780	0.007
781	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

782	0.008
783	0.007
784	0.007
785	0.007
786	0.006
787	0.008
788	0.008
789	0.007
790	0.008
791	0.007
792	0.007
793	0.006
794	0.005
795	0.006
796	0.006
797	0.006
798	0.007
799	0.006
800	0.005
801	0.006
802	0.006
803	0.006
804	0.006
805	0.007
806	0.007
807	0.007
808	0.007
809	0.01
810	0.008
811	0.007
812	0.006
813	0.006
814	0.009
815	0.009
816	0.006
817	0.006
818	0.006
819	0.006
820	0.006
821	0.006
822	0.006
823	0.007
824	0.009
825	0.01
826	0.009
827	0.008
828	0.008
829	0.01
830	0.01
831	0.01
832	0.01
833	0.008
834	0.008
835	0.007
836	0.007
837	0.007
838	0.007
839	0.007
840	0.008
841	0.007
842	0.007
843	0.007
844	0.007
845	0.006
846	0.007
847	0.007
848	0.007
849	0.008
850	0.008
851	0.007
852	0.008
853	0.007
854	0.007
855	0.008
856	0.007
857	0.012
858	0.008
859	0.007
860	0.006
861	0.006
862	0.006
863	0.006
864	0.006
865	0.006
866	0.006
867	0.006
868	0.006
869	0.006
870	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

871	0.007
872	0.007
873	0.006
874	0.006
875	0.005
876	0.006
877	0.006
878	0.007
879	0.006
880	0.007
881	0.007
882	0.006
883	0.007
884	0.007
885	0.007
886	0.006
887	0.006
888	0.006
889	0.006
890	0.005
891	0.004
892	0.005
893	0.004
894	0.005
895	0.006
896	0.006
897	0.004
898	0.004
899	0.003
900	0.004
901	0.004
902	0.004
903	0.004
904	0.005
905	0.004
906	0.004
907	0.003
908	0.004
909	0.003
910	0.004
911	0.004
912	0.004
913	0.004
914	0.004
915	0.004
916	0.004
917	0.003
918	0.003
919	0.004
920	0.005
921	0.006
922	0.006
923	0.005
924	0.005
925	0.005
926	0.005
927	0.005
928	0.005
929	0.005
930	0.005
931	0.005
932	0.005
933	0.005
934	0.004
935	0.004
936	0.003
937	0.004
938	0.005
939	0.005
940	0.007
941	0.007
942	0.006
943	0.005
944	0.005
945	0.006
946	0.005
947	0.004
948	0.005
949	0.005
950	0.004
951	0.004
952	0.004
953	0.004
954	0.005
955	0.004
956	0.005
957	0.005
958	0.004
959	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

960	0.006
961	0.006
962	0.005
963	0.005
964	0.005
965	0.005
966	0.005
967	0.006
968	0.005
969	0.007
970	0.007
971	0.007
972	0.007
973	0.006
974	0.006
975	0.006
976	0.006
977	0.006
978	0.007
979	0.007
980	0.006
981	0.006
982	0.006
983	0.006
984	0.005
985	0.005
986	0.005
987	0.005
988	0.006
989	0.005
990	0.004
991	0.005
992	0.005
993	0.004
994	0.005
995	0.005
996	0.004
997	0.004
998	0.007
999	0.007
1000	0.006
1001	0.005
1002	0.004
1003	0.005
1004	0.005
1005	0.004
1006	0.006
1007	0.005
1008	0.004
1009	0.004
1010	0.004
1011	0.004
1012	0.004
1013	0.004
1014	0.005
1015	0.004
1016	0.003
1017	0.004
1018	0.004
1019	0.004
1020	0.005
1021	0.004
1022	0.004
1023	0.004
1024	0.004
1025	0.005
1026	0.004
1027	0.004
1028	0.004
1029	0.004
1030	0.004
1031	0.004
1032	0.005
1033	0.004
1034	0.003
1035	0.004
1036	0.005
1037	0.005
1038	0.004
1039	0.004
1040	0.005
1041	0.004
1042	0.004
1043	0.005
1044	0.005
1045	0.005
1046	0.005
1047	0.005
1048	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1049	0.004
1050	0.005
1051	0.005
1052	0.004
1053	0.004
1054	0.005
1055	0.005
1056	0.005
1057	0.005
1058	0.006
1059	0.005
1060	0.005
1061	0.005
1062	0.005
1063	0.005
1064	0.005
1065	0.005
1066	0.005
1067	0.006
1068	0.006
1069	0.006
1070	0.006
1071	0.006
1072	0.007
1073	0.008
1074	0.008
1075	0.008
1076	0.008
1077	0.009
1078	0.008
1079	0.007
1080	0.007
1081	0.007
1082	0.006
1083	0.006
1084	0.007
1085	0.008
1086	0.008
1087	0.007
1088	0.007
1089	0.007
1090	0.007
1091	0.006
1092	0.006
1093	0.007
1094	0.006
1095	0.005
1096	0.005
1097	0.004
1098	0.005
1099	0.006
1100	0.006
1101	0.005
1102	0.005
1103	0.005
1104	0.005
1105	0.005
1106	0.006
1107	0.005
1108	0.005
1109	0.006
1110	0.005
1111	0.005
1112	0.005
1113	0.004
1114	0.004
1115	0.005
1116	0.005
1117	0.005
1118	0.005
1119	0.006
1120	0.006
1121	0.004
1122	0.005
1123	0.006
1124	0.007
1125	0.005
1126	0.004
1127	0.006
1128	0.008
1129	0.006
1130	0.008
1131	0.009
1132	0.005
1133	0.005
1134	0.005
1135	0.004
1136	0.005
1137	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1138	0.005
1139	0.009
1140	0.01
1141	0.004
1142	0.005
1143	0.006
1144	0.004
1145	0.004
1146	0.005
1147	0.005
1148	0.004
1149	0.004
1150	0.004
1151	0.005
1152	0.005
1153	0.005
1154	0.005
1155	0.004
1156	0.004
1157	0.004
1158	0.005
1159	0.006
1160	0.009
1161	0.01
1162	0.011
1163	0.013
1164	0.016
1165	0.015
1166	0.011
1167	0.009
1168	0.01
1169	0.011
1170	0.008
1171	0.005
1172	0.005
1173	0.005
1174	0.006
1175	0.006
1176	0.008
1177	0.008
1178	0.006
1179	0.006
1180	0.005
1181	0.005
1182	0.006
1183	0.006
1184	0.006
1185	0.004
1186	0.004
1187	0.004
1188	0.005
1189	0.008
1190	0.009
1191	0.004
1192	0.004
1193	0.005
1194	0.006
1195	0.006
1196	0.004
1197	0.005
1198	0.004
1199	0.004
1200	0.005
1201	0.005
1202	0.004
1203	0.005
1204	0.005
1205	0.005
1206	0.005
1207	0.004
1208	0.005
1209	0.005
1210	0.005
1211	0.004
1212	0.005
1213	0.009
1214	0.009
1215	0.005
1216	0.004
1217	0.004
1218	0.005
1219	0.005
1220	0.004
1221	0.004
1222	0.004
1223	0.005
1224	0.005
1225	0.005
1226	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1227	0.005
1228	0.005
1229	0.005
1230	0.004
1231	0.004
1232	0.005
1233	0.005
1234	0.005
1235	0.005
1236	0.005
1237	0.005
1238	0.006
1239	0.005
1240	0.012
1241	0.014
1242	0.005
1243	0.004
1244	0.004
1245	0.005
1246	0.005
1247	0.005
1248	0.005
1249	0.005
1250	0.005
1251	0.005
1252	0.006
1253	0.006
1254	0.005
1255	0.005
1256	0.005
1257	0.005
1258	0.005
1259	0.005
1260	0.005
1261	0.005
1262	0.005
1263	0.005
1264	0.005
1265	0.006
1266	0.007
1267	0.007
1268	0.006
1269	0.006
1270	0.005
1271	0.005
1272	0.006
1273	0.006
1274	0.006
1275	0.006
1276	0.006
1277	0.007
1278	0.007
1279	0.006
1280	0.006
1281	0.007
1282	0.006
1283	0.006
1284	0.008
1285	0.013
1286	0.013
1287	0.012
1288	0.011
1289	0.009
1290	0.009
1291	0.009
1292	0.009
1293	0.008
1294	0.009
1295	0.009
1296	0.008
1297	0.009
1298	0.011
1299	0.01
1300	0.01
1301	0.009
1302	0.009
1303	0.01
1304	0.01
1305	0.009
1306	0.009
1307	0.009
1308	0.009
1309	0.011
1310	0.011
1311	0.011
1312	0.012
1313	0.014
1314	0.015
1315	0.015

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1316	0.015
1317	0.015
1318	0.015
1319	0.014
1320	0.014
1321	0.013
1322	0.013
1323	0.011
1324	0.009
1325	0.009
1326	0.008
1327	0.007
1328	0.006
1329	0.006
1330	0.006
1331	0.007
1332	0.009
1333	0.009
1334	0.009
1335	0.01
1336	0.011
1337	0.011
1338	0.011
1339	0.013
1340	0.013
1341	0.013
1342	0.014
1343	0.013
1344	0.011
1345	0.01
1346	0.007
1347	0.007
1348	0.006
1349	0.006
1350	0.007
1351	0.007
1352	0.007
1353	0.006
1354	0.006
1355	0.007
1356	0.007
1357	0.007
1358	0.007
1359	0.006
1360	0.007
1361	0.006
1362	0.007
1363	0.007
1364	0.007
1365	0.008
1366	0.008
1367	0.008
1368	0.007
1369	0.007
1370	0.007
1371	0.008
1372	0.008
1373	0.009
1374	0.012
1375	0.013
1376	0.009
1377	0.009
1378	0.01
1379	0.011
1380	0.012
1381	0.012
1382	0.012
1383	0.012
1384	0.012
1385	0.012
1386	0.011
1387	0.012
1388	0.01
1389	0.011
1390	0.012
1391	0.012
1392	0.01
1393	0.011
1394	0.015
1395	0.015
1396	0.011
1397	0.012
1398	0.014
1399	0.016
1400	0.017
1401	0.018
1402	0.02
1403	0.02
1404	0.017

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1405	0.015
1406	0.012
1407	0.011
1408	0.009
1409	0.008
1410	0.008
1411	0.008
1412	0.008
1413	0.007
1414	0.006
1415	0.007
1416	0.007
1417	0.007
1418	0.008
1419	0.009
1420	0.01
1421	0.011
1422	0.016
1423	0.021
1424	0.022
1425	0.019
1426	0.014
1427	0.011
1428	0.011
1429	0.01
1430	0.01
1431	0.01
1432	0.011
1433	0.011
1434	0.011
1435	0.009
1436	0.009
1437	0.009
1438	0.01
1439	0.01
1440	0.013
1441	0.015
1442	0.015
1443	0.014
1444	0.013
1445	0.013
1446	0.013
1447	0.013
1448	0.017
1449	0.032
1450	0.012
1451	0.011
1452	0.011
1453	0.012
1454	0.011
1455	0.012
1456	0.011
1457	0.011
1458	0.013
1459	0.012
1460	0.012
1461	0.008
1462	0.009
1463	0.008
1464	0.007
1465	0.008
1466	0.009
1467	0.009
1468	0.01
1469	0.012
1470	0.013
1471	0.012
1472	0.012
1473	0.014
1474	0.014
1475	0.009
1476	0.008
1477	0.007
1478	0.007
1479	0.007
1480	0.007
1481	0.006
1482	0.008
1483	0.008
1484	0.007
1485	0.007
1486	0.007
1487	0.008
1488	0.007
1489	0.008
1490	0.008
1491	0.009
1492	0.008
1493	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1494	0.007
1495	0.007
1496	0.008
1497	0.007
1498	0.007
1499	0.007
1500	0.007
1501	0.007
1502	0.008
1503	0.008
1504	0.008
1505	0.007
1506	0.007
1507	0.007
1508	0.007
1509	0.008
1510	0.008
1511	0.007
1512	0.008
1513	0.008
1514	0.009
1515	0.009
1516	0.01
1517	0.01
1518	0.008
1519	0.007
1520	0.005
1521	0.004
1522	0.004
1523	0.006
1524	0.006
1525	0.007
1526	0.007
1527	0.007
1528	0.007
1529	0.007
1530	0.006
1531	0.006
1532	0.006
1533	0.006
1534	0.005
1535	0.005
1536	0.006
1537	0.006
1538	0.005
1539	0.005
1540	0.005
1541	0.005
1542	0.005
1543	0.005
1544	0.005
1545	0.006
1546	0.007
1547	0.007
1548	0.005
1549	0.005
1550	0.006
1551	0.006
1552	0.005
1553	0.005
1554	0.006
1555	0.006
1556	0.005
1557	0.006
1558	0.007
1559	0.007
1560	0.005
1561	0.005
1562	0.006
1563	0.005
1564	0.007
1565	0.005
1566	0.005
1567	0.005
1568	0.005
1569	0.005
1570	0.005
1571	0.007
1572	0.005
1573	0.006
1574	0.006
1575	0.005
1576	0.005
1577	0.005
1578	0.006
1579	0.005
1580	0.006
1581	0.007
1582	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1583	0.007
1584	0.006
1585	0.007
1586	0.007
1587	0.006
1588	0.006
1589	0.007
1590	0.007
1591	0.007
1592	0.009
1593	0.011
1594	0.012
1595	0.012
1596	0.012
1597	0.016
1598	0.015
1599	0.016
1600	0.016
1601	0.015
1602	0.013
1603	0.012
1604	0.009
1605	0.009
1606	0.01
1607	0.01
1608	0.008
1609	0.007
1610	0.007
1611	0.007
1612	0.007
1613	0.007
1614	0.007
1615	0.007
1616	0.007
1617	0.007
1618	0.007
1619	0.007
1620	0.007
1621	0.007
1622	0.007
1623	0.007
1624	0.007
1625	0.006
1626	0.006
1627	0.006
1628	0.007
1629	0.007
1630	0.007
1631	0.007
1632	0.007
1633	0.007
1634	0.008
1635	0.009
1636	0.009
1637	0.011
1638	0.011
1639	0.007
1640	0.007
1641	0.006
1642	0.007
1643	0.006
1644	0.006
1645	0.007
1646	0.009
1647	0.008
1648	0.008
1649	0.007
1650	0.006
1651	0.006
1652	0.007
1653	0.008
1654	0.008
1655	0.007
1656	0.007
1657	0.008
1658	0.007
1659	0.007
1660	0.008
1661	0.008
1662	0.007
1663	0.007
1664	0.008
1665	0.009
1666	0.01
1667	0.011
1668	0.01
1669	0.011
1670	0.011
1671	0.012

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1672	0.012
1673	0.011
1674	0.007
1675	0.009
1676	0.01
1677	0.009
1678	0.008
1679	0.008
1680	0.008
1681	0.006
1682	0.005
1683	0.006
1684	0.007
1685	0.007
1686	0.007
1687	0.007
1688	0.009
1689	0.01
1690	0.01
1691	0.01
1692	0.01
1693	0.011
1694	0.014
1695	0.013
1696	0.01
1697	0.01
1698	0.01
1699	0.009
1700	0.01
1701	0.01
1702	0.009
1703	0.008
1704	0.009
1705	0.009
1706	0.009
1707	0.01
1708	0.011
1709	0.011
1710	0.01
1711	0.01
1712	0.011
1713	0.01
1714	0.01
1715	0.009
1716	0.01
1717	0.009
1718	0.009
1719	0.009
1720	0.006
1721	0.006
1722	0.007
1723	0.008
1724	0.008
1725	0.009
1726	0.009
1727	0.008
1728	0.011
1729	0.011
1730	0.008
1731	0.008
1732	0.008
1733	0.007
1734	0.007
1735	0.009
1736	0.01
1737	0.008
1738	0.009
1739	0.009
1740	0.01
1741	0.009
1742	0.007
1743	0.007
1744	0.006
1745	0.007
1746	0.006
1747	0.009
1748	0.01
1749	0.006
1750	0.006
1751	0.006
1752	0.006
1753	0.007
1754	0.005
1755	0.007
1756	0.007
1757	0.006
1758	0.006
1759	0.006
1760	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1761	0.007
1762	0.007
1763	0.007
1764	0.006
1765	0.005
1766	0.005
1767	0.006
1768	0.006
1769	0.007
1770	0.01
1771	0.012
1772	0.014
1773	0.012
1774	0.011
1775	0.012
1776	0.015
1777	0.014
1778	0.012
1779	0.009
1780	0.008
1781	0.009
1782	0.009
1783	0.009
1784	0.008
1785	0.007
1786	0.008
1787	0.013
1788	0.019
1789	0.024
1790	0.023
1791	0.018
1792	0.021
1793	0.025
1794	0.036
1795	0.045
1796	0.049
1797	0.051
1798	0.05
1799	0.045
1800	0.043
1801	0.041
1802	0.043
1803	0.042
1804	0.038
1805	0.032
1806	0.023
1807	0.016
1808	0.014
1809	0.015
1810	0.019
1811	0.022
1812	0.024
1813	0.023
1814	0.022
1815	0.019
1816	0.016
1817	0.013
1818	0.012
1819	0.011
1820	0.011
1821	0.011
1822	0.011
1823	0.011
1824	0.009
1825	0.009
1826	0.01
1827	0.01
1828	0.014
1829	0.015
1830	0.012
1831	0.012
1832	0.012
1833	0.012
1834	0.018
1835	0.019
1836	0.014
1837	0.016
1838	0.021
1839	0.024
1840	0.024
1841	0.02
1842	0.014
1843	0.012
1844	0.01
1845	0.009
1846	0.009
1847	0.009
1848	0.009
1849	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1850	0.008
1851	0.007
1852	0.008
1853	0.007
1854	0.008
1855	0.007
1856	0.007
1857	0.007
1858	0.008
1859	0.009
1860	0.018
1861	0.026
1862	0.024
1863	0.018
1864	0.013
1865	0.01
1866	0.009
1867	0.007
1868	0.005
1869	0.005
1870	0.007
1871	0.008
1872	0.007
1873	0.006
1874	0.006
1875	0.005
1876	0.006
1877	0.006
1878	0.005
1879	0.005
1880	0.005
1881	0.006
1882	0.005
1883	0.006
1884	0.006
1885	0.006
1886	0.007
1887	0.007
1888	0.008
1889	0.009
1890	0.008
1891	0.007
1892	0.008
1893	0.008
1894	0.007
1895	0.007
1896	0.007
1897	0.006
1898	0.006
1899	0.006
1900	0.006
1901	0.006
1902	0.006
1903	0.006
1904	0.006
1905	0.006
1906	0.007
1907	0.007
1908	0.007
1909	0.006
1910	0.007
1911	0.007
1912	0.007
1913	0.008
1914	0.007
1915	0.007
1916	0.007
1917	0.007
1918	0.007
1919	0.007
1920	0.007
1921	0.007
1922	0.007
1923	0.007
1924	0.007
1925	0.007
1926	0.007
1927	0.008
1928	0.007
1929	0.007
1930	0.007
1931	0.007
1932	0.006
1933	0.007
1934	0.008
1935	0.007
1936	0.007
1937	0.007
1938	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

1939	0.006
1940	0.006
1941	0.007
1942	0.007
1943	0.005
1944	0.004
1945	0.005
1946	0.003
1947	0.003
1948	0.004
1949	0.004
1950	0.005
1951	0.005
1952	0.005
1953	0.005
1954	0.005
1955	0.006
1956	0.006
1957	0.005
1958	0.005
1959	0.006
1960	0.006
1961	0.006
1962	0.008
1963	0.009
1964	0.01
1965	0.009
1966	0.01
1967	0.011
1968	0.01
1969	0.01
1970	0.009
1971	0.009
1972	0.009
1973	0.009
1974	0.008
1975	0.007
1976	0.008
1977	0.006
1978	0.005
1979	0.005
1980	0.005
1981	0.005
1982	0.008
1983	0.016
1984	0.014
1985	0.01
1986	0.007
1987	0.006
1988	0.006
1989	0.006
1990	0.006
1991	0.007
1992	0.008
1993	0.009
1994	0.008
1995	0.008
1996	0.009
1997	0.008
1998	0.007
1999	0.006
2000	0.007
2001	0.006
2002	0.007
2003	0.006
2004	0.005
2005	0.005
2006	0.005
2007	0.005
2008	0.005
2009	0.005
2010	0.005
2011	0.005
2012	0.005
2013	0.005
2014	0.006
2015	0.007
2016	0.008
2017	0.007
2018	0.005
2019	0.005
2020	0.005
2021	0.005
2022	0.005
2023	0.006
2024	0.005
2025	0.006
2026	0.006
2027	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2028	0.007
2029	0.005
2030	0.005
2031	0.005
2032	0.005
2033	0.006
2034	0.006
2035	0.005
2036	0.005
2037	0.005
2038	0.005
2039	0.005
2040	0.005
2041	0.005
2042	0.005
2043	0.004
2044	0.005
2045	0.005
2046	0.004
2047	0.005
2048	0.005
2049	0.004
2050	0.004
2051	0.005
2052	0.005
2053	0.006
2054	0.006
2055	0.004
2056	0.005
2057	0.005
2058	0.005
2059	0.005
2060	0.005
2061	0.004
2062	0.006
2063	0.015
2064	0.016
2065	0.005
2066	0.006
2067	0.005
2068	0.006
2069	0.006
2070	0.006
2071	0.006
2072	0.005
2073	0.005
2074	0.005
2075	0.006
2076	0.006
2077	0.005
2078	0.006
2079	0.004
2080	0.004
2081	0.006
2082	0.006
2083	0.004
2084	0.004
2085	0.005
2086	0.006
2087	0.005
2088	0.004
2089	0.004
2090	0.005
2091	0.004
2092	0.004
2093	0.004
2094	0.004
2095	0.005
2096	0.003
2097	0.003
2098	0.003
2099	0.003
2100	0.004
2101	0.004
2102	0.004
2103	0.004
2104	0.004
2105	0.004
2106	0.004
2107	0.004
2108	0.004
2109	0.005
2110	0.008
2111	0.01
2112	0.008
2113	0.008
2114	0.008
2115	0.006
2116	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2117	0.007
2118	0.007
2119	0.006
2120	0.008
2121	0.007
2122	0.008
2123	0.008
2124	0.006
2125	0.005
2126	0.004
2127	0.004
2128	0.004
2129	0.005
2130	0.003
2131	0.004
2132	0.004
2133	0.005
2134	0.005
2135	0.006
2136	0.006
2137	0.005
2138	0.006
2139	0.005
2140	0.005
2141	0.005
2142	0.007
2143	0.004
2144	0.004
2145	0.005
2146	0.005
2147	0.006
2148	0.004
2149	0.005
2150	0.005
2151	0.005
2152	0.007
2153	0.007
2154	0.007
2155	0.007
2156	0.007
2157	0.006
2158	0.005
2159	0.004
2160	0.005
2161	0.005
2162	0.005
2163	0.005
2164	0.005
2165	0.006
2166	0.008
2167	0.011
2168	0.013
2169	0.012
2170	0.011
2171	0.01
2172	0.011
2173	0.009
2174	0.008
2175	0.008
2176	0.008
2177	0.009
2178	0.008
2179	0.007
2180	0.006
2181	0.004
2182	0.005
2183	0.005
2184	0.004
2185	0.004
2186	0.004
2187	0.005
2188	0.006
2189	0.006
2190	0.004
2191	0.004
2192	0.005
2193	0.004
2194	0.004
2195	0.004
2196	0.003
2197	0.003
2198	0.003
2199	0.004
2200	0.004
2201	0.004
2202	0.003
2203	0.003
2204	0.004
2205	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2206	0.003
2207	0.003
2208	0.003
2209	0.003
2210	0.003
2211	0.004
2212	0.004
2213	0.003
2214	0.002
2215	0.002
2216	0.002
2217	0.002
2218	0.003
2219	0.003
2220	0.003
2221	0.003
2222	0.003
2223	0.003
2224	0.003
2225	0.003
2226	0.003
2227	0.003
2228	0.003
2229	0.003
2230	0.003
2231	0.002
2232	0.003
2233	0.003
2234	0.003
2235	0.004
2236	0.004
2237	0.004
2238	0.003
2239	0.003
2240	0.003
2241	0.003
2242	0.003
2243	0.003
2244	0.003
2245	0.003
2246	0.003
2247	0.004
2248	0.003
2249	0.003
2250	0.003
2251	0.003
2252	0.004
2253	0.004
2254	0.003
2255	0.004
2256	0.003
2257	0.003
2258	0.003
2259	0.004
2260	0.004
2261	0.005
2262	0.006
2263	0.006
2264	0.003
2265	0.003
2266	0.003
2267	0.003
2268	0.004
2269	0.004
2270	0.004
2271	0.003
2272	0.005
2273	0.004
2274	0.004
2275	0.004
2276	0.004
2277	0.004
2278	0.004
2279	0.003
2280	0.004
2281	0.004
2282	0.003
2283	0.004
2284	0.004
2285	0.005
2286	0.006
2287	0.004
2288	0.004
2289	0.004
2290	0.004
2291	0.004
2292	0.004
2293	0.005
2294	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2295	0.005
2296	0.006
2297	0.004
2298	0.004
2299	0.004
2300	0.004
2301	0.004
2302	0.005
2303	0.003
2304	0.003
2305	0.005
2306	0.006
2307	0.004
2308	0.005
2309	0.006
2310	0.004
2311	0.004
2312	0.004
2313	0.004
2314	0.004
2315	0.003
2316	0.004
2317	0.004
2318	0.004
2319	0.005
2320	0.005
2321	0.005
2322	0.004
2323	0.005
2324	0.004
2325	0.003
2326	0.003
2327	0.003
2328	0.004
2329	0.004
2330	0.004
2331	0.005
2332	0.004
2333	0.005
2334	0.005
2335	0.004
2336	0.004
2337	0.004
2338	0.004
2339	0.004
2340	0.005
2341	0.005
2342	0.005
2343	0.005
2344	0.005
2345	0.005
2346	0.004
2347	0.004
2348	0.004
2349	0.005
2350	0.005
2351	0.005
2352	0.005
2353	0.005
2354	0.005
2355	0.005
2356	0.006
2357	0.004
2358	0.005
2359	0.006
2360	0.006
2361	0.005
2362	0.004
2363	0.005
2364	0.004
2365	0.004
2366	0.004
2367	0.004
2368	0.005
2369	0.005
2370	0.007
2371	0.009
2372	0.005
2373	0.005
2374	0.004
2375	0.004
2376	0.004
2377	0.004
2378	0.004
2379	0.004
2380	0.005
2381	0.008
2382	0.012
2383	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2384	0.014
2385	0.016
2386	0.015
2387	0.014
2388	0.013
2389	0.015
2390	0.016
2391	0.016
2392	0.019
2393	0.02
2394	0.014
2395	0.01
2396	0.009
2397	0.007
2398	0.007
2399	0.005
2400	0.004
2401	0.003
2402	0.004
2403	0.004
2404	0.004
2405	0.005
2406	0.004
2407	0.004
2408	0.004
2409	0.004
2410	0.004
2411	0.003
2412	0.004
2413	0.003
2414	0.004
2415	0.003
2416	0.003
2417	0.003
2418	0.003
2419	0.003
2420	0.003
2421	0.003
2422	0.003
2423	0.003
2424	0.003
2425	0.003
2426	0.003
2427	0.004
2428	0.004
2429	0.004
2430	0.004
2431	0.004
2432	0.004
2433	0.003
2434	0.004
2435	0.004
2436	0.008
2437	0.011
2438	0.007
2439	0.01
2440	0.007
2441	0.007
2442	0.006
2443	0.004
2444	0.004
2445	0.004
2446	0.005
2447	0.005
2448	0.006
2449	0.009
2450	0.006
2451	0.008
2452	0.01
2453	0.011
2454	0.011
2455	0.009
2456	0.006
2457	0.007
2458	0.011
2459	0.009
2460	0.004
2461	0.004
2462	0.004
2463	0.005
2464	0.005
2465	0.004
2466	0.004
2467	0.004
2468	0.004
2469	0.004
2470	0.004
2471	0.005
2472	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2473	0.005
2474	0.004
2475	0.004
2476	0.004
2477	0.005
2478	0.005
2479	0.006
2480	0.004
2481	0.004
2482	0.004
2483	0.006
2484	0.005
2485	0.005
2486	0.007
2487	0.006
2488	0.005
2489	0.005
2490	0.004
2491	0.003
2492	0.004
2493	0.005
2494	0.004
2495	0.004
2496	0.004
2497	0.004
2498	0.004
2499	0.004
2500	0.004
2501	0.003
2502	0.005
2503	0.007
2504	0.007
2505	0.006
2506	0.004
2507	0.004
2508	0.004
2509	0.006
2510	0.013
2511	0.022
2512	0.027
2513	0.023
2514	0.019
2515	0.021
2516	0.022
2517	0.024
2518	0.021
2519	0.018
2520	0.015
2521	0.013
2522	0.012
2523	0.009
2524	0.007
2525	0.006
2526	0.005
2527	0.005
2528	0.004
2529	0.004
2530	0.004
2531	0.004
2532	0.004
2533	0.003
2534	0.004
2535	0.004
2536	0.004
2537	0.004
2538	0.004
2539	0.004
2540	0.003
2541	0.004
2542	0.004
2543	0.004
2544	0.005
2545	0.005
2546	0.005
2547	0.005
2548	0.006
2549	0.006
2550	0.004
2551	0.004
2552	0.004
2553	0.005
2554	0.006
2555	0.005
2556	0.006
2557	0.007
2558	0.011
2559	0.013
2560	0.009
2561	0.011

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2562	0.011
2563	0.011
2564	0.011
2565	0.013
2566	0.012
2567	0.011
2568	0.015
2569	0.02
2570	0.02
2571	0.017
2572	0.017
2573	0.019
2574	0.02
2575	0.021
2576	0.024
2577	0.026
2578	0.026
2579	0.028
2580	0.027
2581	0.024
2582	0.023
2583	0.025
2584	0.026
2585	0.024
2586	0.023
2587	0.024
2588	0.023
2589	0.02
2590	0.02
2591	0.02
2592	0.021
2593	0.022
2594	0.021
2595	0.02
2596	0.021
2597	0.021
2598	0.021
2599	0.022
2600	0.022
2601	0.02
2602	0.02
2603	0.018
2604	0.018
2605	0.019
2606	0.02
2607	0.021
2608	0.022
2609	0.02
2610	0.021
2611	0.021
2612	0.02
2613	0.019
2614	0.018
2615	0.021
2616	0.024
2617	0.024
2618	0.022
2619	0.023
2620	0.023
2621	0.022
2622	0.019
2623	0.017
2624	0.018
2625	0.02
2626	0.02
2627	0.018
2628	0.016
2629	0.016
2630	0.016
2631	0.015
2632	0.014
2633	0.015
2634	0.026
2635	0.029
2636	0.017
2637	0.016
2638	0.017
2639	0.017
2640	0.017
2641	0.017
2642	0.018
2643	0.018
2644	0.02
2645	0.022
2646	0.023
2647	0.024
2648	0.023
2649	0.022
2650	0.018

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2651	0.015
2652	0.014
2653	0.014
2654	0.014
2655	0.015
2656	0.017
2657	0.016
2658	0.015
2659	0.016
2660	0.015
2661	0.016
2662	0.038
2663	0.043
2664	0.015
2665	0.014
2666	0.014
2667	0.013
2668	0.012
2669	0.013
2670	0.012
2671	0.012
2672	0.012
2673	0.011
2674	0.011
2675	0.011
2676	0.011
2677	0.012
2678	0.012
2679	0.013
2680	0.014
2681	0.014
2682	0.015
2683	0.015
2684	0.016
2685	0.017
2686	0.017
2687	0.017
2688	0.017
2689	0.016
2690	0.014
2691	0.015
2692	0.016
2693	0.013
2694	0.012
2695	0.013
2696	0.014
2697	0.016
2698	0.015
2699	0.015
2700	0.018
2701	0.018
2702	0.018
2703	0.017
2704	0.018
2705	0.018
2706	0.018
2707	0.016
2708	0.014
2709	0.014
2710	0.014
2711	0.014
2712	0.015
2713	0.014
2714	0.013
2715	0.013
2716	0.012
2717	0.013
2718	0.014
2719	0.013
2720	0.013
2721	0.013
2722	0.013
2723	0.014
2724	0.014
2725	0.015
2726	0.014
2727	0.014
2728	0.015
2729	0.015
2730	0.016
2731	0.016
2732	0.017
2733	0.017
2734	0.016
2735	0.015
2736	0.014
2737	0.014
2738	0.015
2739	0.015

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2740	0.015
2741	0.013
2742	0.013
2743	0.012
2744	0.012
2745	0.012
2746	0.012
2747	0.012
2748	0.012
2749	0.013
2750	0.013
2751	0.011
2752	0.011
2753	0.01
2754	0.009
2755	0.011
2756	0.011
2757	0.012
2758	0.012
2759	0.012
2760	0.011
2761	0.011
2762	0.01
2763	0.009
2764	0.008
2765	0.009
2766	0.011
2767	0.012
2768	0.012
2769	0.011
2770	0.009
2771	0.009
2772	0.01
2773	0.009
2774	0.009
2775	0.01
2776	0.008
2777	0.009
2778	0.01
2779	0.009
2780	0.008
2781	0.007
2782	0.006
2783	0.005
2784	0.004
2785	0.004
2786	0.006
2787	0.007
2788	0.007
2789	0.007
2790	0.008
2791	0.009
2792	0.008
2793	0.009
2794	0.008
2795	0.008
2796	0.01
2797	0.01
2798	0.01
2799	0.007
2800	0.01
2801	0.009
2802	0.008
2803	0.008
2804	0.007
2805	0.008
2806	0.006
2807	0.005
2808	0.005
2809	0.005
2810	0.004
2811	0.004
2812	0.005
2813	0.004
2814	0.005
2815	0.005
2816	0.007
2817	0.01
2818	0.012
2819	0.013
2820	0.017
2821	0.031
2822	0.033
2823	0.021
2824	0.011
2825	0.007
2826	0.006
2827	0.006
2828	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2829	0.006
2830	0.006
2831	0.005
2832	0.006
2833	0.006
2834	0.006
2835	0.006
2836	0.006
2837	0.009
2838	0.011
2839	0.009
2840	0.008
2841	0.01
2842	0.01
2843	0.01
2844	0.01
2845	0.006
2846	0.007
2847	0.007
2848	0.006
2849	0.007
2850	0.006
2851	0.006
2852	0.006
2853	0.006
2854	0.007
2855	0.007
2856	0.006
2857	0.006
2858	0.007
2859	0.006
2860	0.008
2861	0.007
2862	0.006
2863	0.005
2864	0.005
2865	0.005
2866	0.005
2867	0.006
2868	0.006
2869	0.006
2870	0.007
2871	0.011
2872	0.011
2873	0.007
2874	0.008
2875	0.007
2876	0.006
2877	0.005
2878	0.005
2879	0.005
2880	0.005
2881	0.007
2882	0.008
2883	0.006
2884	0.006
2885	0.006
2886	0.007
2887	0.007
2888	0.007
2889	0.006
2890	0.005
2891	0.007
2892	0.008
2893	0.004
2894	0.006
2895	0.007
2896	0.008
2897	0.008
2898	0.008
2899	0.01
2900	0.007
2901	0.006
2902	0.01
2903	0.011
2904	0.007
2905	0.007
2906	0.007
2907	0.008
2908	0.007
2909	0.008
2910	0.006
2911	0.006
2912	0.006
2913	0.007
2914	0.007
2915	0.005
2916	0.006
2917	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

2918	0.009
2919	0.009
2920	0.009
2921	0.009
2922	0.008
2923	0.008
2924	0.009
2925	0.009
2926	0.009
2927	0.01
2928	0.01
2929	0.007
2930	0.006
2931	0.005
2932	0.009
2933	0.012
2934	0.008
2935	0.007
2936	0.006
2937	0.006
2938	0.007
2939	0.005
2940	0.005
2941	0.005
2942	0.004
2943	0.004
2944	0.005
2945	0.005
2946	0.005
2947	0.004
2948	0.005
2949	0.005
2950	0.003
2951	0.004
2952	0.003
2953	0.003
2954	0.003
2955	0.004
2956	0.004
2957	0.013
2958	0.007
2959	0.003
2960	0.004
2961	0.004
2962	0.004
2963	0.004
2964	0.004
2965	0.005
2966	0.004
2967	0.005
2968	0.005
2969	0.005
2970	0.005
2971	0.006
2972	0.005
2973	0.005
2974	0.005
2975	0.005
2976	0.004
2977	0.005
2978	0.01
2979	0.031
2980	0.044
2981	0.03
2982	0.022
2983	0.011
2984	0.01
2985	0.009
2986	0.008
2987	0.007
2988	0.007
2989	0.008
2990	0.007
2991	0.008
2992	0.015
2993	0.027
2994	0.027
2995	0.02
2996	0.015
2997	0.012
2998	0.011
2999	0.009
3000	0.009
3001	0.01
3002	0.01
3003	0.01
3004	0.01
3005	0.009
3006	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3007	0.008
3008	0.01
3009	0.01
3010	0.007
3011	0.006
3012	0.006
3013	0.011
3014	0.012
3015	0.006
3016	0.005
3017	0.005
3018	0.005
3019	0.005
3020	0.005
3021	0.005
3022	0.005
3023	0.006
3024	0.007
3025	0.007
3026	0.008
3027	0.007
3028	0.009
3029	0.01
3030	0.011
3031	0.01
3032	0.008
3033	0.008
3034	0.009
3035	0.01
3036	0.008
3037	0.008
3038	0.007
3039	0.006
3040	0.007
3041	0.006
3042	0.006
3043	0.006
3044	0.007
3045	0.007
3046	0.005
3047	0.005
3048	0.005
3049	0.005
3050	0.005
3051	0.005
3052	0.006
3053	0.006
3054	0.006
3055	0.006
3056	0.006
3057	0.007
3058	0.006
3059	0.005
3060	0.006
3061	0.006
3062	0.005
3063	0.004
3064	0.005
3065	0.007
3066	0.005
3067	0.005
3068	0.005
3069	0.004
3070	0.004
3071	0.003
3072	0.003
3073	0.003
3074	0.003
3075	0.003
3076	0.004
3077	0.004
3078	0.003
3079	0.003
3080	0.003
3081	0.004
3082	0.004
3083	0.005
3084	0.004
3085	0.004
3086	0.004
3087	0.003
3088	0.003
3089	0.003
3090	0.003
3091	0.004
3092	0.004
3093	0.005
3094	0.004
3095	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3096	0.005
3097	0.005
3098	0.005
3099	0.004
3100	0.004
3101	0.004
3102	0.003
3103	0.004
3104	0.004
3105	0.004
3106	0.005
3107	0.005
3108	0.004
3109	0.004
3110	0.004
3111	0.004
3112	0.004
3113	0.004
3114	0.004
3115	0.004
3116	0.004
3117	0.004
3118	0.004
3119	0.004
3120	0.004
3121	0.004
3122	0.003
3123	0.004
3124	0.004
3125	0.004
3126	0.004
3127	0.004
3128	0.004
3129	0.003
3130	0.003
3131	0.004
3132	0.004
3133	0.004
3134	0.004
3135	0.005
3136	0.007
3137	0.006
3138	0.005
3139	0.004
3140	0.004
3141	0.003
3142	0.003
3143	0.004
3144	0.004
3145	0.003
3146	0.003
3147	0.004
3148	0.004
3149	0.003
3150	0.003
3151	0.004
3152	0.004
3153	0.003
3154	0.003
3155	0.003
3156	0.003
3157	0.004
3158	0.003
3159	0.003
3160	0.003
3161	0.003
3162	0.003
3163	0.003
3164	0.003
3165	0.003
3166	0.003
3167	0.003
3168	0.003
3169	0.004
3170	0.004
3171	0.004
3172	0.003
3173	0.003
3174	0.004
3175	0.004
3176	0.005
3177	0.004
3178	0.003
3179	0.003
3180	0.004
3181	0.005
3182	0.004
3183	0.004
3184	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3185	0.005
3186	0.004
3187	0.003
3188	0.003
3189	0.003
3190	0.004
3191	0.005
3192	0.004
3193	0.006
3194	0.007
3195	0.006
3196	0.006
3197	0.004
3198	0.005
3199	0.006
3200	0.005
3201	0.004
3202	0.004
3203	0.006
3204	0.005
3205	0.004
3206	0.004
3207	0.003
3208	0.004
3209	0.004
3210	0.004
3211	0.005
3212	0.005
3213	0.004
3214	0.005
3215	0.006
3216	0.005
3217	0.004
3218	0.003
3219	0.004
3220	0.005
3221	0.005
3222	0.004
3223	0.004
3224	0.005
3225	0.006
3226	0.006
3227	0.005
3228	0.005
3229	0.006
3230	0.006
3231	0.008
3232	0.008
3233	0.006
3234	0.006
3235	0.007
3236	0.007
3237	0.004
3238	0.004
3239	0.004
3240	0.005
3241	0.005
3242	0.003
3243	0.003
3244	0.004
3245	0.003
3246	0.003
3247	0.004
3248	0.004
3249	0.005
3250	0.006
3251	0.005
3252	0.005
3253	0.005
3254	0.006
3255	0.006
3256	0.007
3257	0.006
3258	0.005
3259	0.006
3260	0.01
3261	0.008
3262	0.007
3263	0.008
3264	0.008
3265	0.008
3266	0.009
3267	0.01
3268	0.009
3269	0.009
3270	0.008
3271	0.011
3272	0.011
3273	0.013

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3274	0.024
3275	0.028
3276	0.02
3277	0.012
3278	0.008
3279	0.009
3280	0.009
3281	0.007
3282	0.007
3283	0.007
3284	0.007
3285	0.007
3286	0.007
3287	0.006
3288	0.006
3289	0.006
3290	0.006
3291	0.006
3292	0.006
3293	0.007
3294	0.008
3295	0.005
3296	0.006
3297	0.006
3298	0.006
3299	0.007
3300	0.006
3301	0.005
3302	0.004
3303	0.008
3304	0.007
3305	0.007
3306	0.008
3307	0.005
3308	0.006
3309	0.007
3310	0.009
3311	0.007
3312	0.005
3313	0.006
3314	0.005
3315	0.006
3316	0.008
3317	0.022
3318	0.063
3319	0.122
3320	0.127
3321	0.109
3322	0.12
3323	0.129
3324	0.097
3325	0.065
3326	0.04
3327	0.026
3328	0.023
3329	0.018
3330	0.012
3331	0.008
3332	0.006
3333	0.007
3334	0.011
3335	0.011
3336	0.007
3337	0.006
3338	0.008
3339	0.01
3340	0.007
3341	0.007
3342	0.007
3343	0.008
3344	0.007
3345	0.008
3346	0.007
3347	0.007
3348	0.008
3349	0.009
3350	0.007
3351	0.007
3352	0.007
3353	0.007
3354	0.008
3355	0.007
3356	0.007
3357	0.007
3358	0.006
3359	0.006
3360	0.006
3361	0.007
3362	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3363	0.011
3364	0.011
3365	0.008
3366	0.008
3367	0.007
3368	0.008
3369	0.007
3370	0.007
3371	0.007
3372	0.009
3373	0.009
3374	0.007
3375	0.007
3376	0.01
3377	0.009
3378	0.009
3379	0.006
3380	0.005
3381	0.007
3382	0.005
3383	0.005
3384	0.005
3385	0.006
3386	0.005
3387	0.005
3388	0.005
3389	0.006
3390	0.008
3391	0.007
3392	0.006
3393	0.006
3394	0.006
3395	0.007
3396	0.008
3397	0.005
3398	0.006
3399	0.01
3400	0.006
3401	0.005
3402	0.006
3403	0.006
3404	0.006
3405	0.007
3406	0.005
3407	0.005
3408	0.005
3409	0.005
3410	0.005
3411	0.005
3412	0.004
3413	0.004
3414	0.004
3415	0.003
3416	0.003
3417	0.003
3418	0.004
3419	0.004
3420	0.004
3421	0.004
3422	0.004
3423	0.004
3424	0.004
3425	0.004
3426	0.004
3427	0.003
3428	0.004
3429	0.004
3430	0.004
3431	0.004
3432	0.003
3433	0.003
3434	0.004
3435	0.004
3436	0.005
3437	0.005
3438	0.005
3439	0.005
3440	0.006
3441	0.005
3442	0.005
3443	0.005
3444	0.004
3445	0.004
3446	0.005
3447	0.005
3448	0.007
3449	0.003
3450	0.004
3451	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3452	0.004
3453	0.004
3454	0.003
3455	0.003
3456	0.004
3457	0.003
3458	0.003
3459	0.004
3460	0.005
3461	0.007
3462	0.008
3463	0.007
3464	0.006
3465	0.005
3466	0.005
3467	0.004
3468	0.003
3469	0.003
3470	0.004
3471	0.006
3472	0.007
3473	0.008
3474	0.008
3475	0.005
3476	0.004
3477	0.003
3478	0.003
3479	0.004
3480	0.006
3481	0.008
3482	0.01
3483	0.008
3484	0.005
3485	0.004
3486	0.004
3487	0.004
3488	0.005
3489	0.004
3490	0.004
3491	0.004
3492	0.004
3493	0.004
3494	0.004
3495	0.004
3496	0.004
3497	0.004
3498	0.004
3499	0.004
3500	0.003
3501	0.003
3502	0.004
3503	0.003
3504	0.004
3505	0.003
3506	0.003
3507	0.004
3508	0.004
3509	0.004
3510	0.004
3511	0.004
3512	0.003
3513	0.006
3514	0.006
3515	0.004
3516	0.003
3517	0.004
3518	0.005
3519	0.004
3520	0.003
3521	0.004
3522	0.004
3523	0.005
3524	0.004
3525	0.004
3526	0.004
3527	0.004
3528	0.004
3529	0.004
3530	0.005
3531	0.005
3532	0.004
3533	0.004
3534	0.004
3535	0.004
3536	0.005
3537	0.005
3538	0.005
3539	0.003
3540	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3541	0.004
3542	0.004
3543	0.003
3544	0.004
3545	0.004
3546	0.004
3547	0.004
3548	0.004
3549	0.015
3550	0.016
3551	0.005
3552	0.005
3553	0.005
3554	0.004
3555	0.004
3556	0.004
3557	0.008
3558	0.011
3559	0.009
3560	0.007
3561	0.006
3562	0.005
3563	0.006
3564	0.004
3565	0.006
3566	0.006
3567	0.006
3568	0.015
3569	0.027
3570	0.032
3571	0.031
3572	0.028
3573	0.032
3574	0.03
3575	0.024
3576	0.02
3577	0.02
3578	0.023
3579	0.022
3580	0.017
3581	0.013
3582	0.009
3583	0.008
3584	0.007
3585	0.007
3586	0.008
3587	0.008
3588	0.008
3589	0.009
3590	0.01
3591	0.006
3592	0.005
3593	0.005
3594	0.005
3595	0.004
3596	0.005
3597	0.005
3598	0.003
3599	0.004
3600	0.003
3601	0.004
3602	0.004
3603	0.004
3604	0.004
3605	0.005
3606	0.004
3607	0.004
3608	0.004
3609	0.004
3610	0.003
3611	0.005
3612	0.005
3613	0.003
3614	0.003
3615	0.004
3616	0.003
3617	0.004
3618	0.004
3619	0.003
3620	0.005
3621	0.007
3622	0.005
3623	0.006
3624	0.004
3625	0.003
3626	0.004
3627	0.003
3628	0.003
3629	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3630	0.003
3631	0.003
3632	0.003
3633	0.003
3634	0.004
3635	0.004
3636	0.004
3637	0.003
3638	0.003
3639	0.004
3640	0.004
3641	0.007
3642	0.008
3643	0.004
3644	0.004
3645	0.004
3646	0.004
3647	0.004
3648	0.003
3649	0.003
3650	0.003
3651	0.004
3652	0.004
3653	0.004
3654	0.003
3655	0.003
3656	0.003
3657	0.004
3658	0.004
3659	0.004
3660	0.004
3661	0.003
3662	0.003
3663	0.004
3664	0.003
3665	0.003
3666	0.004
3667	0.004
3668	0.003
3669	0.004
3670	0.005
3671	0.005
3672	0.005
3673	0.006
3674	0.005
3675	0.004
3676	0.004
3677	0.005
3678	0.006
3679	0.007
3680	0.008
3681	0.008
3682	0.005
3683	0.005
3684	0.008
3685	0.012
3686	0.012
3687	0.007
3688	0.006
3689	0.005
3690	0.005
3691	0.005
3692	0.005
3693	0.004
3694	0.005
3695	0.004
3696	0.003
3697	0.004
3698	0.004
3699	0.004
3700	0.004
3701	0.003
3702	0.003
3703	0.005
3704	0.004
3705	0.005
3706	0.005
3707	0.006
3708	0.005
3709	0.004
3710	0.003
3711	0.004
3712	0.004
3713	0.003
3714	0.003
3715	0.003
3716	0.004
3717	0.005
3718	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3719	0.004
3720	0.004
3721	0.004
3722	0.004
3723	0.005
3724	0.004
3725	0.004
3726	0.004
3727	0.005
3728	0.006
3729	0.004
3730	0.005
3731	0.009
3732	0.006
3733	0.007
3734	0.007
3735	0.008
3736	0.007
3737	0.007
3738	0.006
3739	0.006
3740	0.006
3741	0.007
3742	0.01
3743	0.007
3744	0.006
3745	0.004
3746	0.004
3747	0.005
3748	0.004
3749	0.004
3750	0.004
3751	0.005
3752	0.004
3753	0.005
3754	0.005
3755	0.005
3756	0.005
3757	0.005
3758	0.006
3759	0.006
3760	0.004
3761	0.004
3762	0.004
3763	0.005
3764	0.004
3765	0.004
3766	0.004
3767	0.003
3768	0.003
3769	0.003
3770	0.004
3771	0.003
3772	0.004
3773	0.004
3774	0.004
3775	0.004
3776	0.004
3777	0.004
3778	0.004
3779	0.003
3780	0.003
3781	0.003
3782	0.004
3783	0.005
3784	0.005
3785	0.003
3786	0.003
3787	0.004
3788	0.004
3789	0.004
3790	0.004
3791	0.006
3792	0.012
3793	0.014
3794	0.009
3795	0.008
3796	0.007
3797	0.005
3798	0.006
3799	0.009
3800	0.018
3801	0.019
3802	0.006
3803	0.006
3804	0.006
3805	0.005
3806	0.004
3807	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3808	0.004
3809	0.004
3810	0.004
3811	0.004
3812	0.004
3813	0.004
3814	0.004
3815	0.004
3816	0.004
3817	0.004
3818	0.005
3819	0.006
3820	0.004
3821	0.003
3822	0.004
3823	0.005
3824	0.004
3825	0.004
3826	0.004
3827	0.004
3828	0.005
3829	0.005
3830	0.005
3831	0.009
3832	0.02
3833	0.019
3834	0.013
3835	0.012
3836	0.012
3837	0.015
3838	0.014
3839	0.018
3840	0.024
3841	0.021
3842	0.016
3843	0.015
3844	0.016
3845	0.014
3846	0.012
3847	0.012
3848	0.009
3849	0.007
3850	0.008
3851	0.007
3852	0.007
3853	0.007
3854	0.006
3855	0.006
3856	0.006
3857	0.006
3858	0.006
3859	0.006
3860	0.007
3861	0.007
3862	0.006
3863	0.007
3864	0.007
3865	0.006
3866	0.007
3867	0.007
3868	0.006
3869	0.005
3870	0.005
3871	0.007
3872	0.006
3873	0.005
3874	0.005
3875	0.005
3876	0.004
3877	0.004
3878	0.005
3879	0.004
3880	0.005
3881	0.004
3882	0.006
3883	0.005
3884	0.004
3885	0.005
3886	0.005
3887	0.005
3888	0.006
3889	0.005
3890	0.005
3891	0.006
3892	0.004
3893	0.006
3894	0.006
3895	0.006
3896	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3897	0.005
3898	0.01
3899	0.011
3900	0.006
3901	0.006
3902	0.005
3903	0.005
3904	0.004
3905	0.005
3906	0.006
3907	0.006
3908	0.006
3909	0.005
3910	0.005
3911	0.005
3912	0.005
3913	0.005
3914	0.005
3915	0.005
3916	0.004
3917	0.004
3918	0.004
3919	0.004
3920	0.004
3921	0.004
3922	0.004
3923	0.005
3924	0.004
3925	0.004
3926	0.005
3927	0.005
3928	0.03
3929	0.225
3930	0.517
3931	0.43
3932	0.275
3933	0.162
3934	0.085
3935	0.042
3936	0.027
3937	0.041
3938	0.079
3939	0.079
3940	0.055
3941	0.038
3942	0.032
3943	0.032
3944	0.02
3945	0.012
3946	0.01
3947	0.011
3948	0.014
3949	0.017
3950	0.022
3951	0.025
3952	0.021
3953	0.013
3954	0.011
3955	0.01
3956	0.009
3957	0.011
3958	0.014
3959	0.014
3960	0.012
3961	0.009
3962	0.009
3963	0.008
3964	0.009
3965	0.01
3966	0.013
3967	0.014
3968	0.014
3969	0.014
3970	0.012
3971	0.012
3972	0.012
3973	0.011
3974	0.012
3975	0.012
3976	0.01
3977	0.008
3978	0.009
3979	0.011
3980	0.01
3981	0.008
3982	0.008
3983	0.007
3984	0.006
3985	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

3986	0.004
3987	0.005
3988	0.005
3989	0.004
3990	0.005
3991	0.005
3992	0.004
3993	0.005
3994	0.004
3995	0.004
3996	0.004
3997	0.004
3998	0.004
3999	0.121
4000	0.136
4001	0.004
4002	0.004
4003	0.004
4004	0.004
4005	0.004
4006	0.004
4007	0.004
4008	0.004
4009	0.004
4010	0.004
4011	0.004
4012	0.005
4013	0.004
4014	0.004
4015	0.005
4016	0.005
4017	0.004
4018	0.004
4019	0.006
4020	0.005
4021	0.006
4022	0.006
4023	0.005
4024	0.006
4025	0.006
4026	0.006
4027	0.005
4028	0.005
4029	0.005
4030	0.005
4031	0.005
4032	0.004
4033	0.003
4034	0.003
4035	0.003
4036	0.003
4037	0.004
4038	0.004
4039	0.003
4040	0.003
4041	0.004
4042	0.005
4043	0.003
4044	0.003
4045	0.003
4046	0.003
4047	0.004
4048	0.005
4049	0.004
4050	0.003
4051	0.003
4052	0.003
4053	0.003
4054	0.003
4055	0.003
4056	0.004
4057	0.003
4058	0.003
4059	0.003
4060	0.003
4061	0.003
4062	0.004
4063	0.005
4064	0.005
4065	0.005
4066	0.004
4067	0.004
4068	0.004
4069	0.005
4070	0.006
4071	0.008
4072	0.005
4073	0.005
4074	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4075	0.008
4076	0.005
4077	0.005
4078	0.004
4079	0.005
4080	0.005
4081	0.005
4082	0.005
4083	0.004
4084	0.006
4085	0.008
4086	0.006
4087	0.006
4088	0.006
4089	0.005
4090	0.004
4091	0.003
4092	0.004
4093	0.004
4094	0.004
4095	0.004
4096	0.004
4097	0.003
4098	0.004
4099	0.005
4100	0.005
4101	0.004
4102	0.003
4103	0.003
4104	0.003
4105	0.003
4106	0.003
4107	0.003
4108	0.004
4109	0.004
4110	0.004
4111	0.003
4112	0.004
4113	0.004
4114	0.004
4115	0.004
4116	0.004
4117	0.003
4118	0.003
4119	0.004
4120	0.004
4121	0.004
4122	0.004
4123	0.003
4124	0.003
4125	0.003
4126	0.004
4127	0.005
4128	0.006
4129	0.006
4130	0.005
4131	0.004
4132	0.004
4133	0.004
4134	0.003
4135	0.004
4136	0.004
4137	0.01
4138	0.019
4139	0.006
4140	0.006
4141	0.008
4142	0.003
4143	0.004
4144	0.003
4145	0.004
4146	0.005
4147	0.009
4148	0.009
4149	0.007
4150	0.012
4151	0.013
4152	0.006
4153	0.005
4154	0.006
4155	0.006
4156	0.007
4157	0.007
4158	0.007
4159	0.006
4160	0.007
4161	0.008
4162	0.008
4163	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4164	0.009
4165	0.01
4166	0.01
4167	0.011
4168	0.009
4169	0.007
4170	0.006
4171	0.005
4172	0.004
4173	0.004
4174	0.004
4175	0.003
4176	0.003
4177	0.003
4178	0.003
4179	0.003
4180	0.003
4181	0.004
4182	0.003
4183	0.004
4184	0.004
4185	0.004
4186	0.004
4187	0.004
4188	0.005
4189	0.004
4190	0.005
4191	0.005
4192	0.004
4193	0.004
4194	0.004
4195	0.004
4196	0.004
4197	0.005
4198	0.005
4199	0.004
4200	0.004
4201	0.005
4202	0.005
4203	0.005
4204	0.005
4205	0.005
4206	0.006
4207	0.006
4208	0.006
4209	0.007
4210	0.007
4211	0.006
4212	0.005
4213	0.005
4214	0.005
4215	0.004
4216	0.006
4217	0.007
4218	0.006
4219	0.008
4220	0.006
4221	0.005
4222	0.006
4223	0.006
4224	0.004
4225	0.004
4226	0.004
4227	0.003
4228	0.003
4229	0.004
4230	0.004
4231	0.004
4232	0.003
4233	0.004
4234	0.005
4235	0.005
4236	0.004
4237	0.004
4238	0.004
4239	0.004
4240	0.004
4241	0.004
4242	0.004
4243	0.004
4244	0.004
4245	0.005
4246	0.005
4247	0.005
4248	0.006
4249	0.007
4250	0.005
4251	0.004
4252	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4253	0.005
4254	0.005
4255	0.006
4256	0.004
4257	0.004
4258	0.005
4259	0.006
4260	0.008
4261	0.007
4262	0.006
4263	0.008
4264	0.012
4265	0.013
4266	0.008
4267	0.006
4268	0.005
4269	0.005
4270	0.005
4271	0.007
4272	0.008
4273	0.006
4274	0.005
4275	0.004
4276	0.004
4277	0.004
4278	0.003
4279	0.004
4280	0.004
4281	0.004
4282	0.004
4283	0.003
4284	0.004
4285	0.004
4286	0.005
4287	0.005
4288	0.004
4289	0.005
4290	0.005
4291	0.004
4292	0.005
4293	0.005
4294	0.005
4295	0.005
4296	0.005
4297	0.004
4298	0.004
4299	0.006
4300	0.006
4301	0.006
4302	0.006
4303	0.007
4304	0.007
4305	0.007
4306	0.007
4307	0.008
4308	0.008
4309	0.008
4310	0.008
4311	0.007
4312	0.007
4313	0.007
4314	0.007
4315	0.007
4316	0.008
4317	0.007
4318	0.009
4319	0.009
4320	0.006
4321	0.013
4322	0.014
4323	0.006
4324	0.006
4325	0.006
4326	0.007
4327	0.006
4328	0.005
4329	0.005
4330	0.006
4331	0.004
4332	0.005
4333	0.005
4334	0.003
4335	0.003
4336	0.003
4337	0.003
4338	0.003
4339	0.003
4340	0.003
4341	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4342	0.003
4343	0.003
4344	0.004
4345	0.004
4346	0.004
4347	0.004
4348	0.003
4349	0.003
4350	0.004
4351	0.005
4352	0.005
4353	0.006
4354	0.006
4355	0.008
4356	0.008
4357	0.011
4358	0.012
4359	0.009
4360	0.008
4361	0.007
4362	0.007
4363	0.006
4364	0.006
4365	0.01
4366	0.011
4367	0.007
4368	0.007
4369	0.006
4370	0.006
4371	0.008
4372	0.012
4373	0.011
4374	0.007
4375	0.007
4376	0.006
4377	0.006
4378	0.006
4379	0.005
4380	0.007
4381	0.008
4382	0.008
4383	0.007
4384	0.007
4385	0.006
4386	0.008
4387	0.008
4388	0.007
4389	0.007
4390	0.006
4391	0.009
4392	0.009
4393	0.01
4394	0.011
4395	0.009
4396	0.008
4397	0.008
4398	0.007
4399	0.006
4400	0.007
4401	0.007
4402	0.007
4403	0.006
4404	0.005
4405	0.005
4406	0.006
4407	0.006
4408	0.006
4409	0.005
4410	0.004
4411	0.004
4412	0.004
4413	0.004
4414	0.005
4415	0.005
4416	0.004
4417	0.004
4418	0.005
4419	0.008
4420	0.008
4421	0.008
4422	0.008
4423	0.007
4424	0.007
4425	0.01
4426	0.014
4427	0.01
4428	0.01
4429	0.01
4430	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4431	0.005
4432	0.004
4433	0.004
4434	0.003
4435	0.003
4436	0.004
4437	0.004
4438	0.005
4439	0.005
4440	0.007
4441	0.005
4442	0.005
4443	0.004
4444	0.004
4445	0.005
4446	0.004
4447	0.004
4448	0.004
4449	0.004
4450	0.004
4451	0.004
4452	0.004
4453	0.005
4454	0.005
4455	0.005
4456	0.006
4457	0.006
4458	0.006
4459	0.006
4460	0.005
4461	0.004
4462	0.004
4463	0.004
4464	0.005
4465	0.006
4466	0.005
4467	0.006
4468	0.006
4469	0.006
4470	0.007
4471	0.007
4472	0.006
4473	0.005
4474	0.006
4475	0.005
4476	0.005
4477	0.006
4478	0.005
4479	0.005
4480	0.005
4481	0.006
4482	0.006
4483	0.005
4484	0.004
4485	0.005
4486	0.005
4487	0.004
4488	0.005
4489	0.006
4490	0.006
4491	0.005
4492	0.006
4493	0.006
4494	0.005
4495	0.005
4496	0.004
4497	0.004
4498	0.004
4499	0.004
4500	0.005
4501	0.005
4502	0.006
4503	0.006
4504	0.005
4505	0.006
4506	0.005
4507	0.006
4508	0.006
4509	0.005
4510	0.005
4511	0.005
4512	0.005
4513	0.004
4514	0.004
4515	0.004
4516	0.008
4517	0.01
4518	0.004
4519	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4520	0.004
4521	0.004
4522	0.003
4523	0.003
4524	0.005
4525	0.006
4526	0.004
4527	0.003
4528	0.004
4529	0.003
4530	0.003
4531	0.004
4532	0.004
4533	0.004
4534	0.004
4535	0.004
4536	0.004
4537	0.004
4538	0.004
4539	0.008
4540	0.01
4541	0.004
4542	0.004
4543	0.004
4544	0.004
4545	0.005
4546	0.004
4547	0.004
4548	0.004
4549	0.004
4550	0.004
4551	0.005
4552	0.005
4553	0.006
4554	0.004
4555	0.004
4556	0.004
4557	0.004
4558	0.004
4559	0.004
4560	0.004
4561	0.004
4562	0.004
4563	0.004
4564	0.004
4565	0.005
4566	0.005
4567	0.006
4568	0.006
4569	0.006
4570	0.008
4571	0.009
4572	0.008
4573	0.007
4574	0.006
4575	0.005
4576	0.004
4577	0.003
4578	0.004
4579	0.004
4580	0.004
4581	0.004
4582	0.004
4583	0.004
4584	0.005
4585	0.006
4586	0.007
4587	0.007
4588	0.008
4589	0.008
4590	0.007
4591	0.006
4592	0.005
4593	0.006
4594	0.006
4595	0.005
4596	0.005
4597	0.005
4598	0.008
4599	0.008
4600	0.005
4601	0.009
4602	0.009
4603	0.005
4604	0.005
4605	0.004
4606	0.004
4607	0.004
4608	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4609	0.004
4610	0.004
4611	0.004
4612	0.004
4613	0.004
4614	0.004
4615	0.004
4616	0.004
4617	0.004
4618	0.004
4619	0.004
4620	0.004
4621	0.004
4622	0.003
4623	0.003
4624	0.003
4625	0.003
4626	0.004
4627	0.004
4628	0.003
4629	0.004
4630	0.004
4631	0.004
4632	0.004
4633	0.003
4634	0.004
4635	0.004
4636	0.004
4637	0.004
4638	0.005
4639	0.004
4640	0.004
4641	0.005
4642	0.004
4643	0.004
4644	0.004
4645	0.004
4646	0.004
4647	0.005
4648	0.004
4649	0.004
4650	0.004
4651	0.004
4652	0.005
4653	0.005
4654	0.004
4655	0.004
4656	0.004
4657	0.004
4658	0.005
4659	0.004
4660	0.005
4661	0.005
4662	0.005
4663	0.005
4664	0.005
4665	0.005
4666	0.005
4667	0.004
4668	0.004
4669	0.003
4670	0.003
4671	0.004
4672	0.004
4673	0.004
4674	0.004
4675	0.004
4676	0.003
4677	0.003
4678	0.003
4679	0.004
4680	0.004
4681	0.004
4682	0.004
4683	0.004
4684	0.003
4685	0.004
4686	0.004
4687	0.003
4688	0.004
4689	0.004
4690	0.003
4691	0.003
4692	0.004
4693	0.006
4694	0.003
4695	0.003
4696	0.004
4697	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4698	0.004
4699	0.004
4700	0.003
4701	0.003
4702	0.004
4703	0.004
4704	0.003
4705	0.003
4706	0.004
4707	0.004
4708	0.004
4709	0.004
4710	0.005
4711	0.005
4712	0.009
4713	0.018
4714	0.021
4715	0.016
4716	0.011
4717	0.01
4718	0.01
4719	0.009
4720	0.012
4721	0.017
4722	0.023
4723	0.023
4724	0.018
4725	0.016
4726	0.014
4727	0.011
4728	0.01
4729	0.007
4730	0.006
4731	0.005
4732	0.005
4733	0.005
4734	0.006
4735	0.006
4736	0.005
4737	0.004
4738	0.005
4739	0.005
4740	0.005
4741	0.005
4742	0.005
4743	0.004
4744	0.005
4745	0.005
4746	0.005
4747	0.006
4748	0.005
4749	0.004
4750	0.004
4751	0.004
4752	0.005
4753	0.006
4754	0.006
4755	0.006
4756	0.005
4757	0.004
4758	0.004
4759	0.006
4760	0.011
4761	0.014
4762	0.012
4763	0.012
4764	0.012
4765	0.012
4766	0.013
4767	0.013
4768	0.012
4769	0.013
4770	0.01
4771	0.005
4772	0.005
4773	0.005
4774	0.004
4775	0.005
4776	0.005
4777	0.005
4778	0.005
4779	0.005
4780	0.005
4781	0.005
4782	0.004
4783	0.004
4784	0.005
4785	0.005
4786	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4787	0.004
4788	0.004
4789	0.005
4790	0.005
4791	0.004
4792	0.005
4793	0.006
4794	0.005
4795	0.005
4796	0.007
4797	0.007
4798	0.007
4799	0.007
4800	0.007
4801	0.007
4802	0.008
4803	0.007
4804	0.006
4805	0.006
4806	0.006
4807	0.006
4808	0.005
4809	0.005
4810	0.005
4811	0.005
4812	0.005
4813	0.005
4814	0.005
4815	0.005
4816	0.006
4817	0.005
4818	0.005
4819	0.006
4820	0.006
4821	0.008
4822	0.006
4823	0.006
4824	0.006
4825	0.005
4826	0.004
4827	0.004
4828	0.005
4829	0.005
4830	0.004
4831	0.003
4832	0.004
4833	0.005
4834	0.005
4835	0.005
4836	0.004
4837	0.004
4838	0.004
4839	0.004
4840	0.004
4841	0.004
4842	0.004
4843	0.004
4844	0.004
4845	0.004
4846	0.004
4847	0.003
4848	0.003
4849	0.003
4850	0.003
4851	0.004
4852	0.004
4853	0.004
4854	0.004
4855	0.004
4856	0.005
4857	0.006
4858	0.004
4859	0.004
4860	0.005
4861	0.005
4862	0.004
4863	0.004
4864	0.004
4865	0.004
4866	0.005
4867	0.004
4868	0.005
4869	0.006
4870	0.004
4871	0.004
4872	0.004
4873	0.003
4874	0.004
4875	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4876	0.003
4877	0.004
4878	0.004
4879	0.005
4880	0.006
4881	0.006
4882	0.007
4883	0.004
4884	0.003
4885	0.004
4886	0.005
4887	0.004
4888	0.004
4889	0.004
4890	0.003
4891	0.004
4892	0.004
4893	0.003
4894	0.003
4895	0.003
4896	0.004
4897	0.005
4898	0.004
4899	0.004
4900	0.004
4901	0.003
4902	0.004
4903	0.004
4904	0.004
4905	0.004
4906	0.005
4907	0.006
4908	0.007
4909	0.007
4910	0.006
4911	0.006
4912	0.009
4913	0.009
4914	0.005
4915	0.005
4916	0.005
4917	0.004
4918	0.004
4919	0.006
4920	0.007
4921	0.004
4922	0.004
4923	0.004
4924	0.003
4925	0.004
4926	0.005
4927	0.004
4928	0.004
4929	0.005
4930	0.005
4931	0.005
4932	0.004
4933	0.004
4934	0.005
4935	0.005
4936	0.003
4937	0.004
4938	0.003
4939	0.003
4940	0.004
4941	0.004
4942	0.005
4943	0.005
4944	0.005
4945	0.004
4946	0.004
4947	0.005
4948	0.005
4949	0.005
4950	0.004
4951	0.004
4952	0.004
4953	0.004
4954	0.003
4955	0.004
4956	0.004
4957	0.004
4958	0.005
4959	0.005
4960	0.005
4961	0.004
4962	0.004
4963	0.004
4964	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

4965	0.005
4966	0.005
4967	0.004
4968	0.004
4969	0.004
4970	0.004
4971	0.004
4972	0.003
4973	0.004
4974	0.004
4975	0.004
4976	0.005
4977	0.005
4978	0.005
4979	0.004
4980	0.004
4981	0.004
4982	0.004
4983	0.004
4984	0.007
4985	0.007
4986	0.004
4987	0.004
4988	0.005
4989	0.004
4990	0.004
4991	0.004
4992	0.004
4993	0.004
4994	0.003
4995	0.003
4996	0.004
4997	0.003
4998	0.004
4999	0.004
5000	0.004
5001	0.004
5002	0.004
5003	0.004
5004	0.004
5005	0.004
5006	0.004
5007	0.004
5008	0.004
5009	0.004
5010	0.004
5011	0.004
5012	0.004
5013	0.006
5014	0.008
5015	0.01
5016	0.01
5017	0.011
5018	0.011
5019	0.011
5020	0.011
5021	0.009
5022	0.008
5023	0.009
5024	0.008
5025	0.008
5026	0.008
5027	0.008
5028	0.007
5029	0.007
5030	0.007
5031	0.006
5032	0.006
5033	0.007
5034	0.007
5035	0.007
5036	0.007
5037	0.007
5038	0.005
5039	0.004
5040	0.005
5041	0.004
5042	0.004
5043	0.005
5044	0.005
5045	0.005
5046	0.006
5047	0.006
5048	0.005
5049	0.004
5050	0.004
5051	0.005
5052	0.005
5053	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5054	0.005
5055	0.005
5056	0.005
5057	0.005
5058	0.004
5059	0.004
5060	0.004
5061	0.004
5062	0.004
5063	0.004
5064	0.004
5065	0.004
5066	0.004
5067	0.004
5068	0.004
5069	0.005
5070	0.005
5071	0.005
5072	0.006
5073	0.006
5074	0.005
5075	0.005
5076	0.005
5077	0.005
5078	0.005
5079	0.005
5080	0.005
5081	0.004
5082	0.005
5083	0.004
5084	0.004
5085	0.005
5086	0.005
5087	0.005
5088	0.005
5089	0.005
5090	0.004
5091	0.004
5092	0.004
5093	0.004
5094	0.004
5095	0.005
5096	0.005
5097	0.005
5098	0.005
5099	0.005
5100	0.006
5101	0.006
5102	0.006
5103	0.007
5104	0.007
5105	0.007
5106	0.006
5107	0.005
5108	0.005
5109	0.005
5110	0.004
5111	0.004
5112	0.005
5113	0.004
5114	0.004
5115	0.004
5116	0.005
5117	0.006
5118	0.006
5119	0.005
5120	0.005
5121	0.005
5122	0.004
5123	0.004
5124	0.004
5125	0.005
5126	0.005
5127	0.006
5128	0.005
5129	0.005
5130	0.007
5131	0.007
5132	0.004
5133	0.004
5134	0.005
5135	0.005
5136	0.004
5137	0.004
5138	0.004
5139	0.004
5140	0.004
5141	0.004
5142	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5143	0.004
5144	0.005
5145	0.005
5146	0.005
5147	0.004
5148	0.005
5149	0.006
5150	0.006
5151	0.006
5152	0.006
5153	0.006
5154	0.006
5155	0.006
5156	0.007
5157	0.006
5158	0.006
5159	0.007
5160	0.005
5161	0.004
5162	0.004
5163	0.004
5164	0.004
5165	0.004
5166	0.005
5167	0.005
5168	0.005
5169	0.005
5170	0.004
5171	0.004
5172	0.005
5173	0.004
5174	0.004
5175	0.004
5176	0.005
5177	0.005
5178	0.004
5179	0.004
5180	0.004
5181	0.004
5182	0.004
5183	0.005
5184	0.004
5185	0.005
5186	0.005
5187	0.004
5188	0.004
5189	0.003
5190	0.004
5191	0.004
5192	0.004
5193	0.005
5194	0.005
5195	0.005
5196	0.005
5197	0.004
5198	0.004
5199	0.005
5200	0.004
5201	0.004
5202	0.004
5203	0.004
5204	0.004
5205	0.004
5206	0.004
5207	0.004
5208	0.004
5209	0.004
5210	0.004
5211	0.005
5212	0.004
5213	0.004
5214	0.005
5215	0.004
5216	0.008
5217	0.005
5218	0.004
5219	0.004
5220	0.004
5221	0.005
5222	0.004
5223	0.005
5224	0.006
5225	0.005
5226	0.004
5227	0.004
5228	0.004
5229	0.006
5230	0.004
5231	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5232	0.004
5233	0.004
5234	0.009
5235	0.004
5236	0.004
5237	0.004
5238	0.004
5239	0.004
5240	0.004
5241	0.004
5242	0.004
5243	0.004
5244	0.003
5245	0.003
5246	0.004
5247	0.005
5248	0.005
5249	0.004
5250	0.004
5251	0.003
5252	0.003
5253	0.003
5254	0.003
5255	0.004
5256	0.004
5257	0.003
5258	0.004
5259	0.004
5260	0.005
5261	0.005
5262	0.004
5263	0.004
5264	0.004
5265	0.004
5266	0.004
5267	0.004
5268	0.003
5269	0.003
5270	0.003
5271	0.004
5272	0.004
5273	0.005
5274	0.005
5275	0.004
5276	0.004
5277	0.004
5278	0.003
5279	0.003
5280	0.004
5281	0.005
5282	0.004
5283	0.004
5284	0.004
5285	0.004
5286	0.004
5287	0.004
5288	0.005
5289	0.004
5290	0.005
5291	0.004
5292	0.004
5293	0.004
5294	0.004
5295	0.005
5296	0.004
5297	0.004
5298	0.004
5299	0.004
5300	0.004
5301	0.004
5302	0.004
5303	0.004
5304	0.004
5305	0.004
5306	0.004
5307	0.005
5308	0.005
5309	0.005
5310	0.005
5311	0.005
5312	0.005
5313	0.005
5314	0.005
5315	0.005
5316	0.005
5317	0.005
5318	0.005
5319	0.005
5320	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5321	0.005
5322	0.005
5323	0.005
5324	0.005
5325	0.005
5326	0.004
5327	0.005
5328	0.005
5329	0.005
5330	0.005
5331	0.004
5332	0.004
5333	0.004
5334	0.004
5335	0.004
5336	0.004
5337	0.004
5338	0.004
5339	0.005
5340	0.004
5341	0.004
5342	0.004
5343	0.004
5344	0.004
5345	0.004
5346	0.004
5347	0.004
5348	0.005
5349	0.007
5350	0.006
5351	0.004
5352	0.004
5353	0.004
5354	0.006
5355	0.005
5356	0.005
5357	0.004
5358	0.005
5359	0.005
5360	0.004
5361	0.006
5362	0.005
5363	0.004
5364	0.005
5365	0.008
5366	0.007
5367	0.005
5368	0.005
5369	0.005
5370	0.005
5371	0.004
5372	0.004
5373	0.005
5374	0.005
5375	0.004
5376	0.004
5377	0.004
5378	0.005
5379	0.004
5380	0.004
5381	0.004
5382	0.004
5383	0.005
5384	0.008
5385	0.01
5386	0.009
5387	0.011
5388	0.01
5389	0.007
5390	0.01
5391	0.012
5392	0.012
5393	0.009
5394	0.007
5395	0.007
5396	0.005
5397	0.005
5398	0.005
5399	0.005
5400	0.005
5401	0.003
5402	0.003
5403	0.005
5404	0.007
5405	0.007
5406	0.005
5407	0.005
5408	0.006
5409	0.01

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5410	0.009
5411	0.006
5412	0.007
5413	0.006
5414	0.026
5415	0.118
5416	0.421
5417	0.525
5418	0.269
5419	0.12
5420	0.056
5421	0.026
5422	0.014
5423	0.008
5424	0.007
5425	0.012
5426	0.023
5427	0.021
5428	0.015
5429	0.011
5430	0.008
5431	0.004
5432	0.004
5433	0.004
5434	0.003
5435	0.004
5436	0.004
5437	0.003
5438	0.004
5439	0.003
5440	0.003
5441	0.004
5442	0.004
5443	0.004
5444	0.003
5445	0.003
5446	0.003
5447	0.004
5448	0.005
5449	0.004
5450	0.004
5451	0.005
5452	0.004
5453	0.016
5454	0.028
5455	0.028
5456	0.026
5457	0.023
5458	0.018
5459	0.01
5460	0.008
5461	0.005
5462	0.004
5463	0.005
5464	0.004
5465	0.004
5466	0.004
5467	0.003
5468	0.003
5469	0.004
5470	0.004
5471	0.004
5472	0.004
5473	0.004
5474	0.004
5475	0.003
5476	0.004
5477	0.004
5478	0.004
5479	0.003
5480	0.004
5481	0.004
5482	0.004
5483	0.003
5484	0.004
5485	0.004
5486	0.004
5487	0.005
5488	0.006
5489	0.004
5490	0.004
5491	0.004
5492	0.004
5493	0.004
5494	0.004
5495	0.004
5496	0.004
5497	0.004
5498	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5499	0.004
5500	0.004
5501	0.003
5502	0.004
5503	0.003
5504	0.004
5505	0.004
5506	0.005
5507	0.004
5508	0.004
5509	0.004
5510	0.004
5511	0.005
5512	0.005
5513	0.005
5514	0.004
5515	0.004
5516	0.005
5517	0.004
5518	0.004
5519	0.004
5520	0.005
5521	0.004
5522	0.004
5523	0.005
5524	0.006
5525	0.005
5526	0.006
5527	0.008
5528	0.006
5529	0.005
5530	0.005
5531	0.006
5532	0.007
5533	0.011
5534	0.025
5535	0.035
5536	0.034
5537	0.034
5538	0.032
5539	0.024
5540	0.018
5541	0.021
5542	0.026
5543	0.026
5544	0.022
5545	0.021
5546	0.025
5547	0.025
5548	0.022
5549	0.023
5550	0.034
5551	0.036
5552	0.035
5553	0.027
5554	0.018
5555	0.013
5556	0.014
5557	0.017
5558	0.018
5559	0.024
5560	0.027
5561	0.03
5562	0.03
5563	0.029
5564	0.025
5565	0.017
5566	0.018
5567	0.018
5568	0.016
5569	0.018
5570	0.02
5571	0.024
5572	0.02
5573	0.018
5574	0.017
5575	0.012
5576	0.009
5577	0.008
5578	0.008
5579	0.008
5580	0.009
5581	0.009
5582	0.009
5583	0.009
5584	0.006
5585	0.007
5586	0.011
5587	0.008

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5588	0.006
5589	0.006
5590	0.006
5591	0.006
5592	0.007
5593	0.006
5594	0.005
5595	0.006
5596	0.005
5597	0.006
5598	0.006
5599	0.004
5600	0.005
5601	0.006
5602	0.005
5603	0.005
5604	0.005
5605	0.005
5606	0.004
5607	0.004
5608	0.004
5609	0.003
5610	0.004
5611	0.004
5612	0.003
5613	0.004
5614	0.006
5615	0.007
5616	0.009
5617	0.009
5618	0.007
5619	0.005
5620	0.005
5621	0.008
5622	0.009
5623	0.005
5624	0.006
5625	0.006
5626	0.006
5627	0.006
5628	0.008
5629	0.007
5630	0.008
5631	0.006
5632	0.007
5633	0.008
5634	0.006
5635	0.007
5636	0.008
5637	0.007
5638	0.01
5639	0.012
5640	0.009
5641	0.008
5642	0.008
5643	0.008
5644	0.008
5645	0.008
5646	0.008
5647	0.007
5648	0.007
5649	0.006
5650	0.006
5651	0.006
5652	0.007
5653	0.007
5654	0.007
5655	0.005
5656	0.004
5657	0.004
5658	0.003
5659	0.003
5660	0.003
5661	0.004
5662	0.004
5663	0.004
5664	0.004
5665	0.004
5666	0.003
5667	0.003
5668	0.003
5669	0.003
5670	0.003
5671	0.003
5672	0.003
5673	0.004
5674	0.004
5675	0.003
5676	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5677	0.003
5678	0.004
5679	0.01
5680	0.018
5681	0.016
5682	0.01
5683	0.008
5684	0.008
5685	0.007
5686	0.006
5687	0.007
5688	0.008
5689	0.011
5690	0.013
5691	0.013
5692	0.011
5693	0.01
5694	0.013
5695	0.017
5696	0.02
5697	0.02
5698	0.015
5699	0.012
5700	0.014
5701	0.016
5702	0.013
5703	0.014
5704	0.019
5705	0.019
5706	0.012
5707	0.008
5708	0.006
5709	0.007
5710	0.01
5711	0.01
5712	0.008
5713	0.007
5714	0.008
5715	0.006
5716	0.005
5717	0.005
5718	0.006
5719	0.005
5720	0.006
5721	0.005
5722	0.004
5723	0.005
5724	0.006
5725	0.006
5726	0.006
5727	0.006
5728	0.006
5729	0.006
5730	0.007
5731	0.006
5732	0.005
5733	0.005
5734	0.005
5735	0.005
5736	0.005
5737	0.004
5738	0.004
5739	0.003
5740	0.003
5741	0.003
5742	0.003
5743	0.003
5744	0.003
5745	0.003
5746	0.004
5747	0.003
5748	0.006
5749	0.006
5750	0.006
5751	0.004
5752	0.003
5753	0.003
5754	0.003
5755	0.004
5756	0.004
5757	0.004
5758	0.004
5759	0.004
5760	0.005
5761	0.005
5762	0.005
5763	0.004
5764	0.005
5765	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5766	0.005
5767	0.005
5768	0.004
5769	0.004
5770	0.005
5771	0.005
5772	0.004
5773	0.005
5774	0.004
5775	0.004
5776	0.005
5777	0.005
5778	0.004
5779	0.004
5780	0.004
5781	0.004
5782	0.004
5783	0.004
5784	0.004
5785	0.004
5786	0.004
5787	0.004
5788	0.005
5789	0.005
5790	0.005
5791	0.004
5792	0.004
5793	0.004
5794	0.004
5795	0.004
5796	0.004
5797	0.004
5798	0.005
5799	0.005
5800	0.006
5801	0.006
5802	0.006
5803	0.005
5804	0.005
5805	0.004
5806	0.004
5807	0.004
5808	0.004
5809	0.005
5810	0.005
5811	0.005
5812	0.004
5813	0.004
5814	0.005
5815	0.006
5816	0.005
5817	0.005
5818	0.005
5819	0.004
5820	0.005
5821	0.005
5822	0.004
5823	0.004
5824	0.004
5825	0.005
5826	0.005
5827	0.004
5828	0.004
5829	0.005
5830	0.005
5831	0.005
5832	0.004
5833	0.005
5834	0.005
5835	0.007
5836	0.006
5837	0.004
5838	0.005
5839	0.004
5840	0.004
5841	0.004
5842	0.004
5843	0.004
5844	0.004
5845	0.004
5846	0.004
5847	0.006
5848	0.006
5849	0.004
5850	0.004
5851	0.004
5852	0.004
5853	0.004
5854	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5855	0.004
5856	0.004
5857	0.004
5858	0.004
5859	0.004
5860	0.004
5861	0.005
5862	0.006
5863	0.007
5864	0.004
5865	0.004
5866	0.003
5867	0.003
5868	0.003
5869	0.004
5870	0.004
5871	0.004
5872	0.005
5873	0.007
5874	0.005
5875	0.004
5876	0.003
5877	0.003
5878	0.003
5879	0.003
5880	0.004
5881	0.006
5882	0.004
5883	0.003
5884	0.004
5885	0.004
5886	0.004
5887	0.004
5888	0.005
5889	0.004
5890	0.003
5891	0.006
5892	0.006
5893	0.004
5894	0.004
5895	0.004
5896	0.004
5897	0.006
5898	0.005
5899	0.005
5900	0.005
5901	0.004
5902	0.004
5903	0.004
5904	0.01
5905	0.011
5906	0.003
5907	0.003
5908	0.003
5909	0.004
5910	0.004
5911	0.005
5912	0.005
5913	0.004
5914	0.004
5915	0.005
5916	0.004
5917	0.004
5918	0.004
5919	0.003
5920	0.004
5921	0.005
5922	0.004
5923	0.004
5924	0.003
5925	0.003
5926	0.004
5927	0.004
5928	0.004
5929	0.005
5930	0.004
5931	0.005
5932	0.004
5933	0.006
5934	0.003
5935	0.003
5936	0.004
5937	0.004
5938	0.004
5939	0.005
5940	0.005
5941	0.004
5942	0.005
5943	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

5944	0.004
5945	0.004
5946	0.004
5947	0.004
5948	0.004
5949	0.006
5950	0.006
5951	0.004
5952	0.004
5953	0.006
5954	0.007
5955	0.004
5956	0.004
5957	0.004
5958	0.004
5959	0.004
5960	0.004
5961	0.004
5962	0.004
5963	0.004
5964	0.005
5965	0.005
5966	0.004
5967	0.004
5968	0.004
5969	0.004
5970	0.003
5971	0.004
5972	0.004
5973	0.004
5974	0.004
5975	0.004
5976	0.004
5977	0.004
5978	0.004
5979	0.004
5980	0.004
5981	0.005
5982	0.005
5983	0.005
5984	0.004
5985	0.004
5986	0.004
5987	0.004
5988	0.005
5989	0.004
5990	0.004
5991	0.005
5992	0.003
5993	0.003
5994	0.004
5995	0.005
5996	0.005
5997	0.005
5998	0.003
5999	0.004
6000	0.004
6001	0.004
6002	0.004
6003	0.003
6004	0.003
6005	0.004
6006	0.003
6007	0.004
6008	0.004
6009	0.005
6010	0.004
6011	0.004
6012	0.005
6013	0.004
6014	0.004
6015	0.006
6016	0.004
6017	0.004
6018	0.003
6019	0.003
6020	0.004
6021	0.004
6022	0.004
6023	0.004
6024	0.004
6025	0.005
6026	0.004
6027	0.005
6028	0.003
6029	0.004
6030	0.004
6031	0.004
6032	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6033	0.006
6034	0.006
6035	0.004
6036	0.004
6037	0.003
6038	0.003
6039	0.004
6040	0.004
6041	0.004
6042	0.004
6043	0.003
6044	0.004
6045	0.004
6046	0.003
6047	0.003
6048	0.004
6049	0.004
6050	0.003
6051	0.003
6052	0.003
6053	0.003
6054	0.004
6055	0.004
6056	0.003
6057	0.004
6058	0.005
6059	0.006
6060	0.006
6061	0.007
6062	0.005
6063	0.005
6064	0.004
6065	0.007
6066	0.007
6067	0.006
6068	0.006
6069	0.005
6070	0.006
6071	0.006
6072	0.005
6073	0.004
6074	0.004
6075	0.004
6076	0.005
6077	0.005
6078	0.005
6079	0.004
6080	0.004
6081	0.005
6082	0.006
6083	0.005
6084	0.004
6085	0.004
6086	0.004
6087	0.004
6088	0.004
6089	0.004
6090	0.004
6091	0.004
6092	0.004
6093	0.004
6094	0.005
6095	0.005
6096	0.004
6097	0.005
6098	0.005
6099	0.005
6100	0.005
6101	0.005
6102	0.005
6103	0.005
6104	0.005
6105	0.006
6106	0.005
6107	0.004
6108	0.004
6109	0.005
6110	0.005
6111	0.004
6112	0.004
6113	0.004
6114	0.003
6115	0.004
6116	0.005
6117	0.004
6118	0.004
6119	0.004
6120	0.004
6121	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6122	0.006
6123	0.006
6124	0.006
6125	0.008
6126	0.004
6127	0.004
6128	0.004
6129	0.004
6130	0.004
6131	0.004
6132	0.004
6133	0.004
6134	0.004
6135	0.004
6136	0.003
6137	0.003
6138	0.004
6139	0.004
6140	0.004
6141	0.004
6142	0.003
6143	0.003
6144	0.003
6145	0.004
6146	0.004
6147	0.004
6148	0.004
6149	0.004
6150	0.006
6151	0.007
6152	0.004
6153	0.003
6154	0.003
6155	0.004
6156	0.004
6157	0.004
6158	0.004
6159	0.003
6160	0.004
6161	0.004
6162	0.004
6163	0.005
6164	0.005
6165	0.004
6166	0.004
6167	0.004
6168	0.006
6169	0.007
6170	0.004
6171	0.005
6172	0.004
6173	0.003
6174	0.004
6175	0.007
6176	0.005
6177	0.003
6178	0.004
6179	0.004
6180	0.005
6181	0.004
6182	0.003
6183	0.004
6184	0.003
6185	0.004
6186	0.004
6187	0.004
6188	0.004
6189	0.006
6190	0.005
6191	0.005
6192	0.004
6193	0.006
6194	0.005
6195	0.005
6196	0.004
6197	0.005
6198	0.004
6199	0.004
6200	0.004
6201	0.004
6202	0.004
6203	0.004
6204	0.004
6205	0.003
6206	0.004
6207	0.004
6208	0.003
6209	0.004
6210	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6211	0.003
6212	0.004
6213	0.003
6214	0.003
6215	0.004
6216	0.003
6217	0.003
6218	0.005
6219	0.005
6220	0.004
6221	0.005
6222	0.004
6223	0.005
6224	0.003
6225	0.004
6226	0.003
6227	0.004
6228	0.004
6229	0.004
6230	0.004
6231	0.005
6232	0.005
6233	0.005
6234	0.004
6235	0.005
6236	0.006
6237	0.005
6238	0.005
6239	0.004
6240	0.004
6241	0.004
6242	0.004
6243	0.005
6244	0.005
6245	0.006
6246	0.005
6247	0.004
6248	0.006
6249	0.006
6250	0.004
6251	0.005
6252	0.004
6253	0.004
6254	0.004
6255	0.005
6256	0.007
6257	0.004
6258	0.004
6259	0.004
6260	0.004
6261	0.003
6262	0.003
6263	0.004
6264	0.004
6265	0.004
6266	0.004
6267	0.004
6268	0.006
6269	0.005
6270	0.004
6271	0.005
6272	0.006
6273	0.006
6274	0.005
6275	0.004
6276	0.004
6277	0.004
6278	0.004
6279	0.003
6280	0.005
6281	0.006
6282	0.003
6283	0.003
6284	0.003
6285	0.004
6286	0.004
6287	0.004
6288	0.004
6289	0.004
6290	0.005
6291	0.005
6292	0.004
6293	0.007
6294	0.014
6295	0.02
6296	0.02
6297	0.017
6298	0.012
6299	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6300	0.006
6301	0.005
6302	0.005
6303	0.007
6304	0.007
6305	0.006
6306	0.006
6307	0.005
6308	0.006
6309	0.004
6310	0.005
6311	0.004
6312	0.007
6313	0.012
6314	0.012
6315	0.011
6316	0.012
6317	0.014
6318	0.015
6319	0.015
6320	0.008
6321	0.006
6322	0.005
6323	0.006
6324	0.007
6325	0.007
6326	0.007
6327	0.009
6328	0.009
6329	0.008
6330	0.01
6331	0.014
6332	0.017
6333	0.017
6334	0.017
6335	0.014
6336	0.011
6337	0.009
6338	0.008
6339	0.007
6340	0.008
6341	0.007
6342	0.009
6343	0.008
6344	0.007
6345	0.006
6346	0.007
6347	0.008
6348	0.008
6349	0.009
6350	0.009
6351	0.009
6352	0.008
6353	0.007
6354	0.006
6355	0.006
6356	0.006
6357	0.006
6358	0.006
6359	0.006
6360	0.005
6361	0.005
6362	0.005
6363	0.005
6364	0.005
6365	0.005
6366	0.005
6367	0.004
6368	0.007
6369	0.006
6370	0.004
6371	0.004
6372	0.004
6373	0.003
6374	0.003
6375	0.004
6376	0.003
6377	0.004
6378	0.004
6379	0.004
6380	0.004
6381	0.004
6382	0.003
6383	0.003
6384	0.003
6385	0.003
6386	0.004
6387	0.004
6388	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6389	0.003
6390	0.004
6391	0.004
6392	0.003
6393	0.004
6394	0.004
6395	0.004
6396	0.004
6397	0.004
6398	0.005
6399	0.006
6400	0.006
6401	0.004
6402	0.005
6403	0.004
6404	0.003
6405	0.003
6406	0.003
6407	0.003
6408	0.003
6409	0.003
6410	0.004
6411	0.004
6412	0.004
6413	0.003
6414	0.003
6415	0.003
6416	0.003
6417	0.004
6418	0.004
6419	0.003
6420	0.003
6421	0.003
6422	0.004
6423	0.004
6424	0.004
6425	0.003
6426	0.003
6427	0.003
6428	0.003
6429	0.004
6430	0.006
6431	0.004
6432	0.003
6433	0.004
6434	0.003
6435	0.003
6436	0.003
6437	0.003
6438	0.003
6439	0.004
6440	0.003
6441	0.003
6442	0.003
6443	0.003
6444	0.004
6445	0.003
6446	0.003
6447	0.003
6448	0.004
6449	0.004
6450	0.004
6451	0.004
6452	0.003
6453	0.003
6454	0.004
6455	0.004
6456	0.008
6457	0.004
6458	0.005
6459	0.005
6460	0.005
6461	0.004
6462	0.004
6463	0.004
6464	0.004
6465	0.005
6466	0.004
6467	0.003
6468	0.003
6469	0.003
6470	0.003
6471	0.004
6472	0.004
6473	0.005
6474	0.003
6475	0.004
6476	0.003
6477	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6478	0.004
6479	0.004
6480	0.003
6481	0.003
6482	0.003
6483	0.003
6484	0.003
6485	0.003
6486	0.004
6487	0.003
6488	0.003
6489	0.003
6490	0.003
6491	0.003
6492	0.003
6493	0.004
6494	0.004
6495	0.004
6496	0.004
6497	0.003
6498	0.004
6499	0.003
6500	0.003
6501	0.003
6502	0.004
6503	0.004
6504	0.003
6505	0.003
6506	0.003
6507	0.004
6508	0.003
6509	0.005
6510	0.006
6511	0.004
6512	0.003
6513	0.004
6514	0.004
6515	0.003
6516	0.004
6517	0.003
6518	0.003
6519	0.006
6520	0.007
6521	0.004
6522	0.003
6523	0.004
6524	0.004
6525	0.003
6526	0.003
6527	0.003
6528	0.004
6529	0.004
6530	0.003
6531	0.003
6532	0.003
6533	0.003
6534	0.003
6535	0.003
6536	0.003
6537	0.004
6538	0.004
6539	0.004
6540	0.003
6541	0.004
6542	0.004
6543	0.003
6544	0.004
6545	0.004
6546	0.003
6547	0.003
6548	0.003
6549	0.004
6550	0.003
6551	0.003
6552	0.003
6553	0.004
6554	0.004
6555	0.003
6556	0.003
6557	0.003
6558	0.004
6559	0.004
6560	0.003
6561	0.004
6562	0.003
6563	0.003
6564	0.004
6565	0.005
6566	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6567	0.003
6568	0.003
6569	0.003
6570	0.004
6571	0.004
6572	0.003
6573	0.003
6574	0.003
6575	0.003
6576	0.003
6577	0.003
6578	0.004
6579	0.004
6580	0.004
6581	0.004
6582	0.003
6583	0.003
6584	0.003
6585	0.004
6586	0.004
6587	0.004
6588	0.003
6589	0.003
6590	0.003
6591	0.003
6592	0.003
6593	0.003
6594	0.003
6595	0.003
6596	0.003
6597	0.004
6598	0.004
6599	0.003
6600	0.004
6601	0.004
6602	0.004
6603	0.004
6604	0.003
6605	0.003
6606	0.003
6607	0.003
6608	0.003
6609	0.004
6610	0.004
6611	0.004
6612	0.004
6613	0.004
6614	0.003
6615	0.003
6616	0.004
6617	0.003
6618	0.003
6619	0.003
6620	0.003
6621	0.003
6622	0.003
6623	0.004
6624	0.004
6625	0.003
6626	0.004
6627	0.004
6628	0.003
6629	0.004
6630	0.004
6631	0.004
6632	0.003
6633	0.003
6634	0.003
6635	0.003
6636	0.003
6637	0.004
6638	0.004
6639	0.003
6640	0.003
6641	0.004
6642	0.004
6643	0.004
6644	0.003
6645	0.004
6646	0.004
6647	0.003
6648	0.003
6649	0.004
6650	0.004
6651	0.004
6652	0.003
6653	0.003
6654	0.004
6655	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6656	0.003
6657	0.004
6658	0.004
6659	0.004
6660	0.003
6661	0.004
6662	0.004
6663	0.004
6664	0.003
6665	0.003
6666	0.003
6667	0.004
6668	0.004
6669	0.004
6670	0.004
6671	0.003
6672	0.003
6673	0.003
6674	0.003
6675	0.004
6676	0.004
6677	0.005
6678	0.004
6679	0.004
6680	0.004
6681	0.003
6682	0.003
6683	0.003
6684	0.005
6685	0.005
6686	0.004
6687	0.004
6688	0.003
6689	0.003
6690	0.003
6691	0.004
6692	0.003
6693	0.004
6694	0.003
6695	0.003
6696	0.004
6697	0.004
6698	0.003
6699	0.003
6700	0.003
6701	0.004
6702	0.004
6703	0.004
6704	0.004
6705	0.004
6706	0.003
6707	0.003
6708	0.003
6709	0.004
6710	0.004
6711	0.003
6712	0.004
6713	0.005
6714	0.005
6715	0.004
6716	0.003
6717	0.003
6718	0.005
6719	0.006
6720	0.004
6721	0.004
6722	0.005
6723	0.005
6724	0.004
6725	0.005
6726	0.004
6727	0.005
6728	0.004
6729	0.004
6730	0.004
6731	0.004
6732	0.003
6733	0.004
6734	0.004
6735	0.005
6736	0.003
6737	0.003
6738	0.004
6739	0.005
6740	0.004
6741	0.004
6742	0.004
6743	0.004
6744	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6745	0.005
6746	0.004
6747	0.005
6748	0.004
6749	0.004
6750	0.005
6751	0.005
6752	0.005
6753	0.005
6754	0.004
6755	0.004
6756	0.005
6757	0.005
6758	0.005
6759	0.004
6760	0.004
6761	0.004
6762	0.006
6763	0.007
6764	0.004
6765	0.004
6766	0.004
6767	0.003
6768	0.004
6769	0.004
6770	0.004
6771	0.004
6772	0.003
6773	0.004
6774	0.005
6775	0.004
6776	0.004
6777	0.004
6778	0.004
6779	0.005
6780	0.004
6781	0.004
6782	0.004
6783	0.005
6784	0.006
6785	0.006
6786	0.006
6787	0.005
6788	0.005
6789	0.003
6790	0.005
6791	0.006
6792	0.003
6793	0.006
6794	0.007
6795	0.004
6796	0.005
6797	0.004
6798	0.004
6799	0.004
6800	0.003
6801	0.003
6802	0.004
6803	0.004
6804	0.003
6805	0.004
6806	0.004
6807	0.004
6808	0.004
6809	0.004
6810	0.004
6811	0.004
6812	0.004
6813	0.004
6814	0.004
6815	0.004
6816	0.003
6817	0.004
6818	0.004
6819	0.003
6820	0.004
6821	0.004
6822	0.004
6823	0.004
6824	0.003
6825	0.003
6826	0.003
6827	0.004
6828	0.004
6829	0.004
6830	0.004
6831	0.003
6832	0.004
6833	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6834	0.003
6835	0.003
6836	0.004
6837	0.004
6838	0.004
6839	0.005
6840	0.005
6841	0.005
6842	0.004
6843	0.004
6844	0.004
6845	0.005
6846	0.007
6847	0.004
6848	0.006
6849	0.006
6850	0.005
6851	0.005
6852	0.006
6853	0.005
6854	0.004
6855	0.004
6856	0.003
6857	0.004
6858	0.004
6859	0.003
6860	0.003
6861	0.003
6862	0.004
6863	0.004
6864	0.004
6865	0.003
6866	0.003
6867	0.005
6868	0.007
6869	0.007
6870	0.007
6871	0.007
6872	0.006
6873	0.007
6874	0.007
6875	0.006
6876	0.006
6877	0.007
6878	0.006
6879	0.007
6880	0.006
6881	0.006
6882	0.006
6883	0.006
6884	0.005
6885	0.005
6886	0.004
6887	0.004
6888	0.004
6889	0.004
6890	0.005
6891	0.006
6892	0.005
6893	0.006
6894	0.005
6895	0.005
6896	0.005
6897	0.006
6898	0.005
6899	0.004
6900	0.004
6901	0.004
6902	0.004
6903	0.003
6904	0.004
6905	0.004
6906	0.005
6907	0.005
6908	0.005
6909	0.003
6910	0.003
6911	0.003
6912	0.005
6913	0.005
6914	0.004
6915	0.004
6916	0.004
6917	0.004
6918	0.004
6919	0.004
6920	0.004
6921	0.004
6922	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

6923	0.004
6924	0.004
6925	0.004
6926	0.004
6927	0.005
6928	0.005
6929	0.005
6930	0.005
6931	0.005
6932	0.005
6933	0.005
6934	0.005
6935	0.006
6936	0.005
6937	0.004
6938	0.004
6939	0.003
6940	0.003
6941	0.003
6942	0.004
6943	0.004
6944	0.004
6945	0.003
6946	0.004
6947	0.004
6948	0.003
6949	0.004
6950	0.004
6951	0.004
6952	0.004
6953	0.004
6954	0.004
6955	0.004
6956	0.005
6957	0.005
6958	0.005
6959	0.004
6960	0.003
6961	0.004
6962	0.004
6963	0.004
6964	0.004
6965	0.004
6966	0.005
6967	0.004
6968	0.006
6969	0.006
6970	0.005
6971	0.005
6972	0.007
6973	0.006
6974	0.005
6975	0.004
6976	0.004
6977	0.005
6978	0.005
6979	0.004
6980	0.005
6981	0.005
6982	0.005
6983	0.006
6984	0.006
6985	0.005
6986	0.006
6987	0.005
6988	0.004
6989	0.004
6990	0.006
6991	0.006
6992	0.005
6993	0.004
6994	0.003
6995	0.005
6996	0.004
6997	0.003
6998	0.003
6999	0.004
7000	0.004
7001	0.003
7002	0.003
7003	0.003
7004	0.005
7005	0.006
7006	0.003
7007	0.004
7008	0.004
7009	0.004
7010	0.004
7011	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7012	0.005
7013	0.005
7014	0.004
7015	0.003
7016	0.004
7017	0.004
7018	0.004
7019	0.005
7020	0.004
7021	0.004
7022	0.006
7023	0.007
7024	0.006
7025	0.005
7026	0.006
7027	0.007
7028	0.004
7029	0.005
7030	0.005
7031	0.004
7032	0.005
7033	0.005
7034	0.007
7035	0.007
7036	0.005
7037	0.004
7038	0.004
7039	0.004
7040	0.003
7041	0.003
7042	0.003
7043	0.003
7044	0.004
7045	0.005
7046	0.004
7047	0.003
7048	0.003
7049	0.004
7050	0.004
7051	0.004
7052	0.007
7053	0.01
7054	0.012
7055	0.012
7056	0.01
7057	0.011
7058	0.01
7059	0.01
7060	0.008
7061	0.007
7062	0.006
7063	0.006
7064	0.005
7065	0.005
7066	0.005
7067	0.005
7068	0.005
7069	0.004
7070	0.003
7071	0.004
7072	0.004
7073	0.003
7074	0.003
7075	0.003
7076	0.004
7077	0.004
7078	0.003
7079	0.003
7080	0.004
7081	0.003
7082	0.003
7083	0.003
7084	0.002
7085	0.003
7086	0.003
7087	0.003
7088	0.004
7089	0.003
7090	0.004
7091	0.004
7092	0.004
7093	0.005
7094	0.004
7095	0.004
7096	0.004
7097	0.003
7098	0.004
7099	0.004
7100	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7101	0.003
7102	0.003
7103	0.003
7104	0.003
7105	0.004
7106	0.005
7107	0.004
7108	0.003
7109	0.003
7110	0.004
7111	0.004
7112	0.004
7113	0.003
7114	0.003
7115	0.003
7116	0.003
7117	0.003
7118	0.004
7119	0.004
7120	0.003
7121	0.003
7122	0.004
7123	0.004
7124	0.004
7125	0.003
7126	0.003
7127	0.003
7128	0.003
7129	0.004
7130	0.004
7131	0.003
7132	0.004
7133	0.004
7134	0.003
7135	0.003
7136	0.003
7137	0.003
7138	0.003
7139	0.003
7140	0.003
7141	0.004
7142	0.004
7143	0.004
7144	0.003
7145	0.004
7146	0.006
7147	0.007
7148	0.005
7149	0.005
7150	0.005
7151	0.004
7152	0.004
7153	0.004
7154	0.004
7155	0.004
7156	0.004
7157	0.003
7158	0.004
7159	0.004
7160	0.004
7161	0.004
7162	0.003
7163	0.003
7164	0.004
7165	0.003
7166	0.003
7167	0.004
7168	0.004
7169	0.004
7170	0.003
7171	0.004
7172	0.004
7173	0.005
7174	0.005
7175	0.004
7176	0.003
7177	0.003
7178	0.003
7179	0.004
7180	0.004
7181	0.004
7182	0.003
7183	0.003
7184	0.003
7185	0.003
7186	0.004
7187	0.004
7188	0.005
7189	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7190	0
7191	0.004
7192	0.003
7193	0.003
7194	0.004
7195	0.004
7196	0.003
7197	0.003
7198	0.003
7199	0.003
7200	0.003
7201	0.003
7202	0.003
7203	0.003
7204	0.003
7205	0.003
7206	0.003
7207	0.003
7208	0.004
7209	0.004
7210	0.004
7211	0.003
7212	0.003
7213	0.005
7214	0.005
7215	0.003
7216	0.003
7217	0.003
7218	0.003
7219	0.003
7220	0.003
7221	0.003
7222	0.003
7223	0.003
7224	0.003
7225	0.002
7226	0.003
7227	0.003
7228	0.002
7229	0.003
7230	0.003
7231	0.003
7232	0.004
7233	0.003
7234	0.003
7235	0.003
7236	0.003
7237	0.003
7238	0.003
7239	0.002
7240	0.003
7241	0.003
7242	0.003
7243	0.003
7244	0.003
7245	0.003
7246	0.003
7247	0.004
7248	0.004
7249	0.003
7250	0.003
7251	0.003
7252	0.003
7253	0.003
7254	0.003
7255	0.003
7256	0.003
7257	0.003
7258	0.003
7259	0.004
7260	0.005
7261	0.003
7262	0.003
7263	0.003
7264	0.003
7265	0.003
7266	0.003
7267	0.003
7268	0.003
7269	0.003
7270	0.004
7271	0.003
7272	0.003
7273	0.003
7274	0.004
7275	0.004
7276	0.003
7277	0.003
7278	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7279	0.004
7280	0.003
7281	0.003
7282	0.006
7283	0.006
7284	0.004
7285	0.003
7286	0.003
7287	0.004
7288	0.003
7289	0.003
7290	0.003
7291	0.004
7292	0.003
7293	0.002
7294	0.004
7295	0.004
7296	0.004
7297	0.004
7298	0.003
7299	0.002
7300	0.002
7301	0.003
7302	0.003
7303	0.002
7304	0.002
7305	0.003
7306	0.003
7307	0.003
7308	0.003
7309	0.003
7310	0.003
7311	0.003
7312	0.003
7313	0.002
7314	0.002
7315	0.003
7316	0.003
7317	0.003
7318	0.003
7319	0.004
7320	0.004
7321	0.004
7322	0.005
7323	0.006
7324	0.005
7325	0.005
7326	0.004
7327	0.005
7328	0.006
7329	0.006
7330	0.005
7331	0.004
7332	0.004
7333	0.003
7334	0.003
7335	0.003
7336	0.003
7337	0.004
7338	0.004
7339	0.004
7340	0.004
7341	0.004
7342	0.005
7343	0.005
7344	0.006
7345	0.005
7346	0.006
7347	0.006
7348	0.006
7349	0.006
7350	0.008
7351	0.007
7352	0.007
7353	0.008
7354	0.007
7355	0.007
7356	0.006
7357	0.005
7358	0.006
7359	0.006
7360	0.006
7361	0.007
7362	0.006
7363	0.004
7364	0.004
7365	0.005
7366	0.004
7367	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7368	0.004
7369	0.005
7370	0.006
7371	0.005
7372	0.005
7373	0.005
7374	0.005
7375	0.005
7376	0.005
7377	0.006
7378	0.006
7379	0.005
7380	0.005
7381	0.005
7382	0.005
7383	0.005
7384	0.005
7385	0.005
7386	0.005
7387	0.005
7388	0.005
7389	0.005
7390	0.005
7391	0.004
7392	0.004
7393	0.004
7394	0.003
7395	0.003
7396	0.003
7397	0.003
7398	0.003
7399	0.003
7400	0.003
7401	0.003
7402	0.002
7403	0.003
7404	0.003
7405	0.003
7406	0.003
7407	0.003
7408	0.003
7409	0.003
7410	0.003
7411	0.003
7412	0.003
7413	0.003
7414	0.003
7415	0.004
7416	0.003
7417	0.003
7418	0.003
7419	0.004
7420	0.004
7421	0.004
7422	0.003
7423	0.004
7424	0.004
7425	0.003
7426	0.004
7427	0.004
7428	0.003
7429	0.003
7430	0.003
7431	0.003
7432	0.002
7433	0.003
7434	0.003
7435	0.002
7436	0.002
7437	0.003
7438	0.004
7439	0.004
7440	0.003
7441	0.002
7442	0.003
7443	0.005
7444	0.005
7445	0.003
7446	0.003
7447	0.003
7448	0.004
7449	0.004
7450	0.004
7451	0.002
7452	0.003
7453	0.003
7454	0.003
7455	0.003
7456	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7457	0.003
7458	0.003
7459	0.003
7460	0.004
7461	0.003
7462	0.003
7463	0.004
7464	0.004
7465	0.004
7466	0.003
7467	0.003
7468	0.003
7469	0.003
7470	0.003
7471	0.004
7472	0.004
7473	0.004
7474	0.003
7475	0.003
7476	0.003
7477	0.002
7478	0.003
7479	0.003
7480	0.003
7481	0.003
7482	0.003
7483	0.003
7484	0.003
7485	0.003
7486	0.003
7487	0.004
7488	0.005
7489	0.003
7490	0.003
7491	0.003
7492	0.004
7493	0.003
7494	0.003
7495	0.003
7496	0.003
7497	0.003
7498	0.003
7499	0.003
7500	0.003
7501	0.003
7502	0.003
7503	0.004
7504	0.005
7505	0.006
7506	0.005
7507	0.003
7508	0.004
7509	0.004
7510	0.004
7511	0.004
7512	0.004
7513	0.003
7514	0.003
7515	0.003
7516	0.003
7517	0.003
7518	0.003
7519	0.002
7520	0.003
7521	0.004
7522	0.003
7523	0.003
7524	0.003
7525	0.002
7526	0.003
7527	0.003
7528	0.003
7529	0.004
7530	0.003
7531	0.003
7532	0.003
7533	0.002
7534	0.003
7535	0.003
7536	0.003
7537	0.003
7538	0.003
7539	0.003
7540	0.002
7541	0.002
7542	0.003
7543	0.003
7544	0.002
7545	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7546	0.002
7547	0.002
7548	0.003
7549	0.004
7550	0.005
7551	0.004
7552	0.004
7553	0.004
7554	0.002
7555	0.002
7556	0.002
7557	0.002
7558	0.002
7559	0.002
7560	0.002
7561	0.002
7562	0.002
7563	0.002
7564	0.002
7565	0.002
7566	0.003
7567	0.004
7568	0.005
7569	0.004
7570	0.003
7571	0.004
7572	0.004
7573	0.004
7574	0.003
7575	0.004
7576	0.005
7577	0.003
7578	0.002
7579	0.003
7580	0.003
7581	0.003
7582	0.002
7583	0.002
7584	0.002
7585	0.003
7586	0.002
7587	0.003
7588	0.003
7589	0.003
7590	0.002
7591	0.004
7592	0.005
7593	0.003
7594	0.003
7595	0.003
7596	0.003
7597	0.002
7598	0.003
7599	0.003
7600	0.002
7601	0.003
7602	0.003
7603	0.004
7604	0.003
7605	0.002
7606	0.002
7607	0.002
7608	0.002
7609	0.002
7610	0.003
7611	0.003
7612	0.003
7613	0.002
7614	0.003
7615	0.002
7616	0.002
7617	0.002
7618	0.002
7619	0.003
7620	0.003
7621	0.004
7622	0.004
7623	0.004
7624	0.003
7625	0.003
7626	0.003
7627	0.003
7628	0.003
7629	0.002
7630	0.003
7631	0.003
7632	0.003
7633	0.002
7634	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7635	0.002
7636	0.003
7637	0.004
7638	0.002
7639	0.002
7640	0.002
7641	0.002
7642	0.002
7643	0.002
7644	0.002
7645	0.002
7646	0.002
7647	0.003
7648	0.002
7649	0.002
7650	0.002
7651	0.002
7652	0.002
7653	0.002
7654	0.003
7655	0.001
7656	0.001
7657	0.003
7658	0.007
7659	0.007
7660	0.002
7661	0.003
7662	0.002
7663	0.002
7664	0.002
7665	0.002
7666	0.002
7667	0.002
7668	0.002
7669	0.002
7670	0.002
7671	0.002
7672	0.003
7673	0.003
7674	0.003
7675	0.002
7676	0.002
7677	0.002
7678	0.003
7679	0.002
7680	0.002
7681	0.002
7682	0.002
7683	0.002
7684	0.002
7685	0.002
7686	0.002
7687	0.002
7688	0.002
7689	0.002
7690	0.002
7691	0.002
7692	0.002
7693	0.002
7694	0.002
7695	0.001
7696	0.002
7697	0.002
7698	0.001
7699	0.002
7700	0.002
7701	0.002
7702	0.001
7703	0.002
7704	0.002
7705	0.002
7706	0.002
7707	0.002
7708	0.002
7709	0.002
7710	0.002
7711	0.002
7712	0.001
7713	0.002
7714	0.002
7715	0.002
7716	0.002
7717	0.003
7718	0.002
7719	0.002
7720	0.003
7721	0.004
7722	0.006
7723	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7724	0.006
7725	0.005
7726	0.005
7727	0.003
7728	0.003
7729	0.003
7730	0.003
7731	0.006
7732	0.01
7733	0.014
7734	0.017
7735	0.015
7736	0.011
7737	0.008
7738	0.005
7739	0.004
7740	0.004
7741	0.004
7742	0.004
7743	0.003
7744	0.003
7745	0.006
7746	0.005
7747	0.003
7748	0.003
7749	0.003
7750	0.003
7751	0.003
7752	0.003
7753	0.002
7754	0.003
7755	0.003
7756	0.002
7757	0.002
7758	0.002
7759	0.002
7760	0.003
7761	0.002
7762	0.002
7763	0.002
7764	0.002
7765	0.003
7766	0.004
7767	0.002
7768	0.004
7769	0.004
7770	0.002
7771	0.002
7772	0.002
7773	0.003
7774	0.003
7775	0.004
7776	0.004
7777	0.007
7778	0.015
7779	0.022
7780	0.023
7781	0.019
7782	0.021
7783	0.017
7784	0.014
7785	0.017
7786	0.018
7787	0.019
7788	0.019
7789	0.016
7790	0.01
7791	0.008
7792	0.01
7793	0.012
7794	0.012
7795	0.009
7796	0.007
7797	0.006
7798	0.003
7799	0.004
7800	0.006
7801	0.008
7802	0.009
7803	0.007
7804	0.006
7805	0.006
7806	0.006
7807	0.007
7808	0.007
7809	0.005
7810	0.006
7811	0.007
7812	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7813	0.016
7814	0.021
7815	0.02
7816	0.018
7817	0.017
7818	0.015
7819	0.014
7820	0.014
7821	0.014
7822	0.016
7823	0.019
7824	0.016
7825	0.015
7826	0.02
7827	0.025
7828	0.026
7829	0.024
7830	0.018
7831	0.016
7832	0.018
7833	0.016
7834	0.017
7835	0.02
7836	0.02
7837	0.017
7838	0.017
7839	0.019
7840	0.018
7841	0.018
7842	0.019
7843	0.018
7844	0.013
7845	0.007
7846	0.004
7847	0.003
7848	0.003
7849	0.003
7850	0.004
7851	0.005
7852	0.003
7853	0.003
7854	0.002
7855	0.003
7856	0.004
7857	0.006
7858	0.008
7859	0.003
7860	0.002
7861	0.002
7862	0.002
7863	0.003
7864	0.003
7865	0.008
7866	0.008
7867	0.003
7868	0.004
7869	0.003
7870	0.002
7871	0.002
7872	0.002
7873	0.002
7874	0.003
7875	0.003
7876	0.003
7877	0.003
7878	0.002
7879	0.003
7880	0.004
7881	0.004
7882	0.004
7883	0.003
7884	0.003
7885	0.003
7886	0.003
7887	0.004
7888	0.005
7889	0.005
7890	0.003
7891	0.003
7892	0.002
7893	0.003
7894	0.007
7895	0.01
7896	0.009
7897	0.008
7898	0.009
7899	0.006
7900	0.006
7901	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7902	0.006
7903	0.005
7904	0.005
7905	0.005
7906	0.002
7907	0.003
7908	0.004
7909	0.003
7910	0.011
7911	0.014
7912	0.007
7913	0.006
7914	0.006
7915	0.006
7916	0.003
7917	0.003
7918	0.005
7919	0.006
7920	0.005
7921	0.005
7922	0.004
7923	0.002
7924	0.002
7925	0.003
7926	0.004
7927	0.006
7928	0.006
7929	0.004
7930	0.003
7931	0.004
7932	0.003
7933	0.003
7934	0.003
7935	0.002
7936	0.002
7937	0.003
7938	0.002
7939	0.003
7940	0.003
7941	0.002
7942	0.002
7943	0.002
7944	0.002
7945	0.002
7946	0.002
7947	0.002
7948	0.006
7949	0.008
7950	0.002
7951	0.002
7952	0.002
7953	0.005
7954	0.006
7955	0.002
7956	0.003
7957	0.003
7958	0.002
7959	0.003
7960	0.002
7961	0.003
7962	0.003
7963	0.003
7964	0.003
7965	0.002
7966	0.003
7967	0.005
7968	0.004
7969	0.004
7970	0.004
7971	0.004
7972	0.003
7973	0.003
7974	0.003
7975	0.002
7976	0.003
7977	0.003
7978	0.004
7979	0.006
7980	0.01
7981	0.007
7982	0.005
7983	0.004
7984	0.004
7985	0.003
7986	0.003
7987	0.005
7988	0.004
7989	0.003
7990	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

7991	0.003
7992	0.003
7993	0.003
7994	0.002
7995	0.002
7996	0.002
7997	0.002
7998	0.002
7999	0.002
8000	0.002
8001	0.002
8002	0.003
8003	0.002
8004	0.003
8005	0.004
8006	0.004
8007	0.004
8008	0.003
8009	0.003
8010	0.003
8011	0.002
8012	0.002
8013	0.003
8014	0.003
8015	0.003
8016	0.003
8017	0.003
8018	0.003
8019	0.003
8020	0.003
8021	0.002
8022	0.002
8023	0.003
8024	0.003
8025	0.003
8026	0.004
8027	0.005
8028	0.005
8029	0.004
8030	0.004
8031	0.004
8032	0.005
8033	0.005
8034	0.005
8035	0.006
8036	0.006
8037	0.005
8038	0.004
8039	0.003
8040	0.003
8041	0.005
8042	0.004
8043	0.004
8044	0.003
8045	0.003
8046	0.002
8047	0.002
8048	0.003
8049	0.003
8050	0.003
8051	0.003
8052	0.003
8053	0.003
8054	0.004
8055	0.003
8056	0.003
8057	0.003
8058	0.003
8059	0.003
8060	0.002
8061	0.002
8062	0.002
8063	0.002
8064	0.002
8065	0.002
8066	0.002
8067	0.002
8068	0.002
8069	0.002
8070	0.002
8071	0.002
8072	0.002
8073	0.002
8074	0.002
8075	0.002
8076	0.002
8077	0.002
8078	0.002
8079	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8080	0.002
8081	0.005
8082	0.005
8083	0.002
8084	0.002
8085	0.003
8086	0.002
8087	0.002
8088	0.002
8089	0.002
8090	0.002
8091	0.003
8092	0.002
8093	0.002
8094	0.003
8095	0.003
8096	0.002
8097	0.002
8098	0.002
8099	0.002
8100	0.002
8101	0.002
8102	0.002
8103	0.002
8104	0.002
8105	0.002
8106	0.002
8107	0.002
8108	0.002
8109	0.003
8110	0.002
8111	0.002
8112	0.002
8113	0.002
8114	0.003
8115	0.003
8116	0.003
8117	0.003
8118	0.003
8119	0.003
8120	0.003
8121	0.003
8122	0.003
8123	0.003
8124	0.003
8125	0.003
8126	0.003
8127	0.004
8128	0.004
8129	0.003
8130	0.003
8131	0.004
8132	0.003
8133	0.003
8134	0.003
8135	0.002
8136	0.002
8137	0.003
8138	0.003
8139	0.003
8140	0.003
8141	0.003
8142	0.003
8143	0.002
8144	0.003
8145	0.003
8146	0.002
8147	0.002
8148	0.002
8149	0.002
8150	0.002
8151	0.002
8152	0.002
8153	0.002
8154	0.002
8155	0.002
8156	0.003
8157	0.003
8158	0.003
8159	0.002
8160	0.002
8161	0.002
8162	0.002
8163	0.002
8164	0.003
8165	0.002
8166	0.003
8167	0.001
8168	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8169	0.002
8170	0.002
8171	0.002
8172	0.002
8173	0.002
8174	0.003
8175	0.003
8176	0.003
8177	0.003
8178	0.002
8179	0.003
8180	0.005
8181	0.006
8182	0.009
8183	0.005
8184	0.004
8185	0.003
8186	0.003
8187	0.004
8188	0.005
8189	0.006
8190	0.008
8191	0.008
8192	0.007
8193	0.006
8194	0.006
8195	0.007
8196	0.006
8197	0.005
8198	0.004
8199	0.006
8200	0.008
8201	0.008
8202	0.01
8203	0.006
8204	0.008
8205	0.006
8206	0.008
8207	0.007
8208	0.007
8209	0.008
8210	0.009
8211	0.004
8212	0.004
8213	0.006
8214	0.008
8215	0.006
8216	0.005
8217	0.005
8218	0.003
8219	0.003
8220	0.004
8221	0.005
8222	0.004
8223	0.003
8224	0.002
8225	0.002
8226	0.002
8227	0.003
8228	0.004
8229	0.002
8230	0.002
8231	0.002
8232	0.002
8233	0.002
8234	0.002
8235	0.004
8236	0.002
8237	0.001
8238	0.001
8239	0.002
8240	0.002
8241	0.002
8242	0.001
8243	0.002
8244	0.002
8245	0.001
8246	0.002
8247	0.002
8248	0.002
8249	0.002
8250	0.002
8251	0.002
8252	0.001
8253	0.002
8254	0.002
8255	0.001
8256	0.001
8257	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8258	0.002
8259	0.002
8260	0.002
8261	0.002
8262	0.001
8263	0.002
8264	0.002
8265	0.002
8266	0.001
8267	0.002
8268	0.002
8269	0.002
8270	0.002
8271	0.002
8272	0.002
8273	0.002
8274	0.002
8275	0.002
8276	0.003
8277	0.002
8278	0.002
8279	0.002
8280	0.004
8281	0.004
8282	0.002
8283	0.002
8284	0.002
8285	0.002
8286	0.002
8287	0.002
8288	0.002
8289	0.002
8290	0.002
8291	0.002
8292	0.002
8293	0.001
8294	0.001
8295	0.002
8296	0.001
8297	0.001
8298	0.001
8299	0.002
8300	0.002
8301	0.003
8302	0.002
8303	0.002
8304	0.002
8305	0.002
8306	0.002
8307	0.002
8308	0.002
8309	0.002
8310	0.002
8311	0.002
8312	0.002
8313	0.002
8314	0.002
8315	0.001
8316	0.001
8317	0.002
8318	0.002
8319	0.002
8320	0.002
8321	0.002
8322	0.002
8323	0.002
8324	0.002
8325	0.001
8326	0.002
8327	0.002
8328	0.002
8329	0.002
8330	0.002
8331	0.002
8332	0.003
8333	0.002
8334	0.002
8335	0.002
8336	0.002
8337	0.003
8338	0.005
8339	0.007
8340	0.005
8341	0.003
8342	0.003
8343	0.002
8344	0.005
8345	0.003
8346	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8347	0.003
8348	0.003
8349	0.002
8350	0.002
8351	0.002
8352	0.002
8353	0.002
8354	0.003
8355	0.003
8356	0.003
8357	0.003
8358	0.003
8359	0.002
8360	0.002
8361	0.002
8362	0.002
8363	0.002
8364	0.002
8365	0.003
8366	0.002
8367	0.002
8368	0.001
8369	0.002
8370	0.001
8371	0.002
8372	0.005
8373	0.006
8374	0.001
8375	0.001
8376	0.002
8377	0.002
8378	0.001
8379	0.001
8380	0.002
8381	0.002
8382	0.003
8383	0.001
8384	0.002
8385	0.003
8386	0.007
8387	0.029
8388	0.063
8389	0.059
8390	0.036
8391	0.022
8392	0.013
8393	0.007
8394	0.005
8395	0.005
8396	0.005
8397	0.008
8398	0.016
8399	0.02
8400	0.016
8401	0.013
8402	0.011
8403	0.009
8404	0.01
8405	0.014
8406	0.015
8407	0.015
8408	0.016
8409	0.017
8410	0.019
8411	0.023
8412	0.025
8413	0.025
8414	0.027
8415	0.027
8416	0.03
8417	0.03
8418	0.024
8419	0.015
8420	0.01
8421	0.007
8422	0.007
8423	0.011
8424	0.014
8425	0.01
8426	0.005
8427	0.003
8428	0.003
8429	0.002
8430	0.002
8431	0.002
8432	0.002
8433	0.004
8434	0.003
8435	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8436	0.002
8437	0.002
8438	0.002
8439	0.002
8440	0.002
8441	0.002
8442	0.002
8443	0.002
8444	0.001
8445	0.001
8446	0.002
8447	0.002
8448	0.001
8449	0.002
8450	0.002
8451	0.002
8452	0.002
8453	0.002
8454	0.001
8455	0.002
8456	0.001
8457	0.002
8458	0.002
8459	0.002
8460	0.002
8461	0.002
8462	0.003
8463	0.002
8464	0.002
8465	0.002
8466	0.002
8467	0.002
8468	0.002
8469	0.002
8470	0.002
8471	0.002
8472	0.002
8473	0.002
8474	0.002
8475	0.001
8476	0.001
8477	0.001
8478	0.002
8479	0.001
8480	0.001
8481	0.002
8482	0.002
8483	0.002
8484	0.003
8485	0.002
8486	0.001
8487	0.002
8488	0.002
8489	0.004
8490	0.003
8491	0.002
8492	0.002
8493	0.003
8494	0.002
8495	0.001
8496	0.001
8497	0.002
8498	0.001
8499	0.001
8500	0.001
8501	0.001
8502	0.002
8503	0.002
8504	0.003
8505	0.004
8506	0.003
8507	0.005
8508	0.005
8509	0.006
8510	0.002
8511	0.006
8512	0.007
8513	0.002
8514	0.002
8515	0.003
8516	0.002
8517	0.003
8518	0.004
8519	0.002
8520	0.002
8521	0.002
8522	0.002
8523	0.003
8524	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8525	0.003
8526	0.003
8527	0.002
8528	0.003
8529	0.003
8530	0.003
8531	0.001
8532	0.002
8533	0.002
8534	0.002
8535	0.003
8536	0.002
8537	0.002
8538	0.002
8539	0.003
8540	0.003
8541	0.002
8542	0.002
8543	0.003
8544	0.003
8545	0.002
8546	0.002
8547	0.002
8548	0.003
8549	0.002
8550	0.003
8551	0.004
8552	0.001
8553	0.001
8554	0.002
8555	0.002
8556	0.001
8557	0.001
8558	0.001
8559	0.001
8560	0.001
8561	0.001
8562	0.001
8563	0.002
8564	0.001
8565	0.001
8566	0.002
8567	0.003
8568	0.001
8569	0.001
8570	0.001
8571	0.001
8572	0.001
8573	0.002
8574	0.002
8575	0.002
8576	0.003
8577	0.002
8578	0.001
8579	0.001
8580	0.001
8581	0.001
8582	0.001
8583	0.001
8584	0.003
8585	0.003
8586	0.003
8587	0.002
8588	0.003
8589	0.002
8590	0.002
8591	0.003
8592	0.003
8593	0.002
8594	0.002
8595	0.001
8596	0.001
8597	0.001
8598	0.001
8599	0.002
8600	0.001
8601	0.001
8602	0.001
8603	0.001
8604	0.001
8605	0.001
8606	0.001
8607	0.001
8608	0.001
8609	0
8610	0.002
8611	0.003
8612	0.001
8613	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8614	0.002
8615	0.001
8616	0.002
8617	0.001
8618	0.002
8619	0.003
8620	0.001
8621	0.001
8622	0.001
8623	0.001
8624	0.001
8625	0.001
8626	0.001
8627	0.002
8628	0.001
8629	0.001
8630	0.001
8631	0.001
8632	0.001
8633	0.001
8634	0.001
8635	0.001
8636	0.001
8637	0.001
8638	0.001
8639	0.002
8640	0.002
8641	0.002
8642	0.003
8643	0.002
8644	0.001
8645	0.002
8646	0.001
8647	0.001
8648	0.001
8649	0.001
8650	0.003
8651	0.005
8652	0.004
8653	0.001
8654	0.001
8655	0.002
8656	0.002
8657	0.001
8658	0.001
8659	0.001
8660	0.002
8661	0.001
8662	0.001
8663	0.002
8664	0.001
8665	0.001
8666	0.002
8667	0.001
8668	0.001
8669	0.001
8670	0.001
8671	0.002
8672	0.003
8673	0.003
8674	0.003
8675	0.003
8676	0.001
8677	0.001
8678	0.001
8679	0.001
8680	0.001
8681	0.001
8682	0.001
8683	0.001
8684	0.001
8685	0.001
8686	0.001
8687	0.001
8688	0.005
8689	0.002
8690	0.001
8691	0.001
8692	0.001
8693	0.001
8694	0.001
8695	0.001
8696	0.001
8697	0.001
8698	0.001
8699	0.002
8700	0.001
8701	0.001
8702	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8703	0.002
8704	0.001
8705	0.001
8706	0.002
8707	0.004
8708	0.002
8709	0.001
8710	0.001
8711	0.001
8712	0.001
8713	0.001
8714	0.001
8715	0.001
8716	0.001
8717	0
8718	0
8719	0.001
8720	0.001
8721	0.001
8722	0.001
8723	0.001
8724	0.001
8725	0.002
8726	0.001
8727	0.001
8728	0.001
8729	0.001
8730	0
8731	0
8732	0
8733	0
8734	0.001
8735	0.001
8736	0
8737	0.001
8738	0.001
8739	0.001
8740	0
8741	0
8742	0
8743	0.001
8744	0.001
8745	0.001
8746	0.001
8747	0.002
8748	0.001
8749	0.001
8750	0.001
8751	0.001
8752	0.001
8753	0
8754	0.007
8755	0.009
8756	0.001
8757	0.001
8758	0
8759	0
8760	0
8761	0.001
8762	0.002
8763	0.001
8764	0.001
8765	0.001
8766	0.001
8767	0.001
8768	0
8769	0
8770	0
8771	0
8772	0.001
8773	0
8774	0.001
8775	0.001
8776	0
8777	0.001
8778	0.001
8779	0.001
8780	0.013
8781	0.018
8782	0.004
8783	0.008
8784	0.009
8785	0.009
8786	0.004
8787	0
8788	0
8789	0
8790	0.001
8791	0.023

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8792	0.062
8793	0.036
8794	0.019
8795	0.02
8796	0.003
8797	0.004
8798	0.003
8799	0.001
8800	0.001
8801	0.001
8802	0.001
8803	0.001
8804	0.001
8805	0
8806	0
8807	0
8808	0.001
8809	0.001
8810	0
8811	0
8812	0.001
8813	0
8814	0
8815	0.001
8816	0.001
8817	0
8818	0.001
8819	0.001
8820	0.001
8821	0.001
8822	0
8823	0
8824	0
8825	0
8826	0.001
8827	0.001
8828	0.001
8829	0.002
8830	0.001
8831	0
8832	0.001
8833	0.001
8834	0.001
8835	0.001
8836	0
8837	0.001
8838	0.001
8839	0.001
8840	0
8841	0
8842	0.001
8843	0.002
8844	0.003
8845	0.001
8846	0.001
8847	0.001
8848	0
8849	0
8850	0.001
8851	0.001
8852	0.002
8853	0.001
8854	0.001
8855	0.001
8856	0.001
8857	0.001
8858	0.001
8859	0.001
8860	0.001
8861	0.001
8862	0.001
8863	0
8864	0
8865	0
8866	0
8867	0.001
8868	0.001
8869	0.001
8870	0.001
8871	0.001
8872	0.001
8873	0
8874	0
8875	0
8876	0
8877	0
8878	0
8879	0
8880	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8881	0.001
8882	0.001
8883	0.003
8884	0.003
8885	0
8886	0.001
8887	0.001
8888	0
8889	0
8890	0
8891	0
8892	0
8893	0.001
8894	0.001
8895	0.001
8896	0.001
8897	0.001
8898	0
8899	0.001
8900	0.001
8901	0.001
8902	0.001
8903	0.001
8904	0.001
8905	0
8906	0.001
8907	0.001
8908	0
8909	0
8910	0
8911	0
8912	0.001
8913	0.001
8914	0.001
8915	0.001
8916	0.001
8917	0
8918	0.001
8919	0.001
8920	0
8921	0
8922	0.001
8923	0.002
8924	0.002
8925	0
8926	0.001
8927	0.001
8928	0
8929	0
8930	0.001
8931	0.001
8932	0
8933	0
8934	0
8935	0
8936	0.001
8937	0.001
8938	0
8939	0
8940	0.001
8941	0
8942	0
8943	0
8944	0.001
8945	0.001
8946	0
8947	0.001
8948	0.001
8949	0.001
8950	0
8951	0.001
8952	0.001
8953	0.001
8954	0.001
8955	0.001
8956	0.001
8957	0.001
8958	0
8959	0.001
8960	0.001
8961	0
8962	0
8963	0.001
8964	0.001
8965	0
8966	0
8967	0.001
8968	0.001
8969	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

8970	0.002
8971	0.001
8972	0
8973	0
8974	0.001
8975	0
8976	0.001
8977	0.001
8978	0
8979	0
8980	0
8981	0
8982	0.002
8983	0.003
8984	0.003
8985	0.001
8986	0.001
8987	0.001
8988	0.004
8989	0.004
8990	-0.001
8991	0.001
8992	0.001
8993	0.001
8994	0.001
8995	0.002
8996	0.004
8997	0.001
8998	0
8999	0
9000	0
9001	0
9002	0
9003	0
9004	0.001
9005	0
9006	0
9007	0
9008	0.001
9009	0.001
9010	0.001
9011	0.001
9012	0
9013	0
9014	0
9015	0.001
9016	0.001
9017	0.001
9018	0
9019	0
9020	0.002
9021	0.001
9022	0
9023	0.001
9024	0.001
9025	0
9026	0
9027	0.002
9028	0
9029	0
9030	0.001
9031	0.001
9032	0.001
9033	0.001
9034	0
9035	0.002
9036	0.002
9037	0.001
9038	0.006
9039	0.006
9040	0.005
9041	0.005
9042	0.002
9043	0.001
9044	0.001
9045	0.001
9046	0.001
9047	0.001
9048	0
9049	0.002
9050	0.005
9051	0.005
9052	0.001
9053	0.003
9054	0.003
9055	0.003
9056	0.004
9057	0.003
9058	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9059	0.003
9060	0.003
9061	0.005
9062	0.003
9063	0.006
9064	0.011
9065	0.004
9066	0.003
9067	0.004
9068	0.003
9069	0.004
9070	0.005
9071	0.007
9072	0.008
9073	0.005
9074	0.005
9075	0.004
9076	0.003
9077	0.003
9078	0.005
9079	0.012
9080	0.013
9081	0.007
9082	0.003
9083	0.002
9084	0.006
9085	0.003
9086	0.004
9087	0.003
9088	0.003
9089	0.004
9090	0.006
9091	0.007
9092	0.003
9093	0.004
9094	0.004
9095	0.004
9096	0.005
9097	0.005
9098	0.008
9099	0.005
9100	0.003
9101	0.003
9102	0.005
9103	0.004
9104	0.002
9105	0.001
9106	0.003
9107	0.004
9108	0.01
9109	0.011
9110	0.006
9111	0.005
9112	0.007
9113	0.006
9114	0.006
9115	0.003
9116	0.002
9117	0.003
9118	0.001
9119	0.001
9120	0
9121	0.001
9122	0.001
9123	0.002
9124	0.003
9125	0.004
9126	0.007
9127	0.008
9128	0.005
9129	0.007
9130	0.004
9131	0.004
9132	0.007
9133	0.008
9134	0.004
9135	0.004
9136	0.007
9137	0.008
9138	0.008
9139	0.007
9140	0.007
9141	0.006
9142	0.008
9143	0.007
9144	0.007
9145	0.01
9146	0.012
9147	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9148	0.004
9149	0.006
9150	0.006
9151	0.007
9152	0.006
9153	0.006
9154	0.007
9155	0.004
9156	0.004
9157	0.003
9158	0.002
9159	0.001
9160	0.002
9161	0.002
9162	0.003
9163	0.004
9164	0.004
9165	0.002
9166	0.002
9167	0.001
9168	0.001
9169	0.001
9170	0.001
9171	0.001
9172	0
9173	0.001
9174	0.001
9175	0.001
9176	0.001
9177	0.001
9178	0.002
9179	0.001
9180	0.004
9181	0.005
9182	0.001
9183	0.001
9184	0.001
9185	0.003
9186	0
9187	0
9188	0.001
9189	0.002
9190	0.001
9191	0.002
9192	0.002
9193	0.003
9194	0.003
9195	0.002
9196	0.001
9197	0.001
9198	0.002
9199	0.004
9200	0.007
9201	0.008
9202	0.001
9203	0.001
9204	0.003
9205	0.003
9206	0.001
9207	0.001
9208	0
9209	0
9210	0.001
9211	0
9212	0.001
9213	0.001
9214	0.001
9215	0.001
9216	0.001
9217	0.001
9218	0.001
9219	0.001
9220	0.001
9221	0.001
9222	0.002
9223	0.003
9224	0.001
9225	0.001
9226	0.001
9227	0.001
9228	0.001
9229	0.001
9230	0.001
9231	0.001
9232	0.001
9233	0.002
9234	0.003
9235	0.002
9236	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9237	0.004
9238	0.003
9239	0.005
9240	0.006
9241	0.002
9242	0.004
9243	0.003
9244	0.001
9245	0.002
9246	0.003
9247	0.003
9248	0.002
9249	0.002
9250	0.003
9251	0.001
9252	0.002
9253	0.002
9254	0.001
9255	0.001
9256	0.001
9257	0.001
9258	0.001
9259	0.001
9260	0.001
9261	0.001
9262	0.001
9263	0.001
9264	0.001
9265	0.001
9266	0
9267	0.001
9268	0.002
9269	0.004
9270	0.002
9271	0.004
9272	0.007
9273	0.003
9274	0.002
9275	0.003
9276	0.003
9277	0.001
9278	0.001
9279	0.001
9280	0.001
9281	0.002
9282	0.004
9283	0.004
9284	0.002
9285	0.001
9286	0.002
9287	0.002
9288	0
9289	0.001
9290	0.001
9291	0.001
9292	0.003
9293	0.002
9294	0.005
9295	0.006
9296	0.001
9297	0.001
9298	0.001
9299	0.002
9300	0.002
9301	0.001
9302	0.001
9303	0.001
9304	0.001
9305	0.001
9306	0.001
9307	0.001
9308	0.002
9309	0.001
9310	0.001
9311	0.001
9312	0.001
9313	0
9314	0.002
9315	0.002
9316	0.001
9317	0.001
9318	0.002
9319	0.003
9320	0.001
9321	0.002
9322	0.002
9323	0.002
9324	0.002
9325	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9326	0
9327	0.004
9328	0.001
9329	0.001
9330	0.001
9331	0.001
9332	0.001
9333	0.001
9334	0.001
9335	0.002
9336	0.001
9337	0.001
9338	0
9339	0
9340	0
9341	0.001
9342	0.002
9343	0.001
9344	0.001
9345	0.001
9346	0.001
9347	0.001
9348	0.001
9349	0
9350	0.001
9351	0.001
9352	0.001
9353	0
9354	0.001
9355	0.001
9356	0.001
9357	0.001
9358	0.001
9359	0.001
9360	0.001
9361	0.001
9362	0.001
9363	0.003
9364	0.001
9365	0.001
9366	0.001
9367	0.001
9368	0.001
9369	0.001
9370	0.001
9371	0.001
9372	0.002
9373	0.002
9374	0.002
9375	0.001
9376	0.001
9377	0.001
9378	0.001
9379	0.001
9380	0.001
9381	0.001
9382	0.001
9383	0.001
9384	0.001
9385	0.002
9386	0.002
9387	0.002
9388	0.002
9389	0.001
9390	0.001
9391	0.002
9392	0.003
9393	0.002
9394	0.001
9395	0.001
9396	0.001
9397	0.002
9398	0.003
9399	0.003
9400	0.002
9401	0.002
9402	0.001
9403	0.001
9404	0.001
9405	0.001
9406	0.001
9407	0.001
9408	0.003
9409	0.002
9410	0.002
9411	0.002
9412	0.001
9413	0.001
9414	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9415	0.001
9416	0.002
9417	0.002
9418	0.001
9419	0.001
9420	0.002
9421	0.002
9422	0.001
9423	0.001
9424	0.001
9425	0.001
9426	0.001
9427	0.001
9428	0.001
9429	0
9430	0.001
9431	0.001
9432	0.001
9433	0.001
9434	0.001
9435	0.001
9436	0
9437	0.001
9438	0.001
9439	0.001
9440	0.001
9441	0.002
9442	0.002
9443	0.001
9444	0.001
9445	0.001
9446	0.001
9447	0.002
9448	0.001
9449	0.001
9450	0.001
9451	0.001
9452	0.001
9453	0.001
9454	0.001
9455	0.001
9456	0.002
9457	0.002
9458	0.001
9459	0.001
9460	0.001
9461	0.001
9462	0.002
9463	0.002
9464	0.001
9465	0.001
9466	0.001
9467	0.002
9468	0.002
9469	0.001
9470	0.001
9471	0.001
9472	0.001
9473	0.001
9474	0.002
9475	0.001
9476	0.001
9477	0.001
9478	0.001
9479	0.001
9480	0.001
9481	0.002
9482	0.002
9483	0.001
9484	0.001
9485	0.001
9486	0.001
9487	0.002
9488	0.003
9489	0.004
9490	0.001
9491	0.002
9492	0.001
9493	0.001
9494	0.001
9495	0
9496	0.001
9497	0.002
9498	0.002
9499	0
9500	0
9501	0.001
9502	0.001
9503	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9504	0.001
9505	0.001
9506	0.001
9507	0.001
9508	0.001
9509	0.001
9510	0.002
9511	0.002
9512	0.001
9513	0.001
9514	0.008
9515	0.009
9516	0.003
9517	0.004
9518	0.006
9519	0.008
9520	0.003
9521	0.002
9522	0.002
9523	0.002
9524	0.001
9525	0.001
9526	0.001
9527	0.001
9528	0.001
9529	0.001
9530	0.001
9531	0.001
9532	0.001
9533	0.001
9534	0.006
9535	0.009
9536	0.001
9537	0.001
9538	0.001
9539	0.001
9540	0.001
9541	0.001
9542	0.003
9543	0.004
9544	0.002
9545	0.001
9546	0.001
9547	0
9548	0.001
9549	0.001
9550	0.001
9551	0.001
9552	0
9553	0.001
9554	0.004
9555	0.004
9556	0.001
9557	0.001
9558	0.001
9559	0.002
9560	0.001
9561	0
9562	0
9563	0
9564	0.001
9565	0.001
9566	0
9567	0.001
9568	0.001
9569	0.001
9570	0.001
9571	0
9572	0
9573	0
9574	0.001
9575	0.001
9576	0.002
9577	0.003
9578	0
9579	0.001
9580	0.001
9581	0.001
9582	0.001
9583	0.001
9584	0.001
9585	0
9586	0
9587	0.001
9588	0.001
9589	0
9590	0.001
9591	0.001
9592	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9593	0.001
9594	0.002
9595	0.002
9596	0.002
9597	0
9598	0
9599	0.001
9600	0.001
9601	0.001
9602	0.002
9603	0.001
9604	0.001
9605	0.001
9606	0.001
9607	0.008
9608	0.01
9609	0.002
9610	0.001
9611	0.002
9612	0.003
9613	0.001
9614	0.001
9615	0.001
9616	0.001
9617	0.001
9618	0
9619	0.001
9620	0.001
9621	0.001
9622	0.001
9623	0.003
9624	0
9625	0.001
9626	0.001
9627	0.001
9628	0.001
9629	0.002
9630	0.001
9631	0
9632	0
9633	0.001
9634	0.001
9635	0.001
9636	0.001
9637	0.001
9638	0.001
9639	0
9640	0.001
9641	0.001
9642	0.001
9643	0.001
9644	0.001
9645	0
9646	0.001
9647	0.001
9648	0
9649	0.001
9650	0
9651	0
9652	0.001
9653	0
9654	0
9655	0
9656	0
9657	0
9658	0.001
9659	0.001
9660	0.001
9661	0.001
9662	0.001
9663	0.001
9664	0.001
9665	0
9666	0
9667	0
9668	0
9669	0.001
9670	0
9671	0
9672	0.001
9673	0.001
9674	0.001
9675	0.001
9676	0.001
9677	0.001
9678	0.001
9679	0.001
9680	0.001
9681	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9682	0.001
9683	0.001
9684	0.001
9685	0.001
9686	0.001
9687	0.001
9688	0.001
9689	0.001
9690	0.001
9691	0.001
9692	0
9693	0.001
9694	0.001
9695	0.001
9696	0
9697	0.001
9698	0.001
9699	0.001
9700	0.001
9701	0.001
9702	0.001
9703	0.001
9704	0.001
9705	0.001
9706	0.001
9707	0.001
9708	0.001
9709	0.001
9710	0.001
9711	0.001
9712	0
9713	0.001
9714	0.001
9715	0.001
9716	0
9717	0.001
9718	0
9719	0.001
9720	0.002
9721	0.002
9722	0.001
9723	0.001
9724	0
9725	0
9726	0
9727	0.001
9728	0.001
9729	0.001
9730	0.001
9731	0.001
9732	0.001
9733	0
9734	0.001
9735	0.002
9736	0.001
9737	0
9738	0.001
9739	0.001
9740	0.001
9741	0.001
9742	0.001
9743	0.001
9744	0.001
9745	0
9746	0.001
9747	0.001
9748	0.001
9749	0
9750	0
9751	0.001
9752	0.002
9753	0.002
9754	0.001
9755	0.001
9756	0.001
9757	0.001
9758	0.001
9759	0.001
9760	0.002
9761	0.001
9762	0
9763	0
9764	0
9765	0.001
9766	0.001
9767	0
9768	0.001
9769	0
9770	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9771	0.001
9772	0.001
9773	0.001
9774	0.001
9775	0.002
9776	0.003
9777	0.003
9778	0.004
9779	0.005
9780	0.007
9781	0.01
9782	0.006
9783	0.003
9784	0.003
9785	0.001
9786	0.001
9787	0.001
9788	0.002
9789	0.002
9790	0.001
9791	0.001
9792	0.001
9793	0.001
9794	0.001
9795	0.001
9796	0.002
9797	0.002
9798	0.003
9799	0.002
9800	0.005
9801	0.007
9802	0.005
9803	0.004
9804	0.003
9805	0.004
9806	0.006
9807	0.004
9808	0.005
9809	0.008
9810	0.007
9811	0.009
9812	0.009
9813	0.008
9814	0.01
9815	0.016
9816	0.015
9817	0.009
9818	0.009
9819	0.009
9820	0.013
9821	0.008
9822	0.011
9823	0.013
9824	0.011
9825	0.009
9826	0.006
9827	0.005
9828	0.004
9829	0.004
9830	0.004
9831	0.004
9832	0.005
9833	0.007
9834	0.007
9835	0.005
9836	0.005
9837	0.005
9838	0.005
9839	0.006
9840	0.005
9841	0.004
9842	0.004
9843	0.005
9844	0.004
9845	0.009
9846	0.008
9847	0.004
9848	0.007
9849	0.004
9850	0.004
9851	0.005
9852	0.005
9853	0.006
9854	0.008
9855	0.014
9856	0.017
9857	0.006
9858	0.003
9859	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9860	0.002
9861	0.003
9862	0.005
9863	0.006
9864	0.006
9865	0.004
9866	0.003
9867	0.003
9868	0.004
9869	0.006
9870	0.004
9871	0.002
9872	0.002
9873	0.003
9874	0.005
9875	0.002
9876	0.002
9877	0.007
9878	0.008
9879	0.003
9880	0.001
9881	0.002
9882	0.001
9883	0.001
9884	0
9885	0.001
9886	0.002
9887	0.003
9888	0.002
9889	0.004
9890	0.003
9891	0.001
9892	0.002
9893	0.003
9894	0.002
9895	0.002
9896	0.001
9897	0.002
9898	0.001
9899	0.001
9900	0.002
9901	0.002
9902	0.003
9903	0.004
9904	0.003
9905	0.004
9906	0.005
9907	0.003
9908	0.001
9909	0.001
9910	0.002
9911	0.003
9912	0.001
9913	0.002
9914	0.003
9915	0.003
9916	0.001
9917	0.002
9918	0.002
9919	0.003
9920	0.003
9921	0.002
9922	0.001
9923	0.003
9924	0.004
9925	0.002
9926	0.003
9927	0.002
9928	0.002
9929	0.002
9930	0.002
9931	0.003
9932	0.003
9933	0.001
9934	0.001
9935	0.001
9936	0.001
9937	0
9938	0.002
9939	0.003
9940	0.001
9941	0
9942	0.001
9943	0.001
9944	0
9945	0
9946	0
9947	0
9948	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

9949	0
9950	0
9951	0.001
9952	0
9953	0
9954	0
9955	0
9956	0.001
9957	0.001
9958	0
9959	0
9960	0.001
9961	0.001
9962	0
9963	0
9964	0
9965	0
9966	0.001
9967	0
9968	0
9969	0.001
9970	0.001
9971	0.001
9972	0.001
9973	0.001
9974	0.001
9975	0.001
9976	0.001
9977	0.002
9978	0.001
9979	0
9980	0.001
9981	0.001
9982	0.001
9983	0
9984	0
9985	0.001
9986	0
9987	0.001
9988	0.001
9989	0.003
9990	0.001
9991	0.001
9992	0.001
9993	0.001
9994	0.001
9995	0.001
9996	0.001
9997	0.001
9998	0.001
9999	0.001
10000	0.001
10001	0
10002	0
10003	0.001
10004	0.001
10005	0.001
10006	0.001
10007	0.001
10008	0
10009	0
10010	0
10011	0.001
10012	0.001
10013	0.001
10014	0.001
10015	0.001
10016	0
10017	0
10018	0.001
10019	0.001
10020	0.001
10021	0
10022	0
10023	0
10024	0
10025	0
10026	0.001
10027	0.001
10028	0
10029	0.001
10030	0.001
10031	0.001
10032	0.001
10033	0.001
10034	0.002
10035	0.001
10036	0.001
10037	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10038	0.001
10039	0.001
10040	0
10041	0.001
10042	0.001
10043	0
10044	0.001
10045	0.001
10046	0.001
10047	0.001
10048	0.001
10049	0.001
10050	0
10051	0.001
10052	0.001
10053	0.002
10054	0.002
10055	0.004
10056	0.004
10057	0.002
10058	0.002
10059	0.001
10060	0.002
10061	0.001
10062	0.001
10063	0.001
10064	0.001
10065	0.001
10066	0.001
10067	0.001
10068	0
10069	0
10070	0
10071	0
10072	0
10073	0
10074	0
10075	0
10076	0
10077	0.001
10078	0
10079	0
10080	0
10081	0.001
10082	0
10083	0.001
10084	0.001
10085	0.001
10086	0.001
10087	0.001
10088	0.001
10089	0.002
10090	0.004
10091	0.005
10092	0.007
10093	0.005
10094	0.001
10095	0
10096	0.001
10097	0.001
10098	0.001
10099	0
10100	0
10101	0
10102	0
10103	0
10104	0
10105	0.001
10106	0.001
10107	0
10108	0.001
10109	0.001
10110	0.001
10111	0.001
10112	0
10113	0
10114	0
10115	0
10116	0
10117	0.001
10118	0.001
10119	0
10120	0.001
10121	0.001
10122	0.001
10123	0.001
10124	0.001
10125	0.001
10126	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10127	0.001
10128	0
10129	0
10130	0
10131	0
10132	0.001
10133	0
10134	0
10135	0
10136	0.001
10137	0.001
10138	0
10139	0
10140	0
10141	0.001
10142	0.001
10143	0.001
10144	0.001
10145	0.001
10146	0
10147	0
10148	0
10149	0
10150	0
10151	0
10152	0
10153	0
10154	0
10155	0.001
10156	0
10157	0
10158	0
10159	0
10160	0
10161	0.002
10162	0.009
10163	0.008
10164	0.003
10165	0.004
10166	0
10167	0
10168	0
10169	0
10170	0
10171	0
10172	0
10173	0
10174	0
10175	0
10176	0
10177	0
10178	0
10179	0
10180	0
10181	0
10182	0
10183	0
10184	0.001
10185	0.001
10186	0
10187	0
10188	0
10189	0
10190	0
10191	0
10192	0
10193	0.001
10194	0
10195	0
10196	0
10197	0
10198	0
10199	0
10200	0
10201	0
10202	0
10203	0
10204	0
10205	0
10206	0
10207	0.002
10208	0.002
10209	0
10210	0
10211	0
10212	0
10213	0
10214	0
10215	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10216	0
10217	0
10218	0
10219	0
10220	0
10221	0
10222	0
10223	0
10224	0
10225	0
10226	0
10227	0
10228	0
10229	0
10230	0
10231	0
10232	0
10233	0
10234	0
10235	0
10236	0
10237	0
10238	0.001
10239	0
10240	0
10241	0
10242	0
10243	0.001
10244	0
10245	0
10246	0.001
10247	0.001
10248	0
10249	0
10250	0
10251	0
10252	0
10253	0.001
10254	0
10255	0
10256	0
10257	0
10258	0
10259	0
10260	0
10261	0
10262	0
10263	0
10264	0
10265	0.001
10266	0.002
10267	0
10268	0
10269	0
10270	0
10271	0
10272	0
10273	0
10274	0
10275	0
10276	0
10277	0
10278	0
10279	0
10280	0
10281	0
10282	0
10283	0
10284	0
10285	0
10286	0
10287	0.007
10288	0.009
10289	0
10290	0
10291	0.001
10292	0
10293	0.002
10294	0.002
10295	0
10296	0
10297	0
10298	0.001
10299	0.001
10300	0
10301	0
10302	0
10303	0
10304	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10305	0
10306	0
10307	0
10308	0
10309	0
10310	0
10311	0
10312	0
10313	0
10314	0
10315	0
10316	0
10317	0
10318	0.001
10319	0.001
10320	0.001
10321	0
10322	0
10323	0
10324	0
10325	0
10326	0
10327	0
10328	0
10329	0
10330	0.001
10331	0
10332	0
10333	0
10334	0
10335	0
10336	0
10337	0
10338	0
10339	0
10340	0
10341	0
10342	0
10343	0
10344	0
10345	0
10346	0
10347	0
10348	0
10349	0
10350	0
10351	0
10352	0
10353	0
10354	0
10355	0
10356	0
10357	0
10358	0.001
10359	0.001
10360	0
10361	0.001
10362	0
10363	0
10364	0
10365	0
10366	0
10367	0
10368	0.001
10369	0.001
10370	0.001
10371	0
10372	0
10373	0
10374	0
10375	0.001
10376	0.001
10377	0.001
10378	0
10379	0
10380	0.001
10381	0.001
10382	0.001
10383	0.001
10384	0.001
10385	0.002
10386	0.002
10387	0.002
10388	0.002
10389	0.001
10390	0.001
10391	0.002
10392	0.002
10393	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10394	0.001
10395	0.001
10396	0.001
10397	0
10398	0.001
10399	0.001
10400	0.001
10401	0.001
10402	0
10403	0
10404	0
10405	0
10406	0.001
10407	0.001
10408	0.001
10409	0.002
10410	0.001
10411	0.001
10412	0.001
10413	0.001
10414	0
10415	0
10416	0.001
10417	0.001
10418	0
10419	0.001
10420	0.001
10421	0.001
10422	0.001
10423	0.001
10424	0
10425	0
10426	0.002
10427	0.002
10428	0.001
10429	0.001
10430	0
10431	0
10432	0.001
10433	0
10434	0
10435	0
10436	0
10437	0
10438	0
10439	0.001
10440	0
10441	0
10442	0
10443	0
10444	0
10445	0.001
10446	0.001
10447	0
10448	0
10449	0.001
10450	0.001
10451	0.001
10452	0.001
10453	0.001
10454	0
10455	0
10456	0
10457	0
10458	0.001
10459	0.001
10460	0.001
10461	0
10462	0.001
10463	0.001
10464	0
10465	0
10466	0
10467	0.001
10468	0
10469	0
10470	0
10471	0
10472	0.001
10473	0
10474	0
10475	0
10476	0
10477	0
10478	0
10479	0
10480	0
10481	0
10482	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10483	0
10484	0
10485	0
10486	0
10487	0
10488	0
10489	0
10490	0.001
10491	0
10492	0
10493	0
10494	0
10495	0
10496	0
10497	0
10498	0
10499	0
10500	0
10501	0
10502	0
10503	0
10504	0
10505	0
10506	0
10507	0.001
10508	0
10509	0
10510	0
10511	0
10512	0
10513	0
10514	0
10515	0
10516	0
10517	0
10518	0.001
10519	0.001
10520	0.001
10521	0
10522	0
10523	0
10524	0.001
10525	0
10526	0
10527	0
10528	0
10529	0
10530	0
10531	0
10532	0
10533	0
10534	0
10535	0
10536	0.002
10537	0.001
10538	0.001
10539	0.001
10540	0.001
10541	0.001
10542	0.001
10543	0
10544	0
10545	0
10546	0
10547	0
10548	0
10549	0
10550	0
10551	0
10552	0
10553	0
10554	0
10555	0
10556	0
10557	0
10558	0
10559	0
10560	0
10561	0
10562	0
10563	0
10564	0
10565	0
10566	0
10567	0
10568	0
10569	0
10570	0
10571	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10572	0
10573	0
10574	0
10575	0
10576	0
10577	0
10578	0
10579	0
10580	0
10581	0
10582	0
10583	0
10584	0
10585	0
10586	0
10587	0
10588	0
10589	0
10590	0
10591	0
10592	0
10593	0
10594	0
10595	0
10596	0
10597	0
10598	0
10599	0
10600	0
10601	0
10602	0
10603	0
10604	0
10605	0
10606	0
10607	0
10608	0.001
10609	0
10610	0
10611	0
10612	0
10613	0
10614	0
10615	0
10616	0
10617	0
10618	0
10619	0
10620	0
10621	0
10622	0
10623	0
10624	0
10625	0
10626	0
10627	0
10628	0
10629	0
10630	0
10631	0
10632	0
10633	0
10634	0
10635	0
10636	0
10637	0
10638	0
10639	0
10640	0
10641	0
10642	0
10643	0
10644	0
10645	0
10646	0
10647	0
10648	0
10649	0.002
10650	0
10651	0
10652	0
10653	0
10654	0
10655	0
10656	0
10657	0
10658	0
10659	0
10660	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10661	0
10662	0
10663	0
10664	0
10665	0
10666	0
10667	0
10668	0
10669	0
10670	0
10671	0
10672	0
10673	0
10674	0
10675	0
10676	0
10677	0
10678	0
10679	0.001
10680	0
10681	0
10682	0
10683	0
10684	0
10685	0
10686	0
10687	0
10688	0
10689	0
10690	0
10691	0
10692	0
10693	0
10694	0
10695	0
10696	0
10697	0
10698	0
10699	0
10700	0
10701	0
10702	0
10703	0
10704	0.001
10705	0.001
10706	0
10707	0
10708	0
10709	0
10710	0
10711	0
10712	0
10713	0
10714	0
10715	0
10716	0.001
10717	0
10718	0
10719	0
10720	0
10721	0
10722	0
10723	0
10724	0
10725	0
10726	0
10727	0
10728	0
10729	0
10730	0
10731	0.001
10732	0
10733	0
10734	0
10735	0
10736	0
10737	0
10738	0
10739	0
10740	0
10741	0
10742	0
10743	0
10744	0
10745	0.001
10746	0
10747	0
10748	0
10749	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10750	0
10751	0
10752	0
10753	0
10754	0
10755	0
10756	0
10757	0
10758	0
10759	0
10760	0
10761	0
10762	0
10763	0
10764	0
10765	0
10766	0
10767	0
10768	0
10769	0
10770	0
10771	0
10772	0
10773	0
10774	0
10775	0
10776	0
10777	0
10778	0
10779	0
10780	0
10781	0
10782	0
10783	0
10784	0
10785	0
10786	0
10787	0
10788	0.003
10789	0.004
10790	-0.002
10791	0
10792	0
10793	0
10794	0
10795	0
10796	0
10797	0
10798	0
10799	0
10800	0
10801	0
10802	0
10803	0
10804	0
10805	0.001
10806	0
10807	0
10808	0
10809	0
10810	0
10811	0
10812	0
10813	0
10814	0
10815	0
10816	0
10817	0
10818	0
10819	0
10820	0
10821	0
10822	0
10823	0
10824	0
10825	0.001
10826	0.001
10827	0
10828	0
10829	0
10830	0
10831	0
10832	0
10833	0
10834	0
10835	0
10836	0
10837	0
10838	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10839	0
10840	0
10841	0
10842	0
10843	0
10844	0
10845	0
10846	0
10847	0
10848	0
10849	0
10850	0
10851	0
10852	0
10853	0
10854	0.001
10855	0.001
10856	0.001
10857	0
10858	0
10859	0
10860	0.001
10861	0.001
10862	0
10863	0
10864	0
10865	0
10866	0.001
10867	0
10868	0
10869	0
10870	0
10871	0
10872	0
10873	0.001
10874	0
10875	0
10876	0.001
10877	0
10878	0
10879	0
10880	0
10881	0.001
10882	0.001
10883	0
10884	0
10885	0
10886	0
10887	0
10888	0.001
10889	0.001
10890	0
10891	0
10892	0
10893	0
10894	0
10895	0
10896	0
10897	0.001
10898	0.001
10899	0
10900	0
10901	0
10902	0
10903	0
10904	0
10905	0.001
10906	0
10907	0
10908	0
10909	0
10910	0
10911	0
10912	0.001
10913	0
10914	0
10915	0
10916	0
10917	0
10918	0.001
10919	0
10920	0
10921	0
10922	0
10923	0.001
10924	0
10925	0
10926	0.001
10927	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

10928	0.001
10929	0
10930	0
10931	0.001
10932	0.001
10933	0
10934	0
10935	0
10936	0.001
10937	0
10938	0
10939	0.001
10940	0
10941	0
10942	0.001
10943	0
10944	0
10945	0
10946	0
10947	0
10948	0
10949	0.001
10950	0.001
10951	0
10952	0
10953	0
10954	0
10955	0.001
10956	0.001
10957	0
10958	0
10959	0
10960	0
10961	0
10962	0.001
10963	0
10964	0
10965	0
10966	0
10967	0
10968	0
10969	0
10970	0
10971	0
10972	0
10973	0
10974	0
10975	0
10976	0
10977	0.001
10978	0.002
10979	0
10980	0
10981	0
10982	0
10983	0
10984	0
10985	0
10986	0
10987	0
10988	0
10989	0
10990	0.001
10991	0
10992	0.001
10993	0
10994	0
10995	0
10996	0
10997	0
10998	0
10999	0
11000	0
11001	0
11002	0
11003	0
11004	0
11005	0
11006	0
11007	0
11008	0
11009	0
11010	0
11011	0.001
11012	0.001
11013	0.001
11014	0
11015	0
11016	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11017	0
11018	0
11019	0
11020	0
11021	0
11022	0
11023	0
11024	0
11025	0
11026	0
11027	0
11028	0
11029	0.001
11030	0
11031	0
11032	0.001
11033	0.001
11034	0.001
11035	0
11036	0
11037	0
11038	0
11039	0.001
11040	0.001
11041	0
11042	0
11043	0
11044	0
11045	0
11046	0
11047	0
11048	0
11049	0
11050	0
11051	0
11052	0
11053	0
11054	0
11055	0
11056	0.001
11057	0
11058	0.001
11059	0
11060	0
11061	0
11062	0
11063	0
11064	0
11065	0
11066	0
11067	0
11068	0.001
11069	0
11070	0
11071	0.001
11072	0
11073	0
11074	0
11075	0.001
11076	0.001
11077	0
11078	0.001
11079	0.001
11080	0.001
11081	0.001
11082	0
11083	0.002
11084	0.001
11085	0.003
11086	0.004
11087	0.001
11088	0
11089	0
11090	0.001
11091	0.001
11092	0.002
11093	0
11094	0
11095	0
11096	0
11097	0
11098	0
11099	0
11100	0
11101	0
11102	0
11103	0.001
11104	0.001
11105	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11106	0.001
11107	0.001
11108	0
11109	0
11110	0
11111	0.001
11112	0.001
11113	0.001
11114	0.001
11115	0
11116	0
11117	0
11118	0
11119	0
11120	0
11121	0
11122	0.001
11123	0
11124	0
11125	0
11126	0.001
11127	0
11128	0
11129	0.001
11130	0
11131	0.001
11132	0.001
11133	0
11134	0.001
11135	0
11136	0
11137	0
11138	0
11139	0
11140	0
11141	0
11142	0
11143	0
11144	0.001
11145	0.001
11146	0
11147	0
11148	0
11149	0
11150	0
11151	0
11152	0.001
11153	0
11154	0
11155	0
11156	0
11157	0
11158	0
11159	0
11160	0
11161	0
11162	0
11163	0
11164	0
11165	0
11166	0
11167	0.001
11168	0
11169	0.001
11170	0.001
11171	0
11172	0
11173	0
11174	0.001
11175	0.001
11176	0
11177	0.001
11178	0.001
11179	0
11180	0
11181	0
11182	0
11183	0
11184	0
11185	0
11186	0
11187	0
11188	0
11189	0
11190	0
11191	0
11192	0
11193	0
11194	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11195	0.001
11196	0
11197	0
11198	0.001
11199	0
11200	0
11201	0
11202	0.001
11203	0.001
11204	0
11205	0
11206	0
11207	0
11208	0
11209	0
11210	0.001
11211	0.001
11212	0
11213	0
11214	0
11215	0
11216	0
11217	0
11218	0.001
11219	0.001
11220	0
11221	0
11222	0
11223	0
11224	0
11225	0
11226	0
11227	0
11228	0
11229	0
11230	0
11231	0.001
11232	0
11233	0.001
11234	0.001
11235	0
11236	0
11237	0
11238	0.001
11239	0.001
11240	0
11241	0
11242	0
11243	0
11244	0
11245	0
11246	0.001
11247	0.001
11248	0
11249	0.001
11250	0.001
11251	0.001
11252	0
11253	0
11254	0.001
11255	0.001
11256	0.002
11257	0.001
11258	0
11259	0
11260	0
11261	0.001
11262	0
11263	0
11264	0
11265	0
11266	0
11267	0
11268	0
11269	0
11270	0
11271	0
11272	0
11273	0
11274	0.001
11275	0.001
11276	0
11277	0.001
11278	0
11279	0
11280	0
11281	0
11282	0.001
11283	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11284	0
11285	0.001
11286	0
11287	0
11288	0
11289	0
11290	0
11291	0
11292	0.001
11293	0.001
11294	0.001
11295	0.001
11296	0
11297	0
11298	0
11299	0
11300	0
11301	0
11302	0
11303	0
11304	0
11305	0
11306	0
11307	0
11308	0
11309	0
11310	0
11311	0
11312	0.001
11313	0
11314	0
11315	0
11316	0.001
11317	0
11318	0
11319	0
11320	0
11321	0
11322	0.001
11323	0.001
11324	0.001
11325	0.001
11326	0.001
11327	0.001
11328	0.001
11329	0.001
11330	0.001
11331	0.001
11332	0.001
11333	0.001
11334	0
11335	0
11336	0
11337	0
11338	0.001
11339	0.001
11340	0.001
11341	0
11342	0
11343	0.001
11344	0.001
11345	0.002
11346	0.001
11347	0.001
11348	0
11349	0
11350	0
11351	0
11352	0
11353	0
11354	0
11355	0
11356	0
11357	0
11358	0.001
11359	0.001
11360	0
11361	0
11362	0.001
11363	0.001
11364	0
11365	0
11366	0.001
11367	0.001
11368	0
11369	0
11370	0
11371	0
11372	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11373	0
11374	0
11375	0
11376	0
11377	0
11378	0
11379	0
11380	0
11381	0
11382	0.001
11383	0
11384	0
11385	0
11386	0
11387	0
11388	0
11389	0
11390	0
11391	0
11392	0
11393	0
11394	0
11395	0
11396	0
11397	0
11398	0
11399	0.002
11400	0
11401	0
11402	0.001
11403	0
11404	0.001
11405	0.001
11406	0.001
11407	0.001
11408	0.001
11409	0.001
11410	0.001
11411	0.001
11412	0.002
11413	0.002
11414	0.001
11415	0.001
11416	0.001
11417	0.001
11418	0.001
11419	0.001
11420	0
11421	0.001
11422	0.001
11423	0.001
11424	0.001
11425	0
11426	0
11427	0.001
11428	0.001
11429	0.001
11430	0
11431	0.001
11432	0.001
11433	0.001
11434	0.001
11435	0
11436	0
11437	0
11438	0
11439	0
11440	0.001
11441	0
11442	0
11443	0.002
11444	0.004
11445	0.002
11446	0
11447	0
11448	0
11449	0
11450	0
11451	0
11452	0
11453	0.001
11454	0.001
11455	0
11456	0.001
11457	0
11458	0
11459	0.001
11460	0
11461	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11462	0
11463	0
11464	0.001
11465	0.001
11466	0
11467	0
11468	0.001
11469	0.001
11470	0.001
11471	0.001
11472	0.001
11473	0.001
11474	0
11475	0
11476	0
11477	0.001
11478	0
11479	0
11480	0
11481	0.002
11482	0.001
11483	0
11484	0
11485	0
11486	0.001
11487	0
11488	0
11489	0
11490	0.001
11491	0.001
11492	0.001
11493	0
11494	0
11495	0
11496	0
11497	0
11498	0
11499	0
11500	0.001
11501	0.001
11502	0
11503	0
11504	0
11505	0
11506	0.001
11507	0
11508	0
11509	0
11510	0
11511	0
11512	0
11513	0.001
11514	0.001
11515	0
11516	0
11517	0
11518	0.001
11519	0.001
11520	0
11521	0.001
11522	0.001
11523	0.001
11524	0
11525	0
11526	0
11527	0.001
11528	0
11529	0
11530	0
11531	0
11532	0.001
11533	0.001
11534	0
11535	0
11536	0
11537	0
11538	0.001
11539	0
11540	0
11541	0
11542	0
11543	0
11544	0
11545	0
11546	0
11547	0
11548	0
11549	0
11550	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11551	0
11552	0
11553	0
11554	0
11555	0
11556	0
11557	0
11558	0
11559	0
11560	0
11561	0
11562	0
11563	0
11564	0
11565	0
11566	0
11567	0
11568	0
11569	0
11570	0
11571	0
11572	0
11573	0
11574	0
11575	0.001
11576	0
11577	0
11578	0
11579	0
11580	0
11581	0
11582	0
11583	0
11584	0
11585	0
11586	0
11587	0
11588	0
11589	0
11590	0
11591	0
11592	0
11593	0
11594	0
11595	0
11596	0
11597	0
11598	0
11599	0
11600	0
11601	0
11602	0
11603	0.001
11604	0.001
11605	0
11606	0
11607	0
11608	0
11609	0
11610	0
11611	0
11612	0
11613	0
11614	0
11615	0
11616	0
11617	0
11618	0
11619	0
11620	0
11621	0.001
11622	0
11623	0.001
11624	0.001
11625	0
11626	0
11627	0
11628	0.001
11629	0
11630	0
11631	0
11632	0.001
11633	0.001
11634	0.001
11635	0.001
11636	0.002
11637	0.001
11638	0
11639	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11640	0
11641	0
11642	0
11643	0
11644	0
11645	0
11646	0.001
11647	0.001
11648	0
11649	0
11650	0
11651	0
11652	0
11653	0
11654	0
11655	0
11656	0
11657	0
11658	0.001
11659	0
11660	0
11661	0
11662	0
11663	0
11664	0
11665	0
11666	0
11667	0
11668	0
11669	0
11670	0.001
11671	0
11672	0.001
11673	0
11674	0.001
11675	0.001
11676	0.001
11677	0.001
11678	0.001
11679	0
11680	0
11681	0
11682	0
11683	0.001
11684	0
11685	0
11686	0
11687	0
11688	0
11689	0
11690	0
11691	0
11692	0
11693	0
11694	0
11695	0
11696	0
11697	0
11698	0
11699	0
11700	0
11701	0
11702	0
11703	0
11704	0
11705	0
11706	0
11707	0
11708	0
11709	0
11710	0
11711	0
11712	0
11713	0.001
11714	0
11715	0
11716	0
11717	0
11718	0
11719	0
11720	0
11721	0
11722	0
11723	0
11724	0.001
11725	0
11726	0
11727	0
11728	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11729	0
11730	0
11731	0
11732	0
11733	0
11734	0
11735	0
11736	0
11737	0
11738	0
11739	0
11740	0
11741	0
11742	0
11743	0
11744	0
11745	0
11746	0
11747	0
11748	0
11749	0
11750	0
11751	0
11752	0
11753	0
11754	0
11755	0.001
11756	0
11757	0
11758	0
11759	0
11760	0.001
11761	0.001
11762	0
11763	0
11764	0
11765	0
11766	0
11767	0
11768	0
11769	0
11770	0
11771	0
11772	0.001
11773	0
11774	0
11775	0
11776	0
11777	0
11778	0
11779	0
11780	0
11781	0
11782	0
11783	0
11784	0
11785	0
11786	0
11787	0
11788	0
11789	0
11790	0
11791	0
11792	0
11793	0
11794	0
11795	0
11796	0
11797	0
11798	0
11799	0
11800	0
11801	0
11802	0
11803	0
11804	0
11805	0
11806	0
11807	0
11808	0
11809	0
11810	0
11811	0
11812	0
11813	0
11814	0
11815	0
11816	0
11817	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11818	0
11819	0
11820	0
11821	0
11822	0
11823	0
11824	0
11825	0
11826	0
11827	0.001
11828	0.001
11829	0
11830	0
11831	0
11832	0
11833	0
11834	0.001
11835	0.001
11836	0
11837	0
11838	0
11839	0
11840	0
11841	0.001
11842	0.001
11843	0
11844	0
11845	0
11846	0
11847	0
11848	0.001
11849	0.001
11850	0
11851	0
11852	0
11853	0
11854	0
11855	0
11856	0.001
11857	0.001
11858	0
11859	0
11860	0
11861	0
11862	0.001
11863	0.001
11864	0.001
11865	0.001
11866	0
11867	0
11868	0
11869	0
11870	0
11871	0.001
11872	0.001
11873	0
11874	0
11875	0
11876	0
11877	0
11878	0
11879	0
11880	0
11881	0
11882	0
11883	0
11884	0
11885	0
11886	0
11887	0
11888	0
11889	0
11890	0.003
11891	0.002
11892	0.001
11893	0.001
11894	0.002
11895	0
11896	0
11897	0
11898	0
11899	0
11900	0
11901	0
11902	0
11903	0
11904	0.001
11905	0
11906	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11907	0
11908	0
11909	0
11910	0
11911	0
11912	0
11913	0
11914	0
11915	0
11916	0
11917	0
11918	0
11919	0
11920	0
11921	0.001
11922	0
11923	0
11924	0
11925	0
11926	0
11927	0
11928	0
11929	0
11930	0
11931	0
11932	0
11933	0
11934	0
11935	0.001
11936	0.002
11937	0.001
11938	0
11939	0
11940	0
11941	0
11942	0
11943	0.001
11944	0.001
11945	0
11946	0
11947	0
11948	0
11949	0.001
11950	0.001
11951	0
11952	0
11953	0
11954	0
11955	0
11956	0
11957	0
11958	0
11959	0
11960	0
11961	0
11962	0
11963	0.001
11964	0
11965	0
11966	0
11967	0
11968	0
11969	0
11970	0
11971	0
11972	0
11973	0
11974	0
11975	0
11976	0.001
11977	0.001
11978	0
11979	0.001
11980	0
11981	0
11982	0
11983	0
11984	0
11985	0
11986	0
11987	0
11988	0
11989	0
11990	0
11991	0
11992	0
11993	0
11994	0
11995	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

11996	0
11997	0
11998	0
11999	0
12000	0
12001	0
12002	0
12003	0.001
12004	0.001
12005	0.001
12006	0.001
12007	0
12008	0
12009	0
12010	0
12011	0
12012	0
12013	0
12014	0.001
12015	0
12016	0
12017	0
12018	0
12019	0
12020	0.001
12021	0.001
12022	0
12023	0
12024	0
12025	0.001
12026	0.001
12027	0.001
12028	0.001
12029	0.002
12030	0.001
12031	0.001
12032	0.002
12033	0.001
12034	0.001
12035	0.001
12036	0
12037	0.001
12038	0.001
12039	0.001
12040	0.001
12041	0.001
12042	0.002
12043	0
12044	0.001
12045	0.002
12046	0.001
12047	0.001
12048	0.001
12049	0.002
12050	0.001
12051	0.001
12052	0.001
12053	0.002
12054	0.001
12055	0.001
12056	0
12057	0.001
12058	0.002
12059	0.002
12060	0.001
12061	0.001
12062	0.003
12063	0.003
12064	0.002
12065	0.002
12066	0.003
12067	0.001
12068	0.001
12069	0.001
12070	0.001
12071	0.001
12072	0.001
12073	0.001
12074	0.002
12075	0.002
12076	0.001
12077	0.002
12078	0.002
12079	0.001
12080	0.001
12081	0.001
12082	0.001
12083	0.001
12084	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12085	0.004
12086	0.006
12087	0.001
12088	0.001
12089	0.002
12090	0.002
12091	0.001
12092	0
12093	0.001
12094	0.001
12095	0.001
12096	0.001
12097	0
12098	0
12099	0.001
12100	0
12101	0
12102	0
12103	0.001
12104	0.001
12105	0.001
12106	0.002
12107	0.001
12108	0.001
12109	0.001
12110	0.001
12111	0.001
12112	0.001
12113	0.002
12114	0.002
12115	0.001
12116	0.001
12117	0.004
12118	0.002
12119	0.002
12120	0.004
12121	0.004
12122	0
12123	0.001
12124	0.002
12125	0.002
12126	0.001
12127	0.001
12128	0.001
12129	0.001
12130	0.001
12131	0.001
12132	0.003
12133	0.003
12134	0.001
12135	0
12136	0
12137	0.001
12138	0
12139	0.001
12140	0.001
12141	0.001
12142	0.002
12143	0
12144	0
12145	0
12146	0
12147	0
12148	0.001
12149	0.001
12150	0.001
12151	0.001
12152	0.001
12153	0
12154	0
12155	0.001
12156	0.001
12157	0.001
12158	0.001
12159	0.001
12160	0.001
12161	0.002
12162	0.003
12163	0.002
12164	0.002
12165	0.002
12166	0.001
12167	0.001
12168	0.002
12169	0.001
12170	0.001
12171	0.001
12172	0.001
12173	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12174	0.001
12175	0.001
12176	0.001
12177	0.001
12178	0.001
12179	0.001
12180	0.001
12181	0.001
12182	0.001
12183	0.001
12184	0.001
12185	0.001
12186	0.001
12187	0.002
12188	0.002
12189	0
12190	0.001
12191	0.002
12192	0.003
12193	0.002
12194	0.002
12195	0.002
12196	0.002
12197	0.001
12198	0.001
12199	0.001
12200	0.001
12201	0.001
12202	0.001
12203	0.001
12204	0.001
12205	0.001
12206	0.001
12207	0.001
12208	0.001
12209	0.001
12210	0.002
12211	0.001
12212	0.001
12213	0.001
12214	0.001
12215	0.001
12216	0.001
12217	0.001
12218	0.001
12219	0.001
12220	0.001
12221	0.001
12222	0.001
12223	0.002
12224	0.001
12225	0.001
12226	0.001
12227	0.001
12228	0.002
12229	0
12230	0
12231	0.001
12232	0
12233	0.001
12234	0.001
12235	0.001
12236	0.001
12237	0.001
12238	0
12239	0
12240	0
12241	0.001
12242	0.001
12243	0
12244	0
12245	0
12246	0.001
12247	0.001
12248	0.002
12249	0.001
12250	0.001
12251	0
12252	0
12253	0.001
12254	0
12255	0.001
12256	0.001
12257	0.001
12258	0.001
12259	0.001
12260	0
12261	0.001
12262	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12263	0.001
12264	0.001
12265	0.001
12266	0.001
12267	0
12268	0
12269	0
12270	0.001
12271	0.001
12272	0
12273	0.001
12274	0.001
12275	0.001
12276	0.001
12277	0.001
12278	0.001
12279	0.001
12280	0.001
12281	0.001
12282	0.003
12283	0.004
12284	0.001
12285	0.001
12286	0.001
12287	0.001
12288	0.001
12289	0.001
12290	0
12291	0
12292	0.002
12293	0.002
12294	0.006
12295	0.002
12296	0.002
12297	0
12298	0.001
12299	0.001
12300	0
12301	0.001
12302	0.001
12303	0
12304	0
12305	0
12306	0
12307	0
12308	0
12309	0
12310	0.001
12311	0
12312	0
12313	0
12314	0
12315	0.001
12316	0.001
12317	0
12318	0
12319	0
12320	0
12321	0
12322	0
12323	0.001
12324	0.001
12325	0
12326	0
12327	0.001
12328	0.001
12329	0
12330	0
12331	0.001
12332	0
12333	0
12334	0
12335	0.001
12336	0
12337	0
12338	0.001
12339	0.002
12340	0.003
12341	0
12342	0
12343	0
12344	0.001
12345	0
12346	0.004
12347	0.005
12348	0
12349	0
12350	0
12351	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12352	0
12353	0
12354	0.001
12355	0.001
12356	0
12357	0
12358	0
12359	0
12360	0.001
12361	0.001
12362	0
12363	0.001
12364	0.001
12365	0.001
12366	0.002
12367	0.004
12368	0.007
12369	0.006
12370	0.001
12371	0
12372	0
12373	0
12374	0
12375	0
12376	0.002
12377	0.003
12378	0
12379	0
12380	0
12381	0.001
12382	0
12383	0
12384	0
12385	0.003
12386	0.001
12387	0.003
12388	0.005
12389	0.003
12390	0.003
12391	0.003
12392	0
12393	0
12394	0
12395	0
12396	0.001
12397	0.001
12398	0.001
12399	0.001
12400	0.001
12401	0.001
12402	0.001
12403	0.003
12404	0.001
12405	0.002
12406	0.001
12407	0.001
12408	0.001
12409	0.001
12410	0.001
12411	0.002
12412	0
12413	0
12414	0.001
12415	0
12416	0
12417	0
12418	0
12419	0
12420	0
12421	0.001
12422	0.001
12423	0.002
12424	0.001
12425	0
12426	0.001
12427	0.001
12428	0.001
12429	0.006
12430	0.004
12431	0.003
12432	0.005
12433	0.006
12434	0.002
12435	0.003
12436	0.002
12437	0.003
12438	0.002
12439	0.001
12440	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12441	0.001
12442	0.001
12443	0.002
12444	0.005
12445	0.005
12446	0.003
12447	0.003
12448	0.003
12449	0.002
12450	0.002
12451	0.001
12452	0.001
12453	0
12454	0
12455	0.001
12456	0.001
12457	0.001
12458	0.006
12459	0.008
12460	0.001
12461	0.001
12462	0.001
12463	0.001
12464	0.001
12465	0
12466	0
12467	0.001
12468	0.001
12469	0.001
12470	0.002
12471	0.001
12472	0.001
12473	0.001
12474	0.001
12475	0.001
12476	0.001
12477	0.001
12478	0.005
12479	0.006
12480	0
12481	0.001
12482	0.001
12483	0.001
12484	0
12485	0
12486	0.001
12487	0.001
12488	0.001
12489	0.001
12490	0.001
12491	0.001
12492	0.001
12493	0.001
12494	0
12495	0
12496	0
12497	0.001
12498	0.002
12499	0.001
12500	0.001
12501	0
12502	0
12503	0
12504	0.001
12505	0
12506	0
12507	0
12508	0.001
12509	0.001
12510	0.001
12511	0.001
12512	0.001
12513	0.001
12514	0
12515	0
12516	0
12517	0
12518	0
12519	0
12520	0
12521	0
12522	0
12523	0
12524	0.003
12525	0.004
12526	0
12527	0
12528	0.002
12529	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12530	0.004
12531	0.01
12532	0.002
12533	0.003
12534	0.002
12535	0.002
12536	0.002
12537	0.002
12538	0.002
12539	0.001
12540	0.002
12541	0.001
12542	0
12543	0
12544	0
12545	0
12546	0
12547	0.001
12548	0.001
12549	0
12550	0
12551	0
12552	0.001
12553	0.002
12554	0.001
12555	0.001
12556	0.001
12557	0.001
12558	0.002
12559	0.001
12560	0.001
12561	0
12562	0.001
12563	0.001
12564	0.001
12565	0.001
12566	0.001
12567	0.003
12568	0.002
12569	0.001
12570	0.001
12571	0.002
12572	0.002
12573	0
12574	0.001
12575	0.002
12576	0.004
12577	0.004
12578	0.009
12579	0.01
12580	0.005
12581	0.003
12582	0.002
12583	0.001
12584	0.001
12585	0.001
12586	0.001
12587	0.001
12588	0.005
12589	0.004
12590	-0.002
12591	0
12592	0.001
12593	0.001
12594	0.001
12595	0.001
12596	0.001
12597	0.002
12598	0.002
12599	0
12600	0
12601	0.001
12602	0.001
12603	0.001
12604	0.001
12605	0.001
12606	0.001
12607	0.005
12608	0.001
12609	0
12610	0.001
12611	0.002
12612	0.002
12613	0
12614	0.001
12615	0.001
12616	0.001
12617	0.001
12618	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12619	0.001
12620	0
12621	0
12622	0.001
12623	0.001
12624	0.001
12625	0.002
12626	0.001
12627	0.001
12628	0
12629	0.001
12630	0.001
12631	0.004
12632	0.005
12633	0.001
12634	0.001
12635	0.002
12636	0.001
12637	0.001
12638	0.002
12639	0.002
12640	0.001
12641	0.002
12642	0.002
12643	0.001
12644	0.002
12645	0.001
12646	0.001
12647	0.001
12648	0.001
12649	0.001
12650	0.001
12651	0.001
12652	0.001
12653	0.001
12654	0.001
12655	0.001
12656	0.001
12657	0.001
12658	0.001
12659	0.001
12660	0.001
12661	0.001
12662	0.001
12663	0.001
12664	0.001
12665	0
12666	0
12667	0.001
12668	0.001
12669	0
12670	0
12671	0.001
12672	0.001
12673	0
12674	0.001
12675	0
12676	0
12677	0
12678	0
12679	0.001
12680	0.001
12681	0
12682	0.001
12683	0
12684	0.001
12685	0.001
12686	0.001
12687	0
12688	0.001
12689	0.001
12690	0.001
12691	0.002
12692	0.001
12693	0.001
12694	0.001
12695	0.003
12696	0.005
12697	0.003
12698	0.002
12699	0.001
12700	0.001
12701	0.001
12702	0.001
12703	0.001
12704	0
12705	0.001
12706	0.001
12707	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12708	0
12709	0
12710	0
12711	0.001
12712	0.001
12713	0
12714	0.001
12715	0
12716	0
12717	0.001
12718	0
12719	0
12720	0.001
12721	0.002
12722	0.001
12723	0
12724	0
12725	0
12726	0
12727	0
12728	0.001
12729	0.001
12730	0.001
12731	0.001
12732	0.001
12733	0.001
12734	0
12735	0.001
12736	0.001
12737	0.001
12738	0.001
12739	0.001
12740	0.001
12741	0.001
12742	0.001
12743	0
12744	0
12745	0
12746	0
12747	0
12748	0
12749	0
12750	0.001
12751	0.001
12752	0
12753	0
12754	0.001
12755	0
12756	0
12757	0.001
12758	0.001
12759	0.001
12760	0.001
12761	0
12762	0.001
12763	0.001
12764	0.001
12765	0.001
12766	0.001
12767	0
12768	0.001
12769	0.001
12770	0
12771	0.001
12772	0.001
12773	0
12774	0
12775	0.001
12776	0
12777	0.001
12778	0.001
12779	0
12780	0
12781	0.001
12782	0.001
12783	0
12784	0
12785	0
12786	0
12787	0.001
12788	0
12789	0
12790	0
12791	0.001
12792	0.001
12793	0
12794	0
12795	0.001
12796	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12797	0
12798	0
12799	0
12800	0
12801	0.001
12802	0.001
12803	0.001
12804	0.002
12805	0.001
12806	0.001
12807	0.002
12808	0.001
12809	0.001
12810	0
12811	0.001
12812	0.001
12813	0
12814	0
12815	0.001
12816	0.001
12817	0
12818	0
12819	0
12820	0
12821	0.001
12822	0
12823	0
12824	0.001
12825	0
12826	0
12827	0
12828	0
12829	0
12830	0.001
12831	0
12832	0
12833	0
12834	0.001
12835	0.002
12836	0.001
12837	0.001
12838	0.002
12839	0
12840	0.001
12841	0
12842	0
12843	0.001
12844	0.001
12845	0.001
12846	0.001
12847	0
12848	0
12849	0
12850	0.006
12851	0.007
12852	0
12853	0.001
12854	0.001
12855	0
12856	0.001
12857	0.001
12858	0.001
12859	0
12860	0
12861	0
12862	0.001
12863	0.001
12864	0
12865	0.001
12866	0.001
12867	0
12868	0
12869	0.001
12870	0.001
12871	0
12872	0.001
12873	0
12874	0
12875	0
12876	0
12877	0
12878	0.001
12879	0
12880	0
12881	0.001
12882	0.001
12883	0.001
12884	0
12885	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12886	0.001
12887	0
12888	0
12889	0
12890	0
12891	0
12892	0
12893	0.001
12894	0.001
12895	0
12896	0.002
12897	0
12898	0.001
12899	0.001
12900	0.004
12901	0.005
12902	0
12903	0.001
12904	0.001
12905	0.001
12906	0.004
12907	0
12908	0
12909	0.001
12910	0.001
12911	0
12912	0
12913	0.001
12914	0
12915	0
12916	0.001
12917	0.001
12918	0
12919	0.001
12920	0
12921	0
12922	0
12923	0
12924	0
12925	0.001
12926	0.001
12927	0.001
12928	0.001
12929	0.001
12930	0.001
12931	0.001
12932	0
12933	0
12934	0.001
12935	0.001
12936	0.001
12937	0
12938	0
12939	0.001
12940	0.001
12941	0
12942	0
12943	0
12944	0
12945	0
12946	0
12947	0
12948	0.001
12949	0
12950	0
12951	0
12952	0
12953	0
12954	0
12955	0.001
12956	0
12957	0.001
12958	0.001
12959	0
12960	0
12961	0
12962	0
12963	0
12964	0
12965	0
12966	0
12967	0
12968	0
12969	0
12970	0
12971	0
12972	0
12973	0
12974	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

12975	0
12976	0
12977	0.002
12978	0.002
12979	0.001
12980	0.001
12981	0
12982	0
12983	0
12984	0
12985	0
12986	0
12987	0
12988	0
12989	0.001
12990	0
12991	0
12992	0
12993	0
12994	0
12995	0
12996	0
12997	0
12998	0
12999	0
13000	0
13001	0
13002	0
13003	0
13004	0
13005	0
13006	0
13007	0
13008	0
13009	0.001
13010	0
13011	0
13012	0
13013	0
13014	0
13015	0
13016	0.001
13017	0
13018	0
13019	0
13020	0.001
13021	0.001
13022	0.001
13023	0.001
13024	0.001
13025	0
13026	0
13027	0.001
13028	0
13029	0
13030	0
13031	0
13032	0.001
13033	0
13034	0
13035	0
13036	0
13037	0.001
13038	0.002
13039	0
13040	0.001
13041	0
13042	0.001
13043	0
13044	0
13045	0.002
13046	0.003
13047	0
13048	0
13049	0.001
13050	0.001
13051	0.002
13052	0.002
13053	0.002
13054	0.002
13055	0.002
13056	0.001
13057	0.001
13058	0.001
13059	0.002
13060	0.001
13061	0.001
13062	0
13063	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13064	0
13065	0.001
13066	0.001
13067	0.001
13068	0.001
13069	0
13070	0
13071	0
13072	0.001
13073	0.002
13074	0.001
13075	0.001
13076	0.001
13077	0.001
13078	0.001
13079	0.002
13080	0.002
13081	0.001
13082	0.001
13083	0.001
13084	0.002
13085	0.001
13086	0.001
13087	0.001
13088	0.001
13089	0.001
13090	0.001
13091	0.001
13092	0.001
13093	0.002
13094	0.001
13095	0.001
13096	0.001
13097	0.001
13098	0.001
13099	0.001
13100	0.001
13101	0.001
13102	0.001
13103	0.001
13104	0.002
13105	0.002
13106	0.002
13107	0.001
13108	0.001
13109	0.001
13110	0.001
13111	0.001
13112	0
13113	0.001
13114	0
13115	0
13116	0
13117	0
13118	0
13119	0
13120	0
13121	0
13122	0
13123	0
13124	0
13125	0
13126	0
13127	0
13128	0
13129	0
13130	0.001
13131	0
13132	0
13133	0
13134	0
13135	0
13136	0
13137	0
13138	0
13139	0
13140	0
13141	0
13142	0
13143	0
13144	0
13145	0.001
13146	0
13147	0
13148	0
13149	0
13150	0
13151	0
13152	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13153	0
13154	0
13155	0
13156	0
13157	0
13158	0.001
13159	0.001
13160	0
13161	0
13162	0
13163	0
13164	0
13165	0
13166	0
13167	0.001
13168	0.001
13169	0.001
13170	0.001
13171	0.001
13172	0.001
13173	0.001
13174	0.001
13175	0.001
13176	0.001
13177	0
13178	0
13179	0.001
13180	0.002
13181	0.003
13182	0.003
13183	0.003
13184	0.003
13185	0.002
13186	0.003
13187	0.003
13188	0.001
13189	0.002
13190	0.002
13191	0.003
13192	0.003
13193	0.003
13194	0.003
13195	0.003
13196	0.003
13197	0.003
13198	0.004
13199	0.004
13200	0.003
13201	0.002
13202	0.003
13203	0.001
13204	0.001
13205	0.001
13206	0.001
13207	0.001
13208	0.001
13209	0.001
13210	0.002
13211	0.001
13212	0.001
13213	0.002
13214	0.002
13215	0.002
13216	0.002
13217	0.003
13218	0.003
13219	0.004
13220	0.005
13221	0.004
13222	0.003
13223	0.005
13224	0.005
13225	0.003
13226	0.002
13227	0.002
13228	0.002
13229	0.002
13230	0.002
13231	0.002
13232	0.002
13233	0.002
13234	0.001
13235	0.002
13236	0.002
13237	0.001
13238	0.001
13239	0.001
13240	0.001
13241	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13242	0
13243	0.001
13244	0.001
13245	0
13246	0.001
13247	0.002
13248	0.002
13249	0.002
13250	0.002
13251	0.002
13252	0.002
13253	0.002
13254	0.001
13255	0.001
13256	0.001
13257	0.002
13258	0.001
13259	0.002
13260	0.002
13261	0.002
13262	0.001
13263	0.001
13264	0.002
13265	0.002
13266	0.002
13267	0.002
13268	0.001
13269	0.002
13270	0.002
13271	0.002
13272	0.001
13273	0.001
13274	0.002
13275	0.002
13276	0.001
13277	0.001
13278	0.002
13279	0.001
13280	0.001
13281	0.001
13282	0.001
13283	0.002
13284	0.001
13285	0
13286	0.001
13287	0.001
13288	0.001
13289	0.001
13290	0.001
13291	0.001
13292	0.001
13293	0
13294	0.001
13295	0.001
13296	0.001
13297	0.001
13298	0.001
13299	0.003
13300	0.003
13301	0.001
13302	0.001
13303	0
13304	0
13305	0.001
13306	0.001
13307	0.001
13308	0.001
13309	0.001
13310	0.001
13311	0
13312	0
13313	0
13314	0.001
13315	0.001
13316	0.001
13317	0.001
13318	0
13319	0
13320	0.001
13321	0.001
13322	0
13323	0
13324	0.001
13325	0
13326	0
13327	0
13328	0.001
13329	0.001
13330	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13331	0.001
13332	0.001
13333	0.001
13334	0.001
13335	0.001
13336	0.001
13337	0.002
13338	0.003
13339	0.001
13340	0.001
13341	0.001
13342	0.001
13343	0.001
13344	0
13345	0
13346	0.001
13347	0
13348	0
13349	0
13350	0.001
13351	0.001
13352	0.001
13353	0
13354	0.001
13355	0.001
13356	0.001
13357	0.001
13358	0.001
13359	0.001
13360	0.001
13361	0.001
13362	0
13363	0
13364	0.001
13365	0.001
13366	0.001
13367	0.001
13368	0.001
13369	0
13370	0
13371	0
13372	0
13373	0.001
13374	0.001
13375	0.001
13376	0
13377	0
13378	0.001
13379	0.002
13380	0
13381	0
13382	0
13383	0.001
13384	0.001
13385	0.001
13386	0.001
13387	0.001
13388	0.001
13389	0.001
13390	0
13391	0
13392	0.001
13393	0.002
13394	0.001
13395	0
13396	0
13397	0.001
13398	0.001
13399	0
13400	0.001
13401	0.001
13402	0.001
13403	0.001
13404	0
13405	0.001
13406	0.001
13407	0
13408	0
13409	0.001
13410	0.002
13411	0.002
13412	0.001
13413	0.001
13414	0
13415	0.001
13416	0
13417	0
13418	0
13419	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13420	0
13421	0
13422	0.001
13423	0
13424	0.001
13425	0.001
13426	0
13427	0
13428	0
13429	0
13430	0
13431	0
13432	0
13433	0
13434	0
13435	0
13436	0
13437	0
13438	0
13439	0
13440	0
13441	0
13442	0
13443	0.001
13444	0.001
13445	0.001
13446	0.001
13447	0.001
13448	0.001
13449	0
13450	0
13451	0.001
13452	0.002
13453	0.001
13454	0.001
13455	0.001
13456	0
13457	0
13458	0
13459	0.001
13460	0.005
13461	0.005
13462	0.002
13463	0.001
13464	0
13465	0.001
13466	0.001
13467	0.002
13468	0.003
13469	0.002
13470	0.001
13471	0.001
13472	0.001
13473	0.001
13474	0.001
13475	0.001
13476	0.001
13477	0.001
13478	0.001
13479	0.002
13480	0.002
13481	0.001
13482	0.001
13483	0.001
13484	0
13485	0
13486	0.001
13487	0.001
13488	0.001
13489	0
13490	0
13491	0.001
13492	0.001
13493	0
13494	0
13495	0.001
13496	0.001
13497	0.001
13498	0.002
13499	0.003
13500	0.002
13501	0.002
13502	0.002
13503	0.001
13504	0.001
13505	0.001
13506	0.001
13507	0.001
13508	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13509	0.001
13510	0.002
13511	0.001
13512	0.001
13513	0.001
13514	0.003
13515	0.004
13516	0.001
13517	0.001
13518	0.001
13519	0.001
13520	0.001
13521	0.002
13522	0.003
13523	0.002
13524	0.002
13525	0.002
13526	0.001
13527	0.002
13528	0.003
13529	0.003
13530	0.001
13531	0.001
13532	0.001
13533	0.001
13534	0
13535	0.001
13536	0.001
13537	0
13538	0.001
13539	0
13540	0
13541	0
13542	0
13543	0
13544	0
13545	0.001
13546	0.001
13547	0
13548	0.001
13549	0
13550	0
13551	0
13552	0
13553	0
13554	0
13555	0.001
13556	0
13557	0
13558	0
13559	0
13560	0
13561	0
13562	0
13563	0.001
13564	0.001
13565	0
13566	0
13567	0.001
13568	0.001
13569	0.001
13570	0
13571	0
13572	0.001
13573	0.001
13574	0.001
13575	0.001
13576	0.001
13577	0.001
13578	0.001
13579	0.001
13580	0.001
13581	0.001
13582	0.001
13583	0.001
13584	0
13585	0
13586	0
13587	0
13588	0.001
13589	0.001
13590	0
13591	0.001
13592	0.001
13593	0.001
13594	0
13595	0
13596	0
13597	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13598	0.002
13599	0.002
13600	0.001
13601	0.001
13602	0.002
13603	0.002
13604	0
13605	0
13606	0
13607	0
13608	0.001
13609	0
13610	0
13611	0
13612	0
13613	0
13614	0.001
13615	0.001
13616	0
13617	0
13618	0
13619	0
13620	0
13621	0.001
13622	0
13623	0
13624	0.001
13625	0
13626	0
13627	0.001
13628	0.002
13629	0.001
13630	0.001
13631	0.001
13632	0
13633	0.001
13634	0.001
13635	0.001
13636	0
13637	0
13638	0
13639	0
13640	0
13641	0
13642	0
13643	0.001
13644	0.001
13645	0.001
13646	0
13647	0
13648	0
13649	0
13650	0.001
13651	0.001
13652	0.001
13653	0.001
13654	0
13655	0
13656	0
13657	0
13658	0
13659	0
13660	0.001
13661	0.001
13662	0
13663	0
13664	0.001
13665	0.001
13666	0
13667	0
13668	0.001
13669	0.001
13670	0.001
13671	0.001
13672	0.001
13673	0.001
13674	0
13675	0.001
13676	0.001
13677	0
13678	0
13679	0
13680	0.001
13681	0.004
13682	0.005
13683	0.004
13684	0.003
13685	0.002
13686	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13687	0
13688	0
13689	0.001
13690	0.001
13691	0.001
13692	0.001
13693	0
13694	0.001
13695	0.001
13696	0.001
13697	0
13698	0
13699	0.001
13700	0.001
13701	0.001
13702	0.001
13703	0.002
13704	0.001
13705	0.001
13706	0.001
13707	0.001
13708	0
13709	0
13710	0.001
13711	0.001
13712	0.001
13713	0
13714	0.001
13715	0.002
13716	0
13717	0.001
13718	0.001
13719	0
13720	0.001
13721	0.001
13722	0
13723	0
13724	0
13725	0.001
13726	0.002
13727	0.001
13728	0.001
13729	0
13730	0
13731	0
13732	0
13733	0.003
13734	0
13735	0.001
13736	0
13737	0
13738	0
13739	0
13740	0
13741	0.004
13742	0.005
13743	0
13744	0
13745	0
13746	0.001
13747	0
13748	0
13749	0.001
13750	0.002
13751	0
13752	0.001
13753	0
13754	0
13755	0.001
13756	0.002
13757	0
13758	0
13759	0
13760	0
13761	0
13762	0.001
13763	0
13764	0.001
13765	0.001
13766	0
13767	0
13768	0.002
13769	0.002
13770	0
13771	0
13772	0
13773	0
13774	0
13775	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13776	0
13777	0.001
13778	0.003
13779	0.004
13780	0.004
13781	0.006
13782	0.003
13783	0.002
13784	0.003
13785	0.001
13786	0
13787	0.001
13788	0.001
13789	0
13790	0
13791	0
13792	0
13793	0
13794	0.001
13795	0.002
13796	0.003
13797	0.001
13798	0.002
13799	0.001
13800	0.001
13801	0
13802	0
13803	0
13804	0
13805	0
13806	0
13807	0
13808	0.001
13809	0
13810	0
13811	0
13812	0
13813	0.001
13814	0
13815	0
13816	0.002
13817	0.003
13818	0.001
13819	0.001
13820	0.001
13821	0
13822	0
13823	0.002
13824	0.003
13825	0
13826	0.001
13827	0.001
13828	0.001
13829	0.001
13830	0
13831	0.001
13832	0.001
13833	0
13834	0.001
13835	0
13836	0.001
13837	0.002
13838	0.001
13839	0
13840	0
13841	0.001
13842	0.001
13843	0
13844	0
13845	0.002
13846	0
13847	0
13848	0.001
13849	0
13850	0
13851	0.002
13852	0.004
13853	0
13854	0
13855	0
13856	0
13857	0
13858	0.001
13859	0
13860	0
13861	0.001
13862	0
13863	0
13864	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13865	0.001
13866	0.002
13867	0
13868	0
13869	0
13870	0
13871	0
13872	0
13873	0
13874	0.001
13875	0.001
13876	0
13877	0
13878	0
13879	0
13880	0
13881	0
13882	0
13883	0.001
13884	0.001
13885	0
13886	0
13887	0
13888	0
13889	0
13890	0
13891	0
13892	0
13893	0
13894	0
13895	0
13896	0
13897	0
13898	0
13899	0
13900	0
13901	0
13902	0
13903	0
13904	0
13905	0
13906	0
13907	0
13908	0.001
13909	0.001
13910	0
13911	0
13912	0
13913	0
13914	0
13915	0
13916	0
13917	0.001
13918	0
13919	0
13920	0
13921	0
13922	0.001
13923	0.001
13924	0
13925	0
13926	0
13927	0
13928	0
13929	0
13930	0
13931	0
13932	0
13933	0
13934	0
13935	0
13936	0.001
13937	0
13938	0
13939	0
13940	0
13941	0.001
13942	0.001
13943	0
13944	0
13945	0
13946	0
13947	0
13948	0.001
13949	0
13950	0
13951	0
13952	0
13953	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

13954	0
13955	0
13956	0
13957	0
13958	0
13959	0
13960	0
13961	0
13962	0
13963	0
13964	0
13965	0
13966	0
13967	0
13968	0
13969	0
13970	0
13971	0
13972	0
13973	0
13974	0
13975	0
13976	0.001
13977	0
13978	0
13979	0
13980	0
13981	0
13982	0
13983	0
13984	0
13985	0
13986	0
13987	0.001
13988	0
13989	0.001
13990	0
13991	0
13992	0
13993	0
13994	0
13995	0
13996	0
13997	0
13998	0
13999	0
14000	0
14001	0
14002	0.001
14003	0
14004	0
14005	0
14006	0
14007	0
14008	0
14009	0
14010	0
14011	0.001
14012	0
14013	0
14014	0
14015	0
14016	0
14017	0.001
14018	0
14019	0
14020	0
14021	0
14022	0
14023	0
14024	0.007
14025	0.008
14026	0
14027	0
14028	0
14029	0
14030	0
14031	0
14032	0
14033	0
14034	0
14035	0.001
14036	0
14037	0
14038	0
14039	0
14040	0
14041	0
14042	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14043	0.001
14044	0.001
14045	0.001
14046	0.001
14047	0.001
14048	0.002
14049	0.002
14050	0.001
14051	0.001
14052	0.001
14053	0.001
14054	0
14055	0
14056	0
14057	0
14058	0
14059	0
14060	0.001
14061	0.001
14062	0
14063	0
14064	0.001
14065	0.002
14066	0.002
14067	0.002
14068	0.001
14069	0.001
14070	0.001
14071	0.002
14072	0.001
14073	0.001
14074	0.002
14075	0.001
14076	0.001
14077	0.001
14078	0
14079	0.001
14080	0.001
14081	0.001
14082	0.001
14083	0
14084	0
14085	0.001
14086	0.002
14087	0.002
14088	0
14089	0.001
14090	0.001
14091	0.001
14092	0
14093	0.001
14094	0.001
14095	0.001
14096	0.001
14097	0.001
14098	0.001
14099	0
14100	0
14101	0
14102	0.001
14103	0
14104	0.001
14105	0.001
14106	0
14107	0.003
14108	0
14109	0.001
14110	0.002
14111	0
14112	0
14113	0
14114	0
14115	0
14116	0.001
14117	0
14118	0
14119	0
14120	0
14121	0.001
14122	0.001
14123	0
14124	0
14125	0
14126	0
14127	0.001
14128	0.001
14129	0.001
14130	0.001
14131	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14132	0.001
14133	0.001
14134	0.001
14135	0.001
14136	0
14137	0
14138	0
14139	0.001
14140	0.002
14141	0
14142	0
14143	0
14144	0
14145	0
14146	0
14147	0
14148	0
14149	0.001
14150	0
14151	0
14152	0
14153	0.001
14154	0.001
14155	0.001
14156	0.001
14157	0.001
14158	0.001
14159	0.002
14160	0.001
14161	0.001
14162	0
14163	0.001
14164	0.002
14165	0.003
14166	0.005
14167	0.005
14168	0.006
14169	0.009
14170	0.014
14171	0.007
14172	0.004
14173	0.005
14174	0.005
14175	0.001
14176	0.001
14177	0.002
14178	0.001
14179	0.001
14180	0.001
14181	0.001
14182	0.001
14183	0.001
14184	0.001
14185	0.001
14186	0.001
14187	0
14188	0
14189	0
14190	0
14191	0
14192	0.001
14193	0.001
14194	0
14195	0
14196	0
14197	0
14198	0
14199	0.001
14200	0
14201	0
14202	0
14203	0
14204	0
14205	0
14206	0
14207	0
14208	0.001
14209	0
14210	0
14211	0
14212	0
14213	0
14214	0
14215	0
14216	0
14217	0
14218	0
14219	0
14220	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14221	0.001
14222	0
14223	0
14224	0
14225	0
14226	0
14227	0
14228	0.001
14229	0
14230	0
14231	0
14232	0
14233	0
14234	0
14235	0
14236	0.001
14237	0.001
14238	0.001
14239	0
14240	0.001
14241	0.005
14242	0.002
14243	0.001
14244	0.002
14245	0.002
14246	0
14247	0.001
14248	0.001
14249	0
14250	0
14251	0.001
14252	0.001
14253	0
14254	0.001
14255	0.001
14256	0.001
14257	0.002
14258	0.002
14259	0.001
14260	0
14261	0
14262	0.001
14263	0.001
14264	0.004
14265	0.018
14266	0.031
14267	0.019
14268	0.008
14269	0.005
14270	0.005
14271	0.009
14272	0.01
14273	0.007
14274	0.004
14275	0.002
14276	0.003
14277	0.004
14278	0.004
14279	0.005
14280	0.007
14281	0.007
14282	0.003
14283	0.001
14284	0
14285	0.001
14286	0.001
14287	0
14288	0
14289	0.001
14290	0.001
14291	0.001
14292	0.001
14293	0.001
14294	0.001
14295	0.002
14296	0.001
14297	0
14298	0
14299	0.001
14300	0
14301	0
14302	0
14303	0
14304	0
14305	0.002
14306	0.004
14307	0.004
14308	0.005
14309	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14310	0.001
14311	0.004
14312	0.01
14313	0.015
14314	0.018
14315	0.016
14316	0.013
14317	0.013
14318	0.014
14319	0.013
14320	0.013
14321	0.015
14322	0.017
14323	0.018
14324	0.018
14325	0.019
14326	0.02
14327	0.02
14328	0.019
14329	0.017
14330	0.014
14331	0.012
14332	0.011
14333	0.008
14334	0.006
14335	0.005
14336	0.003
14337	0.002
14338	0.002
14339	0.003
14340	0.003
14341	0.003
14342	0.002
14343	0.002
14344	0.003
14345	0.003
14346	0.002
14347	0.002
14348	0.002
14349	0
14350	0.001
14351	0.001
14352	0.001
14353	0.002
14354	0.002
14355	0.003
14356	0.004
14357	0.003
14358	0.003
14359	0.003
14360	0.003
14361	0.002
14362	0.002
14363	0.002
14364	0.003
14365	0.003
14366	0.003
14367	0.003
14368	0.002
14369	0.002
14370	0.003
14371	0.004
14372	0.002
14373	0.003
14374	0.003
14375	0.003
14376	0.004
14377	0.002
14378	0.002
14379	0.005
14380	0.003
14381	0.004
14382	0.004
14383	0.005
14384	0.008
14385	0.009
14386	0.008
14387	0.008
14388	0.012
14389	0.012
14390	0.002
14391	0.008
14392	0.006
14393	0.006
14394	0.006
14395	0.005
14396	0.006
14397	0.006
14398	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14399	0.004
14400	0.006
14401	0.009
14402	0.007
14403	0.01
14404	0.012
14405	0.012
14406	0.009
14407	0.009
14408	0.014
14409	0.019
14410	0.016
14411	0.017
14412	0.013
14413	0.011
14414	0.011
14415	0.013
14416	0.011
14417	0.011
14418	0.01
14419	0.008
14420	0.006
14421	0.004
14422	0.005
14423	0.005
14424	0.004
14425	0.001
14426	0.001
14427	0.002
14428	0.001
14429	0.001
14430	0
14431	0
14432	0.001
14433	0
14434	0
14435	0
14436	0.001
14437	0.001
14438	0.002
14439	0.002
14440	0.002
14441	0.003
14442	0.004
14443	0.005
14444	0.004
14445	0.003
14446	0.002
14447	0.001
14448	0.001
14449	0.002
14450	0
14451	0
14452	0.001
14453	0.002
14454	0.001
14455	0.001
14456	0.002
14457	0.001
14458	0.002
14459	0.003
14460	0.002
14461	0.002
14462	0.001
14463	0
14464	0
14465	0.002
14466	0.005
14467	0.004
14468	0.003
14469	0.01
14470	0.02
14471	0.023
14472	0.022
14473	0.02
14474	0.018
14475	0.009
14476	0.006
14477	0.004
14478	0.001
14479	0
14480	0
14481	0.001
14482	0.001
14483	0.001
14484	0.001
14485	0.001
14486	0
14487	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14488	0
14489	0
14490	0.001
14491	0
14492	0
14493	0
14494	0
14495	0
14496	0
14497	0
14498	0.001
14499	0.001
14500	0.001
14501	0
14502	0.001
14503	0.002
14504	0.001
14505	0.001
14506	0.001
14507	0.001
14508	0.001
14509	0.001
14510	0.001
14511	0.001
14512	0.001
14513	0.002
14514	0.002
14515	0.001
14516	0.001
14517	0.001
14518	0.001
14519	0
14520	0
14521	0.001
14522	0.001
14523	0
14524	0.001
14525	0
14526	0
14527	0
14528	0
14529	0
14530	0
14531	0
14532	0
14533	0
14534	0
14535	0.001
14536	0
14537	0.001
14538	0
14539	0
14540	0
14541	0
14542	0
14543	0.001
14544	0
14545	0
14546	0
14547	0
14548	0
14549	0
14550	0
14551	0
14552	0
14553	0.003
14554	0.004
14555	0
14556	0
14557	0
14558	0.001
14559	0
14560	0
14561	0
14562	0
14563	0
14564	0.001
14565	0.001
14566	0.002
14567	0.003
14568	0
14569	0
14570	0.001
14571	0.001
14572	0.001
14573	0.001
14574	0.001
14575	0.001
14576	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14577	0.001
14578	0.001
14579	0.001
14580	0.001
14581	0.001
14582	0.001
14583	0.001
14584	0.001
14585	0.002
14586	0.001
14587	0
14588	0
14589	0
14590	0
14591	0
14592	0
14593	0
14594	0
14595	0
14596	0
14597	0
14598	0
14599	0
14600	0.001
14601	0.001
14602	0
14603	0
14604	0.001
14605	0.002
14606	0
14607	0.001
14608	0.001
14609	0
14610	0
14611	0
14612	0.001
14613	0
14614	0
14615	0
14616	0
14617	0
14618	0
14619	0
14620	0
14621	0.001
14622	0
14623	0
14624	0
14625	0
14626	0
14627	0
14628	0.001
14629	0.001
14630	0.001
14631	0.002
14632	0.002
14633	0
14634	0
14635	0
14636	0
14637	0
14638	0
14639	0
14640	0.001
14641	0
14642	0
14643	0
14644	0
14645	0
14646	0
14647	0.001
14648	0.001
14649	0
14650	0
14651	0
14652	0
14653	0
14654	0.001
14655	0
14656	0
14657	0.001
14658	0.001
14659	0.001
14660	0.001
14661	0.001
14662	0.002
14663	0.001
14664	0.001
14665	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14666	0.001
14667	0.003
14668	0.003
14669	0.003
14670	0.004
14671	0.004
14672	0.006
14673	0.006
14674	0.004
14675	0.004
14676	0.005
14677	0.006
14678	0.003
14679	0.002
14680	0.004
14681	0.005
14682	0.005
14683	0.003
14684	0.002
14685	0.001
14686	0
14687	0.001
14688	0
14689	0.001
14690	0.001
14691	0
14692	0
14693	0.001
14694	0.002
14695	0.002
14696	0
14697	0.001
14698	0.001
14699	0
14700	0
14701	0
14702	0.001
14703	0
14704	0.001
14705	0
14706	0
14707	0
14708	0
14709	0
14710	0
14711	0
14712	0.001
14713	0
14714	0
14715	0
14716	0
14717	0
14718	0.001
14719	0.001
14720	0
14721	0
14722	0
14723	0
14724	0
14725	0.001
14726	0
14727	0
14728	0
14729	0.001
14730	0
14731	0
14732	0
14733	0
14734	0
14735	0
14736	0
14737	0
14738	0
14739	0.001
14740	0
14741	0.001
14742	0.001
14743	0.002
14744	0.001
14745	0
14746	0
14747	0.001
14748	0.001
14749	0.002
14750	0.001
14751	0.001
14752	0
14753	0.001
14754	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14755	0.001
14756	0.001
14757	0
14758	0
14759	0
14760	0
14761	0
14762	0
14763	0
14764	0.001
14765	0.001
14766	0.001
14767	0
14768	0.001
14769	0
14770	0.001
14771	0.001
14772	0.003
14773	0.004
14774	0.001
14775	0
14776	0
14777	0.001
14778	0.001
14779	0
14780	0
14781	0
14782	0
14783	0
14784	0
14785	0
14786	0
14787	0
14788	0.001
14789	0.001
14790	0
14791	0
14792	0
14793	0
14794	0
14795	0
14796	0.001
14797	0.002
14798	0.001
14799	0.003
14800	0.003
14801	0.009
14802	0.008
14803	0.013
14804	0.015
14805	0.001
14806	0.004
14807	0.004
14808	0.003
14809	0.001
14810	0
14811	0
14812	0
14813	0
14814	0
14815	0
14816	0
14817	0
14818	0
14819	0
14820	0
14821	0
14822	0
14823	0
14824	0
14825	0
14826	0.001
14827	0.001
14828	0
14829	0
14830	0
14831	0
14832	0
14833	0
14834	0.001
14835	0.002
14836	0.001
14837	0.001
14838	0.001
14839	0.001
14840	0.001
14841	0.001
14842	0.001
14843	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14844	0.001
14845	0.001
14846	0.001
14847	0.001
14848	0
14849	0
14850	0.001
14851	0.001
14852	0.001
14853	0.001
14854	0
14855	0
14856	0
14857	0
14858	0
14859	0.001
14860	0.003
14861	0.005
14862	0.005
14863	0.004
14864	0.002
14865	0.001
14866	0.001
14867	0.001
14868	0
14869	0.003
14870	0.002
14871	0.001
14872	0.001
14873	0.001
14874	0
14875	0
14876	0.001
14877	0.001
14878	0
14879	0
14880	0.001
14881	0.001
14882	0
14883	0
14884	0
14885	0
14886	0.001
14887	0
14888	0
14889	0
14890	0
14891	0
14892	0
14893	0.001
14894	0
14895	0
14896	0.001
14897	0.001
14898	0.001
14899	0.002
14900	0.003
14901	0.003
14902	0.002
14903	0.002
14904	0.002
14905	0.001
14906	0.001
14907	0.001
14908	0.002
14909	0.001
14910	0.002
14911	0.003
14912	0.003
14913	0.003
14914	0.003
14915	0.002
14916	0.002
14917	0.003
14918	0.004
14919	0.003
14920	0.004
14921	0.005
14922	0.005
14923	0.005
14924	0.006
14925	0.005
14926	0.007
14927	0.005
14928	0.004
14929	0.003
14930	0.004
14931	0.004
14932	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

14933	0.004
14934	0.003
14935	0.004
14936	0.004
14937	0.004
14938	0.005
14939	0.004
14940	0.004
14941	0.003
14942	0.003
14943	0.005
14944	0.006
14945	0.007
14946	0.009
14947	0.01
14948	0.01
14949	0.009
14950	0.008
14951	0.009
14952	0.009
14953	0.009
14954	0.008
14955	0.006
14956	0.005
14957	0.003
14958	0.003
14959	0.004
14960	0.004
14961	0.003
14962	0.003
14963	0.002
14964	0.003
14965	0.001
14966	0.001
14967	0
14968	0
14969	0
14970	0.001
14971	0
14972	0
14973	0
14974	0.002
14975	0.002
14976	0.001
14977	0
14978	0.002
14979	0.002
14980	0.001
14981	0.001
14982	0.001
14983	0.001
14984	0.004
14985	0.005
14986	0.002
14987	0.003
14988	0.003
14989	0.002
14990	0.001
14991	0.001
14992	0.001
14993	0.001
14994	0.001
14995	0.001
14996	0.001
14997	0.001
14998	0.006
14999	0.022
15000	0.036
15001	0.034
15002	0.045
15003	0.062
15004	0.067
15005	0.092
15006	0.095
15007	0.08
15008	0.057
15009	0.037
15010	0.026
15011	0.02
15012	0.016
15013	0.013
15014	0.011
15015	0.008
15016	0.004
15017	0.001
15018	0.001
15019	0.001
15020	0.002
15021	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15022	0.006
15023	0.007
15024	0.008
15025	0.007
15026	0.01
15027	0.014
15028	0.014
15029	0.013
15030	0.012
15031	0.012
15032	0.011
15033	0.007
15034	0.003
15035	0.001
15036	0.001
15037	0.001
15038	0.002
15039	0
15040	0
15041	0.001
15042	0.001
15043	0.001
15044	0.001
15045	0.001
15046	0.001
15047	0.002
15048	0.003
15049	0.003
15050	0.002
15051	0.003
15052	0.004
15053	0.003
15054	0.003
15055	0.003
15056	0.003
15057	0.002
15058	0.002
15059	0.003
15060	0.002
15061	0.002
15062	0.002
15063	0.002
15064	0.002
15065	0.002
15066	0.002
15067	0.002
15068	0.001
15069	0.001
15070	0.001
15071	0.001
15072	0.001
15073	0
15074	0.001
15075	0.001
15076	0.001
15077	0.001
15078	0.002
15079	0.001
15080	0.001
15081	0.001
15082	0
15083	0
15084	0
15085	0
15086	0
15087	0.001
15088	0.001
15089	0.001
15090	0
15091	0
15092	0
15093	0
15094	0
15095	0
15096	0
15097	0
15098	0
15099	0
15100	0
15101	0.001
15102	0
15103	0
15104	0
15105	0.001
15106	0
15107	0
15108	0
15109	0
15110	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15111	0
15112	0
15113	0
15114	0.001
15115	0.001
15116	0
15117	0
15118	0
15119	0
15120	0
15121	0
15122	0.001
15123	0.001
15124	0.001
15125	0
15126	0
15127	0.001
15128	0.003
15129	0.006
15130	0.007
15131	0.007
15132	0.008
15133	0.01
15134	0.011
15135	0.011
15136	0.017
15137	0.019
15138	0.014
15139	0.009
15140	0.006
15141	0.011
15142	0.02
15143	0.017
15144	0.015
15145	0.014
15146	0.011
15147	0.009
15148	0.007
15149	0.007
15150	0.006
15151	0.003
15152	0.002
15153	0.002
15154	0.001
15155	0.001
15156	0.001
15157	0.002
15158	0.004
15159	0.004
15160	0.004
15161	0.004
15162	0.005
15163	0.004
15164	0.003
15165	0.002
15166	0.002
15167	0.001
15168	0.001
15169	0.001
15170	0
15171	0
15172	0
15173	0
15174	0
15175	0
15176	0
15177	0
15178	0
15179	0
15180	0
15181	0
15182	0
15183	0
15184	0
15185	0
15186	0
15187	0
15188	0
15189	0
15190	0.004
15191	0.005
15192	0
15193	0
15194	0
15195	0
15196	0
15197	0
15198	0
15199	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15200	0
15201	0
15202	0
15203	0
15204	0
15205	0
15206	0
15207	0
15208	0.005
15209	0.007
15210	0.001
15211	0
15212	0
15213	0
15214	0
15215	0
15216	0
15217	0
15218	0
15219	0
15220	0
15221	0.004
15222	0.005
15223	0.002
15224	0.011
15225	0.028
15226	0.035
15227	0.03
15228	0.018
15229	0.011
15230	0.006
15231	0.004
15232	0.002
15233	0.002
15234	0.001
15235	0
15236	0.001
15237	0.002
15238	0.001
15239	0
15240	0
15241	0
15242	0
15243	0
15244	0
15245	0.001
15246	0.001
15247	0
15248	0
15249	0
15250	0
15251	0.002
15252	0
15253	0
15254	0
15255	0.001
15256	0
15257	0
15258	0
15259	0.003
15260	0.005
15261	0
15262	0
15263	0
15264	0
15265	0
15266	0
15267	0
15268	0.001
15269	0.002
15270	0
15271	0
15272	0
15273	0
15274	0
15275	0
15276	0
15277	0
15278	0
15279	0
15280	0
15281	0
15282	0
15283	0
15284	0
15285	0
15286	0
15287	0
15288	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15289	0
15290	0
15291	0
15292	0.002
15293	0.002
15294	0.004
15295	0.005
15296	0.002
15297	0.002
15298	0.002
15299	0.003
15300	0.002
15301	0.002
15302	0.002
15303	0.002
15304	0.002
15305	0.004
15306	0.005
15307	0.004
15308	0.006
15309	0.006
15310	0.002
15311	0.002
15312	0.003
15313	0.004
15314	0.003
15315	0.003
15316	0.002
15317	0.002
15318	0.001
15319	0.001
15320	0.001
15321	0.001
15322	0.001
15323	0.003
15324	0.004
15325	0.001
15326	0
15327	0
15328	0
15329	0
15330	0
15331	0.001
15332	0
15333	0
15334	0
15335	0
15336	0
15337	0
15338	0
15339	0.001
15340	0.001
15341	0.001
15342	0.008
15343	0.019
15344	0.023
15345	0.023
15346	0.029
15347	0.022
15348	0.012
15349	0.008
15350	0.005
15351	0.004
15352	0.005
15353	0.006
15354	0.004
15355	0.002
15356	0
15357	0
15358	0
15359	0
15360	0.001
15361	0.001
15362	0.001
15363	0.001
15364	0.002
15365	0.001
15366	0
15367	0
15368	0
15369	0
15370	0.001
15371	0.001
15372	0.003
15373	0.004
15374	0.002
15375	0.001
15376	0.003
15377	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15378	0.005
15379	0.004
15380	0.002
15381	0.003
15382	0.002
15383	0.004
15384	0.006
15385	0.006
15386	0.004
15387	0.004
15388	0.003
15389	0.002
15390	0.003
15391	0.002
15392	0
15393	0
15394	0
15395	0
15396	0
15397	0.003
15398	0.001
15399	0.002
15400	0.002
15401	0.002
15402	0.001
15403	0.001
15404	0.001
15405	0.001
15406	0.001
15407	0.001
15408	0
15409	0
15410	0
15411	0
15412	0
15413	0
15414	0.001
15415	0.001
15416	0
15417	0
15418	0
15419	0
15420	0
15421	0
15422	0
15423	0
15424	0
15425	0
15426	0
15427	0
15428	0
15429	0
15430	0
15431	0
15432	0
15433	0
15434	0
15435	0
15436	0
15437	0
15438	0
15439	0
15440	0
15441	0
15442	0
15443	0.003
15444	0.004
15445	0
15446	0
15447	0
15448	0
15449	0.001
15450	0.002
15451	0.002
15452	0.001
15453	0.001
15454	0.001
15455	0.002
15456	0.002
15457	0.002
15458	0.001
15459	0.003
15460	0.008
15461	0.005
15462	0.004
15463	0.002
15464	0.001
15465	0.001
15466	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15467	0
15468	0
15469	0
15470	0
15471	0
15472	0
15473	0
15474	0
15475	0
15476	0
15477	0
15478	0
15479	0
15480	0
15481	0
15482	0
15483	0
15484	0
15485	0
15486	0
15487	0
15488	0
15489	0.001
15490	0
15491	0
15492	0
15493	0.002
15494	0.004
15495	0.001
15496	0.001
15497	0.001
15498	0.001
15499	0.002
15500	0.003
15501	0.003
15502	0.005
15503	0.003
15504	0.003
15505	0.004
15506	0.004
15507	0.003
15508	0.004
15509	0.001
15510	0
15511	0.001
15512	0.001
15513	0.001
15514	0.001
15515	0.001
15516	0
15517	0
15518	0.001
15519	0.001
15520	0
15521	0
15522	0
15523	0
15524	0
15525	0
15526	0
15527	0
15528	0
15529	0
15530	0
15531	0.001
15532	0
15533	0
15534	0
15535	0
15536	0
15537	0
15538	0
15539	0
15540	0
15541	0
15542	0
15543	0.002
15544	0
15545	0
15546	0
15547	0.001
15548	0.001
15549	0.004
15550	0.008
15551	0.005
15552	0.002
15553	0.001
15554	0
15555	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15556	0
15557	0
15558	0
15559	0
15560	0
15561	0
15562	0
15563	0
15564	0
15565	0
15566	0
15567	0
15568	0
15569	0
15570	0
15571	0.001
15572	0.001
15573	0.001
15574	0.001
15575	0.001
15576	0.001
15577	0
15578	0
15579	0
15580	0
15581	0.002
15582	0.004
15583	0.006
15584	0.006
15585	0.007
15586	0.014
15587	0.008
15588	0.007
15589	0.004
15590	0.002
15591	0.002
15592	0.002
15593	0.003
15594	0.004
15595	0.003
15596	0.006
15597	0.008
15598	0.006
15599	0.005
15600	0.001
15601	0.001
15602	0.001
15603	0
15604	0
15605	0
15606	0
15607	0
15608	0
15609	0
15610	0
15611	0
15612	0
15613	0
15614	0
15615	0
15616	0
15617	0.004
15618	0.034
15619	0.095
15620	0.118
15621	0.081
15622	0.047
15623	0.027
15624	0.017
15625	0.013
15626	0.021
15627	0.05
15628	0.06
15629	0.038
15630	0.033
15631	0.019
15632	0.011
15633	0.006
15634	0.003
15635	0.002
15636	0.001
15637	0
15638	0
15639	0
15640	0
15641	0
15642	0
15643	0
15644	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15645	0
15646	0
15647	0
15648	0
15649	0
15650	0
15651	0
15652	0
15653	0
15654	0
15655	0
15656	0
15657	0
15658	0
15659	0
15660	0
15661	0
15662	0
15663	0.001
15664	0.001
15665	0.001
15666	0.001
15667	0.001
15668	0.001
15669	0
15670	0
15671	0.002
15672	0.003
15673	0.004
15674	0.003
15675	0.001
15676	0.002
15677	0.075
15678	0.186
15679	0.151
15680	0.08
15681	0.037
15682	0.019
15683	0.01
15684	0.006
15685	0.003
15686	0.002
15687	0.003
15688	0.002
15689	0.013
15690	0.091
15691	0.302
15692	0.519
15693	0.34
15694	0.172
15695	0.084
15696	0.035
15697	0.016
15698	0.008
15699	0.004
15700	0.001
15701	0
15702	0
15703	0
15704	0
15705	0
15706	0
15707	0
15708	0
15709	0
15710	0
15711	0.001
15712	0
15713	0.001
15714	0
15715	0
15716	0
15717	0
15718	0
15719	0
15720	0
15721	0
15722	0
15723	0
15724	0
15725	0
15726	0.001
15727	0.001
15728	0
15729	0
15730	0
15731	0
15732	0
15733	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15734	0
15735	0
15736	0
15737	0
15738	0
15739	0
15740	0
15741	0
15742	0
15743	0
15744	0.005
15745	0.008
15746	0
15747	0
15748	0
15749	0
15750	0
15751	0
15752	0.001
15753	0
15754	0
15755	0
15756	0
15757	0
15758	0
15759	0
15760	0
15761	0
15762	0
15763	0
15764	0
15765	0
15766	0
15767	0
15768	0
15769	0
15770	0
15771	0
15772	0
15773	0
15774	0
15775	0
15776	0
15777	0
15778	0.001
15779	0.001
15780	0.002
15781	0.001
15782	0.001
15783	0.002
15784	0.001
15785	0.001
15786	0.002
15787	0.001
15788	0.001
15789	0.001
15790	0.001
15791	0.001
15792	0.001
15793	0.001
15794	0.001
15795	0.001
15796	0.001
15797	0.001
15798	0.002
15799	0.002
15800	0.003
15801	0.003
15802	0.002
15803	0.003
15804	0.005
15805	0.005
15806	0.004
15807	0.003
15808	0.004
15809	0.005
15810	0.005
15811	0.004
15812	0.004
15813	0.004
15814	0.004
15815	0.004
15816	0.004
15817	0.004
15818	0.003
15819	0.003
15820	0.002
15821	0.002
15822	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15823	0.002
15824	0.001
15825	0.001
15826	0.001
15827	0.002
15828	0.002
15829	0.001
15830	0.002
15831	0.002
15832	0.002
15833	0.002
15834	0.002
15835	0.002
15836	0.002
15837	0.003
15838	0.003
15839	0.002
15840	0.002
15841	0.003
15842	0.003
15843	0.008
15844	0.014
15845	0.015
15846	0.017
15847	0.019
15848	0.018
15849	0.019
15850	0.022
15851	0.027
15852	0.029
15853	0.028
15854	0.03
15855	0.033
15856	0.031
15857	0.027
15858	0.027
15859	0.027
15860	0.027
15861	0.021
15862	0.018
15863	0.017
15864	0.017
15865	0.016
15866	0.017
15867	0.017
15868	0.016
15869	0.017
15870	0.018
15871	0.018
15872	0.018
15873	0.018
15874	0.02
15875	0.018
15876	0.018
15877	0.018
15878	0.016
15879	0.014
15880	0.012
15881	0.009
15882	0.008
15883	0.007
15884	0.005
15885	0.005
15886	0.005
15887	0.005
15888	0.005
15889	0.005
15890	0.005
15891	0.005
15892	0.006
15893	0.006
15894	0.005
15895	0.005
15896	0.005
15897	0.007
15898	0.004
15899	0.005
15900	0.004
15901	0.004
15902	0.003
15903	0.002
15904	0.003
15905	0.002
15906	0.001
15907	0.001
15908	0.001
15909	0.001
15910	0.001
15911	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

15912	0.001
15913	0.002
15914	0.002
15915	0.003
15916	0.003
15917	0.003
15918	0.003
15919	0.002
15920	0.001
15921	0.001
15922	0.001
15923	0.001
15924	0.002
15925	0.002
15926	0.002
15927	0.002
15928	0.002
15929	0.002
15930	0
15931	0
15932	0.001
15933	0.001
15934	0.001
15935	0
15936	0.001
15937	0
15938	0
15939	0
15940	0.001
15941	0
15942	0
15943	0
15944	0
15945	0
15946	0
15947	0
15948	0
15949	0
15950	0
15951	0
15952	0
15953	0
15954	0.001
15955	0.001
15956	0
15957	0
15958	0
15959	0
15960	0.001
15961	0.002
15962	0.002
15963	0.001
15964	0.001
15965	0.001
15966	0.002
15967	0.003
15968	0.003
15969	0.005
15970	0.005
15971	0.005
15972	0.005
15973	0.004
15974	0.004
15975	0.003
15976	0.003
15977	0.002
15978	0.001
15979	0.002
15980	0.002
15981	0.002
15982	0.001
15983	0.003
15984	0.003
15985	0.001
15986	0.001
15987	0
15988	0
15989	0
15990	0
15991	0.001
15992	0.001
15993	0.001
15994	0.001
15995	0
15996	0
15997	0
15998	0
15999	0
16000	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16001	0
16002	0
16003	0
16004	0
16005	0
16006	0.002
16007	0.004
16008	0.003
16009	0.002
16010	0.001
16011	0.001
16012	0.001
16013	0
16014	0
16015	0.001
16016	0.001
16017	0.001
16018	0
16019	0
16020	0
16021	0.001
16022	0.001
16023	0
16024	0
16025	0
16026	0
16027	0
16028	0
16029	0
16030	0
16031	0
16032	0
16033	0.004
16034	0.007
16035	0
16036	0
16037	0
16038	0
16039	0
16040	0
16041	0
16042	0.001
16043	0
16044	0
16045	0
16046	0
16047	0
16048	0
16049	0
16050	0
16051	0.005
16052	0.006
16053	0
16054	0
16055	0
16056	0.001
16057	0.001
16058	0
16059	0
16060	0
16061	0
16062	0
16063	0
16064	0
16065	0.001
16066	0.001
16067	0
16068	0
16069	0
16070	0
16071	0
16072	0
16073	0.001
16074	0
16075	0
16076	0
16077	0.001
16078	0.001
16079	0.001
16080	0.001
16081	0
16082	0
16083	0.001
16084	0.002
16085	0.001
16086	0.001
16087	0
16088	0
16089	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16090	0
16091	0
16092	0
16093	0
16094	0
16095	0
16096	0
16097	0
16098	0
16099	0.001
16100	0.001
16101	0
16102	0
16103	0
16104	0
16105	0
16106	0
16107	0
16108	0
16109	0
16110	0
16111	0
16112	0
16113	0
16114	0
16115	0
16116	0
16117	0
16118	0
16119	0.001
16120	0
16121	0
16122	0
16123	0
16124	0
16125	0
16126	0
16127	0
16128	0
16129	0
16130	0
16131	0
16132	0
16133	0
16134	0
16135	0
16136	0
16137	0
16138	0
16139	0
16140	0
16141	0
16142	0
16143	0.001
16144	0
16145	0
16146	0
16147	0
16148	0
16149	0
16150	0
16151	0
16152	0
16153	0
16154	0.002
16155	0.001
16156	0.001
16157	0
16158	0
16159	0
16160	0
16161	0
16162	0
16163	0
16164	0
16165	0
16166	0
16167	0
16168	0
16169	0
16170	0
16171	0
16172	0
16173	0
16174	0
16175	0
16176	0
16177	0
16178	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16179	0
16180	0
16181	0
16182	0
16183	0
16184	0
16185	0
16186	0
16187	0
16188	0.001
16189	0.002
16190	-0.001
16191	0
16192	0
16193	0
16194	0
16195	0
16196	0
16197	0
16198	0
16199	0
16200	0
16201	0
16202	0
16203	0
16204	0
16205	0
16206	0
16207	0
16208	0
16209	0
16210	0
16211	0
16212	0
16213	0
16214	0.001
16215	0
16216	0
16217	0.001
16218	0
16219	0
16220	0
16221	0
16222	0
16223	0
16224	0.001
16225	0.001
16226	0.001
16227	0.001
16228	0
16229	0
16230	0
16231	0
16232	0
16233	0
16234	0
16235	0
16236	0
16237	0
16238	0.001
16239	0
16240	0
16241	0
16242	0
16243	0.003
16244	0.004
16245	0
16246	0
16247	0
16248	0
16249	0.001
16250	0
16251	0
16252	0
16253	0
16254	0.001
16255	0.001
16256	0
16257	0
16258	0
16259	0.001
16260	0
16261	0
16262	0
16263	0
16264	0.001
16265	0.001
16266	0
16267	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16268	0
16269	0
16270	0
16271	0
16272	0
16273	0
16274	0
16275	0
16276	0
16277	0.001
16278	0
16279	0
16280	0
16281	0
16282	0
16283	0
16284	0.001
16285	0.001
16286	0
16287	0
16288	0
16289	0
16290	0
16291	0
16292	0
16293	0
16294	0.001
16295	0.001
16296	0
16297	0
16298	0
16299	0.004
16300	0.005
16301	0
16302	0
16303	0
16304	0
16305	0
16306	0
16307	0
16308	0
16309	0
16310	0.001
16311	0
16312	0
16313	0.001
16314	0
16315	0
16316	0
16317	0
16318	0
16319	0
16320	0.001
16321	0.001
16322	0
16323	0.001
16324	0.001
16325	0.001
16326	0.001
16327	0.001
16328	0.001
16329	0.002
16330	0.001
16331	0.001
16332	0
16333	0.001
16334	0.001
16335	0.003
16336	0.001
16337	0.001
16338	0.001
16339	0.001
16340	0.001
16341	0.001
16342	0.002
16343	0.002
16344	0.003
16345	0.008
16346	0
16347	0
16348	0
16349	0
16350	0.001
16351	0.001
16352	0.001
16353	0
16354	0
16355	0.001
16356	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16357	0.001
16358	0.001
16359	0.001
16360	0.001
16361	0
16362	0
16363	0
16364	0.001
16365	0.001
16366	0.001
16367	0.001
16368	0.001
16369	0.001
16370	0.001
16371	0.001
16372	0
16373	0
16374	0.001
16375	0.001
16376	0.001
16377	0.001
16378	0.001
16379	0.001
16380	0.001
16381	0.001
16382	0.001
16383	0.001
16384	0.001
16385	0.001
16386	0.001
16387	0.001
16388	0.001
16389	0.001
16390	0.001
16391	0
16392	0.001
16393	0
16394	0
16395	0
16396	0
16397	0.002
16398	0
16399	0.001
16400	0
16401	0
16402	0
16403	0
16404	0
16405	0
16406	0
16407	0.001
16408	0
16409	0
16410	0
16411	0
16412	0
16413	0
16414	0
16415	0.002
16416	0.002
16417	0
16418	0
16419	0
16420	0.001
16421	0.001
16422	0
16423	0.001
16424	0.001
16425	0.001
16426	0.001
16427	0
16428	0.001
16429	0.001
16430	0.001
16431	0.001
16432	0.001
16433	0.001
16434	0.001
16435	0.002
16436	0.003
16437	0.001
16438	0
16439	0
16440	0.001
16441	0.001
16442	0
16443	0
16444	0
16445	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16446	0
16447	0.001
16448	0.001
16449	0
16450	0.001
16451	0.001
16452	0.001
16453	0.001
16454	0
16455	0
16456	0.001
16457	0.001
16458	0.001
16459	0
16460	0.001
16461	0.002
16462	0
16463	0
16464	0.001
16465	0.001
16466	0.001
16467	0
16468	0
16469	0
16470	0
16471	0
16472	0
16473	0
16474	0
16475	0
16476	0
16477	0
16478	0
16479	0
16480	0
16481	0.001
16482	0
16483	0
16484	0
16485	0
16486	0
16487	0
16488	0.004
16489	0.006
16490	0.001
16491	0
16492	0
16493	0
16494	0
16495	0.001
16496	0
16497	0
16498	0.001
16499	0
16500	0
16501	0
16502	0.001
16503	0.001
16504	0
16505	0
16506	0
16507	0
16508	0
16509	0
16510	0
16511	0
16512	0
16513	0
16514	0
16515	0.001
16516	0
16517	0
16518	0
16519	0
16520	0
16521	0
16522	0
16523	0
16524	0
16525	0
16526	0
16527	0
16528	0
16529	0.001
16530	0
16531	0
16532	0
16533	0.001
16534	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16535	0
16536	0
16537	0
16538	0
16539	0
16540	0
16541	0
16542	0
16543	0
16544	0
16545	0
16546	0
16547	0
16548	0
16549	0.001
16550	0
16551	0
16552	0
16553	0
16554	0
16555	0.001
16556	0
16557	0
16558	0
16559	0
16560	0
16561	0
16562	0
16563	0
16564	0
16565	0
16566	0
16567	0
16568	0
16569	0
16570	0.001
16571	0
16572	0
16573	0
16574	0
16575	0
16576	0
16577	0
16578	0
16579	0
16580	0
16581	0
16582	0
16583	0
16584	0
16585	0
16586	0
16587	0
16588	0
16589	0
16590	0
16591	0.001
16592	0
16593	0
16594	0
16595	0
16596	0
16597	0
16598	0.001
16599	0.001
16600	0
16601	0
16602	0
16603	0
16604	0
16605	0
16606	0
16607	0
16608	0.001
16609	0
16610	0
16611	0
16612	0
16613	0
16614	0
16615	0
16616	0
16617	0
16618	0
16619	0
16620	0
16621	0
16622	0
16623	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16624	0
16625	0.001
16626	0
16627	0
16628	0
16629	0
16630	0
16631	0
16632	0
16633	0
16634	0
16635	0
16636	0
16637	0
16638	0
16639	0
16640	0
16641	0
16642	0
16643	0
16644	0
16645	0
16646	0
16647	0
16648	0
16649	0
16650	0.001
16651	0.001
16652	0
16653	0
16654	0
16655	0
16656	0
16657	0
16658	0
16659	0
16660	0
16661	0
16662	0
16663	0
16664	0
16665	0.001
16666	0
16667	0
16668	0
16669	0
16670	0
16671	0
16672	0
16673	0
16674	0
16675	0
16676	0
16677	0
16678	0
16679	0
16680	0
16681	0
16682	0
16683	0
16684	0
16685	0
16686	0
16687	0
16688	0
16689	0
16690	0
16691	0
16692	0
16693	0
16694	0
16695	0
16696	0
16697	0
16698	0
16699	0
16700	0
16701	0
16702	0
16703	0
16704	0
16705	0
16706	0
16707	0
16708	0
16709	0
16710	0
16711	0
16712	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16713	0
16714	0
16715	0
16716	0
16717	0
16718	0
16719	0
16720	0
16721	0
16722	0
16723	0
16724	0
16725	0
16726	0
16727	0
16728	0
16729	0
16730	0
16731	0
16732	0
16733	0
16734	0
16735	0
16736	0.003
16737	0.004
16738	0
16739	0
16740	0
16741	0
16742	0
16743	0
16744	0
16745	0
16746	0
16747	0
16748	0
16749	0
16750	0
16751	0
16752	0
16753	0
16754	0
16755	0
16756	0
16757	0
16758	0
16759	0
16760	0
16761	0
16762	0
16763	0
16764	0
16765	0
16766	0
16767	0
16768	0
16769	0
16770	0
16771	0
16772	0
16773	0
16774	0
16775	0
16776	0
16777	0
16778	0.001
16779	0
16780	0
16781	0
16782	0
16783	0
16784	0
16785	0
16786	0
16787	0
16788	0
16789	0
16790	0
16791	0
16792	0
16793	0
16794	0
16795	0
16796	0
16797	0
16798	0
16799	0
16800	0
16801	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16802	0
16803	0
16804	0
16805	0
16806	0
16807	0
16808	0
16809	0
16810	0
16811	0
16812	0
16813	0
16814	0
16815	0
16816	0
16817	0
16818	0
16819	0
16820	0
16821	0
16822	0
16823	0
16824	0
16825	0
16826	0
16827	0
16828	0
16829	0
16830	0
16831	0
16832	0
16833	0
16834	0
16835	0
16836	0
16837	0
16838	0
16839	0
16840	0
16841	0
16842	0
16843	0
16844	0
16845	0
16846	0
16847	0
16848	0
16849	0
16850	0
16851	0
16852	0
16853	0
16854	0
16855	0
16856	0
16857	0
16858	0
16859	0
16860	0
16861	0
16862	0
16863	0.002
16864	0.002
16865	0
16866	0
16867	0
16868	0
16869	0
16870	0
16871	0
16872	0
16873	0
16874	0
16875	0
16876	0
16877	0
16878	0
16879	0
16880	0
16881	0
16882	0
16883	0
16884	0
16885	0
16886	0
16887	0
16888	0
16889	0
16890	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16891	0
16892	0
16893	0
16894	0
16895	0
16896	0
16897	0
16898	0
16899	0
16900	0
16901	0
16902	0
16903	0
16904	0
16905	0
16906	0
16907	0
16908	0
16909	0
16910	0
16911	0
16912	0
16913	0
16914	0
16915	0
16916	0
16917	0
16918	0
16919	0
16920	0
16921	0
16922	0
16923	0
16924	0
16925	0
16926	0
16927	0
16928	0
16929	0
16930	0
16931	0
16932	0
16933	0
16934	0
16935	0.001
16936	0
16937	0
16938	0
16939	0
16940	0
16941	0
16942	0.003
16943	0
16944	0
16945	0
16946	0
16947	0
16948	0
16949	0
16950	0
16951	0
16952	0
16953	0
16954	0
16955	0
16956	0
16957	0
16958	0
16959	0
16960	0
16961	0
16962	0
16963	0
16964	0
16965	0
16966	0
16967	0
16968	0
16969	0
16970	0
16971	0
16972	0
16973	0
16974	0
16975	0
16976	0
16977	0
16978	0
16979	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

16980	0
16981	0.002
16982	0
16983	0
16984	0
16985	0
16986	0
16987	0
16988	0
16989	0
16990	0
16991	0
16992	0
16993	0
16994	0
16995	0
16996	0
16997	0
16998	0
16999	0
17000	0
17001	0
17002	0
17003	0
17004	0
17005	0
17006	0
17007	0
17008	0
17009	0
17010	0
17011	0
17012	0
17013	0
17014	0
17015	0.001
17016	0
17017	0
17018	0
17019	0
17020	0
17021	0
17022	0
17023	0
17024	0
17025	0
17026	0
17027	0.001
17028	0
17029	0
17030	0
17031	0
17032	0
17033	0
17034	0
17035	0
17036	0
17037	0
17038	0
17039	0
17040	0
17041	0
17042	0
17043	0
17044	0
17045	0
17046	0.001
17047	0
17048	0
17049	0
17050	0
17051	0
17052	0
17053	0
17054	0
17055	0
17056	0
17057	0
17058	0
17059	0
17060	0
17061	0
17062	0
17063	0
17064	0
17065	0
17066	0
17067	0
17068	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17069	0
17070	0.001
17071	0
17072	0
17073	0
17074	0
17075	0
17076	0
17077	0
17078	0
17079	0
17080	0
17081	0.001
17082	0
17083	0
17084	0
17085	0
17086	0
17087	0
17088	0
17089	0
17090	0
17091	0
17092	0
17093	0
17094	0
17095	0
17096	0
17097	0
17098	0.001
17099	0
17100	0
17101	0
17102	0
17103	0
17104	0
17105	0
17106	0
17107	0
17108	0
17109	0
17110	0
17111	0
17112	0
17113	0
17114	0
17115	0
17116	0
17117	0
17118	0
17119	0
17120	0
17121	0
17122	0
17123	0
17124	0
17125	0
17126	0
17127	0
17128	0
17129	0
17130	0
17131	0
17132	0
17133	0
17134	0
17135	0
17136	0
17137	0
17138	0
17139	0
17140	0
17141	0
17142	0
17143	0.001
17144	0.001
17145	0.001
17146	0.001
17147	0.002
17148	0.003
17149	0.004
17150	0.002
17151	0.001
17152	0.001
17153	0.002
17154	0.001
17155	0.001
17156	0.001
17157	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17158	0.002
17159	0.002
17160	0.001
17161	0.001
17162	0.002
17163	0.002
17164	0.002
17165	0.002
17166	0.004
17167	0.004
17168	0.003
17169	0.002
17170	0.002
17171	0.003
17172	0.002
17173	0.002
17174	0.001
17175	0.002
17176	0.001
17177	0.001
17178	0.001
17179	0
17180	0
17181	0.002
17182	0.002
17183	0
17184	0
17185	0
17186	0
17187	0
17188	0
17189	0
17190	0.001
17191	0
17192	0
17193	0
17194	0
17195	0
17196	0
17197	0
17198	0
17199	0
17200	0
17201	0
17202	0
17203	0
17204	0
17205	0
17206	0
17207	0
17208	0
17209	0
17210	0
17211	0
17212	0.001
17213	0
17214	0
17215	0
17216	0
17217	0
17218	0
17219	0
17220	0
17221	0
17222	0
17223	0.001
17224	0.001
17225	0
17226	0.001
17227	0.001
17228	0.001
17229	0.001
17230	0.001
17231	0.001
17232	0.001
17233	0.002
17234	0.001
17235	0
17236	0
17237	0
17238	0
17239	0
17240	0
17241	0
17242	0
17243	0.001
17244	0.001
17245	0
17246	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17247	0
17248	0.001
17249	0
17250	0
17251	0.001
17252	0
17253	0
17254	0
17255	0
17256	0
17257	0
17258	0
17259	0
17260	0
17261	0
17262	0
17263	0
17264	0
17265	0
17266	0
17267	0
17268	0
17269	0
17270	0
17271	0
17272	0
17273	0
17274	0
17275	0
17276	0
17277	0
17278	0
17279	0
17280	0
17281	0
17282	0
17283	0
17284	0
17285	0
17286	0
17287	0
17288	0
17289	0
17290	0
17291	0
17292	0
17293	0
17294	0
17295	0
17296	0
17297	0
17298	0
17299	0
17300	0
17301	0.001
17302	0
17303	0.001
17304	0
17305	0
17306	0
17307	0
17308	0
17309	0.001
17310	0
17311	0
17312	0
17313	0
17314	0
17315	0
17316	0
17317	0
17318	0
17319	0
17320	0
17321	0
17322	0
17323	0
17324	0
17325	0
17326	0
17327	0
17328	0
17329	0
17330	0
17331	0
17332	0
17333	0
17334	0
17335	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17336	0
17337	0.001
17338	0.001
17339	0.001
17340	0
17341	0
17342	0
17343	0
17344	0
17345	0
17346	0.001
17347	0.002
17348	0
17349	0
17350	0
17351	0
17352	0
17353	0
17354	0
17355	0.001
17356	0
17357	0
17358	0
17359	0
17360	0
17361	0
17362	0
17363	0
17364	0
17365	0
17366	0
17367	0
17368	0
17369	0
17370	0.001
17371	0.002
17372	0
17373	0
17374	0
17375	0
17376	0
17377	0
17378	0
17379	0
17380	0
17381	0
17382	0
17383	0
17384	0
17385	0
17386	0
17387	0
17388	0
17389	0
17390	0
17391	0
17392	0
17393	0
17394	0.001
17395	0
17396	0
17397	0.002
17398	0.002
17399	0.003
17400	0.003
17401	0.004
17402	0.004
17403	0.005
17404	0.006
17405	0.006
17406	0.006
17407	0.004
17408	0.003
17409	0.003
17410	0.002
17411	0.001
17412	0.001
17413	0
17414	0
17415	0
17416	0.001
17417	0.001
17418	0
17419	0
17420	0
17421	0.001
17422	0
17423	0
17424	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17425	0
17426	0
17427	0
17428	0.001
17429	0.001
17430	0.001
17431	0.002
17432	0.001
17433	0.001
17434	0
17435	0
17436	0.001
17437	0
17438	0
17439	0
17440	0
17441	0
17442	0
17443	0.002
17444	0.002
17445	0
17446	0
17447	0
17448	0.001
17449	0
17450	0
17451	0
17452	0
17453	0
17454	0.001
17455	0
17456	0
17457	0
17458	0
17459	0
17460	0
17461	0
17462	0
17463	0.001
17464	0
17465	0
17466	0
17467	0.001
17468	0
17469	0
17470	0
17471	0
17472	0
17473	0.001
17474	0.001
17475	0.001
17476	0.001
17477	0
17478	0
17479	0
17480	0.001
17481	0.002
17482	0.002
17483	0.001
17484	0.001
17485	0.001
17486	0.001
17487	0
17488	0
17489	0
17490	0
17491	0.001
17492	0.001
17493	0.001
17494	0
17495	0.001
17496	0.001
17497	0.001
17498	0.002
17499	0.001
17500	0.001
17501	0.001
17502	0.001
17503	0.001
17504	0.001
17505	0.001
17506	0.001
17507	0.001
17508	0.001
17509	0.001
17510	0.001
17511	0.001
17512	0.001
17513	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17514	0.001
17515	0.001
17516	0.002
17517	0.001
17518	0.001
17519	0.001
17520	0.002
17521	0.001
17522	0.001
17523	0.002
17524	0.007
17525	0.009
17526	0.009
17527	0.007
17528	0.007
17529	0.007
17530	0.007
17531	0.007
17532	0.005
17533	0.004
17534	0.004
17535	0.005
17536	0.004
17537	0.004
17538	0.005
17539	0.007
17540	0.007
17541	0.006
17542	0.004
17543	0.003
17544	0.002
17545	0.001
17546	0.001
17547	0.001
17548	0
17549	0.005
17550	0.013
17551	0.01
17552	0.008
17553	0.003
17554	0.002
17555	0.001
17556	0.001
17557	0.002
17558	0.002
17559	0.002
17560	0.001
17561	0.002
17562	0.002
17563	0.001
17564	0.001
17565	0
17566	0
17567	0
17568	0
17569	0
17570	0
17571	0
17572	0.001
17573	0.001
17574	0
17575	0
17576	0
17577	0.001
17578	0.001
17579	0.001
17580	0.001
17581	0.002
17582	0.001
17583	0.002
17584	0.002
17585	0.002
17586	0.001
17587	0.001
17588	0.001
17589	0.001
17590	0.001
17591	0.001
17592	0
17593	0.001
17594	0.002
17595	0.003
17596	0.002
17597	0.002
17598	0.002
17599	0.003
17600	0.002
17601	0.003
17602	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17603	0.002
17604	0.003
17605	0.003
17606	0.001
17607	0.002
17608	0.002
17609	0.002
17610	0.002
17611	0.002
17612	0.002
17613	0.001
17614	0.001
17615	0.001
17616	0.002
17617	0.002
17618	0.002
17619	0.001
17620	0.001
17621	0.001
17622	0.002
17623	0.002
17624	0.003
17625	0.003
17626	0.004
17627	0.004
17628	0.005
17629	0.004
17630	0.003
17631	0.004
17632	0.005
17633	0.006
17634	0.005
17635	0.005
17636	0.006
17637	0.006
17638	0.004
17639	0.003
17640	0.003
17641	0.003
17642	0.003
17643	0.003
17644	0.002
17645	0.002
17646	0.001
17647	0.001
17648	0.002
17649	0.004
17650	0.004
17651	0.004
17652	0.007
17653	0.008
17654	0.007
17655	0.008
17656	0.009
17657	0.013
17658	0.019
17659	0.016
17660	0.008
17661	0.006
17662	0.005
17663	0.005
17664	0.004
17665	0.003
17666	0.004
17667	0.005
17668	0.005
17669	0.004
17670	0.004
17671	0.003
17672	0.004
17673	0.005
17674	0.005
17675	0.003
17676	0.003
17677	0.003
17678	0.003
17679	0.002
17680	0.003
17681	0.003
17682	0.004
17683	0.005
17684	0.005
17685	0.003
17686	0.002
17687	0.001
17688	0.002
17689	0.001
17690	0.001
17691	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17692	0.002
17693	0.002
17694	0.002
17695	0.002
17696	0.002
17697	0.003
17698	0.001
17699	0.001
17700	0.001
17701	0.001
17702	0.001
17703	0.002
17704	0.001
17705	0.001
17706	0.001
17707	0.001
17708	0.001
17709	0.002
17710	0.002
17711	0.002
17712	0.001
17713	0.001
17714	0.001
17715	0.001
17716	0.001
17717	0.001
17718	0.001
17719	0.002
17720	0.002
17721	0.001
17722	0.001
17723	0.002
17724	0.002
17725	0.002
17726	0.001
17727	0.001
17728	0.002
17729	0.001
17730	0.001
17731	0.001
17732	0.001
17733	0.001
17734	0.001
17735	0.004
17736	0.005
17737	0.005
17738	0.004
17739	0.004
17740	0.004
17741	0.004
17742	0.003
17743	0.002
17744	0.002
17745	0.002
17746	0.005
17747	0.008
17748	0.01
17749	0.01
17750	0.014
17751	0.015
17752	0.011
17753	0.011
17754	0.01
17755	0.011
17756	0.011
17757	0.011
17758	0.011
17759	0.011
17760	0.01
17761	0.01
17762	0.01
17763	0.009
17764	0.009
17765	0.009
17766	0.01
17767	0.01
17768	0.011
17769	0.011
17770	0.012
17771	0.012
17772	0.01
17773	0.01
17774	0.009
17775	0.008
17776	0.009
17777	0.009
17778	0.009
17779	0.011
17780	0.015

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17781	0.019
17782	0.018
17783	0.018
17784	0.025
17785	0.031
17786	0.03
17787	0.023
17788	0.016
17789	0.016
17790	0.015
17791	0.014
17792	0.012
17793	0.013
17794	0.014
17795	0.011
17796	0.011
17797	0.012
17798	0.011
17799	0.009
17800	0.008
17801	0.009
17802	0.009
17803	0.007
17804	0.007
17805	0.007
17806	0.006
17807	0.007
17808	0.008
17809	0.009
17810	0.008
17811	0.01
17812	0.008
17813	0.007
17814	0.008
17815	0.008
17816	0.009
17817	0.009
17818	0.008
17819	0.008
17820	0.009
17821	0.008
17822	0.007
17823	0.007
17824	0.008
17825	0.007
17826	0.007
17827	0.007
17828	0.008
17829	0.007
17830	0.008
17831	0.008
17832	0.007
17833	0.007
17834	0.008
17835	0.007
17836	0.007
17837	0.009
17838	0.008
17839	0.007
17840	0.007
17841	0.007
17842	0.007
17843	0.007
17844	0.008
17845	0.008
17846	0.006
17847	0.005
17848	0.004
17849	0.004
17850	0.004
17851	0.004
17852	0.006
17853	0.005
17854	0.005
17855	0.005
17856	0.006
17857	0.005
17858	0.005
17859	0.004
17860	0.005
17861	0.005
17862	0.004
17863	0.005
17864	0.004
17865	0.005
17866	0.005
17867	0.004
17868	0.004
17869	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17870	0.006
17871	0.005
17872	0.004
17873	0.004
17874	0.004
17875	0.005
17876	0.005
17877	0.006
17878	0.006
17879	0.005
17880	0.004
17881	0.005
17882	0.005
17883	0.005
17884	0.005
17885	0.005
17886	0.004
17887	0.004
17888	0.004
17889	0.004
17890	0.006
17891	0.007
17892	0.006
17893	0.006
17894	0.007
17895	0.007
17896	0.007
17897	0.007
17898	0.008
17899	0.008
17900	0.008
17901	0.008
17902	0.009
17903	0.01
17904	0.009
17905	0.008
17906	0.006
17907	0.006
17908	0.004
17909	0.004
17910	0.004
17911	0.002
17912	0.001
17913	0.001
17914	0.001
17915	0.001
17916	0.001
17917	0
17918	0
17919	0
17920	0
17921	0.001
17922	0.001
17923	0.001
17924	0.001
17925	0
17926	0
17927	0.001
17928	0.001
17929	0.001
17930	0.001
17931	0.001
17932	0.001
17933	0.001
17934	0.002
17935	0.002
17936	0.001
17937	0.002
17938	0.001
17939	0.001
17940	0.001
17941	0.002
17942	0.001
17943	0.001
17944	0
17945	0.001
17946	0.001
17947	0
17948	0.001
17949	0
17950	0.001
17951	0.001
17952	0
17953	0
17954	0
17955	0
17956	0
17957	0
17958	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

17959	0
17960	0
17961	0
17962	0.001
17963	0.001
17964	0
17965	0.001
17966	0.001
17967	0.001
17968	0
17969	0.001
17970	0.001
17971	0.002
17972	0.001
17973	0.001
17974	0.001
17975	0.001
17976	0.001
17977	0.001
17978	0.001
17979	0.001
17980	0.001
17981	0.001
17982	0.001
17983	0.001
17984	0.001
17985	0.001
17986	0.001
17987	0.002
17988	0.002
17989	0.003
17990	0
17991	0.001
17992	0.001
17993	0.001
17994	0.001
17995	0.002
17996	0.001
17997	0.002
17998	0.001
17999	0.001
18000	0.001
18001	0.001
18002	0.001
18003	0.001
18004	0.001
18005	0.001
18006	0.002
18007	0.002
18008	0.001
18009	0.001
18010	0.001
18011	0.001
18012	0.001
18013	0.002
18014	0.001
18015	0.001
18016	0.002
18017	0.002
18018	0.001
18019	0.001
18020	0.002
18021	0.002
18022	0.001
18023	0.001
18024	0.001
18025	0.002
18026	0.002
18027	0.002
18028	0.002
18029	0.005
18030	0.012
18031	0.014
18032	0.01
18033	0.011
18034	0.008
18035	0.004
18036	0.002
18037	0.001
18038	0.002
18039	0.003
18040	0.004
18041	0.003
18042	0.003
18043	0.002
18044	0.001
18045	0.001
18046	0.002
18047	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18048	0.001
18049	0.001
18050	0.002
18051	0.002
18052	0.002
18053	0.001
18054	0
18055	0
18056	0
18057	0
18058	0
18059	0
18060	0
18061	0
18062	0
18063	0
18064	0
18065	0.001
18066	0
18067	0
18068	0
18069	0.001
18070	0.001
18071	0
18072	0.001
18073	0.002
18074	0.001
18075	0.001
18076	0
18077	0.001
18078	0.001
18079	0
18080	0
18081	0
18082	0
18083	0.001
18084	0.001
18085	0
18086	0
18087	0.001
18088	0.001
18089	0
18090	0.001
18091	0.001
18092	0.001
18093	0.001
18094	0
18095	0.001
18096	0.001
18097	0.001
18098	0.001
18099	0
18100	0
18101	0.001
18102	0.001
18103	0.001
18104	0.001
18105	0.002
18106	0
18107	0
18108	0
18109	0.001
18110	0.001
18111	0.001
18112	0
18113	0
18114	0
18115	0
18116	0
18117	0
18118	0
18119	0
18120	0
18121	0
18122	0
18123	0.001
18124	0.001
18125	0
18126	0
18127	0
18128	0
18129	0
18130	0
18131	0
18132	0
18133	0
18134	0
18135	0.001
18136	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18137	0
18138	0.001
18139	0
18140	0
18141	0
18142	0
18143	0
18144	0
18145	0
18146	0
18147	0
18148	0.001
18149	0.002
18150	0
18151	0
18152	0.001
18153	0.001
18154	0.001
18155	0.001
18156	0.002
18157	0.003
18158	0.004
18159	0.005
18160	0.005
18161	0.005
18162	0.004
18163	0.005
18164	0.005
18165	0.005
18166	0.004
18167	0.004
18168	0.004
18169	0.003
18170	0.002
18171	0.001
18172	0.002
18173	0.005
18174	0.005
18175	0.003
18176	0.001
18177	0
18178	0
18179	0.001
18180	0.002
18181	0.001
18182	0.001
18183	0.001
18184	0.001
18185	0.003
18186	0.008
18187	0.009
18188	0.003
18189	0.003
18190	0.002
18191	0.002
18192	0.001
18193	0.001
18194	0.001
18195	0.001
18196	0.001
18197	0.002
18198	0.001
18199	0.001
18200	0.001
18201	0
18202	0
18203	0
18204	0.001
18205	0.002
18206	0.002
18207	0.001
18208	0.001
18209	0.003
18210	0
18211	0
18212	0
18213	0.001
18214	0
18215	0
18216	0
18217	0.001
18218	0
18219	0
18220	0
18221	0
18222	0.001
18223	0
18224	0
18225	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18226	0
18227	0
18228	0
18229	0
18230	0
18231	0.001
18232	0.001
18233	0
18234	0
18235	0
18236	0
18237	0.001
18238	0.001
18239	0
18240	0
18241	0.001
18242	0.001
18243	0
18244	0
18245	0
18246	0.001
18247	0
18248	0
18249	0
18250	0.001
18251	0.001
18252	0.001
18253	0.001
18254	0.001
18255	0
18256	0.001
18257	0.001
18258	0.001
18259	0.001
18260	0.001
18261	0.001
18262	0.001
18263	0
18264	0.001
18265	0
18266	0
18267	0
18268	0.001
18269	0.001
18270	0.001
18271	0.001
18272	0.001
18273	0.001
18274	0.001
18275	0.002
18276	0.002
18277	0.001
18278	0.001
18279	0.002
18280	0.001
18281	0.001
18282	0.001
18283	0
18284	0
18285	0.001
18286	0.001
18287	0.001
18288	0.001
18289	0.001
18290	0.001
18291	0.001
18292	0.003
18293	0
18294	0
18295	0.001
18296	0.001
18297	0.001
18298	0.001
18299	0.001
18300	0.001
18301	0.001
18302	0.001
18303	0.001
18304	0
18305	0.001
18306	0.001
18307	0.001
18308	0.001
18309	0.002
18310	0.001
18311	0.001
18312	0.001
18313	0.001
18314	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18315	0.001
18316	0.004
18317	0.001
18318	0.001
18319	0.001
18320	0.002
18321	0.002
18322	0.002
18323	0.001
18324	0.001
18325	0.001
18326	0.002
18327	0.002
18328	0.002
18329	0.001
18330	0.001
18331	0.003
18332	0.002
18333	0.003
18334	0.002
18335	0.003
18336	0.002
18337	0.002
18338	0.001
18339	0.001
18340	0.003
18341	0.002
18342	0.001
18343	0.001
18344	0.001
18345	0.002
18346	0.002
18347	0.001
18348	0.001
18349	0.001
18350	0.001
18351	0.001
18352	0.001
18353	0.001
18354	0.001
18355	0.001
18356	0.002
18357	0.002
18358	0.001
18359	0.002
18360	0.002
18361	0.002
18362	0.001
18363	0.001
18364	0.001
18365	0.001
18366	0.001
18367	0.001
18368	0.002
18369	0.003
18370	0.002
18371	0.001
18372	0.002
18373	0.002
18374	0.001
18375	0.002
18376	0.002
18377	0.001
18378	0.002
18379	0.002
18380	0.002
18381	0.002
18382	0.001
18383	0.001
18384	0.001
18385	0.002
18386	0.001
18387	0.001
18388	0.001
18389	0.001
18390	0.001
18391	0.002
18392	0.001
18393	0.001
18394	0.001
18395	0.001
18396	0.001
18397	0.001
18398	0.001
18399	0.001
18400	0.001
18401	0.001
18402	0.001
18403	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18404	0.001
18405	0.001
18406	0.001
18407	0
18408	0.001
18409	0.001
18410	0.001
18411	0
18412	0
18413	0.001
18414	0.001
18415	0.001
18416	0.001
18417	0
18418	0.001
18419	0.001
18420	0.001
18421	0.001
18422	0.001
18423	0.002
18424	0.003
18425	0
18426	0.001
18427	0.002
18428	0.003
18429	0.002
18430	0.003
18431	0.006
18432	0.007
18433	0.007
18434	0.007
18435	0.007
18436	0.006
18437	0.003
18438	0.002
18439	0.002
18440	0.002
18441	0
18442	0.001
18443	0.002
18444	0.002
18445	0.002
18446	0.002
18447	0.002
18448	0.003
18449	0.003
18450	0.002
18451	0.002
18452	0.002
18453	0.002
18454	0.001
18455	0.001
18456	0.002
18457	0.001
18458	0.001
18459	0.001
18460	0.002
18461	0.002
18462	0.002
18463	0.001
18464	0.001
18465	0.001
18466	0.002
18467	0.002
18468	0.001
18469	0.001
18470	0.001
18471	0.002
18472	0.004
18473	0.005
18474	0.002
18475	0.001
18476	0.001
18477	0.001
18478	0.002
18479	0.002
18480	0.003
18481	0.005
18482	0.005
18483	0.004
18484	0.004
18485	0.003
18486	0.005
18487	0.003
18488	0.003
18489	0.003
18490	0.003
18491	0.003
18492	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18493	0.003
18494	0.003
18495	0.003
18496	0.003
18497	0.003
18498	0.002
18499	0.003
18500	0.002
18501	0.003
18502	0.003
18503	0.002
18504	0.002
18505	0.002
18506	0.002
18507	0.002
18508	0.002
18509	0.002
18510	0.002
18511	0.002
18512	0.002
18513	0.002
18514	0.002
18515	0.004
18516	0.004
18517	0.003
18518	0.001
18519	0.001
18520	0.001
18521	0.002
18522	0.004
18523	0.005
18524	0.002
18525	0.002
18526	0.002
18527	0.002
18528	0.003
18529	0.002
18530	0.002
18531	0.002
18532	0.002
18533	0.002
18534	0.002
18535	0.001
18536	0.001
18537	0.001
18538	0.001
18539	0.001
18540	0.001
18541	0.001
18542	0.002
18543	0.002
18544	0.002
18545	0.001
18546	0.001
18547	0.001
18548	0.001
18549	0.001
18550	0.001
18551	0.002
18552	0.003
18553	0.003
18554	0.002
18555	0.001
18556	0.001
18557	0.001
18558	0.001
18559	0.001
18560	0.001
18561	0.002
18562	0.002
18563	0.002
18564	0.001
18565	0.002
18566	0.002
18567	0.002
18568	0.002
18569	0.002
18570	0.001
18571	0.001
18572	0.001
18573	0.001
18574	0.001
18575	0.002
18576	0.004
18577	0.003
18578	0.003
18579	0.004
18580	0.004
18581	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18582	0.011
18583	0.026
18584	0.046
18585	0.044
18586	0.027
18587	0.014
18588	0.007
18589	0.003
18590	0.002
18591	0.002
18592	0.003
18593	0.002
18594	0.002
18595	0.002
18596	0.003
18597	0.003
18598	0.002
18599	0.001
18600	0.001
18601	0.002
18602	0.004
18603	0.003
18604	0.003
18605	0.002
18606	0.001
18607	0.002
18608	0.002
18609	0.004
18610	0.008
18611	0.012
18612	0.011
18613	0.008
18614	0.006
18615	0.004
18616	0.002
18617	0.002
18618	0.001
18619	0
18620	0.001
18621	0.001
18622	0.002
18623	0.003
18624	0.001
18625	0.001
18626	0.001
18627	0.001
18628	0
18629	0.001
18630	0.001
18631	0
18632	0
18633	0.001
18634	0.001
18635	0
18636	0
18637	0
18638	0
18639	0.001
18640	0.004
18641	0.006
18642	0.001
18643	0.001
18644	0.001
18645	0.001
18646	0.001
18647	0.001
18648	0.001
18649	0.001
18650	0.001
18651	0
18652	0.001
18653	0
18654	0
18655	0
18656	0
18657	0
18658	0
18659	0
18660	0.001
18661	0.002
18662	0.001
18663	0.001
18664	0.001
18665	0.002
18666	0.002
18667	0.003
18668	0.002
18669	0.002
18670	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18671	0.002
18672	0.003
18673	0.002
18674	0.012
18675	0.038
18676	0.059
18677	0.047
18678	0.021
18679	0.008
18680	0.004
18681	0.002
18682	0.001
18683	0.001
18684	0
18685	0
18686	0
18687	0
18688	0
18689	0
18690	0
18691	0
18692	0.001
18693	0.001
18694	0
18695	0
18696	0
18697	0
18698	0.001
18699	0.001
18700	0
18701	0
18702	0
18703	0.001
18704	0
18705	0
18706	0
18707	0
18708	0
18709	0
18710	0.001
18711	0.001
18712	0
18713	0.001
18714	0
18715	0
18716	0
18717	0
18718	0
18719	0
18720	0
18721	0
18722	0
18723	0
18724	0
18725	0
18726	0.001
18727	0
18728	0
18729	0
18730	0.001
18731	0
18732	0
18733	0
18734	0.003
18735	0.004
18736	0
18737	0
18738	0
18739	0
18740	0
18741	0
18742	0
18743	0
18744	0.001
18745	0.001
18746	0.002
18747	0.001
18748	0.001
18749	0.001
18750	0
18751	0
18752	0
18753	0
18754	0
18755	0
18756	0
18757	0.001
18758	0.001
18759	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18760	0.001
18761	0.001
18762	0.001
18763	0.001
18764	0.001
18765	0.001
18766	0.001
18767	0.001
18768	0
18769	0
18770	0
18771	0.001
18772	0
18773	0.001
18774	0.001
18775	0
18776	0
18777	0
18778	0.001
18779	0
18780	0
18781	0.001
18782	0.001
18783	0
18784	0
18785	0.001
18786	0.001
18787	0.001
18788	0.001
18789	0
18790	0
18791	0.001
18792	0
18793	0
18794	0
18795	0
18796	0
18797	0.001
18798	0
18799	0
18800	0
18801	0
18802	0.001
18803	0.002
18804	0
18805	0.001
18806	0.001
18807	0
18808	0
18809	0.001
18810	0.001
18811	0.001
18812	0.001
18813	0.001
18814	0.001
18815	0.001
18816	0
18817	0.001
18818	0
18819	0.001
18820	0.001
18821	0.001
18822	0.001
18823	0.001
18824	0.001
18825	0
18826	0
18827	0.001
18828	0.001
18829	0
18830	0
18831	0.001
18832	0.001
18833	0
18834	0
18835	0
18836	0.001
18837	0.001
18838	0.001
18839	0.001
18840	0.001
18841	0.001
18842	0.001
18843	0
18844	0.001
18845	0
18846	0
18847	0
18848	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18849	0.001
18850	0.001
18851	0
18852	0
18853	0.001
18854	0
18855	0
18856	0
18857	0.001
18858	0
18859	0
18860	0
18861	0.001
18862	0.001
18863	0.001
18864	0
18865	0
18866	0
18867	0
18868	0
18869	0
18870	0
18871	0.001
18872	0
18873	0
18874	0.001
18875	0.001
18876	0.001
18877	0.001
18878	0
18879	0
18880	0
18881	0
18882	0
18883	0
18884	0
18885	0
18886	0
18887	0
18888	0
18889	0
18890	0
18891	0.001
18892	0.001
18893	0
18894	0
18895	0.001
18896	0
18897	0
18898	0
18899	0
18900	0
18901	0
18902	0
18903	0.001
18904	0.001
18905	0.001
18906	0
18907	0
18908	0
18909	0
18910	0
18911	0
18912	0.001
18913	0.002
18914	0.001
18915	0
18916	0
18917	0
18918	0
18919	0.002
18920	0.001
18921	0.001
18922	0.002
18923	0.002
18924	0.002
18925	0.001
18926	0.001
18927	0
18928	0
18929	0
18930	0.001
18931	0.002
18932	0.001
18933	0
18934	0.001
18935	0.001
18936	0.002
18937	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

18938	0
18939	0.001
18940	0.001
18941	0.001
18942	0.001
18943	0.002
18944	0.003
18945	0.001
18946	0.001
18947	0
18948	0
18949	0
18950	0.001
18951	0.001
18952	0
18953	0.001
18954	0.001
18955	0.001
18956	0.001
18957	0.001
18958	0.001
18959	0.001
18960	0
18961	0
18962	0
18963	0
18964	0
18965	0.001
18966	0.001
18967	0.006
18968	0.019
18969	0.02
18970	0.018
18971	0.025
18972	0.036
18973	0.042
18974	0.049
18975	0.048
18976	0.04
18977	0.033
18978	0.025
18979	0.018
18980	0.009
18981	0.005
18982	0.004
18983	0.004
18984	0.004
18985	0.005
18986	0.006
18987	0.008
18988	0.006
18989	0.004
18990	0.004
18991	0.003
18992	0.004
18993	0.004
18994	0.004
18995	0.005
18996	0.007
18997	0.007
18998	0.004
18999	0.003
19000	0
19001	0
19002	0
19003	0.001
19004	0.001
19005	0.002
19006	0.003
19007	0.002
19008	0.002
19009	0.003
19010	0.003
19011	0.004
19012	0.001
19013	0.001
19014	0.003
19015	0.002
19016	0.002
19017	0.003
19018	0.004
19019	0.004
19020	0.003
19021	0.003
19022	0.004
19023	0.004
19024	0.005
19025	0.006
19026	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19027	0.004
19028	0.003
19029	0.003
19030	0.002
19031	0.002
19032	0.002
19033	0.001
19034	0.002
19035	0.002
19036	0.001
19037	0.001
19038	0.001
19039	0.002
19040	0.002
19041	0.002
19042	0.002
19043	0.001
19044	0.001
19045	0.001
19046	0.001
19047	0.001
19048	0
19049	0
19050	0
19051	0.001
19052	0
19053	0.001
19054	0
19055	0
19056	0
19057	0
19058	0.001
19059	0.001
19060	0.001
19061	0.001
19062	0.001
19063	0.001
19064	0.001
19065	0
19066	0
19067	0.001
19068	0.001
19069	0.002
19070	0.002
19071	0.001
19072	0.001
19073	0.001
19074	0.001
19075	0
19076	0.001
19077	0.002
19078	0.001
19079	0.001
19080	0
19081	0
19082	0
19083	0
19084	0
19085	0
19086	0
19087	0.001
19088	0
19089	0
19090	0
19091	0
19092	0
19093	0
19094	0
19095	0
19096	0
19097	0
19098	0
19099	0
19100	0.001
19101	0
19102	0.001
19103	0.001
19104	0.001
19105	0
19106	0
19107	0.001
19108	0.002
19109	0
19110	0
19111	0
19112	0
19113	0
19114	0
19115	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19116	0
19117	0
19118	0
19119	0.001
19120	0.002
19121	0.001
19122	0.001
19123	0.001
19124	0.002
19125	0.001
19126	0.001
19127	0.004
19128	0.007
19129	0.004
19130	0.001
19131	0.003
19132	0.004
19133	0.002
19134	0.001
19135	0.001
19136	0.001
19137	0
19138	0
19139	0.001
19140	0.001
19141	0.001
19142	0
19143	0
19144	0
19145	0.001
19146	0
19147	0
19148	0
19149	0
19150	0.001
19151	0.002
19152	0.001
19153	0
19154	0
19155	0
19156	0
19157	0
19158	0
19159	0.001
19160	0.001
19161	0
19162	0
19163	0
19164	0.001
19165	0.001
19166	0
19167	0.001
19168	0
19169	0
19170	0
19171	0
19172	0
19173	0
19174	0.005
19175	0.006
19176	0.001
19177	0
19178	0
19179	0
19180	0
19181	0
19182	0
19183	0
19184	0.001
19185	0.001
19186	0
19187	0.001
19188	0.001
19189	0.001
19190	0
19191	0
19192	0
19193	0
19194	0.001
19195	0.001
19196	0.001
19197	0.001
19198	0.001
19199	0
19200	0
19201	0.001
19202	0
19203	0
19204	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19205	0
19206	0.001
19207	0.001
19208	0.001
19209	0.001
19210	0.001
19211	0.001
19212	0
19213	0
19214	0
19215	0.001
19216	0.001
19217	0
19218	0.001
19219	0.001
19220	0
19221	0.001
19222	0.001
19223	0.001
19224	0
19225	0
19226	0
19227	0
19228	0.001
19229	0.001
19230	0
19231	0
19232	0.001
19233	0
19234	0.001
19235	0.001
19236	0.001
19237	0.001
19238	0.001
19239	0.001
19240	0.001
19241	0.001
19242	0.001
19243	0.001
19244	0.001
19245	0.001
19246	0.001
19247	0.001
19248	0.001
19249	0.001
19250	0.001
19251	0.001
19252	0
19253	0.001
19254	0.001
19255	0.001
19256	0.001
19257	0.001
19258	0
19259	0.001
19260	0.001
19261	0.001
19262	0.001
19263	0
19264	0.001
19265	0.001
19266	0.001
19267	0.001
19268	0.001
19269	0.001
19270	0.002
19271	0.002
19272	0.001
19273	0.002
19274	0.002
19275	0.004
19276	0.008
19277	0.01
19278	0.01
19279	0.01
19280	0.009
19281	0.007
19282	0.008
19283	0.007
19284	0.003
19285	0.004
19286	0.004
19287	0.004
19288	0.004
19289	0.004
19290	0.004
19291	0.003
19292	0.003
19293	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19294	0.002
19295	0.002
19296	0.002
19297	0.001
19298	0.001
19299	0.001
19300	0
19301	0.001
19302	0.002
19303	0.001
19304	0
19305	0.001
19306	0.001
19307	0.002
19308	0.001
19309	0.001
19310	0
19311	0.001
19312	0.001
19313	0.001
19314	0.001
19315	0.001
19316	0.001
19317	0.001
19318	0
19319	0
19320	0
19321	0.001
19322	0.001
19323	0
19324	0
19325	0.001
19326	0.001
19327	0.001
19328	0.001
19329	0.001
19330	0.001
19331	0.001
19332	0.001
19333	0
19334	0
19335	0.003
19336	0.004
19337	0.001
19338	0
19339	0
19340	0
19341	0
19342	0
19343	0
19344	0
19345	0
19346	0
19347	0
19348	0.001
19349	0.002
19350	0.001
19351	0.001
19352	0.001
19353	0
19354	0
19355	0.001
19356	0.001
19357	0.001
19358	0
19359	0.001
19360	0.001
19361	0.001
19362	0.001
19363	0.001
19364	0.001
19365	0.001
19366	0.001
19367	0.001
19368	0.001
19369	0
19370	0
19371	0
19372	0
19373	0.001
19374	0.001
19375	0.001
19376	0.001
19377	0
19378	0.001
19379	0
19380	0.001
19381	0.001
19382	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19383	0.001
19384	0
19385	0.001
19386	0.001
19387	0.001
19388	0.001
19389	0
19390	0
19391	0
19392	0
19393	0
19394	0
19395	0.001
19396	0.001
19397	0.001
19398	0.001
19399	0.001
19400	0.001
19401	0.001
19402	0
19403	0
19404	0
19405	0.001
19406	0.001
19407	0.001
19408	0
19409	0
19410	0
19411	0
19412	0
19413	0
19414	0
19415	0.001
19416	0
19417	0
19418	0
19419	0.001
19420	0
19421	0
19422	0
19423	0.001
19424	0.001
19425	0.001
19426	0.001
19427	0.001
19428	0.001
19429	0
19430	0
19431	0
19432	0
19433	0
19434	0
19435	0
19436	0.001
19437	0
19438	0
19439	0.002
19440	0.003
19441	0.002
19442	0.002
19443	0.001
19444	0.001
19445	0.001
19446	0.002
19447	0.002
19448	0.002
19449	0.002
19450	0.005
19451	0.014
19452	0.022
19453	0.033
19454	0.042
19455	0.044
19456	0.036
19457	0.031
19458	0.026
19459	0.018
19460	0.014
19461	0.07
19462	0.081
19463	0.007
19464	0.004
19465	0.002
19466	0.002
19467	0.001
19468	0.001
19469	0.001
19470	0.002
19471	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19472	0.003
19473	0.005
19474	0.007
19475	0.009
19476	0.012
19477	0.014
19478	0.01
19479	0.01
19480	0.009
19481	0.007
19482	0.006
19483	0.007
19484	0.008
19485	0.008
19486	0.009
19487	0.01
19488	0.009
19489	0.007
19490	0.006
19491	0.005
19492	0.004
19493	0.003
19494	0.002
19495	0.001
19496	0.001
19497	0.001
19498	0.001
19499	0.001
19500	0
19501	0
19502	0
19503	0.001
19504	0.001
19505	0
19506	0.001
19507	0.001
19508	0
19509	0
19510	0
19511	0
19512	0
19513	0
19514	0.001
19515	0.001
19516	0.001
19517	0.001
19518	0.001
19519	0.001
19520	0
19521	0.001
19522	0.001
19523	0.001
19524	0.001
19525	0.002
19526	0.001
19527	0.001
19528	0.001
19529	0.001
19530	0.001
19531	0.001
19532	0.001
19533	0.001
19534	0.001
19535	0
19536	0
19537	0
19538	0.001
19539	0.001
19540	0
19541	0.001
19542	0
19543	0
19544	0.001
19545	0.001
19546	0.001
19547	0.001
19548	0.003
19549	0.003
19550	0.004
19551	0.004
19552	0.003
19553	0.004
19554	0.003
19555	0.001
19556	0.002
19557	0.002
19558	0.001
19559	0
19560	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19561	0
19562	0.001
19563	0.001
19564	0.002
19565	0.002
19566	0
19567	0
19568	0
19569	0.001
19570	0.001
19571	0.001
19572	0
19573	0.001
19574	0
19575	0.001
19576	0.001
19577	0.001
19578	0.001
19579	0.001
19580	0.001
19581	0.001
19582	0.001
19583	0
19584	0.001
19585	0.001
19586	0
19587	0
19588	0.001
19589	0.001
19590	0.002
19591	0.002
19592	0.002
19593	0.001
19594	0.004
19595	0.006
19596	0.005
19597	0.006
19598	0.007
19599	0.006
19600	0.005
19601	0.005
19602	0.006
19603	0.004
19604	0.002
19605	0.001
19606	0
19607	0
19608	0
19609	0
19610	0
19611	0
19612	0
19613	0.001
19614	0.001
19615	0.001
19616	0.001
19617	0.001
19618	0.002
19619	0.001
19620	0.001
19621	0.001
19622	0.001
19623	0.001
19624	0.001
19625	0.001
19626	0.002
19627	0.003
19628	0.003
19629	0
19630	0.001
19631	0.001
19632	0.001
19633	0.001
19634	0.001
19635	0
19636	0.001
19637	0.002
19638	0.001
19639	0.001
19640	0.001
19641	0.001
19642	0
19643	0
19644	0.002
19645	0.005
19646	0.007
19647	0.005
19648	0.004
19649	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19650	0.001
19651	0
19652	0
19653	0.001
19654	0.001
19655	0
19656	0
19657	0.001
19658	0.001
19659	0.001
19660	0.001
19661	0.001
19662	0
19663	0.001
19664	0.004
19665	0.005
19666	0.007
19667	0.007
19668	0.007
19669	0.008
19670	0.007
19671	0.005
19672	0.005
19673	0.005
19674	0.004
19675	0.002
19676	0.002
19677	0.002
19678	0.002
19679	0.002
19680	0.002
19681	0.002
19682	0.002
19683	0.002
19684	0.002
19685	0.001
19686	0.002
19687	0.001
19688	0.001
19689	0.002
19690	0.002
19691	0.001
19692	0.001
19693	0.001
19694	0.001
19695	0.001
19696	0.001
19697	0.001
19698	0.001
19699	0.001
19700	0.001
19701	0.001
19702	0
19703	0
19704	0.001
19705	0.001
19706	0.002
19707	0.004
19708	0.002
19709	0.001
19710	0.001
19711	0.001
19712	0.001
19713	0
19714	0
19715	0
19716	0.001
19717	0.001
19718	0.001
19719	0.001
19720	0.001
19721	0
19722	0.001
19723	0.001
19724	0.002
19725	0.002
19726	0.002
19727	0.002
19728	0.001
19729	0.001
19730	0.001
19731	0.001
19732	0.002
19733	0.002
19734	0.002
19735	0.002
19736	0.002
19737	0.002
19738	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19739	0.001
19740	0.002
19741	0.001
19742	0.001
19743	0.001
19744	0.001
19745	0.001
19746	0.001
19747	0.001
19748	0
19749	0.001
19750	0.001
19751	0.001
19752	0.001
19753	0.001
19754	0.001
19755	0.001
19756	0.001
19757	0.001
19758	0.001
19759	0.001
19760	0.002
19761	0.001
19762	0.001
19763	0.001
19764	0.001
19765	0.001
19766	0.001
19767	0.001
19768	0.001
19769	0.001
19770	0.002
19771	0.003
19772	0.003
19773	0.002
19774	0.002
19775	0.004
19776	0.008
19777	0.016
19778	0.02
19779	0.033
19780	0.033
19781	0.025
19782	0.029
19783	0.023
19784	0.014
19785	0.008
19786	0.004
19787	0.004
19788	0.004
19789	0.004
19790	0
19791	0.002
19792	0.001
19793	0.001
19794	0.001
19795	0.001
19796	0
19797	0
19798	0
19799	0
19800	0
19801	0.001
19802	0.001
19803	0
19804	0
19805	0
19806	0
19807	0
19808	0
19809	0
19810	0
19811	0
19812	0
19813	0
19814	0
19815	0
19816	0
19817	0
19818	0
19819	0
19820	0
19821	0
19822	0
19823	0
19824	0
19825	0.002
19826	0.002
19827	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19828	0.001
19829	0.001
19830	0.001
19831	0
19832	0
19833	0.001
19834	0.001
19835	0.002
19836	0.001
19837	0.001
19838	0.001
19839	0.001
19840	0.002
19841	0.002
19842	0.001
19843	0.001
19844	0.001
19845	0.001
19846	0.001
19847	0.001
19848	0.001
19849	0.001
19850	0.001
19851	0.001
19852	0.004
19853	0.005
19854	0.001
19855	0
19856	0.001
19857	0.001
19858	0
19859	0.001
19860	0.001
19861	0.002
19862	0.002
19863	0.001
19864	0.001
19865	0.001
19866	0.001
19867	0.001
19868	0.001
19869	0.003
19870	0.003
19871	0.003
19872	0.004
19873	0.003
19874	0.002
19875	0.002
19876	0.002
19877	0.002
19878	0.002
19879	0.001
19880	0.001
19881	0.002
19882	0.001
19883	0.001
19884	0.002
19885	0.002
19886	0.002
19887	0.002
19888	0.002
19889	0.001
19890	0.001
19891	0.001
19892	0
19893	0.002
19894	0.002
19895	0.001
19896	0.001
19897	0.002
19898	0.001
19899	0
19900	0.002
19901	0.003
19902	0
19903	0
19904	0
19905	0.001
19906	0
19907	0
19908	0
19909	0
19910	0
19911	0
19912	0
19913	0
19914	0.001
19915	0.001
19916	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

19917	0
19918	0
19919	0.001
19920	0.001
19921	0.001
19922	0.001
19923	0.002
19924	0.001
19925	0
19926	0.001
19927	0.001
19928	0.001
19929	0
19930	0
19931	0
19932	0
19933	0.001
19934	0.001
19935	0
19936	0
19937	0.001
19938	0.001
19939	0
19940	0.001
19941	0.001
19942	0.001
19943	0.001
19944	0.002
19945	0.005
19946	0.007
19947	0.006
19948	0.004
19949	0.003
19950	0.002
19951	0.001
19952	0.001
19953	0.002
19954	0.001
19955	0.001
19956	0.001
19957	0.001
19958	0.002
19959	0.004
19960	0.004
19961	0.002
19962	0.002
19963	0.004
19964	0.009
19965	0.01
19966	0.006
19967	0.003
19968	0.003
19969	0.002
19970	0.002
19971	0.002
19972	0.002
19973	0.003
19974	0.002
19975	0.003
19976	0.003
19977	0.003
19978	0.002
19979	0.002
19980	0.002
19981	0.002
19982	0.003
19983	0.003
19984	0.003
19985	0.003
19986	0.003
19987	0.003
19988	0.003
19989	0.003
19990	0.004
19991	0.004
19992	0.004
19993	0.003
19994	0.003
19995	0.003
19996	0.001
19997	0.001
19998	0.001
19999	0.001
20000	0.002
20001	0.002
20002	0.002
20003	0.001
20004	0.001
20005	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20006	0.001
20007	0.001
20008	0
20009	0.001
20010	0.001
20011	0
20012	0.001
20013	0.001
20014	0.001
20015	0.001
20016	0.001
20017	0.001
20018	0.001
20019	0.001
20020	0.001
20021	0.001
20022	0
20023	0
20024	0
20025	0
20026	0
20027	0.001
20028	0.001
20029	0.001
20030	0
20031	0
20032	0.001
20033	0.001
20034	0
20035	0.001
20036	0.001
20037	0
20038	0
20039	0
20040	0
20041	0
20042	0
20043	0
20044	0
20045	0
20046	0
20047	0
20048	0
20049	0.001
20050	0
20051	0.001
20052	0.001
20053	0.001
20054	0
20055	0
20056	0
20057	0
20058	0.001
20059	0.001
20060	0.001
20061	0.001
20062	0
20063	0
20064	0
20065	0.001
20066	0.001
20067	0.001
20068	0.001
20069	0.001
20070	0.001
20071	0.001
20072	0
20073	0
20074	0
20075	0
20076	0
20077	0
20078	0
20079	0
20080	0
20081	0
20082	0
20083	0.001
20084	0
20085	0
20086	0.001
20087	0.002
20088	0
20089	0
20090	0
20091	0
20092	0
20093	0
20094	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20095	0
20096	0
20097	0
20098	0
20099	0
20100	0
20101	0
20102	0
20103	0
20104	0.001
20105	0
20106	0
20107	0
20108	0
20109	0.001
20110	0.001
20111	0.001
20112	0
20113	0
20114	0.001
20115	0.001
20116	0
20117	0
20118	0.001
20119	0
20120	0
20121	0
20122	0
20123	0
20124	0
20125	0
20126	0.001
20127	0.001
20128	0.002
20129	0
20130	0
20131	0
20132	0.001
20133	0.001
20134	0
20135	0.001
20136	0.001
20137	0.001
20138	0
20139	0
20140	0.001
20141	0
20142	0
20143	0
20144	0.001
20145	0
20146	0
20147	0
20148	0
20149	0
20150	0
20151	0
20152	0
20153	0.002
20154	0.002
20155	0
20156	0
20157	0
20158	0
20159	0
20160	0
20161	0.002
20162	0.004
20163	0.002
20164	0.004
20165	0.004
20166	0.002
20167	0.003
20168	0.002
20169	0.002
20170	0.002
20171	0.002
20172	0.002
20173	0.005
20174	0.006
20175	0.004
20176	0.006
20177	0.006
20178	0.006
20179	0.006
20180	0.005
20181	0.007
20182	0.008
20183	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20184	0.004
20185	0.002
20186	0.002
20187	0.001
20188	0.001
20189	0.001
20190	0.001
20191	0
20192	0.001
20193	0.001
20194	0
20195	0
20196	0.001
20197	0.002
20198	0.001
20199	0.002
20200	0.001
20201	0.001
20202	0.001
20203	0.001
20204	0.001
20205	0.001
20206	0.001
20207	0.002
20208	0.001
20209	0.001
20210	0.001
20211	0.001
20212	0.001
20213	0
20214	0
20215	0.001
20216	0.001
20217	0.002
20218	0.002
20219	0.001
20220	0.001
20221	0.001
20222	0.001
20223	0.001
20224	0.001
20225	0.001
20226	0.001
20227	0.001
20228	0.001
20229	0.001
20230	0.001
20231	0.001
20232	0.001
20233	0.001
20234	0.002
20235	0.001
20236	0.001
20237	0.001
20238	0.001
20239	0.001
20240	0.002
20241	0.002
20242	0.002
20243	0.001
20244	0
20245	0
20246	0.001
20247	0.001
20248	0.001
20249	0
20250	0
20251	0
20252	0
20253	0
20254	0.001
20255	0.001
20256	0
20257	0
20258	0.001
20259	0.001
20260	0.001
20261	0.002
20262	0.001
20263	0.001
20264	0.001
20265	0
20266	0.001
20267	0.001
20268	0.001
20269	0.001
20270	0.001
20271	0.001
20272	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20273	0.001
20274	0.001
20275	0.001
20276	0.001
20277	0.001
20278	0
20279	0
20280	0.002
20281	0.001
20282	0.001
20283	0.001
20284	0.001
20285	0.001
20286	0.001
20287	0.001
20288	0.001
20289	0.001
20290	0.002
20291	0.001
20292	0.001
20293	0.002
20294	0.003
20295	0.004
20296	0.006
20297	0.01
20298	0.009
20299	0.007
20300	0.006
20301	0.006
20302	0.006
20303	0.008
20304	0.007
20305	0.006
20306	0.005
20307	0.005
20308	0.003
20309	0.002
20310	0.001
20311	0.001
20312	0.001
20313	0.001
20314	0.001
20315	0.001
20316	0.001
20317	0.002
20318	0
20319	0.001
20320	0.001
20321	0
20322	0.001
20323	0
20324	0
20325	0.001
20326	0.001
20327	0.001
20328	0
20329	0
20330	0.001
20331	0
20332	0.001
20333	0.001
20334	0
20335	0
20336	0
20337	0.001
20338	0.001
20339	0.001
20340	0
20341	0
20342	0
20343	0
20344	0.001
20345	0.001
20346	0.001
20347	0.001
20348	0.001
20349	0.001
20350	0.001
20351	0
20352	0
20353	0
20354	0
20355	0
20356	0
20357	0
20358	0
20359	0
20360	0.001
20361	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20362	0.003
20363	0.001
20364	0.001
20365	0
20366	0
20367	0
20368	0
20369	0
20370	0
20371	0.002
20372	0.004
20373	0
20374	0
20375	0
20376	0
20377	0
20378	0.001
20379	0.001
20380	0
20381	0
20382	0
20383	0
20384	0
20385	0
20386	0
20387	0.001
20388	0
20389	0
20390	0
20391	0
20392	0
20393	0
20394	0
20395	0.001
20396	0
20397	0
20398	0.001
20399	0
20400	0
20401	0
20402	0
20403	0
20404	0
20405	0.001
20406	0
20407	0
20408	0
20409	0
20410	0
20411	0
20412	0
20413	0
20414	0
20415	0
20416	0
20417	0.001
20418	0.001
20419	0.002
20420	0
20421	0
20422	0.001
20423	0.001
20424	0.001
20425	0
20426	0
20427	0.001
20428	0
20429	0
20430	0.001
20431	0.001
20432	0.001
20433	0.001
20434	0.001
20435	0
20436	0
20437	0.001
20438	0.001
20439	0.001
20440	0
20441	0
20442	0.001
20443	0.001
20444	0.001
20445	0
20446	0
20447	0.001
20448	0
20449	0
20450	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20451	0
20452	0.001
20453	0
20454	0
20455	0
20456	0.001
20457	0
20458	0
20459	0
20460	0
20461	0
20462	0
20463	0
20464	0.001
20465	0
20466	0
20467	0
20468	0
20469	0.001
20470	0.001
20471	0
20472	0
20473	0.001
20474	0.001
20475	0
20476	0
20477	0
20478	0
20479	0.001
20480	0.001
20481	0
20482	0
20483	0
20484	0
20485	0
20486	0
20487	0
20488	0
20489	0.001
20490	0.001
20491	0.001
20492	0.002
20493	0.002
20494	0
20495	0
20496	0
20497	0
20498	0
20499	0
20500	0.001
20501	0
20502	0
20503	0
20504	0
20505	0
20506	0.001
20507	0
20508	0
20509	0
20510	0
20511	0
20512	0
20513	0
20514	0
20515	0.001
20516	0
20517	0
20518	0
20519	0
20520	0
20521	0
20522	0
20523	0
20524	0
20525	0
20526	0
20527	0
20528	0
20529	0
20530	0
20531	0.006
20532	0.007
20533	0
20534	0
20535	0.001
20536	0.001
20537	0
20538	0
20539	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20540	0
20541	0
20542	0
20543	0.001
20544	0
20545	0
20546	0.001
20547	0
20548	0
20549	0.002
20550	0.003
20551	0.001
20552	0.001
20553	0.001
20554	0.001
20555	0
20556	0
20557	0.001
20558	0.001
20559	0.002
20560	0
20561	0
20562	0
20563	0
20564	0
20565	0.001
20566	0
20567	0.001
20568	0.002
20569	0.001
20570	0.001
20571	0
20572	0.001
20573	0.001
20574	0.001
20575	0
20576	0.001
20577	0
20578	0
20579	0
20580	0.001
20581	0
20582	0
20583	0.001
20584	0.001
20585	0.001
20586	0.002
20587	0
20588	0
20589	0
20590	0.001
20591	0.002
20592	0
20593	0.001
20594	0.001
20595	0.001
20596	0.001
20597	0.001
20598	0.001
20599	0.003
20600	0.004
20601	0.003
20602	0.001
20603	0.001
20604	0.001
20605	0.001
20606	0.001
20607	0.002
20608	0.002
20609	0.001
20610	0
20611	0
20612	0
20613	0.001
20614	0.002
20615	0.001
20616	0.001
20617	0.001
20618	0.001
20619	0
20620	0.001
20621	0.001
20622	0.001
20623	0
20624	0.001
20625	0.001
20626	0
20627	0
20628	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20629	0.001
20630	0.001
20631	0
20632	0
20633	0
20634	0
20635	0.002
20636	0.003
20637	0.001
20638	0.002
20639	0.002
20640	0.002
20641	0.001
20642	0.002
20643	0.002
20644	0.002
20645	0.002
20646	0.002
20647	0.001
20648	0.002
20649	0.002
20650	0.001
20651	0.002
20652	0.002
20653	0.002
20654	0.002
20655	0.002
20656	0.001
20657	0.002
20658	0.002
20659	0.002
20660	0.002
20661	0.002
20662	0.006
20663	0.007
20664	0.002
20665	0.002
20666	0.002
20667	0.002
20668	0.002
20669	0.002
20670	0.002
20671	0.002
20672	0.002
20673	0.002
20674	0.002
20675	0.001
20676	0.001
20677	0.002
20678	0.001
20679	0.001
20680	0.001
20681	0.001
20682	0.002
20683	0.002
20684	0.001
20685	0.001
20686	0.002
20687	0.002
20688	0.001
20689	0.001
20690	0.001
20691	0.002
20692	0.002
20693	0.001
20694	0.001
20695	0.002
20696	0.002
20697	0.001
20698	0.001
20699	0.001
20700	0.001
20701	0.001
20702	0.001
20703	0.001
20704	0.001
20705	0.001
20706	0.002
20707	0.002
20708	0.001
20709	0.002
20710	0.001
20711	0.001
20712	0.001
20713	0.001
20714	0.001
20715	0.001
20716	0.001
20717	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20718	0.001
20719	0.001
20720	0
20721	0.001
20722	0
20723	0.001
20724	0
20725	0
20726	0
20727	0.001
20728	0.001
20729	0.001
20730	0
20731	0
20732	0
20733	0
20734	0
20735	0
20736	0
20737	0
20738	0
20739	0
20740	0.001
20741	0
20742	0
20743	0.001
20744	0.001
20745	0.001
20746	0.001
20747	0.002
20748	0.002
20749	0.001
20750	0.001
20751	0
20752	0.001
20753	0
20754	0
20755	0
20756	0.001
20757	0.001
20758	0.001
20759	0.001
20760	0.001
20761	0.001
20762	0.001
20763	0
20764	0.001
20765	0.001
20766	0.001
20767	0.001
20768	0.001
20769	0.001
20770	0.001
20771	0.002
20772	0.001
20773	0.002
20774	0.004
20775	0.003
20776	0.001
20777	0
20778	0
20779	0
20780	0
20781	0.001
20782	0
20783	0
20784	0.001
20785	0.001
20786	0.001
20787	0.001
20788	0
20789	0.001
20790	0.001
20791	0
20792	0
20793	0
20794	0.001
20795	0
20796	0
20797	0.001
20798	0
20799	0
20800	0
20801	0
20802	0
20803	0
20804	0
20805	0.001
20806	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20807	0.001
20808	0.001
20809	0.001
20810	0.001
20811	0.001
20812	0.001
20813	0.001
20814	0.001
20815	0.001
20816	0.002
20817	0.001
20818	0
20819	0.001
20820	0.001
20821	0.001
20822	0.001
20823	0.001
20824	0.002
20825	0.002
20826	0.001
20827	0.001
20828	0.001
20829	0.001
20830	0.001
20831	0.001
20832	0.001
20833	0.001
20834	0
20835	0
20836	0
20837	0
20838	0.001
20839	0
20840	0
20841	0
20842	0.001
20843	0.001
20844	0.001
20845	0.001
20846	0.001
20847	0.001
20848	0.001
20849	0.001
20850	0
20851	0
20852	0.001
20853	0
20854	0
20855	0.001
20856	0
20857	0
20858	0.001
20859	0
20860	0.001
20861	0.001
20862	0.001
20863	0
20864	0
20865	0
20866	0
20867	0
20868	0
20869	0
20870	0
20871	0
20872	0.001
20873	0.002
20874	0.002
20875	0
20876	0
20877	0.001
20878	0
20879	0
20880	0
20881	0
20882	0
20883	0
20884	0
20885	0
20886	0
20887	0
20888	0
20889	0.001
20890	0
20891	0.001
20892	0.001
20893	0
20894	0
20895	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20896	0
20897	0
20898	0
20899	0
20900	0
20901	0.001
20902	0.002
20903	0.001
20904	0
20905	0
20906	0.001
20907	0
20908	0
20909	0
20910	0
20911	0
20912	0
20913	0
20914	0
20915	0
20916	0
20917	0
20918	0
20919	0
20920	0
20921	0
20922	0
20923	0.001
20924	0.001
20925	0
20926	0
20927	0.001
20928	0.001
20929	0
20930	0
20931	0.001
20932	0.001
20933	0
20934	0.001
20935	0
20936	0
20937	0
20938	0
20939	0
20940	0
20941	0
20942	0
20943	0.001
20944	0
20945	0
20946	0
20947	0
20948	0
20949	0
20950	0
20951	0
20952	0
20953	0
20954	0
20955	0
20956	0
20957	0
20958	0
20959	0
20960	0
20961	0
20962	0
20963	0
20964	0
20965	0
20966	0
20967	0
20968	0
20969	0
20970	0
20971	0
20972	0
20973	0
20974	0
20975	0
20976	0
20977	0
20978	0
20979	0
20980	0
20981	0
20982	0
20983	0
20984	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

20985	0
20986	0
20987	0.001
20988	0
20989	0
20990	0
20991	0
20992	0
20993	0
20994	0
20995	0
20996	0
20997	0
20998	0
20999	0
21000	0
21001	0
21002	0.001
21003	0
21004	0
21005	0.001
21006	0.001
21007	0
21008	0
21009	0
21010	0
21011	0
21012	0
21013	0
21014	0
21015	0
21016	0
21017	0
21018	0
21019	0
21020	0
21021	0
21022	0
21023	0
21024	0.001
21025	0
21026	0
21027	0
21028	0
21029	0
21030	0
21031	0
21032	0
21033	0
21034	0
21035	0
21036	0
21037	0
21038	0
21039	0
21040	0
21041	0
21042	0
21043	0
21044	0
21045	0
21046	0
21047	0
21048	0
21049	0.001
21050	0.001
21051	0
21052	0
21053	0
21054	0
21055	0
21056	0
21057	0
21058	0
21059	0.001
21060	0
21061	0
21062	0
21063	0
21064	0
21065	0
21066	0
21067	0
21068	0
21069	0
21070	0
21071	0
21072	0
21073	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21074	0
21075	0
21076	0
21077	0
21078	0
21079	0
21080	0
21081	0
21082	0
21083	0
21084	0
21085	0
21086	0.001
21087	0
21088	0
21089	0.001
21090	0
21091	0
21092	0
21093	0
21094	0
21095	0
21096	0
21097	0
21098	0
21099	0
21100	0
21101	0
21102	0
21103	0
21104	0
21105	0
21106	0
21107	0
21108	0
21109	0
21110	0
21111	0
21112	0
21113	0
21114	0
21115	0.001
21116	0
21117	0.001
21118	0
21119	0
21120	0.001
21121	0.001
21122	0
21123	0
21124	0
21125	0
21126	0
21127	0
21128	0.001
21129	0.001
21130	0
21131	0
21132	0.001
21133	0
21134	0.001
21135	0
21136	0
21137	0
21138	0
21139	0
21140	0.001
21141	0.001
21142	0.001
21143	0
21144	0
21145	0
21146	0
21147	0
21148	0
21149	0.001
21150	0.001
21151	0
21152	0
21153	0
21154	0.001
21155	0.001
21156	0.001
21157	0
21158	0.001
21159	0
21160	0
21161	0
21162	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21163	0
21164	0
21165	0
21166	0.001
21167	0
21168	0
21169	0
21170	0
21171	0
21172	0.001
21173	0.001
21174	0
21175	0
21176	0.001
21177	0.001
21178	0
21179	0.001
21180	0
21181	0
21182	0
21183	0
21184	0
21185	0
21186	0
21187	0
21188	0.001
21189	0.001
21190	0
21191	0.001
21192	0
21193	0
21194	0
21195	0
21196	0
21197	0
21198	0
21199	0
21200	0
21201	0
21202	0
21203	0
21204	0
21205	0
21206	0
21207	0
21208	0
21209	0
21210	0
21211	0
21212	0
21213	0
21214	0.001
21215	0
21216	0.001
21217	0
21218	0
21219	0
21220	0
21221	0
21222	0.001
21223	0.002
21224	0.001
21225	0.001
21226	0
21227	0
21228	0
21229	0.001
21230	0
21231	0
21232	0
21233	0
21234	0.001
21235	0
21236	0
21237	0
21238	0
21239	0
21240	0
21241	0
21242	0.001
21243	0
21244	0
21245	0.001
21246	0
21247	0
21248	0
21249	0
21250	0
21251	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21252	0
21253	0
21254	0
21255	0
21256	0.001
21257	0.001
21258	0
21259	0
21260	0
21261	0
21262	0
21263	0
21264	0.001
21265	0.001
21266	0
21267	0
21268	0.001
21269	0.001
21270	0
21271	0.001
21272	0
21273	0
21274	0
21275	0
21276	0
21277	0
21278	0
21279	0
21280	0.001
21281	0
21282	0.001
21283	0
21284	0
21285	0
21286	0
21287	0.001
21288	0
21289	0
21290	0
21291	0
21292	0
21293	0.001
21294	0
21295	0
21296	0.001
21297	0
21298	0
21299	0
21300	0.001
21301	0
21302	0
21303	0.001
21304	0.001
21305	0.001
21306	0
21307	0
21308	0.001
21309	0.001
21310	0
21311	0.001
21312	0.001
21313	0
21314	0
21315	0.001
21316	0.001
21317	0.001
21318	0.001
21319	0
21320	0
21321	0
21322	0
21323	0.001
21324	0
21325	0.001
21326	0
21327	0
21328	0
21329	0.001
21330	0.001
21331	0
21332	0
21333	0
21334	0.001
21335	0
21336	0
21337	0
21338	0
21339	0.001
21340	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21341	0
21342	0
21343	0
21344	0.001
21345	0.002
21346	0.001
21347	0.001
21348	0.002
21349	0.004
21350	0.002
21351	0.001
21352	0
21353	0
21354	0
21355	0
21356	0
21357	0
21358	0
21359	0.001
21360	0
21361	0
21362	0
21363	0.001
21364	0.002
21365	0.001
21366	0.001
21367	0
21368	0.001
21369	0.001
21370	0
21371	0.001
21372	0.001
21373	0
21374	0
21375	0
21376	0.001
21377	0.002
21378	0
21379	0
21380	0.001
21381	0.003
21382	0.003
21383	0.001
21384	0.004
21385	0.001
21386	0
21387	0.001
21388	0.001
21389	0
21390	0
21391	0
21392	0
21393	0
21394	0
21395	0
21396	0
21397	0.001
21398	0.001
21399	0
21400	0
21401	0
21402	0.001
21403	0.001
21404	0
21405	0
21406	0
21407	0
21408	0
21409	0.001
21410	0.001
21411	0
21412	0
21413	0.001
21414	0.001
21415	0.001
21416	0.003
21417	0.004
21418	0.002
21419	0.001
21420	0.001
21421	0.001
21422	0.002
21423	0.002
21424	0.001
21425	0.002
21426	0.002
21427	0.001
21428	0.002
21429	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21430	0.001
21431	0.001
21432	0.001
21433	0.001
21434	0.001
21435	0
21436	0.001
21437	0
21438	0
21439	0
21440	0
21441	0
21442	0.001
21443	0.001
21444	0
21445	0
21446	0
21447	0
21448	0
21449	0
21450	0.001
21451	0.001
21452	0.001
21453	0
21454	0
21455	0
21456	0
21457	0.001
21458	0
21459	0
21460	0.001
21461	0.001
21462	0.001
21463	0
21464	0.001
21465	0.002
21466	0.001
21467	0.004
21468	0.003
21469	0.002
21470	0.002
21471	0
21472	0.004
21473	0.019
21474	0.017
21475	0.003
21476	0.001
21477	0.002
21478	0.001
21479	0.001
21480	0.002
21481	0
21482	0
21483	0
21484	0
21485	0
21486	0
21487	0
21488	0
21489	0
21490	0
21491	0
21492	0
21493	0
21494	0
21495	0.001
21496	0.001
21497	0.001
21498	0.002
21499	0.001
21500	0
21501	0
21502	0
21503	0
21504	0
21505	0.001
21506	0
21507	0.001
21508	0.001
21509	0.001
21510	0.001
21511	0
21512	0
21513	0.001
21514	0.001
21515	0
21516	0.001
21517	0.001
21518	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21519	0
21520	0
21521	0
21522	0
21523	0
21524	0.001
21525	0.001
21526	0.001
21527	0
21528	0
21529	0.001
21530	0.001
21531	0
21532	0.001
21533	0.002
21534	0
21535	0.001
21536	0.001
21537	0.001
21538	0
21539	0.001
21540	0.001
21541	0
21542	0
21543	0
21544	0.001
21545	0.001
21546	0.001
21547	0.001
21548	0
21549	0
21550	0
21551	0.001
21552	0.001
21553	0.001
21554	0
21555	0.001
21556	0.001
21557	0.001
21558	0.001
21559	0.002
21560	0.002
21561	0.002
21562	0.001
21563	0.001
21564	0
21565	0.001
21566	0
21567	0
21568	0
21569	0.001
21570	0.002
21571	0
21572	0
21573	0.001
21574	0.001
21575	0.001
21576	0
21577	0
21578	0
21579	0.001
21580	0.001
21581	0.001
21582	0.002
21583	0.001
21584	0.001
21585	0.001
21586	0.001
21587	0.001
21588	0.002
21589	0.004
21590	0
21591	0.001
21592	0.001
21593	0.001
21594	0
21595	0.001
21596	0.001
21597	0.002
21598	0.003
21599	0.005
21600	0.006
21601	0.005
21602	0.005
21603	0.003
21604	0.001
21605	0.001
21606	0.001
21607	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21608	0.001
21609	0
21610	0.001
21611	0.002
21612	0.002
21613	0.002
21614	0.002
21615	0.002
21616	0.002
21617	0.002
21618	0.002
21619	0.002
21620	0.002
21621	0.002
21622	0.001
21623	0.001
21624	0.001
21625	0.002
21626	0.002
21627	0.002
21628	0.002
21629	0.002
21630	0.002
21631	0.002
21632	0.002
21633	0.002
21634	0.002
21635	0.002
21636	0.003
21637	0.003
21638	0.004
21639	0.004
21640	0.004
21641	0.003
21642	0.003
21643	0.003
21644	0.004
21645	0.004
21646	0.002
21647	0.002
21648	0.002
21649	0.002
21650	0.002
21651	0.002
21652	0.003
21653	0.003
21654	0.003
21655	0.003
21656	0.003
21657	0.003
21658	0.003
21659	0.004
21660	0.003
21661	0.004
21662	0.005
21663	0.004
21664	0.004
21665	0.004
21666	0.003
21667	0.002
21668	0.002
21669	0.002
21670	0.002
21671	0.002
21672	0.002
21673	0.002
21674	0.003
21675	0.002
21676	0.002
21677	0.001
21678	0.001
21679	0.001
21680	0.002
21681	0.002
21682	0
21683	0.001
21684	0.001
21685	0.001
21686	0.001
21687	0.001
21688	0
21689	0.001
21690	0.001
21691	0.001
21692	0.001
21693	0
21694	0.001
21695	0.001
21696	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21697	0.002
21698	0.001
21699	0.002
21700	0.002
21701	0.001
21702	0.001
21703	0.001
21704	0
21705	0
21706	0
21707	0.001
21708	0
21709	0
21710	0.001
21711	0.001
21712	0.001
21713	0.001
21714	0.001
21715	0.001
21716	0.001
21717	0
21718	0.001
21719	0.001
21720	0.002
21721	0.002
21722	0.001
21723	0.001
21724	0.001
21725	0.001
21726	0.001
21727	0.001
21728	0.001
21729	0.001
21730	0
21731	0.001
21732	0.001
21733	0.001
21734	0.001
21735	0.001
21736	0.001
21737	0.001
21738	0.001
21739	0
21740	0
21741	0
21742	0.001
21743	0
21744	0
21745	0
21746	0
21747	0
21748	0
21749	0
21750	0
21751	0.001
21752	0.001
21753	0
21754	0
21755	0.001
21756	0
21757	0
21758	0
21759	0
21760	0
21761	0.001
21762	0.001
21763	0.001
21764	0.001
21765	0.001
21766	0
21767	0
21768	0
21769	0
21770	0
21771	0
21772	0.001
21773	0.001
21774	0
21775	0
21776	0
21777	0
21778	0
21779	0
21780	0
21781	0.001
21782	0
21783	0
21784	0.001
21785	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21786	0
21787	0
21788	0
21789	0
21790	0
21791	0
21792	0
21793	0
21794	0
21795	0
21796	0
21797	0
21798	0
21799	0
21800	0
21801	0
21802	0
21803	0
21804	0
21805	0
21806	0
21807	0
21808	0
21809	0
21810	0
21811	0
21812	0
21813	0
21814	0
21815	0
21816	0
21817	0.001
21818	0
21819	0
21820	0
21821	0
21822	0
21823	0
21824	0
21825	0
21826	0
21827	0
21828	0
21829	0.002
21830	0.002
21831	0
21832	0.001
21833	0
21834	0
21835	0
21836	0
21837	0
21838	0
21839	0
21840	0
21841	0.001
21842	0
21843	0
21844	0
21845	0
21846	0
21847	0
21848	0
21849	0
21850	0
21851	0
21852	0
21853	0
21854	0
21855	0
21856	0
21857	0
21858	0
21859	0
21860	0
21861	0
21862	0
21863	0
21864	0
21865	0
21866	0
21867	0.001
21868	0
21869	0
21870	0
21871	0
21872	0
21873	0
21874	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21875	0
21876	0
21877	0.001
21878	0
21879	0
21880	0
21881	0
21882	0
21883	0
21884	0
21885	0.001
21886	0.001
21887	0.001
21888	0
21889	0
21890	0
21891	0
21892	0
21893	0
21894	0
21895	0
21896	0
21897	0
21898	0
21899	0
21900	0
21901	0
21902	0
21903	0
21904	0
21905	0
21906	0
21907	0
21908	0.001
21909	0.001
21910	0.001
21911	0.002
21912	0.001
21913	0
21914	0
21915	0
21916	0
21917	0
21918	0
21919	0
21920	0
21921	0
21922	0
21923	0
21924	0
21925	0
21926	0
21927	0
21928	0
21929	0
21930	0
21931	0
21932	0
21933	0
21934	0
21935	0
21936	0
21937	0
21938	0
21939	0
21940	0
21941	0
21942	0
21943	0
21944	0
21945	0
21946	0
21947	0
21948	0
21949	0
21950	0
21951	0
21952	0
21953	0
21954	0
21955	0
21956	0
21957	0
21958	0
21959	0
21960	0
21961	0
21962	0
21963	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

21964	0
21965	0.001
21966	0
21967	0
21968	0
21969	0
21970	0
21971	0
21972	0
21973	0.002
21974	0.002
21975	0
21976	0
21977	0
21978	0
21979	0
21980	0
21981	0
21982	0
21983	0.001
21984	0.001
21985	0
21986	0
21987	0
21988	0
21989	0
21990	0
21991	0
21992	0
21993	0
21994	0
21995	0
21996	0
21997	0
21998	0
21999	0
22000	0
22001	0
22002	0.001
22003	0
22004	0.001
22005	0
22006	0
22007	0.006
22008	0.009
22009	0.003
22010	0.001
22011	0.001
22012	0
22013	0
22014	0
22015	0.001
22016	0.001
22017	0
22018	0
22019	0
22020	0
22021	0.001
22022	0
22023	0
22024	0
22025	0.001
22026	0.001
22027	0
22028	0
22029	0
22030	0
22031	0.001
22032	0.001
22033	0.001
22034	0
22035	0
22036	0.001
22037	0.001
22038	0.002
22039	0
22040	0
22041	0
22042	0.006
22043	0.007
22044	0.001
22045	0
22046	0.005
22047	0.005
22048	0.002
22049	0.003
22050	0.001
22051	0
22052	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22053	0.001
22054	0
22055	0
22056	0
22057	0
22058	0
22059	0
22060	0
22061	0
22062	0
22063	0
22064	0
22065	0
22066	0
22067	0
22068	0
22069	0
22070	0
22071	0
22072	0
22073	0
22074	0
22075	0
22076	0
22077	0
22078	0.001
22079	0
22080	0
22081	0
22082	0
22083	0
22084	0
22085	0
22086	0
22087	0
22088	0.001
22089	0.001
22090	0
22091	0
22092	0.001
22093	0.002
22094	0.002
22095	0.001
22096	0.002
22097	0
22098	0
22099	0
22100	0.001
22101	0
22102	0.001
22103	0.002
22104	0
22105	0
22106	0
22107	0
22108	0
22109	0
22110	0
22111	0.001
22112	0.001
22113	0
22114	0.001
22115	0.001
22116	0.001
22117	0
22118	0.001
22119	0.001
22120	0
22121	0.001
22122	0.001
22123	0.001
22124	0
22125	0
22126	0
22127	0.002
22128	0.002
22129	0
22130	0.002
22131	0.003
22132	0
22133	0
22134	0
22135	0
22136	0
22137	0
22138	0
22139	0
22140	0
22141	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22142	0
22143	0
22144	0
22145	0
22146	0
22147	0
22148	0
22149	0
22150	0
22151	0
22152	0
22153	0
22154	0
22155	0
22156	0
22157	0
22158	0.001
22159	0
22160	0
22161	0.001
22162	0.002
22163	0
22164	0
22165	0
22166	0
22167	0
22168	0
22169	0
22170	0
22171	0
22172	0
22173	0
22174	0
22175	0
22176	0
22177	0
22178	0
22179	0
22180	0
22181	0
22182	0
22183	0
22184	0
22185	0
22186	0
22187	0
22188	0
22189	0
22190	0
22191	0
22192	0
22193	0
22194	0
22195	0
22196	0
22197	0
22198	0
22199	0
22200	0
22201	0
22202	0
22203	0.001
22204	0
22205	0
22206	0
22207	0
22208	0.001
22209	0
22210	0
22211	0.001
22212	0.001
22213	0
22214	0.001
22215	0
22216	0
22217	0
22218	0
22219	0.001
22220	0
22221	0
22222	0
22223	0
22224	0
22225	0.001
22226	0
22227	0
22228	0
22229	0.001
22230	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22231	0
22232	0
22233	0
22234	0
22235	0
22236	0.001
22237	0.001
22238	0.002
22239	0
22240	0
22241	0
22242	0
22243	0
22244	0
22245	0
22246	0.001
22247	0
22248	0
22249	0.004
22250	0
22251	0
22252	0
22253	0
22254	0
22255	0
22256	0
22257	0
22258	0
22259	0
22260	0
22261	0
22262	0
22263	0
22264	0
22265	0
22266	0
22267	0
22268	0
22269	0
22270	0
22271	0.001
22272	0.001
22273	0
22274	0
22275	0
22276	0
22277	0
22278	0
22279	0
22280	0
22281	0.001
22282	0.001
22283	0
22284	0
22285	0
22286	0
22287	0
22288	0
22289	0
22290	0.001
22291	0
22292	0
22293	0
22294	0
22295	0.001
22296	0.001
22297	0
22298	0
22299	0
22300	0
22301	0
22302	0
22303	0
22304	0
22305	0
22306	0.001
22307	0
22308	0
22309	0
22310	0
22311	0
22312	0
22313	0
22314	0
22315	0
22316	0.001
22317	0
22318	0
22319	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22320	0
22321	0
22322	0
22323	0
22324	0
22325	0.001
22326	0.002
22327	0.001
22328	0
22329	0
22330	0.001
22331	0
22332	0
22333	0
22334	0
22335	0
22336	0
22337	0
22338	0
22339	0
22340	0
22341	0
22342	0
22343	0
22344	0
22345	0.002
22346	0.013
22347	0.029
22348	0.032
22349	0.025
22350	0.019
22351	0.016
22352	0.013
22353	0.009
22354	0.004
22355	0.002
22356	0.001
22357	0.001
22358	0
22359	0
22360	0
22361	0
22362	0
22363	0
22364	0
22365	0
22366	0
22367	0
22368	0
22369	0
22370	0
22371	0
22372	0
22373	0.001
22374	0
22375	0
22376	0
22377	0.001
22378	0.002
22379	0
22380	0
22381	0
22382	0
22383	0
22384	0
22385	0
22386	0
22387	0
22388	0
22389	0
22390	0
22391	0
22392	0
22393	0
22394	0
22395	0.001
22396	0.001
22397	0
22398	0
22399	0
22400	0
22401	0
22402	0
22403	0
22404	0
22405	0.001
22406	0.001
22407	0.001
22408	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22409	0.002
22410	0.002
22411	0.001
22412	0.002
22413	0.002
22414	0.002
22415	0.002
22416	0.002
22417	0.002
22418	0.002
22419	0.002
22420	0.002
22421	0.002
22422	0.003
22423	0.002
22424	0.002
22425	0.002
22426	0.001
22427	0.002
22428	0.002
22429	0.002
22430	0.001
22431	0.001
22432	0.002
22433	0.002
22434	0.002
22435	0.002
22436	0.002
22437	0.002
22438	0.002
22439	0.002
22440	0.003
22441	0.005
22442	0.002
22443	0.002
22444	0.002
22445	0.001
22446	0.001
22447	0.001
22448	0.001
22449	0.001
22450	0.001
22451	0.002
22452	0.002
22453	0.002
22454	0.002
22455	0.002
22456	0.001
22457	0.001
22458	0.001
22459	0.001
22460	0.001
22461	0.001
22462	0.001
22463	0.001
22464	0.002
22465	0.002
22466	0.001
22467	0.001
22468	0.001
22469	0.001
22470	0.001
22471	0.001
22472	0.001
22473	0.001
22474	0.001
22475	0
22476	0.001
22477	0.001
22478	0.001
22479	0.001
22480	0.001
22481	0.001
22482	0.004
22483	0.004
22484	0.001
22485	0.001
22486	0.002
22487	0.001
22488	0.001
22489	0.001
22490	0.001
22491	0.002
22492	0.001
22493	0.001
22494	0.001
22495	0.001
22496	0.001
22497	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22498	0.001
22499	0.001
22500	0.002
22501	0.001
22502	0.001
22503	0.001
22504	0.001
22505	0.002
22506	0.002
22507	0
22508	0
22509	0
22510	0
22511	0.001
22512	0.001
22513	0.001
22514	0.002
22515	0.001
22516	0
22517	0.001
22518	0.001
22519	0.001
22520	0.001
22521	0.001
22522	0
22523	0.001
22524	0.001
22525	0
22526	0
22527	0.001
22528	0
22529	0.001
22530	0.001
22531	0
22532	0.002
22533	0.003
22534	0.003
22535	0.005
22536	0.003
22537	0.002
22538	0.005
22539	0.009
22540	0.009
22541	0.009
22542	0.008
22543	0.006
22544	0.008
22545	0.011
22546	0.01
22547	0.006
22548	0.005
22549	0.004
22550	0.003
22551	0.003
22552	0.005
22553	0.003
22554	0.002
22555	0.003
22556	0.003
22557	0.003
22558	0.003
22559	0.003
22560	0.004
22561	0.004
22562	0.003
22563	0.003
22564	0.003
22565	0.003
22566	0.002
22567	0.002
22568	0.002
22569	0.001
22570	0.001
22571	0.001
22572	0
22573	0
22574	0
22575	0
22576	0
22577	0
22578	0
22579	0
22580	0.001
22581	0
22582	0.001
22583	0.002
22584	0.002
22585	0.001
22586	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22587	0.001
22588	0
22589	0.001
22590	0
22591	0.001
22592	0.001
22593	0
22594	0.001
22595	0.001
22596	0.001
22597	0.001
22598	0.001
22599	0.001
22600	0.001
22601	0
22602	0.001
22603	0.001
22604	0.001
22605	0.001
22606	0.001
22607	0.001
22608	0.002
22609	0.001
22610	0.002
22611	0.001
22612	0.001
22613	0.001
22614	0.001
22615	0.001
22616	0.001
22617	0.001
22618	0.001
22619	0.002
22620	0.004
22621	0.004
22622	0.001
22623	0.001
22624	0.001
22625	0.001
22626	0
22627	0
22628	0.001
22629	0.001
22630	0.001
22631	0.001
22632	0.001
22633	0
22634	0
22635	0
22636	0.001
22637	0.002
22638	0.002
22639	0.001
22640	0.001
22641	0.002
22642	0.002
22643	0.001
22644	0.001
22645	0.001
22646	0.001
22647	0.002
22648	0.002
22649	0.001
22650	0.001
22651	0
22652	0.001
22653	0
22654	0.001
22655	0.001
22656	0
22657	0
22658	0
22659	0.001
22660	0.001
22661	0.001
22662	0.001
22663	0.001
22664	0.001
22665	0.001
22666	0
22667	0.001
22668	0.002
22669	0.002
22670	0.001
22671	0
22672	0
22673	0
22674	0.001
22675	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22676	0.001
22677	0.001
22678	0.001
22679	0.001
22680	0.002
22681	0.001
22682	0
22683	0
22684	0.001
22685	0.001
22686	0.001
22687	0.001
22688	0
22689	0.001
22690	0.001
22691	0
22692	0.001
22693	0
22694	0.001
22695	0.001
22696	0.001
22697	0.001
22698	0.001
22699	0
22700	0.001
22701	0.001
22702	0.001
22703	0.001
22704	0
22705	0
22706	0
22707	0.001
22708	0
22709	0
22710	0.001
22711	0.001
22712	0.001
22713	0.001
22714	0.001
22715	0.001
22716	0.001
22717	0.001
22718	0.001
22719	0.001
22720	0
22721	0
22722	0.001
22723	0.001
22724	0.001
22725	0.001
22726	0.001
22727	0.001
22728	0
22729	0.001
22730	0
22731	0
22732	0
22733	0
22734	0.001
22735	0.001
22736	0
22737	0
22738	0.001
22739	0.001
22740	0.001
22741	0
22742	0.001
22743	0.001
22744	0.001
22745	0.001
22746	0
22747	0.001
22748	0.002
22749	0
22750	0.001
22751	0
22752	0
22753	0
22754	0
22755	0
22756	0.001
22757	0
22758	0.001
22759	0.001
22760	0
22761	0
22762	0.002
22763	0.001
22764	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22765	0.001
22766	0
22767	0.001
22768	0
22769	0
22770	0
22771	0
22772	0
22773	0.001
22774	0
22775	0
22776	0
22777	0
22778	0
22779	0
22780	0
22781	0.001
22782	0.001
22783	0
22784	0
22785	0.001
22786	0
22787	0
22788	0
22789	0
22790	0
22791	0
22792	0.001
22793	0.001
22794	0
22795	0.001
22796	0.001
22797	0
22798	0
22799	0
22800	0
22801	0.001
22802	0.001
22803	0
22804	0.001
22805	0.001
22806	0
22807	0
22808	0.001
22809	0
22810	0
22811	0.001
22812	0
22813	0
22814	0.001
22815	0.002
22816	0
22817	0
22818	0
22819	0
22820	0.001
22821	0.001
22822	0.001
22823	0
22824	0.001
22825	0
22826	0
22827	0.001
22828	0.001
22829	0.001
22830	0.001
22831	0.001
22832	0
22833	0
22834	0
22835	0.001
22836	0.001
22837	0.001
22838	0
22839	0
22840	0
22841	0.001
22842	0.001
22843	0.001
22844	0
22845	0
22846	0.001
22847	0.002
22848	0.002
22849	0.001
22850	0.001
22851	0.001
22852	0.001
22853	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22854	0.001
22855	0
22856	0.001
22857	0.001
22858	0.001
22859	0
22860	0.001
22861	0.002
22862	0.001
22863	0.001
22864	0.001
22865	0
22866	0.001
22867	0
22868	0.001
22869	0.001
22870	0.001
22871	0
22872	0.001
22873	0.001
22874	0
22875	0.001
22876	0.001
22877	0.001
22878	0.001
22879	0
22880	0.001
22881	0.001
22882	0.001
22883	0.001
22884	0.001
22885	0.001
22886	0.001
22887	0
22888	0.001
22889	0.001
22890	0.001
22891	0.003
22892	0
22893	0.001
22894	0.001
22895	0
22896	0
22897	0
22898	0
22899	0
22900	0.001
22901	0.001
22902	0.001
22903	0.001
22904	0.001
22905	0.005
22906	0.015
22907	0.029
22908	0.032
22909	0.024
22910	0.014
22911	0.008
22912	0.005
22913	0.003
22914	0.003
22915	0.004
22916	0.003
22917	0.003
22918	0.003
22919	0.005
22920	0.01
22921	0.018
22922	0.033
22923	0.034
22924	0.022
22925	0.015
22926	0.012
22927	0.009
22928	0.01
22929	0.01
22930	0.009
22931	0.006
22932	0.005
22933	0.004
22934	0.003
22935	0.003
22936	0.002
22937	0.002
22938	0.002
22939	0.005
22940	0.006
22941	0.004
22942	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

22943	0.002
22944	0.002
22945	0.003
22946	0.006
22947	0.016
22948	0.019
22949	0.018
22950	0.019
22951	0.019
22952	0.02
22953	0.022
22954	0.025
22955	0.026
22956	0.022
22957	0.014
22958	0.008
22959	0.005
22960	0.005
22961	0.005
22962	0.004
22963	0.004
22964	0.006
22965	0.009
22966	0.009
22967	0.008
22968	0.005
22969	0.002
22970	0.002
22971	0.002
22972	0.002
22973	0.001
22974	0.002
22975	0.002
22976	0.002
22977	0.002
22978	0.002
22979	0.003
22980	0.004
22981	0.005
22982	0.006
22983	0.005
22984	0.005
22985	0.004
22986	0.004
22987	0.003
22988	0.003
22989	0.002
22990	0.002
22991	0.001
22992	0.002
22993	0.002
22994	0.002
22995	0.001
22996	0.002
22997	0.002
22998	0.002
22999	0.002
23000	0.002
23001	0.002
23002	0.003
23003	0.002
23004	0.002
23005	0.002
23006	0.002
23007	0.002
23008	0.002
23009	0.002
23010	0.008
23011	0.016
23012	0.015
23013	0.011
23014	0.012
23015	0.008
23016	0.005
23017	0.003
23018	0.003
23019	0.003
23020	0.002
23021	0.003
23022	0.003
23023	0.004
23024	0.004
23025	0.005
23026	0.004
23027	0.003
23028	0.003
23029	0.003
23030	0.003
23031	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23032	0.002
23033	0.002
23034	0.002
23035	0.003
23036	0.002
23037	0.002
23038	0.002
23039	0.002
23040	0.003
23041	0.007
23042	0.01
23043	0.01
23044	0.006
23045	0.01
23046	0.016
23047	0.014
23048	0.01
23049	0.008
23050	0.01
23051	0.007
23052	0.005
23053	0.004
23054	0.004
23055	0.003
23056	0.003
23057	0.003
23058	0.004
23059	0.004
23060	0.004
23061	0.005
23062	0.003
23063	0.003
23064	0.004
23065	0.002
23066	0.002
23067	0.002
23068	0.001
23069	0.002
23070	0.002
23071	0.002
23072	0.002
23073	0.002
23074	0.001
23075	0.001
23076	0.002
23077	0.002
23078	0.001
23079	0.002
23080	0.002
23081	0.002
23082	0.002
23083	0.002
23084	0.002
23085	0.003
23086	0.004
23087	0.002
23088	0.003
23089	0.003
23090	0.001
23091	0.002
23092	0.001
23093	0.001
23094	0.001
23095	0.001
23096	0.001
23097	0.001
23098	0.001
23099	0.004
23100	0.005
23101	0.001
23102	0.002
23103	0.002
23104	0.002
23105	0.001
23106	0.002
23107	0.002
23108	0.002
23109	0.003
23110	0.002
23111	0.002
23112	0.002
23113	0.002
23114	0.002
23115	0.001
23116	0.001
23117	0.001
23118	0.003
23119	0.003
23120	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23121	0.001
23122	0.001
23123	0.002
23124	0.002
23125	0.001
23126	0.001
23127	0.001
23128	0.001
23129	0.001
23130	0.001
23131	0.001
23132	0.001
23133	0.001
23134	0.001
23135	0.001
23136	0
23137	0
23138	0.001
23139	0.001
23140	0.001
23141	0.001
23142	0.001
23143	0.001
23144	0.001
23145	0.001
23146	0.001
23147	0.001
23148	0.001
23149	0.001
23150	0.001
23151	0.001
23152	0.002
23153	0.001
23154	0.001
23155	0.001
23156	0
23157	0.001
23158	0.001
23159	0.001
23160	0.001
23161	0.001
23162	0.001
23163	0.001
23164	0.001
23165	0.001
23166	0.001
23167	0.001
23168	0.001
23169	0.001
23170	0.001
23171	0.002
23172	0.001
23173	0.001
23174	0.001
23175	0.001
23176	0.001
23177	0.001
23178	0.001
23179	0.001
23180	0.001
23181	0.002
23182	0.001
23183	0.001
23184	0.001
23185	0.001
23186	0.001
23187	0.001
23188	0
23189	0
23190	0.001
23191	0.001
23192	0.001
23193	0.001
23194	0.001
23195	0.001
23196	0.001
23197	0.002
23198	0.001
23199	0.001
23200	0.001
23201	0.001
23202	0
23203	0.001
23204	0.001
23205	0.001
23206	0.001
23207	0.001
23208	0.001
23209	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23210	0.001
23211	0.001
23212	0.001
23213	0.001
23214	0.001
23215	0
23216	0
23217	0.001
23218	0.001
23219	0.001
23220	0.001
23221	0.001
23222	0.001
23223	0.001
23224	0.001
23225	0.001
23226	0.001
23227	0.002
23228	0.002
23229	0.002
23230	0.001
23231	0.002
23232	0.001
23233	0.001
23234	0.001
23235	0.001
23236	0.003
23237	0.004
23238	0.001
23239	0.001
23240	0.001
23241	0.002
23242	0.002
23243	0.001
23244	0.002
23245	0.001
23246	0.001
23247	0.001
23248	0.001
23249	0.001
23250	0.001
23251	0.001
23252	0.001
23253	0.001
23254	0.001
23255	0.001
23256	0.003
23257	0.002
23258	0.001
23259	0.001
23260	0.001
23261	0.001
23262	0.001
23263	0.001
23264	0.001
23265	0.001
23266	0.001
23267	0
23268	0.001
23269	0.001
23270	0.001
23271	0.001
23272	0.001
23273	0.001
23274	0.001
23275	0.001
23276	0.001
23277	0.001
23278	0.001
23279	0.001
23280	0.001
23281	0.001
23282	0.001
23283	0.001
23284	0.001
23285	0.001
23286	0.001
23287	0.001
23288	0.001
23289	0.001
23290	0.001
23291	0.001
23292	0.002
23293	0.001
23294	0.001
23295	0.001
23296	0.001
23297	0.001
23298	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23299	0.001
23300	0.002
23301	0.003
23302	0.001
23303	0.001
23304	0.001
23305	0.001
23306	0.001
23307	0.001
23308	0
23309	0.001
23310	0.001
23311	0
23312	0
23313	0
23314	0.001
23315	0
23316	0.001
23317	0
23318	0
23319	0
23320	0.001
23321	0.001
23322	0.001
23323	0.001
23324	0
23325	0
23326	0.001
23327	0.001
23328	0.001
23329	0.001
23330	0
23331	0.001
23332	0.001
23333	0
23334	0.001
23335	0.001
23336	0
23337	0.001
23338	0.001
23339	0.001
23340	0.001
23341	0.001
23342	0
23343	0.001
23344	0.001
23345	0
23346	0
23347	0
23348	0.001
23349	0.005
23350	0.006
23351	0.001
23352	0.001
23353	0.001
23354	0.001
23355	0.001
23356	0.001
23357	0.001
23358	0.001
23359	0.001
23360	0
23361	0
23362	0.001
23363	0.001
23364	0
23365	0.001
23366	0.001
23367	0.001
23368	0.001
23369	0.001
23370	0.001
23371	0.001
23372	0
23373	0
23374	0.001
23375	0.001
23376	0
23377	0.001
23378	0.001
23379	0
23380	0.001
23381	0.001
23382	0
23383	0
23384	0.001
23385	0.001
23386	0.001
23387	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23388	0.002
23389	0.002
23390	0.003
23391	0
23392	0.001
23393	0.001
23394	0.001
23395	0.001
23396	0.001
23397	0.001
23398	0.002
23399	0.002
23400	0.001
23401	0.001
23402	0.001
23403	0.001
23404	0.001
23405	0.001
23406	0.001
23407	0.001
23408	0.002
23409	0.002
23410	0.001
23411	0.001
23412	0.001
23413	0.001
23414	0.001
23415	0.001
23416	0.001
23417	0.001
23418	0.001
23419	0.001
23420	0.002
23421	0.002
23422	0.002
23423	0.002
23424	0.001
23425	0.001
23426	0.001
23427	0.001
23428	0.002
23429	0.002
23430	0.001
23431	0.001
23432	0.001
23433	0.001
23434	0.002
23435	0.002
23436	0.002
23437	0.002
23438	0.002
23439	0.002
23440	0.002
23441	0.001
23442	0.001
23443	0.002
23444	0.002
23445	0.002
23446	0.002
23447	0.002
23448	0.002
23449	0.002
23450	0.002
23451	0.002
23452	0.002
23453	0.003
23454	0.003
23455	0.002
23456	0.001
23457	0.001
23458	0.001
23459	0.001
23460	0.001
23461	0.001
23462	0.002
23463	0.002
23464	0.001
23465	0.001
23466	0.001
23467	0.001
23468	0.001
23469	0.001
23470	0.001
23471	0.001
23472	0.001
23473	0.001
23474	0.001
23475	0.001
23476	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23477	0.001
23478	0.001
23479	0.001
23480	0.001
23481	0.001
23482	0.002
23483	0.001
23484	0.001
23485	0.001
23486	0.001
23487	0.001
23488	0.002
23489	0.001
23490	0.002
23491	0.003
23492	0.004
23493	0.002
23494	0.002
23495	0.002
23496	0.002
23497	0.001
23498	0.002
23499	0.002
23500	0.002
23501	0.002
23502	0.002
23503	0.002
23504	0.001
23505	0
23506	0.001
23507	0.002
23508	0.002
23509	0.003
23510	0.002
23511	0.002
23512	0.002
23513	0.002
23514	0.001
23515	0.001
23516	0.008
23517	0.01
23518	0.001
23519	0
23520	0
23521	0.001
23522	0
23523	0.001
23524	0.001
23525	0
23526	0.001
23527	0.001
23528	0
23529	0
23530	0.001
23531	0.001
23532	0.001
23533	0
23534	0.001
23535	0.001
23536	0.001
23537	0.001
23538	0
23539	0
23540	0
23541	0
23542	0
23543	0
23544	0
23545	0.001
23546	0
23547	0.001
23548	0.001
23549	0
23550	0
23551	0.001
23552	0.001
23553	0.001
23554	0.004
23555	0.002
23556	0.001
23557	0.001
23558	0
23559	0.001
23560	0.001
23561	0.001
23562	0.001
23563	0
23564	0.001
23565	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23566	0
23567	0.001
23568	0.001
23569	0.001
23570	0.001
23571	0.001
23572	0.001
23573	0.001
23574	0.003
23575	0.002
23576	0
23577	0.001
23578	0.001
23579	0
23580	0.001
23581	0.001
23582	0.001
23583	0.001
23584	0.001
23585	0.001
23586	0.001
23587	0
23588	0.001
23589	0
23590	0
23591	0
23592	0
23593	0.001
23594	0.001
23595	0.001
23596	0.001
23597	0
23598	0.001
23599	0.002
23600	0.001
23601	0.001
23602	0.001
23603	0
23604	0
23605	0.001
23606	0.001
23607	0.001
23608	0.001
23609	0.001
23610	0.002
23611	0.003
23612	0.001
23613	0.001
23614	0.002
23615	0.001
23616	0.001
23617	0.003
23618	0.004
23619	0.004
23620	0.003
23621	0.003
23622	0.003
23623	0.002
23624	0.003
23625	0.003
23626	0.004
23627	0.004
23628	0.003
23629	0.003
23630	0.004
23631	0.002
23632	0.001
23633	0.001
23634	0.001
23635	0.002
23636	0.001
23637	0
23638	0.001
23639	0.001
23640	0
23641	0.001
23642	0.001
23643	0.001
23644	0.001
23645	0.002
23646	0.002
23647	0.001
23648	0.001
23649	0.001
23650	0.001
23651	0
23652	0
23653	0.001
23654	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23655	0
23656	0
23657	0.001
23658	0
23659	0.001
23660	0.002
23661	0.001
23662	0.001
23663	0.001
23664	0.001
23665	0.001
23666	0.001
23667	0.001
23668	0.001
23669	0.001
23670	0
23671	0
23672	0
23673	0
23674	0
23675	0
23676	0
23677	0
23678	0
23679	0.001
23680	0.001
23681	0.001
23682	0.001
23683	0
23684	0
23685	0.001
23686	0.001
23687	0.001
23688	0
23689	0.001
23690	0.001
23691	0.001
23692	0.001
23693	0
23694	0.001
23695	0.001
23696	0.001
23697	0.001
23698	0.001
23699	0
23700	0
23701	0
23702	0
23703	0.001
23704	0.001
23705	0.002
23706	0.002
23707	0.001
23708	0.001
23709	0
23710	0
23711	0.001
23712	0.001
23713	0.001
23714	0.001
23715	0.002
23716	0.001
23717	0.001
23718	0
23719	0.003
23720	0.003
23721	0
23722	0
23723	0.001
23724	0.001
23725	0.001
23726	0
23727	0
23728	0
23729	0
23730	0
23731	0.001
23732	0.001
23733	0
23734	0
23735	0
23736	0
23737	0
23738	0
23739	0
23740	0.001
23741	0.001
23742	0.001
23743	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23744	0.001
23745	0
23746	0.001
23747	0.001
23748	0.002
23749	0.008
23750	0.002
23751	0.002
23752	0.005
23753	0.005
23754	0.006
23755	0.005
23756	0.004
23757	0.004
23758	0.004
23759	0.002
23760	0.001
23761	0.001
23762	0.001
23763	0.002
23764	0.002
23765	0.002
23766	0.002
23767	0.001
23768	0.001
23769	0.001
23770	0.001
23771	0
23772	0.001
23773	0.001
23774	0
23775	0.001
23776	0.001
23777	0.001
23778	0
23779	0
23780	0.001
23781	0.003
23782	0.003
23783	0.001
23784	0
23785	0
23786	0.002
23787	0.002
23788	0
23789	0
23790	0
23791	0.001
23792	0
23793	0
23794	0
23795	0
23796	0
23797	0.001
23798	0
23799	0
23800	0
23801	0
23802	0.001
23803	0
23804	0
23805	0
23806	0.001
23807	0.001
23808	0
23809	0
23810	0
23811	0
23812	0
23813	0
23814	0.001
23815	0
23816	0.001
23817	0.002
23818	0.002
23819	0
23820	0
23821	0
23822	0
23823	0
23824	0
23825	0
23826	0
23827	0
23828	0
23829	0
23830	0.001
23831	0
23832	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23833	0.001
23834	0
23835	0.001
23836	0.001
23837	0.001
23838	0.001
23839	0.001
23840	0.001
23841	0
23842	0.001
23843	0.001
23844	0
23845	0.002
23846	0.004
23847	0.006
23848	0.006
23849	0.006
23850	0.006
23851	0.005
23852	0.006
23853	0.006
23854	0.004
23855	0.004
23856	0.004
23857	0.004
23858	0.004
23859	0.004
23860	0.006
23861	0.007
23862	0.005
23863	0.005
23864	0.005
23865	0.005
23866	0.004
23867	0.004
23868	0.004
23869	0.003
23870	0.003
23871	0.002
23872	0.001
23873	0.001
23874	0.002
23875	0.002
23876	0.002
23877	0.001
23878	0.001
23879	0.002
23880	0.002
23881	0.003
23882	0.002
23883	0.002
23884	0.002
23885	0.002
23886	0.002
23887	0.002
23888	0.002
23889	0.001
23890	0.001
23891	0.001
23892	0.001
23893	0.001
23894	0.001
23895	0.001
23896	0.001
23897	0.001
23898	0.001
23899	0.001
23900	0
23901	0
23902	0.001
23903	0.001
23904	0
23905	0
23906	0
23907	0
23908	0.002
23909	0.001
23910	0.001
23911	0.001
23912	0.001
23913	0.001
23914	0.001
23915	0.002
23916	0.001
23917	0.001
23918	0.001
23919	0.002
23920	0.002
23921	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

23922	0.001
23923	0.001
23924	0.001
23925	0.001
23926	0.001
23927	0.001
23928	0.001
23929	0.001
23930	0.001
23931	0.002
23932	0.001
23933	0.001
23934	0.001
23935	0.001
23936	0.001
23937	0.001
23938	0.001
23939	0.001
23940	0.001
23941	0.001
23942	0.001
23943	0.001
23944	0
23945	0.001
23946	0
23947	0.001
23948	0
23949	0
23950	0
23951	0.001
23952	0.001
23953	0
23954	0
23955	0
23956	0
23957	0
23958	0
23959	0
23960	0
23961	0.001
23962	0.001
23963	0
23964	0
23965	0
23966	0
23967	0.001
23968	0.001
23969	0.001
23970	0.002
23971	0.001
23972	0.001
23973	0.002
23974	0.001
23975	0.003
23976	0.003
23977	0.002
23978	0.001
23979	0.002
23980	0.001
23981	0.001
23982	0
23983	0
23984	0
23985	0.001
23986	0.001
23987	0
23988	0
23989	0
23990	0
23991	0
23992	0
23993	0
23994	0
23995	0
23996	0
23997	0
23998	0
23999	0
24000	0
24001	0.001
24002	0.002
24003	0.001
24004	0
24005	0
24006	0
24007	0
24008	0
24009	0
24010	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24011	0
24012	0
24013	0
24014	0
24015	0
24016	0
24017	0.001
24018	0
24019	0.001
24020	0
24021	0
24022	0
24023	0
24024	0
24025	0.002
24026	0.004
24027	0.006
24028	0.006
24029	0.006
24030	0.004
24031	0.004
24032	0.003
24033	0.006
24034	0.006
24035	0.001
24036	0.001
24037	0.001
24038	0.001
24039	0
24040	0
24041	0.001
24042	0
24043	0.001
24044	0.001
24045	0.001
24046	0.001
24047	0.002
24048	0.003
24049	0.003
24050	0.002
24051	0.002
24052	0.001
24053	0.001
24054	0.002
24055	0.002
24056	0.001
24057	0
24058	0
24059	0
24060	0
24061	0
24062	0
24063	0
24064	0
24065	0
24066	0
24067	0.001
24068	0
24069	0
24070	0
24071	0
24072	0
24073	0
24074	0
24075	0
24076	0
24077	0.001
24078	0
24079	0.001
24080	0.002
24081	0
24082	0
24083	0
24084	0
24085	0
24086	0
24087	0
24088	0
24089	0
24090	0.001
24091	0.001
24092	0
24093	0
24094	0
24095	0
24096	0.002
24097	0.001
24098	0
24099	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24100	0
24101	0
24102	0
24103	0
24104	0
24105	0
24106	0
24107	0
24108	0
24109	0
24110	0
24111	0
24112	0
24113	0
24114	0
24115	0
24116	0
24117	0
24118	0
24119	0.001
24120	0.001
24121	0
24122	0.001
24123	0
24124	0
24125	0
24126	0.001
24127	0
24128	0
24129	0
24130	0
24131	0
24132	0
24133	0
24134	0
24135	0.001
24136	0
24137	0
24138	0
24139	0
24140	0
24141	0
24142	0.001
24143	0.006
24144	0.007
24145	0
24146	0.001
24147	0.001
24148	0.001
24149	0.001
24150	0
24151	0
24152	0
24153	0
24154	0
24155	0
24156	0
24157	0
24158	0
24159	0
24160	0
24161	0
24162	0
24163	0
24164	0.001
24165	0.001
24166	0.001
24167	0
24168	0
24169	0.001
24170	0.001
24171	0
24172	0
24173	0.001
24174	0
24175	0
24176	0.001
24177	0
24178	0.001
24179	0
24180	0
24181	0
24182	0
24183	0
24184	0
24185	0
24186	0
24187	0
24188	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24189	0
24190	0
24191	0.001
24192	0
24193	0
24194	0
24195	0
24196	0.001
24197	0
24198	0
24199	0
24200	0
24201	0
24202	0
24203	0
24204	0
24205	0.001
24206	0.002
24207	0
24208	0
24209	0
24210	0
24211	0.001
24212	0
24213	0.001
24214	0
24215	0
24216	0.001
24217	0.002
24218	0.001
24219	0
24220	0
24221	0
24222	0
24223	0
24224	0
24225	0
24226	0
24227	0.001
24228	0
24229	0
24230	0
24231	0
24232	0
24233	0
24234	0
24235	0
24236	0
24237	0
24238	0
24239	0.001
24240	0.001
24241	0.001
24242	0.002
24243	0
24244	0.001
24245	0.001
24246	0.001
24247	0.001
24248	0
24249	0.001
24250	0.001
24251	0.001
24252	0.001
24253	0
24254	0.001
24255	0
24256	0
24257	0
24258	0.001
24259	0.002
24260	0
24261	0
24262	0
24263	0
24264	0
24265	0
24266	0
24267	0
24268	0
24269	0
24270	0
24271	0.001
24272	0
24273	0.001
24274	0
24275	0
24276	0
24277	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24278	0
24279	0.001
24280	0.002
24281	0
24282	0
24283	0
24284	0.001
24285	0.001
24286	0
24287	0
24288	0
24289	0
24290	0.001
24291	0
24292	0
24293	0
24294	0
24295	0
24296	0
24297	0.001
24298	0
24299	0
24300	0
24301	0.001
24302	0.001
24303	0
24304	0
24305	0
24306	0.001
24307	0
24308	0
24309	0.001
24310	0.001
24311	0.001
24312	0
24313	0
24314	0
24315	0
24316	0
24317	0
24318	0
24319	0.001
24320	0.001
24321	0.002
24322	0.001
24323	0.001
24324	0.001
24325	0
24326	0
24327	0
24328	0
24329	0
24330	0
24331	0
24332	0
24333	0
24334	0
24335	0
24336	0
24337	0
24338	0.001
24339	0
24340	0
24341	0.001
24342	0.001
24343	0.001
24344	0
24345	0
24346	0
24347	0
24348	0
24349	0
24350	0
24351	0
24352	0.001
24353	0.001
24354	0.001
24355	0.002
24356	0.003
24357	0.005
24358	0.003
24359	0.008
24360	0.001
24361	0.002
24362	0.002
24363	0.002
24364	0.003
24365	0.003
24366	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24367	0.001
24368	0.001
24369	0.001
24370	0.001
24371	0.001
24372	0
24373	0.001
24374	0.001
24375	0.001
24376	0.002
24377	0.005
24378	0.006
24379	0.005
24380	0.006
24381	0.006
24382	0.006
24383	0.007
24384	0.007
24385	0.007
24386	0.007
24387	0.008
24388	0.009
24389	0.008
24390	0.007
24391	0.008
24392	0.008
24393	0.006
24394	0.006
24395	0.005
24396	0.005
24397	0.005
24398	0.005
24399	0.005
24400	0.004
24401	0.004
24402	0.005
24403	0.003
24404	0.002
24405	0.002
24406	0.002
24407	0.003
24408	0.003
24409	0.002
24410	0.002
24411	0.002
24412	0.001
24413	0.001
24414	0.001
24415	0.001
24416	0.001
24417	0
24418	0
24419	0.001
24420	0.001
24421	0
24422	0
24423	0
24424	0.001
24425	0.001
24426	0
24427	0.001
24428	0.002
24429	0.002
24430	0
24431	0.001
24432	0.002
24433	0.001
24434	0
24435	0
24436	0
24437	0
24438	0.001
24439	0.001
24440	0
24441	0
24442	0
24443	0
24444	0
24445	0.001
24446	0
24447	0
24448	0.001
24449	0.001
24450	0.002
24451	0.001
24452	0
24453	0
24454	0
24455	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24456	0
24457	0
24458	0
24459	0
24460	0
24461	0
24462	0.001
24463	0
24464	0
24465	0
24466	0
24467	0
24468	0
24469	0
24470	0
24471	0.001
24472	0.001
24473	0
24474	0
24475	0.001
24476	0.001
24477	0.002
24478	0.001
24479	0
24480	0
24481	0.001
24482	0.002
24483	0.002
24484	0.001
24485	0.001
24486	0
24487	0
24488	0.001
24489	0
24490	0
24491	0
24492	0
24493	0.001
24494	0
24495	0
24496	0.001
24497	0
24498	0
24499	0.001
24500	0
24501	0
24502	0.001
24503	0
24504	0
24505	0
24506	0
24507	0.001
24508	0
24509	0.001
24510	0
24511	0
24512	0.001
24513	0
24514	0
24515	0.001
24516	0.001
24517	0
24518	0
24519	0.001
24520	0.001
24521	0
24522	0.001
24523	0
24524	0.001
24525	0
24526	0
24527	0
24528	0
24529	0
24530	0
24531	0
24532	0.001
24533	0.001
24534	0
24535	0
24536	0
24537	0.001
24538	0.001
24539	0
24540	0
24541	0
24542	0.001
24543	0
24544	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24545	0
24546	0
24547	0
24548	0
24549	0.001
24550	0.001
24551	0
24552	0.001
24553	0.001
24554	0
24555	0.001
24556	0.001
24557	0
24558	0
24559	0
24560	0
24561	0
24562	0
24563	0
24564	0
24565	0.001
24566	0.001
24567	0.002
24568	0.001
24569	0.001
24570	0.001
24571	0.001
24572	0.001
24573	0.001
24574	0
24575	0
24576	0.001
24577	0.001
24578	0.001
24579	0.002
24580	0.002
24581	0.002
24582	0.002
24583	0.003
24584	0.004
24585	0.005
24586	0.005
24587	0.005
24588	0.006
24589	0.008
24590	0.008
24591	0.006
24592	0.004
24593	0.003
24594	0.002
24595	0.002
24596	0.001
24597	0.001
24598	0.002
24599	0
24600	0
24601	0
24602	0.001
24603	0.004
24604	0
24605	0.001
24606	0
24607	0
24608	0
24609	0
24610	0
24611	0.001
24612	0.001
24613	0
24614	0
24615	0
24616	0
24617	0
24618	0
24619	0
24620	0
24621	0
24622	0.001
24623	0
24624	0.001
24625	0
24626	0.001
24627	0
24628	0.001
24629	0.001
24630	0
24631	0
24632	0.001
24633	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24634	0
24635	0.001
24636	0.001
24637	0
24638	0
24639	0.001
24640	0.001
24641	0
24642	0
24643	0.001
24644	0.002
24645	0.001
24646	0
24647	0
24648	0.001
24649	0.001
24650	0
24651	0
24652	0
24653	0.001
24654	0.001
24655	0
24656	0.001
24657	0.001
24658	0
24659	0
24660	0.001
24661	0
24662	0.001
24663	0.001
24664	0.002
24665	0.001
24666	0.001
24667	0.001
24668	0.001
24669	0
24670	0
24671	0.001
24672	0.001
24673	0
24674	0.001
24675	0.001
24676	0.001
24677	0
24678	0.001
24679	0
24680	0
24681	0.001
24682	0.001
24683	0.001
24684	0
24685	0
24686	0.001
24687	0.001
24688	0
24689	0.001
24690	0
24691	0.001
24692	0.002
24693	0.002
24694	0.001
24695	0.001
24696	0.001
24697	0.001
24698	0.002
24699	0
24700	0.001
24701	0.001
24702	0.001
24703	0.001
24704	0.001
24705	0.001
24706	0
24707	0
24708	0
24709	0
24710	0.001
24711	0.001
24712	0.002
24713	0.003
24714	0.004
24715	0.003
24716	0.002
24717	0.002
24718	0.001
24719	0.004
24720	0.004
24721	0.002
24722	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24723	0.001
24724	0
24725	0
24726	0
24727	0.001
24728	0.001
24729	0
24730	0.001
24731	0
24732	0
24733	0
24734	0
24735	0.001
24736	0.001
24737	0.001
24738	0
24739	0
24740	0
24741	0
24742	0
24743	0.001
24744	0
24745	0
24746	0
24747	0
24748	0
24749	0
24750	0
24751	0
24752	0
24753	0
24754	0
24755	0.001
24756	0.001
24757	0
24758	0
24759	0
24760	0.001
24761	0.003
24762	0.001
24763	0.001
24764	0.001
24765	0.001
24766	0.001
24767	0.002
24768	0.003
24769	0.002
24770	0.002
24771	0.002
24772	0.001
24773	0.001
24774	0.002
24775	0.001
24776	0
24777	0
24778	0
24779	0
24780	0.001
24781	0.001
24782	0.001
24783	0
24784	0.001
24785	0.001
24786	0
24787	0
24788	0
24789	0.001
24790	0.001
24791	0.001
24792	0
24793	0.001
24794	0
24795	0
24796	0.001
24797	0
24798	0
24799	0
24800	0.001
24801	0.001
24802	0.001
24803	0
24804	0
24805	0
24806	0.001
24807	0.002
24808	0.001
24809	0.001
24810	0.001
24811	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24812	0.002
24813	0.003
24814	0.003
24815	0.002
24816	0.003
24817	0.004
24818	0.003
24819	0.002
24820	0.002
24821	0.002
24822	0.002
24823	0.001
24824	0
24825	0
24826	0
24827	0
24828	0
24829	0
24830	0
24831	0.001
24832	0.003
24833	0.003
24834	0.001
24835	0.002
24836	0
24837	0
24838	0.001
24839	0
24840	0.001
24841	0.001
24842	0
24843	0.001
24844	0
24845	0
24846	0
24847	0
24848	0
24849	0.001
24850	0
24851	0
24852	0
24853	0
24854	0
24855	0.001
24856	0.001
24857	0
24858	0.001
24859	0.001
24860	0
24861	0
24862	0.001
24863	0.001
24864	0.001
24865	0
24866	0
24867	0
24868	0
24869	0
24870	0
24871	0
24872	0.001
24873	0
24874	0
24875	0.001
24876	0.001
24877	0.001
24878	0.001
24879	0.001
24880	0.002
24881	0.003
24882	0.001
24883	0.001
24884	0.001
24885	0.001
24886	0.002
24887	0.002
24888	0.001
24889	0.001
24890	0.001
24891	0
24892	0.001
24893	0.001
24894	0.001
24895	0.003
24896	0.005
24897	0.006
24898	0.004
24899	0.005
24900	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24901	0.005
24902	0.008
24903	0.01
24904	0.012
24905	0.027
24906	0.032
24907	0.029
24908	0.028
24909	0.02
24910	0.016
24911	0.016
24912	0.013
24913	0.011
24914	0.015
24915	0.018
24916	0.019
24917	0.019
24918	0.016
24919	0.015
24920	0.011
24921	0.007
24922	0.006
24923	0.006
24924	0.005
24925	0.005
24926	0.005
24927	0.003
24928	0.002
24929	0.001
24930	0.002
24931	0.002
24932	0.005
24933	0.007
24934	0.007
24935	0.005
24936	0.003
24937	0.003
24938	0.004
24939	0.004
24940	0.002
24941	0.001
24942	0.001
24943	0.001
24944	0.002
24945	0.003
24946	0.001
24947	0.002
24948	0.002
24949	0.01
24950	0.018
24951	0.018
24952	0.023
24953	0.024
24954	0.016
24955	0.01
24956	0.005
24957	0.005
24958	0.004
24959	0.001
24960	0.001
24961	0.001
24962	0.001
24963	0.001
24964	0.002
24965	0.003
24966	0.003
24967	0.004
24968	0.007
24969	0.008
24970	0.007
24971	0.005
24972	0.004
24973	0.004
24974	0.001
24975	0.001
24976	0.001
24977	0.003
24978	0.004
24979	0.001
24980	0.001
24981	0.001
24982	0.001
24983	0.002
24984	0.004
24985	0.004
24986	0.001
24987	0
24988	0.001
24989	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

24990	0.001
24991	0.001
24992	0.001
24993	0.001
24994	0.001
24995	0.001
24996	0
24997	0.001
24998	0.001
24999	0.002
25000	0.001
25001	0.001
25002	0.001
25003	0.002
25004	0.002
25005	0.001
25006	0.001
25007	0.001
25008	0.001
25009	0
25010	0
25011	0.001
25012	0.003
25013	0.003
25014	0.001
25015	0
25016	0.001
25017	0.001
25018	0.001
25019	0.001
25020	0.001
25021	0.001
25022	0.001
25023	0.001
25024	0.002
25025	0.002
25026	0.003
25027	0.001
25028	0.001
25029	0.002
25030	0.002
25031	0.001
25032	0.001
25033	0.001
25034	0.001
25035	0.001
25036	0.001
25037	0.001
25038	0.001
25039	0.001
25040	0.001
25041	0.001
25042	0.001
25043	0
25044	0
25045	0
25046	0.001
25047	0.001
25048	0.001
25049	0.001
25050	0.001
25051	0.001
25052	0.001
25053	0.001
25054	0.001
25055	0.001
25056	0.001
25057	0.001
25058	0.001
25059	0.001
25060	0.001
25061	0.001
25062	0.001
25063	0
25064	0.001
25065	0.001
25066	0
25067	0
25068	0.001
25069	0.001
25070	0.001
25071	0
25072	0
25073	0.001
25074	0.001
25075	0.001
25076	0.001
25077	0.001
25078	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25079	0.001
25080	0.001
25081	0.001
25082	0.001
25083	0.001
25084	0.001
25085	0.001
25086	0.001
25087	0.002
25088	0.002
25089	0.001
25090	0.001
25091	0.001
25092	0.001
25093	0.001
25094	0.001
25095	0
25096	0.001
25097	0.001
25098	0.001
25099	0.001
25100	0.001
25101	0.001
25102	0.001
25103	0.001
25104	0.003
25105	0.003
25106	0.001
25107	0.001
25108	0
25109	0.001
25110	0.001
25111	0.001
25112	0.001
25113	0.001
25114	0.001
25115	0.001
25116	0.001
25117	0.001
25118	0.001
25119	0.001
25120	0.001
25121	0
25122	0.001
25123	0.001
25124	0.001
25125	0.001
25126	0.001
25127	0
25128	0.001
25129	0.001
25130	0
25131	0.007
25132	0.009
25133	0.001
25134	0
25135	0
25136	0.001
25137	0.001
25138	0
25139	0
25140	0.001
25141	0.001
25142	0
25143	0.001
25144	0.001
25145	0.001
25146	0
25147	0.001
25148	0.001
25149	0.001
25150	0.001
25151	0.001
25152	0.001
25153	0.001
25154	0.001
25155	0.001
25156	0.001
25157	0.002
25158	0
25159	0
25160	0.001
25161	0.001
25162	0.001
25163	0.001
25164	0.001
25165	0
25166	0.001
25167	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25168	0.002
25169	0.001
25170	0
25171	0.002
25172	0.002
25173	0.001
25174	0
25175	0.001
25176	0.002
25177	0.003
25178	0.004
25179	0.003
25180	0.004
25181	0.004
25182	0.001
25183	0.001
25184	0.001
25185	0.001
25186	0.001
25187	0.001
25188	0.001
25189	0.001
25190	0.003
25191	0
25192	0.002
25193	0.002
25194	0.002
25195	0.003
25196	0.002
25197	0.002
25198	0.002
25199	0.001
25200	0.002
25201	0.002
25202	0.002
25203	0.002
25204	0.002
25205	0.002
25206	0.002
25207	0.002
25208	0.001
25209	0.001
25210	0.002
25211	0.002
25212	0.002
25213	0.002
25214	0.002
25215	0.002
25216	0.001
25217	0.001
25218	0.001
25219	0.003
25220	0.003
25221	0.003
25222	0.003
25223	0.002
25224	0.002
25225	0.001
25226	0.001
25227	0.001
25228	0.002
25229	0.002
25230	0.002
25231	0.002
25232	0.002
25233	0.001
25234	0.001
25235	0.001
25236	0.002
25237	0.002
25238	0.001
25239	0.001
25240	0.001
25241	0.001
25242	0.001
25243	0
25244	0
25245	0
25246	0.001
25247	0.001
25248	0.002
25249	0.003
25250	0.005
25251	0.007
25252	0.007
25253	0.007
25254	0.005
25255	0.003
25256	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25257	0.004
25258	0.003
25259	0.002
25260	0.003
25261	0.003
25262	0.002
25263	0.002
25264	0.003
25265	0.004
25266	0.003
25267	0.002
25268	0.002
25269	0.001
25270	0.002
25271	0.003
25272	0.006
25273	0.01
25274	0.012
25275	0.013
25276	0.011
25277	0.007
25278	0.004
25279	0.003
25280	0.002
25281	0.002
25282	0.002
25283	0.001
25284	0.001
25285	0
25286	0.001
25287	0.001
25288	0.001
25289	0.004
25290	0.006
25291	0.006
25292	0.007
25293	0.008
25294	0.005
25295	0.003
25296	0.002
25297	0.002
25298	0.002
25299	0.002
25300	0.002
25301	0.002
25302	0.002
25303	0.001
25304	0.001
25305	0.001
25306	0.001
25307	0.001
25308	0.001
25309	0.001
25310	0.001
25311	0
25312	0.001
25313	0.001
25314	0.001
25315	0.001
25316	0.001
25317	0.001
25318	0
25319	0.001
25320	0.001
25321	0
25322	0
25323	0.001
25324	0.001
25325	0.001
25326	0.002
25327	0.003
25328	0.002
25329	0.002
25330	0.002
25331	0.002
25332	0.002
25333	0.001
25334	0.001
25335	0.001
25336	0.001
25337	0.001
25338	0.001
25339	0.002
25340	0.002
25341	0.002
25342	0.003
25343	0.003
25344	0.003
25345	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25346	0.005
25347	0.002
25348	0.002
25349	0.003
25350	0.003
25351	0.002
25352	0.002
25353	0.002
25354	0.002
25355	0.002
25356	0.002
25357	0.002
25358	0.003
25359	0.001
25360	0.002
25361	0.002
25362	0.001
25363	0.001
25364	0.001
25365	0.001
25366	0.001
25367	0.001
25368	0.001
25369	0
25370	0
25371	0.001
25372	0
25373	0.001
25374	0.001
25375	0.001
25376	0.001
25377	0.001
25378	0.001
25379	0.001
25380	0
25381	0
25382	0
25383	0.001
25384	0
25385	0.001
25386	0.001
25387	0.001
25388	0.001
25389	0.001
25390	0.001
25391	0.001
25392	0
25393	0
25394	0.001
25395	0.001
25396	0
25397	0.001
25398	0.001
25399	0.001
25400	0.001
25401	0.001
25402	0.002
25403	0.002
25404	0.001
25405	0.001
25406	0
25407	0.001
25408	0.001
25409	0.001
25410	0.002
25411	0.001
25412	0
25413	0.001
25414	0.001
25415	0
25416	0.001
25417	0.001
25418	0.001
25419	0.001
25420	0
25421	0
25422	0.001
25423	0.002
25424	0.001
25425	0
25426	0
25427	0
25428	0.001
25429	0
25430	0.001
25431	0.001
25432	0
25433	0
25434	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25435	0
25436	0
25437	0
25438	0.001
25439	0.001
25440	0
25441	0
25442	0
25443	0
25444	0
25445	0
25446	0
25447	0.001
25448	0.001
25449	0
25450	0.001
25451	0.001
25452	0.001
25453	0.002
25454	0.001
25455	0
25456	0.001
25457	0.001
25458	0.001
25459	0.001
25460	0.001
25461	0
25462	0
25463	0
25464	0
25465	0.001
25466	0.002
25467	0.002
25468	0.001
25469	0.001
25470	0.001
25471	0.001
25472	0.001
25473	0.001
25474	0.001
25475	0.001
25476	0.001
25477	0.001
25478	0.001
25479	0.001
25480	0.001
25481	0.001
25482	0.001
25483	0.001
25484	0.001
25485	0.001
25486	0
25487	0.001
25488	0
25489	0.001
25490	0.001
25491	0.001
25492	0
25493	0.001
25494	0.001
25495	0
25496	0.002
25497	0.002
25498	0.001
25499	0.001
25500	0.002
25501	0.001
25502	0.001
25503	0.003
25504	0.003
25505	0.002
25506	0.002
25507	0.002
25508	0.001
25509	0.003
25510	0.001
25511	0.001
25512	0.001
25513	0
25514	0
25515	0.001
25516	0.001
25517	0.001
25518	0.001
25519	0.001
25520	0.002
25521	0.003
25522	0.001
25523	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25524	0.003
25525	0.001
25526	0.001
25527	0.001
25528	0.001
25529	0.001
25530	0.001
25531	0
25532	0.001
25533	0.001
25534	0
25535	0
25536	0.001
25537	0.001
25538	0.001
25539	0.001
25540	0.001
25541	0
25542	0.001
25543	0.001
25544	0.001
25545	0.002
25546	0.001
25547	0.001
25548	0.001
25549	0
25550	0
25551	0
25552	0.001
25553	0.001
25554	0.001
25555	0.001
25556	0
25557	0
25558	0.001
25559	0.001
25560	0.001
25561	0.001
25562	0.001
25563	0.001
25564	0.001
25565	0.002
25566	0.001
25567	0
25568	0.001
25569	0.001
25570	0.001
25571	0.001
25572	0.001
25573	0.001
25574	0.001
25575	0
25576	0.001
25577	0.001
25578	0.001
25579	0.001
25580	0.001
25581	0.001
25582	0.001
25583	0.001
25584	0.001
25585	0
25586	0
25587	0
25588	0.001
25589	0.001
25590	0
25591	0.001
25592	0.001
25593	0.006
25594	0.008
25595	0.001
25596	0.001
25597	0
25598	0
25599	0
25600	0.001
25601	0.001
25602	0
25603	0
25604	0.001
25605	0.001
25606	0.001
25607	0
25608	0
25609	0.001
25610	0
25611	0
25612	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25613	0.001
25614	0
25615	0
25616	0.001
25617	0
25618	0.001
25619	0.001
25620	0.001
25621	0.001
25622	0.001
25623	0
25624	0.001
25625	0.001
25626	0
25627	0.001
25628	0
25629	0
25630	0.001
25631	0
25632	0
25633	0
25634	0.001
25635	0.001
25636	0.001
25637	0.001
25638	0
25639	0
25640	0.001
25641	0.001
25642	0.001
25643	0
25644	0
25645	0
25646	0
25647	0.002
25648	0.003
25649	0.001
25650	0
25651	0
25652	0.001
25653	0
25654	0.001
25655	0.001
25656	0.002
25657	0.003
25658	0.001
25659	0
25660	0.001
25661	0.001
25662	0.002
25663	0.001
25664	0
25665	0
25666	0.001
25667	0.002
25668	0.003
25669	0.003
25670	0.002
25671	0.002
25672	0
25673	0.001
25674	0.001
25675	0.001
25676	0.001
25677	0.001
25678	0.001
25679	0
25680	0.001
25681	0
25682	0
25683	0
25684	0.001
25685	0.001
25686	0.001
25687	0.001
25688	0.002
25689	0.001
25690	0.001
25691	0
25692	0
25693	0.001
25694	0.009
25695	0.01
25696	0.002
25697	0.001
25698	0.002
25699	0.001
25700	0.001
25701	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25702	0
25703	0.001
25704	0.001
25705	0.001
25706	0
25707	0.001
25708	0.001
25709	0.001
25710	0.001
25711	0.002
25712	0.001
25713	0.001
25714	0.001
25715	0.001
25716	0.001
25717	0.001
25718	0.001
25719	0.001
25720	0.001
25721	0.001
25722	0.001
25723	0.002
25724	0.001
25725	0.001
25726	0.001
25727	0
25728	0
25729	0
25730	0.001
25731	0.001
25732	0.001
25733	0.001
25734	0.001
25735	0.001
25736	0
25737	0
25738	0.001
25739	0
25740	0.001
25741	0.001
25742	0.001
25743	0.001
25744	0.001
25745	0
25746	0.001
25747	0.001
25748	0
25749	0.001
25750	0.001
25751	0
25752	0.001
25753	0.001
25754	0
25755	0.002
25756	0.003
25757	0
25758	0.001
25759	0.001
25760	0.001
25761	0.001
25762	0.001
25763	0.001
25764	0.001
25765	0.001
25766	0.001
25767	0.001
25768	0.001
25769	0.003
25770	0.004
25771	0.005
25772	0.005
25773	0.004
25774	0.005
25775	0.006
25776	0.004
25777	0.005
25778	0.007
25779	0.006
25780	0.005
25781	0.004
25782	0.003
25783	0.002
25784	0.001
25785	0.001
25786	0.001
25787	0.002
25788	0.002
25789	0.002
25790	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25791	0
25792	0.001
25793	0
25794	0
25795	0
25796	0.001
25797	0.001
25798	0.001
25799	0.001
25800	0.001
25801	0
25802	0.001
25803	0.001
25804	0.001
25805	0.001
25806	0.001
25807	0.001
25808	0.002
25809	0.003
25810	0.002
25811	0.001
25812	0.001
25813	0.001
25814	0.001
25815	0.001
25816	0.001
25817	0.001
25818	0.001
25819	0.001
25820	0.001
25821	0.001
25822	0.001
25823	0.001
25824	0.001
25825	0.001
25826	0.001
25827	0.001
25828	0.001
25829	0.001
25830	0.001
25831	0.001
25832	0.001
25833	0.001
25834	0.001
25835	0.001
25836	0.001
25837	0.001
25838	0.001
25839	0.001
25840	0.001
25841	0
25842	0.001
25843	0.001
25844	0.001
25845	0.003
25846	0.003
25847	0.001
25848	0.001
25849	0.001
25850	0.002
25851	0.003
25852	0.003
25853	0.003
25854	0.001
25855	0.001
25856	0.001
25857	0.002
25858	0.002
25859	0.002
25860	0.003
25861	0.004
25862	0.004
25863	0.003
25864	0.003
25865	0.003
25866	0.002
25867	0.001
25868	0.001
25869	0.001
25870	0.001
25871	0.001
25872	0.001
25873	0.001
25874	0.001
25875	0.002
25876	0.001
25877	0.001
25878	0.002
25879	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25880	0.001
25881	0.001
25882	0.002
25883	0.002
25884	0.002
25885	0.001
25886	0.001
25887	0.001
25888	0.001
25889	0.001
25890	0.001
25891	0.001
25892	0.001
25893	0
25894	0
25895	0.001
25896	0.001
25897	0.002
25898	0.002
25899	0.002
25900	0.001
25901	0.001
25902	0.002
25903	0
25904	0
25905	0.001
25906	0.001
25907	0.001
25908	0.001
25909	0
25910	0.001
25911	0
25912	0
25913	0.001
25914	0.001
25915	0.001
25916	0.001
25917	0.001
25918	0.001
25919	0.001
25920	0.001
25921	0.001
25922	0.001
25923	0.001
25924	0.001
25925	0.001
25926	0
25927	0
25928	0
25929	0.001
25930	0.001
25931	0.001
25932	0.001
25933	0.001
25934	0.001
25935	0.001
25936	0
25937	0
25938	0
25939	0.001
25940	0.001
25941	0.001
25942	0.001
25943	0.001
25944	0.001
25945	0.001
25946	0
25947	0.001
25948	0.001
25949	0.001
25950	0.001
25951	0.002
25952	0
25953	0.001
25954	0
25955	0.001
25956	0.001
25957	0
25958	0.001
25959	0.001
25960	0.001
25961	0
25962	0
25963	0.001
25964	0
25965	0
25966	0
25967	0
25968	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

25969	0
25970	0
25971	0
25972	0
25973	0.001
25974	0.003
25975	0.003
25976	0
25977	0
25978	0.001
25979	0.001
25980	0.001
25981	0.001
25982	0
25983	0
25984	0
25985	0
25986	0
25987	0.001
25988	0.001
25989	0.002
25990	0.002
25991	0
25992	0
25993	0.001
25994	0.001
25995	0.001
25996	0.001
25997	0
25998	0
25999	0
26000	0
26001	0.002
26002	0.003
26003	0.001
26004	0.001
26005	0.001
26006	0.001
26007	0.001
26008	0.001
26009	0
26010	0
26011	0
26012	0.001
26013	0.002
26014	0.001
26015	0
26016	0
26017	0
26018	0
26019	0
26020	0
26021	0.001
26022	0.001
26023	0.001
26024	0.002
26025	0
26026	0
26027	0.001
26028	0
26029	0.001
26030	0.001
26031	0
26032	0
26033	0
26034	0
26035	0
26036	0
26037	0
26038	0
26039	0
26040	0
26041	0.001
26042	0
26043	0
26044	0
26045	0
26046	0
26047	0
26048	0
26049	0
26050	0
26051	0
26052	0.001
26053	0.001
26054	0
26055	0
26056	0
26057	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26058	0
26059	0
26060	0
26061	0
26062	0
26063	0
26064	0
26065	0
26066	0
26067	0
26068	0
26069	0
26070	0
26071	0
26072	0
26073	0
26074	0
26075	0
26076	0.001
26077	0.001
26078	0.001
26079	0.002
26080	0
26081	0
26082	0
26083	0.001
26084	0
26085	0
26086	0
26087	0
26088	0
26089	0
26090	0
26091	0.001
26092	0.001
26093	0.001
26094	0
26095	0
26096	0.001
26097	0.001
26098	0
26099	0
26100	0
26101	0
26102	0
26103	0
26104	0
26105	0
26106	0
26107	0
26108	0
26109	0
26110	0.001
26111	0.001
26112	0
26113	0
26114	0
26115	0
26116	0
26117	0
26118	0.001
26119	0
26120	0
26121	0
26122	0.001
26123	0.001
26124	0
26125	0.002
26126	0.035
26127	0.092
26128	0.091
26129	0.103
26130	0.141
26131	0.166
26132	0.128
26133	0.063
26134	0.03
26135	0.014
26136	0.008
26137	0.003
26138	0.002
26139	0.001
26140	0.001
26141	0.001
26142	0.001
26143	0.001
26144	0
26145	0
26146	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26147	0
26148	0
26149	0
26150	0
26151	0
26152	0.001
26153	0.001
26154	0
26155	0
26156	0
26157	0.001
26158	0
26159	0
26160	0
26161	0
26162	0
26163	0.001
26164	0
26165	0
26166	0.001
26167	0
26168	0
26169	0.001
26170	0
26171	0
26172	0
26173	0
26174	0
26175	0
26176	0
26177	0
26178	0
26179	0
26180	0.001
26181	0.001
26182	0.001
26183	0
26184	0
26185	0
26186	0
26187	0
26188	0
26189	0
26190	0
26191	0
26192	0
26193	0
26194	0
26195	0
26196	0
26197	0
26198	0.001
26199	0.001
26200	0
26201	0
26202	0
26203	0
26204	0
26205	0
26206	0
26207	0
26208	0
26209	0
26210	0
26211	0.001
26212	0
26213	0.001
26214	0
26215	0
26216	0
26217	0
26218	0
26219	0
26220	0.001
26221	0.001
26222	0.001
26223	0
26224	0
26225	0
26226	0
26227	0
26228	0
26229	0.001
26230	0.001
26231	0.001
26232	0
26233	0
26234	0
26235	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26236	0
26237	0
26238	0
26239	0
26240	0
26241	0
26242	0
26243	0
26244	0
26245	0.001
26246	0
26247	0
26248	0
26249	0
26250	0.001
26251	0.002
26252	0
26253	0
26254	0.001
26255	0
26256	0
26257	0.001
26258	0
26259	0
26260	0
26261	0
26262	0
26263	0.001
26264	0
26265	0
26266	0.001
26267	0
26268	0
26269	0
26270	0.001
26271	0.002
26272	0.001
26273	0.001
26274	0
26275	0
26276	0.002
26277	0.002
26278	0.001
26279	0
26280	0
26281	0
26282	0.001
26283	0
26284	0
26285	0
26286	0
26287	0
26288	0
26289	0
26290	0
26291	0
26292	0.001
26293	0.002
26294	0
26295	0
26296	0.001
26297	0.001
26298	0
26299	0
26300	0.001
26301	0.001
26302	0.001
26303	0.001
26304	0
26305	0
26306	0
26307	0
26308	0
26309	0
26310	0
26311	0.001
26312	0.001
26313	0
26314	0.001
26315	0.001
26316	0.001
26317	0
26318	0.001
26319	0.001
26320	0.001
26321	0.001
26322	0.001
26323	0
26324	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26325	0.001
26326	0.001
26327	0
26328	0
26329	0
26330	0.001
26331	0
26332	0.001
26333	0.002
26334	0.002
26335	0.001
26336	0.001
26337	0.001
26338	0.001
26339	0
26340	0.001
26341	0.001
26342	0.001
26343	0.001
26344	0.002
26345	0.004
26346	0.001
26347	0.001
26348	0.001
26349	0.001
26350	0.001
26351	0
26352	0
26353	0
26354	0.001
26355	0
26356	0.001
26357	0.003
26358	0.001
26359	0
26360	0
26361	0
26362	0
26363	0.001
26364	0.001
26365	0
26366	0
26367	0.001
26368	0.001
26369	0.003
26370	0.002
26371	0
26372	0.001
26373	0
26374	0
26375	0
26376	0.001
26377	0.001
26378	0.001
26379	0.001
26380	0
26381	0
26382	0.001
26383	0.001
26384	0.001
26385	0.002
26386	0.003
26387	0.002
26388	0.001
26389	0
26390	0.004
26391	0.005
26392	0
26393	0
26394	0.001
26395	0
26396	0.001
26397	0
26398	0
26399	0.001
26400	0
26401	0.001
26402	0
26403	0.001
26404	0.001
26405	0.001
26406	0.001
26407	0.001
26408	0
26409	0.001
26410	0.001
26411	0.001
26412	0
26413	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26414	0.003
26415	0
26416	0
26417	0.001
26418	0
26419	0.001
26420	0.001
26421	0
26422	0
26423	0
26424	0
26425	0
26426	0
26427	0.001
26428	0.002
26429	0.002
26430	0.001
26431	0
26432	0.001
26433	0.001
26434	0.001
26435	0.001
26436	0.001
26437	0.001
26438	0
26439	0
26440	0
26441	0.001
26442	0
26443	0
26444	0
26445	0
26446	0
26447	0.001
26448	0.001
26449	0
26450	0
26451	0.002
26452	0.002
26453	0.001
26454	0
26455	0.001
26456	0.002
26457	0.001
26458	0.001
26459	0.001
26460	0.001
26461	0
26462	0.001
26463	0.001
26464	0.001
26465	0.001
26466	0.001
26467	0.001
26468	0
26469	0
26470	0
26471	0
26472	0
26473	0
26474	0.002
26475	0.003
26476	0.001
26477	0
26478	0
26479	0.001
26480	0
26481	0
26482	0
26483	0
26484	0.001
26485	0.001
26486	0.001
26487	0.001
26488	0
26489	0
26490	0.001
26491	0
26492	0
26493	0
26494	0.001
26495	0.001
26496	0
26497	0
26498	0.001
26499	0.003
26500	0.008
26501	0.006
26502	0.004

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26503	0.004
26504	0.002
26505	0.001
26506	0.001
26507	0.001
26508	0.001
26509	0.001
26510	0.001
26511	0.002
26512	0.001
26513	0.001
26514	0
26515	0.001
26516	0
26517	0
26518	0
26519	0.001
26520	0.001
26521	0.001
26522	0.002
26523	0.002
26524	0
26525	0.001
26526	0.001
26527	0
26528	0
26529	0.001
26530	0.001
26531	0.001
26532	0.001
26533	0
26534	0
26535	0
26536	0
26537	0.002
26538	0.001
26539	0
26540	0.001
26541	0.003
26542	0.001
26543	0.002
26544	0.001
26545	0.001
26546	0
26547	0
26548	0.001
26549	0
26550	0
26551	0.001
26552	0.001
26553	0.001
26554	0.001
26555	0.001
26556	0
26557	0
26558	0.001
26559	0.002
26560	0.002
26561	0.001
26562	0.002
26563	0.002
26564	0.001
26565	0.001
26566	0
26567	0
26568	0
26569	0
26570	0.001
26571	0.001
26572	0.001
26573	0.001
26574	0.001
26575	0
26576	0
26577	0.001
26578	0
26579	0
26580	0.001
26581	0.003
26582	0.003
26583	0.001
26584	0.002
26585	0.002
26586	0.001
26587	0.001
26588	0
26589	0
26590	0
26591	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/6/2019

26592	0.001
26593	0.001
26594	0.001
26595	0.001
26596	0.001
26597	0.001
26598	0.001
26599	0
26600	0.001
26601	0.001
26602	0.003
26603	0.007
26604	0.004
26605	0.008
26606	0.017
26607	0.015
26608	0.008
26609	0.004
26610	0.002
26611	0.001
26612	0.001
26613	0.001
26614	0.001
26615	0
26616	0
26617	0.001
26618	0.001
26619	0.001
26620	0.001
26621	0
26622	0
26623	0
26624	0
26625	0
26626	0.001
26627	0.001
26628	0
26629	0
26630	0.001
26631	0.002
26632	0.009
26633	0.019
26634	0.013
26635	0.006
26636	0.032
26637	0.03
26638	0.007
26639	0.002
26640	0.004
26641	0.001
26642	0
26643	0
26644	0.001
26645	0.001
26646	0.003
26647	0.006
26648	0.004
26649	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113808
Firmware Version	3.9
Calibration Date	10/8/2019
Test Name	UW_110719_004
Test Start Time	9:00:29 AM
Test Start Date	11/7/2019
Test Length [D:H:M]	0:05:04
Test Interval [M:S]	0:10
Mass Average [mg/m3]	0.006
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.064
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1827

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
10	0.007		
20	0.009		
30	0.009		
40	0.009		
50	0.008		
60	0.008		
70	0.009		
80	0.008		
90	0.008		
100	0.008		
110	0.008		
120	0.008		
130	0.009		
140	0.009		
150	0.009		
160	0.009		
170	0.01		
180	0.016		
190	0.018		
200	0.017		
210	0.019		
220	0.014		
230	0.012		
240	0.013		
250	0.013		
260	0.014		
270	0.013		
280	0.011		
290	0.012		
300	0.011		
310	0.01		
320	0.011		
330	0.013		
340	0.013		
350	0.013		
360	0.013		
370	0.015		
380	0.014		
390	0.015		
400	0.017		
410	0.014		
420	0.013		
430	0.01		
440	0.01		
450	0.01		
460	0.012		
470	0.012		
480	0.013		
490	0.014		
500	0.013		
510	0.015		
520	0.015		
530	0.013		
540	0.014		
550	0.018		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

560	0.015
570	0.014
580	0.016
590	0.017
600	0.016
610	0.014
620	0.015
630	0.015
640	0.016
650	0.017
660	0.017
670	0.018
680	0.019
690	0.02
700	0.018
710	0.016
720	0.015
730	0.016
740	0.016
750	0.015
760	0.017
770	0.017
780	0.016
790	0.015
800	0.012
810	0.01
820	0.01
830	0.009
840	0.009
850	0.011
860	0.01
870	0.011
880	0.014
890	0.017
900	0.016
910	0.011
920	0.012
930	0.013
940	0.013
950	0.012
960	0.015
970	0.015
980	0.011
990	0.013
1000	0.013
1010	0.015
1020	0.015
1030	0.016
1040	0.019
1050	0.019
1060	0.018
1070	0.015
1080	0.015
1090	0.012
1100	0.013
1110	0.013
1120	0.013
1130	0.013
1140	0.016
1150	0.02
1160	0.013
1170	0.013
1180	0.011
1190	0.012
1200	0.012
1210	0.012
1220	0.012
1230	0.012
1240	0.013
1250	0.013
1260	0.013
1270	0.015
1280	0.016
1290	0.017
1300	0.017
1310	0.017

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

1320	0.015
1330	0.015
1340	0.015
1350	0.015
1360	0.016
1370	0.018
1380	0.017
1390	0.016
1400	0.016
1410	0.017
1420	0.016
1430	0.014
1440	0.012
1450	0.014
1460	0.015
1470	0.017
1480	0.019
1490	0.018
1500	0.018
1510	0.018
1520	0.017
1530	0.016
1540	0.016
1550	0.015
1560	0.016
1570	0.016
1580	0.016
1590	0.016
1600	0.016
1610	0.017
1620	0.016
1630	0.016
1640	0.017
1650	0.015
1660	0.015
1670	0.018
1680	0.02
1690	0.022
1700	0.02
1710	0.019
1720	0.021
1730	0.02
1740	0.021
1750	0.022
1760	0.02
1770	0.022
1780	0.022
1790	0.021
1800	0.02
1810	0.019
1820	0.017
1830	0.017
1840	0.017
1850	0.016
1860	0.016
1870	0.021
1880	0.021
1890	0.022
1900	0.021
1910	0.02
1920	0.021
1930	0.02
1940	0.021
1950	0.021
1960	0.019
1970	0.019
1980	0.02
1990	0.019
2000	0.019
2010	0.013
2020	0.012
2030	0.014
2040	0.012
2050	0.012
2060	0.012
2070	0.011

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

2080	0.012
2090	0.012
2100	0.012
2110	0.012
2120	0.013
2130	0.013
2140	0.013
2150	0.012
2160	0.012
2170	0.013
2180	0.015
2190	0.013
2200	0.015
2210	0.015
2220	0.016
2230	0.016
2240	0.016
2250	0.016
2260	0.016
2270	0.016
2280	0.016
2290	0.015
2300	0.015
2310	0.017
2320	0.016
2330	0.013
2340	0.012
2350	0.012
2360	0.012
2370	0.013
2380	0.013
2390	0.014
2400	0.013
2410	0.013
2420	0.012
2430	0.013
2440	0.013
2450	0.012
2460	0.012
2470	0.011
2480	0.012
2490	0.013
2500	0.013
2510	0.013
2520	0.013
2530	0.012
2540	0.011
2550	0.01
2560	0.011
2570	0.01
2580	0.01
2590	0.01
2600	0.01
2610	0.009
2620	0.01
2630	0.01
2640	0.01
2650	0.01
2660	0.01
2670	0.01
2680	0.01
2690	0.01
2700	0.011
2710	0.011
2720	0.011
2730	0.011
2740	0.012
2750	0.013
2760	0.012
2770	0.015
2780	0.013
2790	0.012
2800	0.011
2810	0.011
2820	0.011
2830	0.011

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

2840	0.012
2850	0.012
2860	0.011
2870	0.01
2880	0.012
2890	0.01
2900	0.01
2910	0.009
2920	0.009
2930	0.009
2940	0.009
2950	0.009
2960	0.009
2970	0.009
2980	0.009
2990	0.008
3000	0.008
3010	0.009
3020	0.009
3030	0.009
3040	0.009
3050	0.009
3060	0.009
3070	0.009
3080	0.009
3090	0.01
3100	0.01
3110	0.009
3120	0.009
3130	0.009
3140	0.009
3150	0.011
3160	0.009
3170	0.01
3180	0.011
3190	0.011
3200	0.011
3210	0.011
3220	0.012
3230	0.012
3240	0.011
3250	0.009
3260	0.01
3270	0.009
3280	0.008
3290	0.007
3300	0.009
3310	0.009
3320	0.008
3330	0.008
3340	0.008
3350	0.008
3360	0.008
3370	0.007
3380	0.008
3390	0.008
3400	0.008
3410	0.008
3420	0.008
3430	0.008
3440	0.009
3450	0.009
3460	0.009
3470	0.009
3480	0.009
3490	0.009
3500	0.008
3510	0.01
3520	0.009
3530	0.009
3540	0.009
3550	0.01
3560	0.009
3570	0.009
3580	0.01
3590	0.01

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

3600	0.01
3610	0.01
3620	0.01
3630	0.01
3640	0.009
3650	0.009
3660	0.009
3670	0.009
3680	0.009
3690	0.009
3700	0.009
3710	0.009
3720	0.009
3730	0.009
3740	0.009
3750	0.009
3760	0.009
3770	0.009
3780	0.009
3790	0.009
3800	0.009
3810	0.01
3820	0.009
3830	0.009
3840	0.01
3850	0.009
3860	0.01
3870	0.01
3880	0.01
3890	0.01
3900	0.01
3910	0.011
3920	0.01
3930	0.01
3940	0.01
3950	0.01
3960	0.01
3970	0.01
3980	0.01
3990	0.01
4000	0.01
4010	0.01
4020	0.01
4030	0.01
4040	0.01
4050	0.01
4060	0.01
4070	0.01
4080	0.01
4090	0.01
4100	0.01
4110	0.01
4120	0.01
4130	0.01
4140	0.01
4150	0.01
4160	0.009
4170	0.01
4180	0.01
4190	0.009
4200	0.012
4210	0.01
4220	0.01
4230	0.009
4240	0.009
4250	0.009
4260	0.009
4270	0.008
4280	0.009
4290	0.008
4300	0.008
4310	0.008
4320	0.01
4330	0.009
4340	0.01
4350	0.009

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

4360	0.008
4370	0.008
4380	0.008
4390	0.008
4400	0.008
4410	0.007
4420	0.008
4430	0.008
4440	0.007
4450	0.008
4460	0.008
4470	0.008
4480	0.008
4490	0.008
4500	0.006
4510	0.005
4520	0.004
4530	0.004
4540	0.004
4550	0.004
4560	0.004
4570	0.004
4580	0.004
4590	0.003
4600	0.004
4610	0.003
4620	0.003
4630	0.003
4640	0.003
4650	0.003
4660	0.004
4670	0.003
4680	0.003
4690	0.004
4700	0.005
4710	0.007
4720	0.006
4730	0.006
4740	0.008
4750	0.008
4760	0.006
4770	0.004
4780	0.004
4790	0.004
4800	0.005
4810	0.006
4820	0.006
4830	0.006
4840	0.006
4850	0.006
4860	0.006
4870	0.007
4880	0.008
4890	0.006
4900	0.007
4910	0.006
4920	0.006
4930	0.006
4940	0.006
4950	0.005
4960	0.004
4970	0.004
4980	0.005
4990	0.005
5000	0.005
5010	0.004
5020	0.004
5030	0.005
5040	0.005
5050	0.005
5060	0.005
5070	0.005
5080	0.004
5090	0.004
5100	0.005
5110	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

5120	0.005
5130	0.005
5140	0.005
5150	0.005
5160	0.005
5170	0.004
5180	0.005
5190	0.005
5200	0.004
5210	0.004
5220	0.004
5230	0.004
5240	0.005
5250	0.005
5260	0.005
5270	0.005
5280	0.006
5290	0.005
5300	0.005
5310	0.004
5320	0.005
5330	0.004
5340	0.004
5350	0.004
5360	0.003
5370	0.003
5380	0.004
5390	0.004
5400	0.004
5410	0.005
5420	0.004
5430	0.005
5440	0.004
5450	0.004
5460	0.005
5470	0.004
5480	0.004
5490	0.004
5500	0.005
5510	0.004
5520	0.005
5530	0.004
5540	0.005
5550	0.005
5560	0.005
5570	0.005
5580	0.005
5590	0.006
5600	0.005
5610	0.005
5620	0.004
5630	0.003
5640	0.003
5650	0.003
5660	0.002
5670	0.002
5680	0.003
5690	0.002
5700	0.003
5710	0.003
5720	0.003
5730	0.003
5740	0.003
5750	0.003
5760	0.002
5770	0.002
5780	0.002
5790	0.002
5800	0.002
5810	0.001
5820	0.001
5830	0.001
5840	0.001
5850	0.001
5860	0.001
5870	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

5880	0.001
5890	0.001
5900	0.001
5910	0.002
5920	0.002
5930	0.002
5940	0.002
5950	0.003
5960	0.002
5970	0.002
5980	0.002
5990	0.002
6000	0.002
6010	0.002
6020	0.002
6030	0.002
6040	0.002
6050	0.002
6060	0.002
6070	0.002
6080	0.002
6090	0.002
6100	0.002
6110	0.002
6120	0.002
6130	0.002
6140	0.002
6150	0.002
6160	0.002
6170	0.002
6180	0.001
6190	0.001
6200	0.002
6210	0.002
6220	0.002
6230	0.002
6240	0.002
6250	0.002
6260	0.001
6270	0.001
6280	0.001
6290	0.002
6300	0.001
6310	0.001
6320	0.001
6330	0.001
6340	0.001
6350	0.001
6360	0.001
6370	0.001
6380	0.001
6390	0.001
6400	0.001
6410	0.001
6420	0.001
6430	0.001
6440	0.001
6450	0.001
6460	0.001
6470	0.001
6480	0.001
6490	0.001
6500	0.001
6510	0.001
6520	0.001
6530	0.001
6540	0.002
6550	0.002
6560	0.002
6570	0.002
6580	0.001
6590	0.001
6600	0.001
6610	0.001
6620	0.001
6630	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

6640	0.001
6650	0.001
6660	0.001
6670	0.001
6680	0.001
6690	0.001
6700	0.003
6710	0.004
6720	0.003
6730	0.003
6740	0.002
6750	0.002
6760	0.002
6770	0.002
6780	0.002
6790	0.005
6800	0.003
6810	0.002
6820	0.001
6830	0.001
6840	0.001
6850	0.001
6860	0.001
6870	0.001
6880	0.001
6890	0.002
6900	0.002
6910	0.002
6920	0.003
6930	0.003
6940	0.003
6950	0.004
6960	0.005
6970	0.005
6980	0.004
6990	0.004
7000	0.003
7010	0.003
7020	0.003
7030	0.006
7040	0.005
7050	0.004
7060	0.004
7070	0.005
7080	0.004
7090	0.003
7100	0.003
7110	0.004
7120	0.004
7130	0.004
7140	0.006
7150	0.004
7160	0.003
7170	0.003
7180	0.003
7190	0.003
7200	0.003
7210	0.004
7220	0.003
7230	0.003
7240	0.002
7250	0.002
7260	0.003
7270	0.003
7280	0.003
7290	0.003
7300	0.003
7310	0.003
7320	0.003
7330	0.003
7340	0.003
7350	0.003
7360	0.003
7370	0.003
7380	0.003
7390	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

7400	0.003
7410	0.003
7420	0.003
7430	0.003
7440	0.003
7450	0.003
7460	0.002
7470	0.002
7480	0.003
7490	0.004
7500	0.003
7510	0.003
7520	0.003
7530	0.003
7540	0.003
7550	0.004
7560	0.005
7570	0.004
7580	0.004
7590	0.004
7600	0.004
7610	0.004
7620	0.003
7630	0.003
7640	0.003
7650	0.003
7660	0.002
7670	0.003
7680	0.003
7690	0.003
7700	0.003
7710	0.003
7720	0.003
7730	0.003
7740	0.003
7750	0.003
7760	0.003
7770	0.004
7780	0.005
7790	0.004
7800	0.005
7810	0.004
7820	0.004
7830	0.004
7840	0.004
7850	0.003
7860	0.006
7870	0.003
7880	0.002
7890	0.002
7900	0.003
7910	0.002
7920	0.002
7930	0.002
7940	0.002
7950	0.002
7960	0.003
7970	0.002
7980	0.002
7990	0.002
8000	0.002
8010	0.002
8020	0.002
8030	0.002
8040	0.001
8050	0.001
8060	0.002
8070	0.002
8080	0.002
8090	0.001
8100	0.002
8110	0.002
8120	0.003
8130	0.003
8140	0.003
8150	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

8160	0.002
8170	0.002
8180	0.002
8190	0.002
8200	0.002
8210	0.001
8220	0.001
8230	0.001
8240	0.001
8250	0.001
8260	0.002
8270	0.002
8280	0.001
8290	0.002
8300	0.002
8310	0.002
8320	0.001
8330	0.001
8340	0.001
8350	0.001
8360	0.001
8370	0.002
8380	0.001
8390	0.001
8400	0.001
8410	0.001
8420	0.001
8430	0.001
8440	0.002
8450	0.002
8460	0.002
8470	0.002
8480	0.002
8490	0.002
8500	0.001
8510	0.002
8520	0.002
8530	0.002
8540	0.001
8550	0
8560	0.001
8570	0
8580	0.001
8590	0
8600	0.001
8610	0.001
8620	0.001
8630	0.001
8640	0.001
8650	0.001
8660	0.001
8670	0.001
8680	0
8690	0.001
8700	0.001
8710	0
8720	0
8730	0.001
8740	0
8750	0.001
8760	0.001
8770	0.001
8780	0.001
8790	0.001
8800	0.001
8810	0.001
8820	0.001
8830	0.001
8840	0.001
8850	0.001
8860	0.001
8870	0.001
8880	0.001
8890	0.001
8900	0.001
8910	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

8920	0.001
8930	0.001
8940	0.001
8950	0.001
8960	0.001
8970	0.001
8980	0.001
8990	0
9000	0.001
9010	0.001
9020	0
9030	0
9040	0
9050	0
9060	0
9070	0
9080	0
9090	0
9100	0.001
9110	0
9120	0
9130	0
9140	0
9150	0
9160	0
9170	0
9180	0
9190	0
9200	0
9210	0
9220	0.001
9230	0.001
9240	0.001
9250	0.001
9260	0.001
9270	0.001
9280	0.001
9290	0.001
9300	0.001
9310	0.001
9320	0.001
9330	0.001
9340	0.001
9350	0.001
9360	0
9370	0
9380	0
9390	0.001
9400	0.001
9410	0.001
9420	0
9430	0
9440	0
9450	0
9460	0
9470	0
9480	0.001
9490	0
9500	0.001
9510	0
9520	0.001
9530	0.001
9540	0
9550	0
9560	0.001
9570	0.001
9580	0.001
9590	0.001
9600	0
9610	0
9620	0.001
9630	0.001
9640	0.001
9650	0.001
9660	0
9670	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

9680	0.001
9690	0.001
9700	0.001
9710	0.001
9720	0.001
9730	0.001
9740	0.001
9750	0.001
9760	0.001
9770	0.001
9780	0.001
9790	0.001
9800	0.001
9810	0.001
9820	0.001
9830	0.001
9840	0.001
9850	0
9860	0.001
9870	0.001
9880	0
9890	0.001
9900	0.001
9910	0.001
9920	0.001
9930	0.001
9940	0.001
9950	0.001
9960	0.001
9970	0.001
9980	0.001
9990	0.001
10000	0.001
10010	0.001
10020	0.001
10030	0.001
10040	0.001
10050	0.001
10060	0.002
10070	0.001
10080	0.001
10090	0.002
10100	0.001
10110	0.001
10120	0.001
10130	0.002
10140	0.001
10150	0.001
10160	0.001
10170	0.001
10180	0.001
10190	0.001
10200	0.001
10210	0.001
10220	0.001
10230	0.001
10240	0.001
10250	0.001
10260	0.001
10270	0.001
10280	0.001
10290	0.001
10300	0.001
10310	0.001
10320	0.001
10330	0.001
10340	0.001
10350	0.001
10360	0.001
10370	0.001
10380	0.001
10390	0
10400	0
10410	0.001
10420	0.001
10430	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

10440	0.001
10450	0.001
10460	0.001
10470	0.001
10480	0.001
10490	0.001
10500	0.001
10510	0.001
10520	0.001
10530	0
10540	0.001
10550	0.001
10560	0
10570	0.001
10580	0.001
10590	0.001
10600	0.001
10610	0.001
10620	0.001
10630	0.001
10640	0.002
10650	0.001
10660	0.001
10670	0.001
10680	0.001
10690	0.001
10700	0.001
10710	0.001
10720	0
10730	0.001
10740	0.001
10750	0.001
10760	0.001
10770	0.001
10780	0.001
10790	0.001
10800	0.002
10810	0.001
10820	0.001
10830	0.001
10840	0.001
10850	0.002
10860	0.001
10870	0.001
10880	0.002
10890	0.001
10900	0.001
10910	0.001
10920	0.001
10930	0.001
10940	0.001
10950	0.001
10960	0.001
10970	0.001
10980	0.001
10990	0.001
11000	0.001
11010	0.001
11020	0.001
11030	0.001
11040	0.001
11050	0.002
11060	0.002
11070	0.002
11080	0.002
11090	0.002
11100	0.002
11110	0.002
11120	0.002
11130	0.002
11140	0.002
11150	0.002
11160	0.002
11170	0.002
11180	0.002
11190	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

11200	0.001
11210	0.001
11220	0.002
11230	0.002
11240	0.001
11250	0.001
11260	0.001
11270	0
11280	0.001
11290	0.001
11300	0.001
11310	0.001
11320	0.001
11330	0.001
11340	0.001
11350	0.001
11360	0
11370	0
11380	0.001
11390	0.001
11400	0
11410	0.001
11420	0
11430	0
11440	0.001
11450	0
11460	0.001
11470	0.001
11480	0.001
11490	0.001
11500	0.001
11510	0.001
11520	0.001
11530	0.001
11540	0.001
11550	0.001
11560	0.001
11570	0.001
11580	0.001
11590	0
11600	0
11610	0
11620	0
11630	0
11640	0
11650	0
11660	0
11670	0.001
11680	0
11690	0.001
11700	0
11710	0
11720	0
11730	0
11740	0
11750	0
11760	0
11770	0.001
11780	0
11790	0.001
11800	0
11810	0
11820	0
11830	0
11840	0
11850	0
11860	0.001
11870	0.001
11880	0
11890	0
11900	0.001
11910	0
11920	0
11930	0.001
11940	0
11950	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

11960	0.001
11970	0
11980	0
11990	0
12000	0
12010	0
12020	0
12030	0.001
12040	0.001
12050	0.001
12060	0
12070	0
12080	0.001
12090	0.001
12100	0.001
12110	0.001
12120	0.001
12130	0.001
12140	0.001
12150	0.001
12160	0.001
12170	0.001
12180	0.001
12190	0.001
12200	0.001
12210	0.001
12220	0.001
12230	0.001
12240	0.002
12250	0.002
12260	0.002
12270	0.002
12280	0.002
12290	0.002
12300	0.002
12310	0.002
12320	0.002
12330	0.002
12340	0.002
12350	0.002
12360	0.002
12370	0.002
12380	0.002
12390	0.003
12400	0.002
12410	0.002
12420	0.002
12430	0.002
12440	0.002
12450	0.002
12460	0.002
12470	0.001
12480	0.002
12490	0.003
12500	0.002
12510	0.003
12520	0.003
12530	0.003
12540	0.003
12550	0.003
12560	0.002
12570	0.002
12580	0.002
12590	0.002
12600	0.002
12610	0.002
12620	0.002
12630	0.002
12640	0.002
12650	0.002
12660	0.004
12670	0.014
12680	0.014
12690	0.008
12700	0.022
12710	0.019

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

12720	0.023
12730	0.036
12740	0.041
12750	0.064
12760	0.039
12770	0.022
12780	0.006
12790	0.008
12800	0.006
12810	0.004
12820	0.003
12830	0.004
12840	0.004
12850	0.008
12860	0.019
12870	0.007
12880	0.005
12890	0.004
12900	0.004
12910	0.005
12920	0.012
12930	0.013
12940	0.011
12950	0.009
12960	0.01
12970	0.01
12980	0.007
12990	0.011
13000	0.017
13010	0.016
13020	0.013
13030	0.009
13040	0.011
13050	0.01
13060	0.01
13070	0.009
13080	0.01
13090	0.009
13100	0.008
13110	0.007
13120	0.007
13130	0.007
13140	0.007
13150	0.007
13160	0.008
13170	0.008
13180	0.007
13190	0.007
13200	0.007
13210	0.007
13220	0.007
13230	0.008
13240	0.008
13250	0.008
13260	0.009
13270	0.008
13280	0.008
13290	0.007
13300	0.008
13310	0.008
13320	0.008
13330	0.008
13340	0.007
13350	0.009
13360	0.01
13370	0.011
13380	0.012
13390	0.008
13400	0.008
13410	0.009
13420	0.011
13430	0.01
13440	0.01
13450	0.008
13460	0.007
13470	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

13480	0.007
13490	0.006
13500	0.009
13510	0.009
13520	0.009
13530	0.007
13540	0.007
13550	0.007
13560	0.007
13570	0.008
13580	0.008
13590	0.007
13600	0.007
13610	0.009
13620	0.009
13630	0.006
13640	0.006
13650	0.008
13660	0.007
13670	0.006
13680	0.006
13690	0.006
13700	0.007
13710	0.007
13720	0.007
13730	0.006
13740	0.006
13750	0.006
13760	0.007
13770	0.007
13780	0.007
13790	0.007
13800	0.006
13810	0.006
13820	0.006
13830	0.006
13840	0.006
13850	0.006
13860	0.006
13870	0.007
13880	0.007
13890	0.007
13900	0.007
13910	0.007
13920	0.007
13930	0.007
13940	0.007
13950	0.006
13960	0.007
13970	0.007
13980	0.007
13990	0.008
14000	0.008
14010	0.008
14020	0.007
14030	0.007
14040	0.007
14050	0.007
14060	0.007
14070	0.007
14080	0.007
14090	0.007
14100	0.007
14110	0.007
14120	0.006
14130	0.007
14140	0.007
14150	0.006
14160	0.007
14170	0.007
14180	0.007
14190	0.006
14200	0.006
14210	0.006
14220	0.007
14230	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

14240	0.007
14250	0.006
14260	0.006
14270	0.005
14280	0.007
14290	0.012
14300	0.015
14310	0.009
14320	0.008
14330	0.008
14340	0.007
14350	0.008
14360	0.011
14370	0.008
14380	0.007
14390	0.005
14400	0.004
14410	0.005
14420	0.007
14430	0.008
14440	0.007
14450	0.007
14460	0.007
14470	0.007
14480	0.008
14490	0.009
14500	0.009
14510	0.009
14520	0.007
14530	0.008
14540	0.007
14550	0.007
14560	0.008
14570	0.009
14580	0.008
14590	0.007
14600	0.005
14610	0.005
14620	0.005
14630	0.007
14640	0.006
14650	0.006
14660	0.007
14670	0.006
14680	0.007
14690	0.008
14700	0.007
14710	0.008
14720	0.006
14730	0.006
14740	0.005
14750	0.006
14760	0.006
14770	0.005
14780	0.005
14790	0.006
14800	0.005
14810	0.005
14820	0.006
14830	0.005
14840	0.005
14850	0.005
14860	0.005
14870	0.005
14880	0.005
14890	0.006
14900	0.006
14910	0.006
14920	0.007
14930	0.007
14940	0.005
14950	0.005
14960	0.005
14970	0.005
14980	0.005
14990	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

15000	0.006
15010	0.005
15020	0.005
15030	0.006
15040	0.006
15050	0.006
15060	0.007
15070	0.007
15080	0.01
15090	0.012
15100	0.02
15110	0.012
15120	0.006
15130	0.006
15140	0.006
15150	0.006
15160	0.007
15170	0.008
15180	0.012
15190	0.011
15200	0.01
15210	0.009
15220	0.01
15230	0.013
15240	0.015
15250	0.014
15260	0.013
15270	0.013
15280	0.015
15290	0.028
15300	0.015
15310	0.005
15320	0.009
15330	0.011
15340	0.007
15350	0.006
15360	0.007
15370	0.009
15380	0.008
15390	0.009
15400	0.005
15410	0.005
15420	0.006
15430	0.008
15440	0.008
15450	0.006
15460	0.006
15470	0.008
15480	0.009
15490	0.009
15500	0.015
15510	0.028
15520	0.03
15530	0.039
15540	0.033
15550	0.029
15560	0.009
15570	0.009
15580	0.007
15590	0.009
15600	0.009
15610	0.012
15620	0.01
15630	0.007
15640	0.006
15650	0.007
15660	0.008
15670	0.005
15680	0.005
15690	0.005
15700	0.005
15710	0.005
15720	0.005
15730	0.005
15740	0.005
15750	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

15760	0.006
15770	0.008
15780	0.006
15790	0.008
15800	0.008
15810	0.008
15820	0.009
15830	0.01
15840	0.011
15850	0.012
15860	0.009
15870	0.006
15880	0.007
15890	0.006
15900	0.006
15910	0.006
15920	0.005
15930	0.006
15940	0.007
15950	0.009
15960	0.009
15970	0.009
15980	0.009
15990	0.008
16000	0.008
16010	0.009
16020	0.014
16030	0.012
16040	0.012
16050	0.016
16060	0.015
16070	0.015
16080	0.013
16090	0.018
16100	0.015
16110	0.011
16120	0.011
16130	0.009
16140	0.01
16150	0.01
16160	0.004
16170	0.007
16180	0.01
16190	0.01
16200	0.01
16210	0.008
16220	0.009
16230	0.009
16240	0.009
16250	0.009
16260	0.009
16270	0.009
16280	0.008
16290	0.007
16300	0.006
16310	0.006
16320	0.007
16330	0.007
16340	0.007
16350	0.007
16360	0.005
16370	0.005
16380	0.004
16390	0.004
16400	0.004
16410	0.004
16420	0.004
16430	0.003
16440	0.003
16450	0.003
16460	0.003
16470	0.003
16480	0.003
16490	0.003
16500	0.003
16510	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

16520	0.003
16530	0.003
16540	0.003
16550	0.005
16560	0.006
16570	0.005
16580	0.008
16590	0.007
16600	0.006
16610	0.003
16620	0.003
16630	0.003
16640	0.002
16650	0.004
16660	0.004
16670	0.005
16680	0.005
16690	0.005
16700	0.004
16710	0.004
16720	0.003
16730	0.004
16740	0.006
16750	0.011
16760	0.007
16770	0.007
16780	0.004
16790	0.005
16800	0.004
16810	0.004
16820	0.005
16830	0.007
16840	0.006
16850	0.005
16860	0.004
16870	0.003
16880	0.003
16890	0.003
16900	0.004
16910	0.004
16920	0.004
16930	0.003
16940	0.003
16950	0.003
16960	0.003
16970	0.003
16980	0.003
16990	0.003
17000	0.004
17010	0.003
17020	0.003
17030	0.003
17040	0.005
17050	0.005
17060	0.005
17070	0.006
17080	0.005
17090	0.005
17100	0.006
17110	0.006
17120	0.007
17130	0.006
17140	0.008
17150	0.008
17160	0.008
17170	0.012
17180	0.015
17190	0.012
17200	0.014
17210	0.008
17220	0.005
17230	0.006
17240	0.007
17250	0.009
17260	0.009
17270	0.007

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

17280	0.007
17290	0.012
17300	0.007
17310	0.007
17320	0.009
17330	0.009
17340	0.008
17350	0.004
17360	0.004
17370	0.003
17380	0.003
17390	0.004
17400	0.004
17410	0.004
17420	0.006
17430	0.007
17440	0.006
17450	0.007
17460	0.005
17470	0.005
17480	0.004
17490	0.003
17500	0.003
17510	0.003
17520	0.004
17530	0.003
17540	0.003
17550	0.005
17560	0.008
17570	0.007
17580	0.004
17590	0.004
17600	0.004
17610	0.004
17620	0.006
17630	0.005
17640	0.006
17650	0.005
17660	0.005
17670	0.006
17680	0.006
17690	0.006
17700	0.004
17710	0.003
17720	0.002
17730	0.003
17740	0.004
17750	0.003
17760	0.004
17770	0.004
17780	0.004
17790	0.004
17800	0.004
17810	0.005
17820	0.005
17830	0.004
17840	0.005
17850	0.005
17860	0.003
17870	0.003
17880	0.003
17890	0.003
17900	0.003
17910	0.002
17920	0.003
17930	0.003
17940	0.003
17950	0.003
17960	0.002
17970	0.002
17980	0.002
17990	0.001
18000	0.001
18010	0.001
18020	0
18030	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/7/2019

18040	0.002
18050	0.002
18060	0.002
18070	0.002
18080	0.001
18090	0.002
18100	0.002
18110	0.001
18120	0.001
18130	0
18140	0
18150	0
18160	0
18170	0
18180	0.001
18190	0
18200	0
18210	0
18220	0
18230	0
18240	0
18250	0
18260	0
18270	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530113808
Firmware Version	3.9
Calibration Date	10/8/2019
Test Name	UW_110819_005
Test Start Time	9:53:35 AM
Test Start Date	11/8/2019
Test Length [D:H:M]	0:03:57
Test Interval [M:S]	0:10
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	1.53
Mass TWA [mg/m3]	0.004
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1424

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
10	0.085		
20	0.005		
30	0.005		
40	0.005		
50	0.004		
60	0.004		
70	0.004		
80	0.004		
90	0.005		
100	0.004		
110	0.004		
120	0.006		
130	0.012		
140	0.004		
150	0.003		
160	0.004		
170	0.004		
180	0.007		
190	0.007		
200	0.003		
210	0.004		
220	0.007		
230	0.003		
240	0.002		
250	0.004		
260	0.007		
270	0.003		
280	0.004		
290	0.002		
300	0.002		
310	0.006		
320	0.002		
330	0.003		
340	0.003		
350	0.003		
360	0.005		
370	0.003		
380	0.004		
390	0.005		
400	0.004		
410	0.005		
420	0.002		
430	0.002		
440	0.002		
450	0.004		
460	0.008		
470	0.016		
480	0.016		
490	0.005		
500	0.005		
510	0.005		
520	0.002		
530	0.003		
540	0.003		
550	0.003		

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

560	0.003
570	0.004
580	0.004
590	0.004
600	0.007
610	0.012
620	0.018
630	0.006
640	0.008
650	0.014
660	0.003
670	0.003
680	0.002
690	0.012
700	0.009
710	0.012
720	0.006
730	0.005
740	0.002
750	0.005
760	0.004
770	0.003
780	0.002
790	0.002
800	0.002
810	0.002
820	0.003
830	0.006
840	0.004
850	0.003
860	0.003
870	0.002
880	0.002
890	0.002
900	0.002
910	0.001
920	0.002
930	0.001
940	0.002
950	0.002
960	0.002
970	0.006
980	0.001
990	0.001
1000	0.001
1010	0.001
1020	0.001
1030	0.001
1040	0.001
1050	0.001
1060	0.001
1070	0.001
1080	0.001
1090	0.001
1100	0.002
1110	0.001
1120	0.001
1130	0.001
1140	0.001
1150	0.001
1160	0.001
1170	0.001
1180	0.001
1190	0.001
1200	0.002
1210	0.002
1220	0.001
1230	0.001
1240	0.002
1250	0.001
1260	0.002
1270	0.003
1280	0.003
1290	0.002
1300	0.003
1310	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

1320	0.002
1330	0.002
1340	0.003
1350	0.583
1360	1.53
1370	0.2
1380	0.068
1390	0.135
1400	0.097
1410	0.136
1420	0.151
1430	0.142
1440	0.048
1450	0.003
1460	0.009
1470	0.041
1480	0.012
1490	0.001
1500	0.001
1510	0.001
1520	0.058
1530	0.021
1540	0.03
1550	0.052
1560	0.048
1570	0.009
1580	0.019
1590	0.037
1600	0.012
1610	0.011
1620	0.01
1630	0.008
1640	0.021
1650	0.013
1660	0.011
1670	0.008
1680	0.002
1690	0.002
1700	0.001
1710	0.001
1720	0.002
1730	0.001
1740	0.001
1750	0.007
1760	0.017
1770	0.001
1780	0.01
1790	0.004
1800	0.001
1810	0.011
1820	0.044
1830	0.056
1840	0.008
1850	0.001
1860	0.001
1870	0.006
1880	0.071
1890	0.062
1900	0.003
1910	0.171
1920	0.02
1930	0.079
1940	0.208
1950	0.022
1960	0.013
1970	0.005
1980	0.004
1990	0.002
2000	0.003
2010	0.013
2020	0.186
2030	0.057
2040	0.051
2050	0.043
2060	0.013
2070	0.031

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

2080	0.273
2090	0.131
2100	0.029
2110	0.177
2120	0.036
2130	0.015
2140	0.009
2150	0.017
2160	0.011
2170	0.006
2180	0.032
2190	0.01
2200	0.006
2210	0.016
2220	0.008
2230	0.004
2240	0.006
2250	0.018
2260	0.003
2270	0.016
2280	0.017
2290	0.021
2300	0.002
2310	0.005
2320	0.011
2330	0.009
2340	0.023
2350	0.015
2360	0.007
2370	0.015
2380	0.018
2390	0.006
2400	0.02
2410	0.014
2420	0.004
2430	0.007
2440	0.008
2450	0.005
2460	0.005
2470	0.009
2480	0.005
2490	0.016
2500	0.006
2510	0.001
2520	0.005
2530	0.01
2540	0.039
2550	0.012
2560	0.011
2570	0.004
2580	0.002
2590	0.1
2600	0.062
2610	0.001
2620	0
2630	0.02
2640	0.049
2650	0.015
2660	0.035
2670	0.001
2680	0
2690	0
2700	0
2710	0
2720	0
2730	0.002
2740	0.006
2750	0.006
2760	0.003
2770	0.002
2780	0.01
2790	0.016
2800	0.004
2810	0.004
2820	0.007
2830	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

2840	0.006
2850	0.004
2860	0.003
2870	0.002
2880	0.067
2890	0.01
2900	0.025
2910	0.005
2920	0.006
2930	0.014
2940	0.005
2950	0.004
2960	0
2970	0
2980	0
2990	0
3000	0.001
3010	0.001
3020	0.005
3030	0
3040	0
3050	0
3060	0
3070	0
3080	0
3090	0.001
3100	0.003
3110	0.125
3120	0.057
3130	0.022
3140	0.006
3150	0.068
3160	0.026
3170	0
3180	0.001
3190	0
3200	0.005
3210	0.006
3220	0.003
3230	0.001
3240	0.011
3250	0
3260	0.004
3270	0
3280	0.003
3290	0.002
3300	0.001
3310	0.001
3320	0
3330	0
3340	0
3350	0.001
3360	0.001
3370	0
3380	0.004
3390	0.006
3400	0.012
3410	0.011
3420	0.01
3430	0.002
3440	0
3450	0.004
3460	0.017
3470	0.027
3480	0.006
3490	0.001
3500	0.009
3510	0
3520	0
3530	0.008
3540	0.008
3550	0.019
3560	0.028
3570	0.01
3580	0.014
3590	0.034

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

3600	0.006
3610	0.089
3620	0.153
3630	0.011
3640	0.001
3650	0.006
3660	0.001
3670	0
3680	0.003
3690	0.015
3700	0.003
3710	0.003
3720	0.005
3730	0.001
3740	0.001
3750	0.001
3760	0
3770	0.001
3780	0
3790	0.001
3800	0.002
3810	0.01
3820	0.074
3830	0.021
3840	0.012
3850	0.012
3860	0.001
3870	0
3880	0.001
3890	0
3900	0
3910	0.007
3920	0.024
3930	0.002
3940	0.007
3950	0.01
3960	0.006
3970	0.001
3980	0.005
3990	0
4000	0
4010	0.007
4020	0.003
4030	0
4040	0
4050	0.007
4060	0.071
4070	0.064
4080	0.012
4090	0.005
4100	0.005
4110	0
4120	0.114
4130	0.013
4140	0
4150	0
4160	0.003
4170	0.001
4180	0
4190	0.001
4200	0
4210	0
4220	0
4230	0
4240	0.009
4250	0.003
4260	0
4270	0
4280	0
4290	0.001
4300	0
4310	0.014
4320	0.01
4330	0
4340	0
4350	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

4360	0
4370	0
4380	0
4390	0
4400	0.004
4410	0.002
4420	0.002
4430	0.005
4440	0
4450	0
4460	0
4470	0
4480	0
4490	0
4500	0
4510	0
4520	0.001
4530	0.003
4540	0
4550	0
4560	0
4570	0
4580	0
4590	0
4600	0
4610	0
4620	0
4630	0.001
4640	0.001
4650	0.001
4660	0.001
4670	0.001
4680	0
4690	0.001
4700	0
4710	0.001
4720	0
4730	0
4740	0
4750	0
4760	0
4770	0
4780	0
4790	0
4800	0.001
4810	0
4820	0
4830	0
4840	0.001
4850	0
4860	0
4870	0
4880	0
4890	0.002
4900	0.001
4910	0.001
4920	0
4930	0.001
4940	0.002
4950	0.002
4960	0.001
4970	0
4980	0.001
4990	0.001
5000	0.001
5010	0.001
5020	0
5030	0
5040	0.001
5050	0.001
5060	0.001
5070	0
5080	0.001
5090	0.001
5100	0.001
5110	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

5120	0
5130	0
5140	0.001
5150	0.001
5160	0.001
5170	0.002
5180	0.001
5190	0
5200	0.001
5210	0.001
5220	0
5230	0
5240	0
5250	0.001
5260	0.001
5270	0
5280	0.003
5290	0.006
5300	0.002
5310	0
5320	0.002
5330	0.001
5340	0.001
5350	0
5360	0
5370	0.002
5380	0
5390	0.002
5400	0.001
5410	0.015
5420	0.008
5430	0.004
5440	0.001
5450	0.001
5460	0.001
5470	0.001
5480	0
5490	0.001
5500	0
5510	0.001
5520	0.007
5530	0.005
5540	0.003
5550	0.003
5560	0.001
5570	0
5580	0
5590	0
5600	0
5610	0
5620	0
5630	0.001
5640	0.002
5650	0.006
5660	0.008
5670	0.011
5680	0.015
5690	0.008
5700	0.005
5710	0.002
5720	0.002
5730	0.004
5740	0.007
5750	0.013
5760	0.01
5770	0.007
5780	0.007
5790	0.005
5800	0.004
5810	0.006
5820	0.007
5830	0.007
5840	0.005
5850	0.007
5860	0.007
5870	0.006

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

5880	0.002
5890	0.003
5900	0.018
5910	0.014
5920	0.012
5930	0.01
5940	0.01
5950	0.009
5960	0.015
5970	0.009
5980	0.01
5990	0.009
6000	0.008
6010	0.006
6020	0.006
6030	0.005
6040	0.004
6050	0.003
6060	0.005
6070	0.003
6080	0.002
6090	0.003
6100	0.003
6110	0.003
6120	0.003
6130	0.003
6140	0.002
6150	0.002
6160	0.002
6170	0.001
6180	0.002
6190	0.003
6200	0.002
6210	0.002
6220	0.003
6230	0.002
6240	0.002
6250	0.001
6260	0.001
6270	0.001
6280	0.002
6290	0.002
6300	0.004
6310	0.016
6320	0.006
6330	0.003
6340	0.011
6350	0.02
6360	0.012
6370	0.005
6380	0.003
6390	0.008
6400	0.005
6410	0.016
6420	0.003
6430	0.007
6440	0.002
6450	0.007
6460	0.002
6470	0.003
6480	0.002
6490	0.003
6500	0.002
6510	0.002
6520	0.003
6530	0.005
6540	0.005
6550	0.004
6560	0.005
6570	0.004
6580	0.002
6590	0.003
6600	0.004
6610	0.001
6620	0.001
6630	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

6640	0.002
6650	0.001
6660	0.001
6670	0
6680	0.001
6690	0
6700	0.002
6710	0.001
6720	0.001
6730	0.002
6740	0.001
6750	0
6760	0.001
6770	0.002
6780	0.003
6790	0.003
6800	0.004
6810	0.004
6820	0.001
6830	0.002
6840	0.003
6850	0.001
6860	0.003
6870	0.004
6880	0.003
6890	0.004
6900	0.005
6910	0.003
6920	0.004
6930	0.004
6940	0.004
6950	0.005
6960	0.003
6970	0.002
6980	0.002
6990	0.001
7000	0.001
7010	0
7020	0.009
7030	0.005
7040	0.003
7050	0.002
7060	0.003
7070	0.003
7080	0.001
7090	0.001
7100	0.001
7110	0.001
7120	0.002
7130	0.001
7140	0.001
7150	0.001
7160	0.001
7170	0.001
7180	0.002
7190	0.002
7200	0.005
7210	0.004
7220	0.003
7230	0.001
7240	0.001
7250	0.001
7260	0.001
7270	0.001
7280	0.001
7290	0.001
7300	0.001
7310	0.001
7320	0.001
7330	0.001
7340	0.001
7350	0.001
7360	0.001
7370	0.001
7380	0.001
7390	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

7400	0.001
7410	0
7420	0
7430	0
7440	0.001
7450	0.001
7460	0.001
7470	0.002
7480	0.003
7490	0.003
7500	0.002
7510	0.001
7520	0.003
7530	0
7540	0.002
7550	0.004
7560	0.001
7570	0.001
7580	0.001
7590	0
7600	0.001
7610	0
7620	0
7630	0.001
7640	0.001
7650	0.001
7660	0.002
7670	0.002
7680	0.002
7690	0.002
7700	0.005
7710	0.003
7720	0.003
7730	0.003
7740	0.002
7750	0.002
7760	0.001
7770	0.001
7780	0.001
7790	0.001
7800	0.001
7810	0
7820	0
7830	0.001
7840	0.001
7850	0.001
7860	0.001
7870	0.001
7880	0
7890	0.001
7900	0.001
7910	0.001
7920	0.001
7930	0.001
7940	0.001
7950	0.001
7960	0.001
7970	0.003
7980	0.003
7990	0.004
8000	0.005
8010	0.004
8020	0
8030	0
8040	0.001
8050	0.006
8060	0
8070	0
8080	0
8090	0.001
8100	0
8110	0
8120	0.001
8130	0.002
8140	0.002
8150	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

8160	0.001
8170	0.002
8180	0.001
8190	0.001
8200	0.001
8210	0.001
8220	0.001
8230	0.002
8240	0.002
8250	0.002
8260	0
8270	0.002
8280	0.001
8290	0.001
8300	0
8310	0
8320	0
8330	0.001
8340	0.001
8350	0.001
8360	0
8370	0.001
8380	0
8390	0
8400	0
8410	0
8420	0.001
8430	0
8440	0.001
8450	0
8460	0.002
8470	0.001
8480	0
8490	0
8500	0
8510	0
8520	0
8530	0
8540	0.002
8550	0
8560	0
8570	0.001
8580	0.001
8590	0
8600	0.001
8610	0
8620	0
8630	0.001
8640	0.001
8650	0.001
8660	0
8670	0
8680	0.019
8690	0.007
8700	0.002
8710	0.006
8720	0.006
8730	0.006
8740	0.007
8750	0.007
8760	0.006
8770	0.007
8780	0.008
8790	0.005
8800	0.006
8810	0.005
8820	0.007
8830	0.007
8840	0.014
8850	0.004
8860	0.001
8870	0.001
8880	0.001
8890	0.001
8900	0.003
8910	0.003

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

8920	0.001
8930	0.001
8940	0.004
8950	0.004
8960	0.002
8970	0.001
8980	0.002
8990	0.002
9000	0.002
9010	0.002
9020	0.001
9030	0.003
9040	0.002
9050	0.001
9060	0.001
9070	0.001
9080	0.002
9090	0.001
9100	0.001
9110	0.002
9120	0.002
9130	0.007
9140	0.004
9150	0.002
9160	0.001
9170	0.004
9180	0.001
9190	0.001
9200	0.004
9210	0.003
9220	0.001
9230	0.005
9240	0.002
9250	0.004
9260	0.005
9270	0.004
9280	0.003
9290	0.003
9300	0.002
9310	0.002
9320	0.001
9330	0.002
9340	0.001
9350	0.003
9360	0.01
9370	0.013
9380	0.002
9390	0.002
9400	0.001
9410	0.003
9420	0.001
9430	0.004
9440	0.001
9450	0.022
9460	0.008
9470	0.011
9480	0.022
9490	0.015
9500	0.001
9510	0.001
9520	0.001
9530	0.001
9540	0.001
9550	0.001
9560	0.001
9570	0.001
9580	0.001
9590	0
9600	0
9610	0.001
9620	0.001
9630	0.001
9640	0
9650	0.001
9660	0
9670	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

9680	0
9690	0.002
9700	0.012
9710	0.002
9720	0.002
9730	0
9740	0.001
9750	0.002
9760	0.001
9770	0.001
9780	0.004
9790	0.004
9800	0
9810	0
9820	0.004
9830	0
9840	0.005
9850	0.007
9860	0.001
9870	0
9880	0
9890	0.001
9900	0.002
9910	0.001
9920	0.001
9930	0.001
9940	0
9950	0
9960	0
9970	0
9980	0
9990	0
10000	0
10010	0
10020	0
10030	0
10040	0
10050	0
10060	0
10070	0
10080	0.001
10090	0
10100	0.001
10110	0
10120	0
10130	0.002
10140	0
10150	0
10160	0
10170	0.01
10180	0.008
10190	0.008
10200	0.003
10210	0.001
10220	0
10230	0
10240	0.01
10250	0.004
10260	0.004
10270	0
10280	0
10290	0
10300	0
10310	0
10320	0
10330	0
10340	0
10350	0.001
10360	0
10370	0
10380	0
10390	0.004
10400	0.004
10410	0.002
10420	0.001
10430	0.001

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

10440	0
10450	0
10460	0
10470	0.003
10480	0
10490	0
10500	0
10510	0.001
10520	0
10530	0.001
10540	0
10550	0
10560	0
10570	0
10580	0
10590	0
10600	0
10610	0.001
10620	0
10630	0.002
10640	0.004
10650	0.006
10660	0
10670	0.017
10680	0.013
10690	0.005
10700	0.001
10710	0
10720	0
10730	0
10740	0.003
10750	0
10760	0
10770	0
10780	0
10790	0.009
10800	0.001
10810	0
10820	0
10830	0
10840	0
10850	0
10860	0
10870	0.001
10880	0
10890	0
10900	0
10910	0
10920	0
10930	0
10940	0
10950	0
10960	0
10970	0.007
10980	0
10990	0
11000	0
11010	0
11020	0
11030	0
11040	0
11050	0.002
11060	0
11070	0
11080	0.001
11090	0.006
11100	0.001
11110	0
11120	0
11130	0
11140	0
11150	0.001
11160	0.001
11170	0
11180	0
11190	0.002

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

11200	0.001
11210	0.001
11220	0.002
11230	0.002
11240	0.007
11250	0.008
11260	0.006
11270	0.003
11280	0.004
11290	0.007
11300	0.004
11310	0.003
11320	0.008
11330	0.003
11340	0.002
11350	0.002
11360	0.002
11370	0.004
11380	0.004
11390	0.001
11400	0.006
11410	0.003
11420	0.001
11430	0.004
11440	0.003
11450	0.002
11460	0.004
11470	0.003
11480	0.002
11490	0.002
11500	0.002
11510	0.002
11520	0.004
11530	0.003
11540	0.004
11550	0.005
11560	0.003
11570	0.011
11580	0.004
11590	0.002
11600	0.001
11610	0.001
11620	0.001
11630	0.011
11640	0.001
11650	0
11660	0.002
11670	0.01
11680	0.001
11690	0
11700	0.001
11710	0
11720	0.003
11730	0
11740	0.001
11750	0
11760	0.001
11770	0.002
11780	0.001
11790	0.001
11800	0.004
11810	0
11820	0
11830	0
11840	0.003
11850	0.001
11860	0
11870	0.001
11880	0
11890	0.001
11900	0.001
11910	0
11920	0
11930	0
11940	0
11950	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

11960	0.032
11970	0.011
11980	0.001
11990	0
12000	0
12010	0
12020	0
12030	0
12040	0.003
12050	0.005
12060	0.01
12070	0.001
12080	0
12090	0.001
12100	0
12110	0.001
12120	0
12130	0
12140	0.001
12150	0.003
12160	0.001
12170	0
12180	0
12190	0.001
12200	0.001
12210	0.001
12220	0.002
12230	0
12240	0.005
12250	0
12260	0
12270	0.009
12280	0.001
12290	0
12300	0
12310	0.003
12320	0.031
12330	0.016
12340	0.01
12350	0.01
12360	0.002
12370	0
12380	0.005
12390	0
12400	0.003
12410	0.001
12420	0.002
12430	0.002
12440	0
12450	0.003
12460	0
12470	0.007
12480	0.007
12490	0.009
12500	0.002
12510	0.002
12520	0.001
12530	0.001
12540	0
12550	0
12560	0.001
12570	0.001
12580	0
12590	0
12600	0
12610	0
12620	0
12630	0
12640	0
12650	0
12660	0
12670	0
12680	0
12690	0.049
12700	0.152
12710	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

12720	0
12730	0
12740	0
12750	0
12760	0
12770	0.007
12780	0.014
12790	0.001
12800	0
12810	0
12820	0
12830	0
12840	0
12850	0
12860	0
12870	0
12880	0
12890	0
12900	0
12910	0
12920	0.001
12930	0.001
12940	0.002
12950	0.003
12960	0
12970	0.002
12980	0
12990	0
13000	0
13010	0
13020	0.001
13030	0.001
13040	0.001
13050	0
13060	0
13070	0
13080	0.001
13090	0
13100	0.001
13110	0.002
13120	0.002
13130	0.001
13140	0
13150	0
13160	0
13170	0.001
13180	0
13190	0
13200	0
13210	0
13220	0
13230	0
13240	0
13250	0
13260	0
13270	0
13280	0
13290	0.003
13300	0.001
13310	0.004
13320	0
13330	0
13340	0
13350	0
13360	0.001
13370	0
13380	0
13390	0
13400	0
13410	0.001
13420	0.001
13430	0
13440	0
13450	0
13460	0
13470	0

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

13480	0
13490	0.002
13500	0
13510	0
13520	0
13530	0
13540	0
13550	0
13560	0.001
13570	0
13580	0
13590	0
13600	0
13610	0
13620	0
13630	0.001
13640	0.001
13650	0.011
13660	0.104
13670	0.073
13680	0.124
13690	0.01
13700	0
13710	0
13720	0
13730	0
13740	0
13750	0
13760	0
13770	0.004
13780	0.001
13790	0.001
13800	0.001
13810	0
13820	0.001
13830	0.002
13840	0.001
13850	0.001
13860	0.001
13870	0.001
13880	0.001
13890	0
13900	0
13910	0
13920	0
13930	0
13940	0
13950	0
13960	0.001
13970	0.002
13980	0.001
13990	0
14000	0.001
14010	0.001
14020	0.001
14030	0.001
14040	0.002
14050	0.002
14060	0.003
14070	0.004
14080	0.002
14090	0.002
14100	0.001
14110	0
14120	0.001
14130	0.005
14140	0.007
14150	0.008
14160	0.007
14170	0.01
14180	0.008
14190	0.006
14200	0.007
14210	0.004
14220	0.008
14230	0.005

Appendix A - Community Air Monitoring Program Data
Upwind Particulate Monitoring
11/8/2019

14240	0.001

APPENDIX B
FIELD DATA RECORDS

Field Descriptions of Samples for Former Manufactured Gas Plant (MGP) Sites

SOIL SAMPLE DESCRIPTIONS

It is important that descriptive qualifiers are consistently used to characterize degree and nature of contaminant impacts and visual-manual soil classification. The following presents some examples of descriptive qualifiers.

SOIL LOGGING

• All soils are to be logged using the **Unified Soil Classification** (ASTM D 2488 field descriptions)

• **PID or FID** used to screen all soil samples (Jar Headspace method) – maximum readings should be recorded and included on the logs. The PID/FID should be calibrated daily at a minimum

• **Moisture terms** are: Dry, Moist, and Wet

• **Color terms** - use geotechnical color charts - colors may be combined: e.g. red-brown. Color terms should be used to describe the "natural color" of the sample as opposed to staining caused by contamination (see below)

• **Log of each sample interval** should be prepared as follows:

[Coarse Grained Example] NARROWLY GRADED SAND (SP); mostly fine sand; <5% fines; red-brown, moist, environmental/depositional/geologic descriptions.

[Fine Grained Example] SANDY SILT (ML); heterogeneous till structure, nonplastic, ~30% fine to coarse, subangular sand; ~10% subangular fine gravel, max. size ~ 10 mm; brown; environmental/depositional/geologic descriptions.

• **Representativeness** – Soil logs should include particular notes if the field representative believes that there is a possibility that the soil sample being described is not representative of the interval sampled.

• **Intervals for Description** – if using a 2' (split spoon) or 4' (Macro-core) long sampler – the field description should not necessarily be for the entire sample interval. It is important to look for, identify, and describe small-scale units and changes within each sample interval.

DESCRIPTION OF CONTAMINANTS

Visible Contamination Descriptors

• **Sheen** - iridescent petroleum-like sheen. Not to be used to describe a "bacterial sheen", which can be distinguished by its tendency to break up on the water surface at angles, whereas a petroleum sheen will be continuous and will not break up. A field test for sheen is to put a soil sample in a jar of water and shake the sample (jar shake test) , then observe the presence/absence of sheen on the surface of the water in the jar.

• **Stained** - used w/ color (i.e. black or brown stained) to indicate that the soil matrix is stained a color other than the natural (unimpacted) color of the soil.

• **Coated** - soil grains are coated with tar/free product – there is not sufficient free-phase material present to saturate the pore spaces. The degree of coating should be described as light, moderate, or heavy.

• **Blebs** - observed discrete sphericals of tar/free product - but for the most part the soil matrix was not visibly contaminated or saturated. Typically this is residual product. The estimated size and number of blebs should be reported.

• **Saturated** - the entirety of the pore space for a sample is saturated with the tar/free product. Care should be taken to ensure that you're not observing water saturating the pore spaces if you use this term. Depending on viscosity, tar/free-phase saturated materials may freely drain from a soil sample.

• **Oil** - Used to characterize free and/or residual product that exhibits a distinct fuel oil or diesel fuel like odor; distinctly different from MGP-related odors/impacts.

• **Tar** - Used to describe free and/or residual product that exhibits a distinct "coal tar" type odor (e.g. naphthalene-like odor). Colors of product can be brown, black, reddish-brown, or gold.

• **Solid Tar** - Used to describe product that is solid or semi-solid phase. The magnitude of the observed solid tar should be described (e.g. discrete granules or a solid layer).

• **Purifier Material** - Purifier material is commonly brown/rust or blue/green wood chips or granular material. It is typically associated with a distinctive sulfur-like odor. Other colors may be present.

Olfactory Descriptors

• Use terms such as " tar-like odor" or "naphthalene-like odor" or "fuel oil-like odor" that provide a qualitative description (opinion) as to the possible source of the odor.

• Use modifiers such as strong, moderate, faint to indicate intensity of the observed odor.

DNAPL/LNAPL

- A jar shake test should be performed to identify and determine whether observed tar/free phase product is either denser or lighter than water. In addition, MGP residues can include both light and dense phases - this test can help determine if both light and dense phase materials are present at a particular location.

Viscosity of Free-Phase Product – If free-phase product/tar is present a qualitative description of viscosity should be made. Use descriptors such as:

- Highly viscous (e.g. taffy-like)
- Viscous (e.g. No. 6 fuel oil or bunker crude like)
- Low viscosity (e.g. No. 2 fuel oil like)

GROUNDWATER SAMPLING OBSERVATIONS

- Any observations of sheen, blebs, free-phase product/tar, staining or coating of the sampling equipment, odor, etc. that made during sampling of groundwater are to be included in the groundwater sample collection log.

Standard Colors for Reporting MGP Impacts

	RGB Color	Auto Cad Index
TAR SATURATED	255,0,0	10
COATED MATERIAL, LENSES	255,0,255	210
HARDENED TAR	129,64,0	34
BLEBS, GLOBS, SHEEN	255,191,0	40
STAINING, ODOR	255,255,0	50
PETROLEUM IMPACTS SATURATION & SHEENS	0,191,255	140
PETROLEUM IMPACTS STAINING & ODORS	170,234,255	141
PURIFIER WASTE AND ODOR	0,0,255	170
NO OBSERVED IMPACTS	0,165,0	92

Saranac Lake OU01 PDI
Test Pit Field Observations
MGP Delineation

Samplers: Nate Vogan Date/Time: 9/16/2019 - 9/26/2019
Brian Havens

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
D3	C	NA	0	4.5	NA	Native	Sand	fine to medium	reddish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand, faint odor, pid screened 0.0 ppm, GW encountered at 3.5'.
D3	C	NA	4.5	5	NA	Native	Sand	fine to medium	greenish blue	moist	Stained	Other see comments	NA	NA	Other see comments	Faint	Sand, blue-green staining, faint odor, pid screened 0.0, GW encountered at 3.5'.
D3	C	NA	4.5	8.1	NA	Native	Sand	fine to medium	reddish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand, faint odor, pid screened 0.0 ppm.
D3	D	NA	0	4	NA	Native	Sand	fine	reddish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand, reddish to dark brown, faint odor, pod screened 0.0 ppm, water 3.5' bgs.
D3	D	TP-D3D04	4	4.5	9/16/2019 14:15	Waste (MGP)	Sand	fine	greenish blue	moist	Coated	Other see comments	NA	NA	Other see comments	Moderate	Sand, bluish green, moderate odor, stained and coated, collected DUP TP-D3D04D.
D3	D	NA	4	8	NA	Native	Sand	fine	reddish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand, reddish to dark brown, faint odor, pod screened 0.0 ppm.
C3	D	NA	0	3	NA	Native	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand, reddish brown to gray, faint odor, groundwater at 2.5'.
C3	D	TP-C3D03	3	3.5	9/16/2019 15:15	Waste (MGP)	Sand	fine to coarse	dark brown	moist	Coated	Other see comments	NA	NA	Other see comments	Strong	Sand, dark brown to gray, stained and coated, strong odor, PID screen 84.8, collected MSD.
C3	D	NA	3.5	7	NA	Native	Sand	fine to coarse	reddish brown	moist	Stained	Other see comments	NA	NA	Other see comments	Faint	Sand, reddish brown to gray, faint odor, discontinuous blue green staining 4-5'.
B3	C	NA	0	1	NA	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Moderate	Sand, gray brown, groundwater at 1.0' bgs.
B3	C	NA	1	2	NA	Waste (MGP)	Sand	fine to coarse	dark brown	wet	Saturated	Other see comments	NA	NA	Other see comments	Strong	Organic debris (wood) and sand, dark brown, strong odor, saturated and sheen, PID screen 43.2 ppm.
B3	C	NA	2	6.3	NA	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Moderate	Sand, gray brown, groundwater at 1.0' bgs, blue green sand 3.7-6.0, discontinuous, organic debris and wildlife encountered down to 3.0'.
A4	B	NA	0	8.2	NA	Native	Sand	fine to medium	dark brown	moist	None Observed (NOI)	Other see comments	NA	NA	Other see comments	Faint	Sand and organic debris, dark brown, faint odor, blue green sand encountered at 4.0', screened with PID 0.2 ppm.
B5	A	NA	0	5.9	NA	Native	Sand	fine to medium	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sand, reddish brown, black staining at 2.0' bgs, no odor, total depth 5.8', groundwater at 3.5'.
G3	A	NA	0	7	NA	Native	Sand	fine to coarse	reddish brown	dry	None Observed (NOI)	NA	NA	NA	None	None	Sand, reddish brown, unconsolidated fine to coarse sand, few gravel, groundwater not encountered.

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/2020

Saranac Lake OU01 PDI
Direct Push Field Observations
MGP Delineation

Samplers: Nate Vogan Date/Time: 9/16/2019 - 9/26/2019
Brian Havens

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
G4	A	NA	8	20	NA	Native	Sand	fine to coarse	brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Water at ~9ft bgs, borehole starts caving at 13 ft bgs.
F5	B	NA	5	7.2	NA	Native	Sand	fine to medium	dark brown	moist	Stained	NA	NA	NA	Fuel oil-like	Faint	Test pit back fill.
F5	B	NA	7.2	16.2	NA	Waste (MGP)	Sand	fine to medium	light brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	PID Screen - 4.6ppm; LNAPL blebs seams at7.2, 12.9, 13.4, 16.2 ft bgs, heavy sheen on water .
F5	B	NA	16.2	20	NA	Native	Sand	fine to medium	light brown	wet	Sheen	NA	NA	NA	Fuel oil-like	Faint	Sheen on water, pid screen 0.9ppm
E4	C	NA	5	20	NA	Native	Sand	fine to medium	light brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Coarsens to medium coarse at 16 ft bgs, pid screen 0.6ppm
D5	A	NA	5	7.3	NA	Native	Sand	fine to medium	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	0.3ppm
D5	A	NA	7.3	11.4	NA	Waste (MGP)	Sand	fine to medium	light brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	26.6ppm
D5	A	NA	11.4	16.5	NA	Native	Sand	fine to medium	light brown	wet	Stained	NA	NA	NA	Fuel oil-like	Strong	14.8ppm, this stained seams, very faint sheen coating throughout
D5	A	NA	16.5	22.1	NA	Waste (MGP)	Sand	fine to medium	light brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Small seams of blebs throughout. Coarse sand layer with blebs at17.2-17.3, 18-18.4, 19-19.3, 22.1 ft bgs
D5	A	NA	22.1	25	NA	Native	Sand	medium to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Moderate	
C5	D	NA	5	20	NA	Native	Sand	fine to medium	light brown	wet	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Faint	Wet at 10.7 ft bgs, some mc sand layers, trace sheen in water
C7	B	NA	5	20	NA	Native	Sand	fine to medium	light brown	wet	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Faint	Wet at 8.6 ft
E6	D	NA	5	20	NA	Waste (MGP)	Sand	fine to medium	brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Blebs and saturated seams scattered throughout, 142ppm PID screen
E6	D	NA	20	22.4	NA	Waste (MGP)	Sand	fine to coarse	grayish brown	wet	Saturated	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	saturated seams throughout, 128ppm PID screen
E6	D	NA	22.4	27	NA	Waste (MGP)	Sand	fine to coarse	grayish brown	wet	Saturated	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	saturated seams throughout, 5.8ppm PID screen
F6	A	NA	5	15	NA	Waste (MGP)	Sand	fine to medium	grayish brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Seams with blebs starting at 8.5 ft bgs, hole collapse to 2 ft bgs
F6	A	NA	5	28.5	NA	Waste (MGP)	Sand	fine to medium	grayish brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Seams with blebs starting at 8.5 ft bgs, hole collapse to 2 ft bgs, cased hole to 15' seams of bless continued to23', PID screen 226.7 ppm
F6	A	NA	28.5	30	NA	Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Fine to coarse sand with gravel, some organic material at 28.5
E7	D	NA	5	22	NA	Waste (MGP)	Sand	fine to medium	olive brown	wet	Stained	Oil	Both	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Seams with staining staring at 7.0' bgs. PID screen 4008 ppm at 8.5' bgs, lenses of blebs starting at 10' bgs.
E7	D	NA	22	30	NA	Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace sheen in water, soil becomes coarser at 27'
F7	D	NA	5	22	NA	Waste (MGP)	Sand	fine to medium	grayish brown	moist	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Staining starts at 8' bgs, bless start at 10', PID screen 63 ppm
F7	D	NA	22	30	NA	Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Lense of coarse sand and gravel at 23-24'
G7	D	NA	0	24	NA	Waste (MGP)	Sand	fine to medium	grayish brown	moist	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Staining starts at 5' blebs starting at 19', PID screen 80.4 ppm at 17', PID screen 24.3 ppm at 23'

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/202 0

Samplers: Nate Vogan Date/Time: 9/16/2019 - 9/26/2019
Brian Havens

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
G7	D	NA	24	30	NA	Native	Sand	fine to medium	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Some coarse sand starting at 26’
F9	D	NA	0	19	NA	Waste (MGP)	Sand	fine to medium	grayish brown	moist	Saturated	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Staining started at 0.5’, lense of woody debris (not purifier waste) at 3’, screened w th PID 93 ppm. Saturated soil started at 15’
F9	D	NA	19	30	NA	Native	Sand	fine to medium	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace sheen in water
G8	D	NA	0	16	NA	Waste (MGP)	Sand	fine to medium	olive brown	moist	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Slag like material with wood chips mixed in at 5’, blebs start at 6’, pid screen 587 ppm at 10’
G8	D	NA	16	20	NA	Waste (MGP)	Sand	fine to medium	olive brown	wet	Sheen	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Pid screen at 18’ 68.7 ppm
G8	D	NA	20	30	NA	Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace sheen in water, soil transitions to coarse at 23’
H7	A	NA	5	22.5	NA	Waste (MGP)	Sand	fine to medium	reddish brown	moist	Stained	Oil	LNAPL	Low viscosity (No. 2 fuel)	Other see comments	Faint	Lenses of gray/black staining starting at 7’. PID screen 19.7 ppm at 21’ bgs. Sheen in water
H7	A	NA	22.5	30	NA	Native	Sand	medium to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Medium to coarse sand with gravel, gravel rounded, trace sheen on water. PID screen 10.7 ppm at 25’ bgs.
E8	C	NA	5	23	NA	Waste (MGP)	Sand	fine to medium	grayish brown	moist	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Staining starts at 5’ bgs, lenses at 7’ pid screen 398 ppm. Sheen on water
E8	C	NA	23	30	NA	Native	Sand	medium to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Coarse sand and rounded gravel, trace sheen on water
D8	C	NA	5	18	NA	Waste (MGP)	Sand	fine to medium	olive brown	moist	Stained	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Staining starts at 5’, trace of fill at 5’. PID screen 97.0 ppm at 16’ bgs. Pockets of silt throughout
D8	C	NA	18	30	NA	Native	Sand	medium to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	Faint	PID screened 11.9 ppm
H8	A	NA	5	12	NA	Native	Sand	fine to medium	reddish brown	dry	None Observed (NOI)	NA	NA	NA	None	None	Trace coarse sand, very red bands at 9’
H8	A	NA	12	30	NA	Native	Sand	fine to coarse	dark brown	wet	None Observed (NOI)	NA	NA	NA	Other see comments	None	Few gravel, pid screened 2.0 ppm
TW	702	NA	0	13	NA	Waste (MGP)	Sand	fine to medium	grayish brown	moist	Stained	Oil	Both	Viscous (No.6 fuel)	Fuel oil-like	Moderate	Staining starts at 5’, DNAPL at 12’, PID screen 129.0 ppm at 6’
TW	702	NA	13	20	NA	Native	Sand	fine to medium	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Trace sheen on water, PID screened 30 ppm at 14’
H6	D	DP-H6D010	0	20	9/24/19 0935	Native	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	PID screened 6.4 ppm at 15’, PID screened 33.4 ppm at 7.5’
G5	B	DP-G5B010	0	11	9/24/19 1010	Native	Sand	fine to medium	light brown	moist	None Observed (NOI)	NA	NA	NA	None	None	PID screened 1.4 ppm
G5	B	NA	11	20	NA	Native	Sand	fine to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	PID screen 9.0 ppm

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/2020

Saranac Lake OU01 PDI
Direct Push Field Observations
MGP Delineation

Samplers: Nate Vogan
Brian Havens

Date/Time: 9/16/2019 - 9/26/2019

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
G3	A	NA	5	20	NA	Native	Sand	fine to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Water at 11'. Trace gravel. Pid screened 0.1 ppm. Changes to olive brown at 17'
D3	C	NA	5	13	NA	Native	Sand	fine to medium	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Pid screened 0.0 ppm
D3	C	NA	13	20	NA	Native	Silt	fine	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Pid screened 0.1 ppm. Silt and fine sand
D3	D	NA	5	20	NA	Native	Sand	medium	olive brown	wet	Stained	Other see comments	NA	NA	Other see comments	Faint	Staining at 7', very faint odor, pid screen 0.2 ppm
C3	D	NA	5	20	NA	Native	Sand	fine to coarse	olive brown	wet	None Observed (NOI)	NA	NA	NA	Other see comments	Faint	Sand coarse sand with depth, turns red brown. Trace staining at 5'. Very faint odor, pid screen 0.6 ppm
B3	C	NA	5	10	NA	Waste (MGP)	Sand	fine to medium	olive brown	wet	Stained	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Staining starts at 5', pid screened 199 ppm
B3	C	NA	10	20	NA	Native	Sand	fine to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Sand coarse with depth, trace sheen on water, pid screened 9.2 ppm
TW	701	NA	0	20	NA	Native	Sand	fine to coarse	light brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Lenses of coarse sand and gravel start at 3'. Water roughly 13'. PID screened 0.2 ppm
H9	B	NA	0	13	NA	Native	Sand	fine to medium	light brown	dry	None Observed (NOI)	NA	NA	NA	None	None	Trace gravel
H9	B	NA	13	30	NA	Native	Sand	fine to coarse	dark brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace gravel, lense of increased fine sand at 24'. Increased gravel at 29'
G9	D	NA	0	25	NA	Waste (MGP)	Sand	fine to medium	olive brown	wet	Coated	Oil	Both	NA	Fuel oil-like	Moderate	Staining at 5', coated sections at 6-7'. PID screened at 6' 149 ppm.. DNAPL at 24.5, 119 ppm
G9	D	NA	25	30	NA	Waste (MGP)	Sand	fine to coarse	grayish brown	wet	Sheen	Other see comments	DNAPL	Viscous (No.6 fuel)	Other see comments	Faint	DNAPL at 26' PID screened 89 ppm sand coarse sand 26-30.
G10	C	NA	0	30	NA	Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Varved, pid screen at 7' 37.9, no odor. Groundwater at 8'
F11	C	NA	0	25	NA	Native	Sand	fine to coarse	reddish brown	dry	None Observed (NOI)	NA	NA	NA	None	None	Groundwater at 12' pid screened 2.4 ppm
F11	C	NA	25	30	NA	Native	Sand	medium to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace gravel pid screened 0.3 ppm
E11	D	NA	0	30	NA	Native	Sand	fine to coarse	Other see comments	wet	None Observed (NOI)	NA	NA	NA	None	None	Staining at water table (13'), unsaturated zone reddish brown, saturated zone gray brown. PID scanned 1.4 ppm
D11	B	NA	0	17	NA	Native	Sand	fine to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Pid screened 0.4 ppm
D11	B	NA	17	30	NA	Waste (MGP)	Sand	medium to coarse	grayish brown	wet	Stained	Oil	NA	NA	Fuel oil-like	Moderate	Sheen started at 20' staining at 25' PID scanned 50.4 ppm at 20'
G11	C	DP-G11C010	0	14	9/26/19 0844	Native	Sand	fine to coarse	Other see comments	dry	Stained	Other see comments	NA	NA	None	None	Staining starts at 2', lots of cobbles. Soil is dark brown, cobbles are white and red. PID screened 0.2 ppm

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/2020

Saranac Lake OU01 PDI
Direct Push Field Observations
MGP Delineation

Samplers: Nate Vogan
Brian Havens

Date/Time: 9/16/2019 - 9/26/2019

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
G11	C	DP-G11C170	14	40	9/26/19 0904	Native	Sand	fine to coarse	Other see comments	wet	None Observed (NOI)	NA	NA	NA	None	None	Gray brown, red brown at 23' and 32' bgs. Groundwater at 16' bgs. PID screened 9.4 ppm at 33'
H10	C	DP-H10C010	0	10	9/26/19 1000	Native	Sand	fine to coarse	Other see comments	dry	Stained	Other see comments	NA	NA	None	None	Staining starts at 2', lots of cobbles. Soil is dark brown, cobbles are white and red. PID screened 2.4 ppm at 7' bgs
H10	C	DP-H10C20	10	40	9/26/19 1015	Native	Sand	fine to coarse	reddish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace gravel PID screened 2.4 at 22', GW at 22'
D10	B	NA	0	2	NA	Fill	Sand	fine to medium	reddish brown	wet	Stained	NA	NA	NA	None	None	Fill w/ coal fragments
D10	B	NA	2	17.5	NA	Waste (MGP)	Sand	fine to coarse	brown	wet	Coated	Oil	Both	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Staining starts at 2', blebs 12' and 17'. Pid at 12' 322 ppm
D10	B	NA	17.5	30	NA	Native	Sand	fine to coarse	dark brown	wet	Sheen	NA	NA	NA	Fuel oil-like	Moderate	35ppm, sheen on surface
D8	D	NA	0	1.3	NA	Fill	Sand	fine to medium	dark brown	moist	None Observed (NOI)	Other see comments	NA	NA	Fuel oil-like	Faint	Fill w/ coal fragments
D8	D	NA	1.3	30	NA	Native	Sand	fine to coarse	dark brown	wet	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Strong	Strong odors from 11-13.2 ft bgs (top of wt) 35.2ppm
D5	C	NA	0	6	NA	Fill	Other see comments	fine to coarse	Other see comments	dry	None Observed (NOI)	NA	NA	NA	None	None	Bricks and cobbles, coloring white, red, and dark brown sand. Pid screened 1.4 ppm
D5	C	NA	6	30	NA	Waste (MGP)	Sand	fine to coarse	brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Faint	Blebs at 27' bgs, 54 ppm
C4	C	NA	0	5	NA	Native	Sand	fine to medium	brown	wet	Saturated	Tar	NA	Highly viscous (taffy)	Tar-like	Moderate	Wood chips of natural color and black sludge
C4	C	NA	5	12	NA	Waste (MGP)	Other see comments	Other see comments	black	wet	Saturated	Other see comments	NA	NA	Other see comments	Strong	Black sludge material, very wet 174 ppm
C4	C	NA	12	30	NA	Native	Sand	fine to medium	dark brown	wet	Blebs	Other see comments	NA	NA	Fuel oil-like	Strong	174 ppm ,blebs start at 12'
I7	A	NA	0	0.2	NA	Native	Organic	fine to coarse	dark brown	Dry	None Observed (NOI)	None	NA	NA	NA	NA	
I7	A	NA	0.2	30	NA	Native	Sand	fine to coarse	light brown	dry	None Observed (NOI)	None	NA	NA	NA	NA	Cobbles in upper 10', groundwater at 15'. Pid screened 9.8 ppm
H7	D	NA	0	1	NA	Native	Sand	fine to medium	reddish brown	dry	Stained	NA	NA	NA	Fuel oil-like	Faint	Organics and staining
H7	D	NA	1	8	NA	Native	Sand	fine to medium	black	moist	Coated	NA	NA	NA	Fuel oil-like	Moderate	Sand coated with tacky substance. Pid screened 16.2
H7	D	NA	8	18	NA	Waste (MGP)	Sand	fine to medium	grayish brown	wet	Blebs	Oil	LNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Strong	Pid screened 154 ppm, blebs at 12'. Scrap metal at 17.5'
H7	D	NA	18	30	NA	Native	Sand	fine to medium	grayish brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Pid screened 20.2 pp trace sheen on water

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/2020

Saranac Lake OU01 PDI
Direct Push Field Observations
MGP Delineation

Samplers: Nate Vogan Date/Time: 9/16/2019 - 9/26/2019
Brian Havens

Sample Information						Field Observations											
Location ID		Sample ID	Top Depth (feet bgs)	Bottom Depth (feet bgs)	Sample Date/Time	Fill /Waste /Native	Soil Type	Grain Size	Color	Moisture	MGP Impacts	MGP Waste Type	Shake Test Results	Viscosity	Odors Present	Odor Strength	Comment
B4	D	NA	0	5	NA	Fill	Sand	fine to medium	dark brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sand and wood chips
B4	D	NA	5	11	NA	Native	Sand	fine to medium	brown	wet	Stained	Other see comments	NA	NA	None	None	Sand stained green at 10', sheen on water
B4	D	NA	11	30	NA	Native	Sand	fine to medium	brown	wet	None Observed (NOI)	NA	NA	NA	None	None	Trace gravel and sheen on water. PID screened 2.4 ppm

Sample ID is comprised of:
Sample Type/Building ID#/200'grid ID/20'grid ID/Sample within the grid/sample depth

Prepared by: NWV 02/05/2020
Checked by: MHL 2/10/2020

Sampler(s): Kaitlyn Chick Date/Time: 11/4/2019 - 11/7/2019

Railroad Borings MGP Delineation FDR

Sample Information						Field Observations											
Location ID		**Sample ID**	**Top Depth (feet bgs)**	**Bottom Depth (feet bgs)**	**Sample Date/Time**	**Fill /Waste /Native**	**Soil Type**	**Grain Size**	**Color**	**Moisture**	**MGP Impacts**	**MGP Waste Type**	**Shake Test Results**	**Viscosity**	**Odors Present**	**Odor Strength**	**Comment**
801			0	6		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
801			6	13		Native	Sand	fine to medium	brown	wet	None Observed (NOI)	NA	NA	NA	None	None	
801			13	13.5		Native	Sand	fine to coarse	grayish brown	wet	Coated	Oil	NA	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Coated at 13 ft bgs
801		DP-80115	13.5	15	11/4/19 14:00	Native	Sand	fine to coarse	grayish brown	wet	Sheen	NA	NA	NA	Fuel oil-like	Faint	Sample collected at 15 ft bgs
801			15	25		Native	Sand	fine to coarse	grayish brown	wet	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Faint	
802			0	6		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
802			6	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
803		DP-80308	0	8		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
803			8	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
804			0	10		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
804		DP-80412	10	25	11/5/19 9:55	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs
805			0	8		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
805			8	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
806		DP-80608	0	10	11/5/19 8:45	Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
806			10	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	

Sampler(s): Kaitlyn Chick Date/Time: 11/4/2019 - 11/7/2019

Railroad Borings MGP Delineation FDR

Sample Information						Field Observations											
Location ID		**Sample ID**	**Top Depth (feet bgs)**	**Bottom Depth (feet bgs)**	**Sample Date/Time**	**Fill /Waste /Native**	**Soil Type**	**Grain Size**	**Color**	**Moisture**	**MGP Impacts**	**MGP Waste Type**	**Shake Test Results**	**Viscosity**	**Odors Present**	**Odor Strength**	**Comment**
807			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
807			8	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
808		DP-80808	0	8	11/5/19 11:45	Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
808			8	25		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
809			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
809			8	25		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
810		DP-81008	0	8	11/5/19 12:45	Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
810			8	18		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
811			0	5		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	No recovery 5 to 10 ft bgs
811			10	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
812			0	8		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
812		DP-81209	8	20	11/5/19 14:30	Native	Sand	fine to coarse	light brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 9 ft bgs
813			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
813			8	20		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	

Sampler(s): Kaitlyn Chick Date/Time: 11/4/2019 - 11/7/2019

Railroad Borings MGP Delineation FDR

Sample Information						Field Observations											
Location ID		**Sample ID**	**Top Depth (feet bgs)**	**Bottom Depth (feet bgs)**	**Sample Date/Time**	**Fill /Waste /Native**	**Soil Type**	**Grain Size**	**Color**	**Moisture**	**MGP Impacts**	**MGP Waste Type**	**Shake Test Results**	**Viscosity**	**Odors Present**	**Odor Strength**	**Comment**
814		DP-81408	0	8	11/6/19 8:50	Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
814			8	20		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
815			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
815			8	20		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
816			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
816			8	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
817		DP-81708	0	8	11/6/19 10:15	Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
817			8	25		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
818			0	10		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
818		DP-81812	10	12	11/6/19 10:15	Native	Sand	fine to coarse	brown	moist	Sheen	Oil	DNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Moderate	Sample collected at 12 ft bgs
818			12	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
819			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
819			8	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	

Sampler(s): Kaitlyn Chick Date/Time: 11/4/2019 - 11/7/2019

Railroad Borings MGP Delineation FDR

Sample Information						Field Observations											
Location ID		**Sample ID**	**Top Depth (feet bgs)**	**Bottom Depth (feet bgs)**	**Sample Date/Time**	**Fill /Waste /Native**	**Soil Type**	**Grain Size**	**Color**	**Moisture**	**MGP Impacts**	**MGP Waste Type**	**Shake Test Results**	**Viscosity**	**Odors Present**	**Odor Strength**	**Comment**
820			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
820			8	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
821			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
821		DP-82109	8	20	11/6/19 13:30	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 9 ft bgs
822			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
822			8	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
823		DP-82308	0	8	11/6/19 14:30	Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 8 ft bgs
823			8	20		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
824			0	8		Fill	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
824			8	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
825		DP-82512	0	25	11/8/19 9:40	Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs

Sampler(s): Kaitlyn Chick Date/Time: 11/4/2019 - 11/7/2019

Railroad Borings MGP Delineation FDR

Sample Information						Field Observations											
Location ID		**Sample ID**	**Top Depth (feet bgs)**	**Bottom Depth (feet bgs)**	**Sample Date/Time**	**Fill /Waste /Native**	**Soil Type**	**Grain Size**	**Color**	**Moisture**	**MGP Impacts**	**MGP Waste Type**	**Shake Test Results**	**Viscosity**	**Odors Present**	**Odor Strength**	**Comment**
826			0	25		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Faint	
827		DP-82712	0	25	11/7/19 10:00	Native	Sand	fine to coarse	light brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs
828			0	25		Native	Sand	fine to coarse	light brown	moist	None Observed (NOI)	NA	NA	NA	None	None	No recovery 15 to 20 ft bgs
829		DP-82912	0	20	11/7/19 9:10	Native	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs
830			0	20		Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
831		DP-83107	0	20	11/7/19 8:20	Native	Sand	Fne to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 7 ft bgs
832			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
832		DP-83218	8	25	11/8/19 10:40	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	Fuel oil-like	Faint	Sample collected at 18 ft bgs
833			0	8		Fill	Sand	fine to coarse	reddish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
833			8	10		Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	
833			10	10.5		Native	Sand	fine to coarse	grayish brown	moist	Coated	Oil	DNAPL	Low viscosity (No. 2 fuel)	Fuel oil-like	Faint	Coated 10 to 10.5 ft bgs
833		DP-83312	10.5	25	11/8/19 11:45	Native	Sand	fine to coarse	grayish brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs
834		DP-83412	0	25	11/8/19 12:30	Native	Sand	fine to coarse	brown	moist	None Observed (NOI)	NA	NA	NA	None	None	Sample collected at 12 ft bgs

WELL/PIEZOMETER CONSTRUCTION DIAGRAM STICKUP

LOCATION ID: TW-701

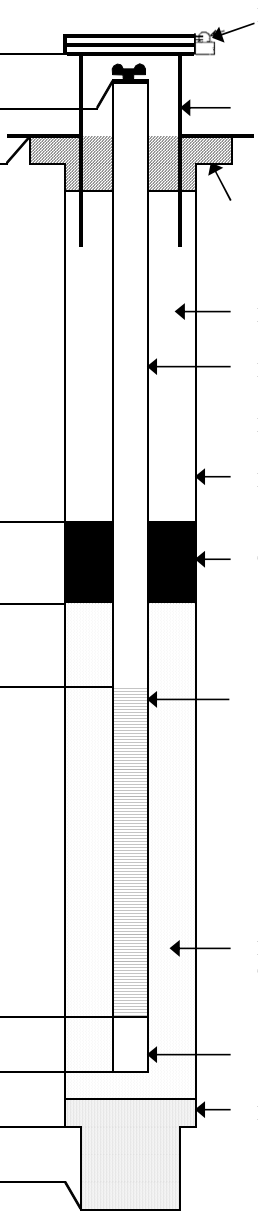
Project Name:	Saranac Lake OU1 PDI	Date Started:	9/24/2019 Date Completed 9/24/2019
Project Location:	Saranac Lake	Logged By:	Brian Havens
Project Number:	3611191237 Task Number 3	Checked By:	J. Rawcliffe Checked Date: 2/19/2020
Subcontractor:	Aztec Drilling Drilling Method: Direct Push		
Development Method:	Perstaltic pump Development Date: 9/25/2019		
Bucking Posts/Ballards:	No		
Notes:	1 inch temporary well No protective casing		
	Top of riser approximately at ground surface (estimate 0.1 foot stickup)		

Measuring Point Information

Measuring Point (MP) Type Top Of Riser

MP Elevation (ft):

Item	Depth BMP (ft)	Elevation (ft)
Stickup	0.1	
Riser Pipe (Top)	1544 msl	
Ground Surface Elevation	1544 msl	
Top of Well Seal	0.1	
Top of Sand Pack	1	
Top of Screen	10	
Base of Screen	20	
End Cap	20	
Drilled Depth	20	
Bottom of Exploration	20	
Bedrock Surface	NA	



Description	
Lock Identification	No Lock
Stickup Casing Type:	NA
Stickup Casing Diameter:	NA
Surface Seal Type:	NA
Backfill/Grout Type:	Sand
Riser Pipe Type:	Sch 40 PVC
Riser Pipe ID:	I inch
Borehole Diameter:	2 inches
Type of Seal:	Bentonite chips
Screen Type:	Sch 40 PVC
Screen ID:	I inch
Screen Slot Size:	0.01"
Screen Length:	10'
Filter/Sand Pack Type:	Sand
Sump:	NA
Fallback/Backfill:	NA

NOT TO SCALE

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 4.7
WELL/PIEZOMETER CONSTRUCTION DIAGRAM - STICKUP
NYSDEC QUALITY ASSURANCE PROJECT PLAN

WELL/PIEZOMETER CONSTRUCTION DIAGRAM STICKUP

LOCATION ID: TW-702

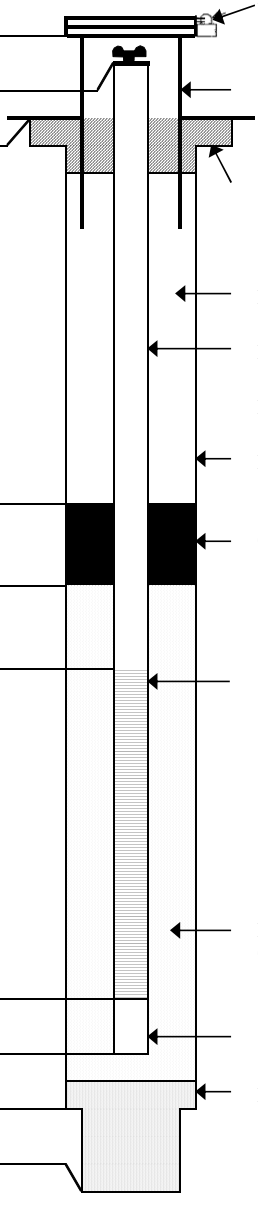
Project Name:	Saranac Lake OU1 PDI			Date Started: 9/24/2019	Date Completed: 9/24/2019
Project Location:	Saranac Lake			Logged By: Brian Havens	
Project Number:	3611191237	Task Number	3	Checked By: J Rawcliffe	Checked Date: 2/19/2020
Subcontractor:	Aztec Drilling	Drilling Method:	Direct Push		
Development Method:	Perstaltic pump	Development Date:	9/25/2019		
Bucking Posts/Ballards:	No				
Notes:	1 inch temporary well No protective casing.				
	Stickup on PVC well riser approximately 2.1 feet above ground surface.				

Measuring Point Information

Measuring Point (MP) Type: Top Of Riser

MP Elevation (ft):

Item	Depth BMP (ft)	Elevation (ft)
Stickup	2.1	
Riser Pipe (Top)	1545 msl	
Ground Surface Elevation	1543 msl	
Top of Well Seal	0.1	
Top of Sand Pack	1	
Top of Screen	8	
Base of Screen	18	
End Cap	18	
Drilled Depth	20	
Bottom of Exploration	20	
Bedrock Surface	NA	



Description	
Lock Identification	No Lock
Stickup Casing Type:	NA
Stickup Casing Diameter:	NA
Surface Seal Type:	NA
Backfill/Grout Type:	Sand
Riser Pipe Type:	Sch 40 PVC
Riser Pipe ID:	I inch
Borehole Diameter:	2 inches
Type of Seal:	Bentonite chips
Screen Type:	Sch 40 PVC
Screen ID:	I inch
Screen Slot Size:	0.01"
Screen Length:	10'
Filter/Sand Pack Type:	Sand
Sump:	NA
Fallback/Backfill:	NA

NOT TO SCALE

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 4.7
WELL/PIEZOMETER CONSTRUCTION DIAGRAM - STICKUP
NYSDEC QUALITY ASSURANCE PROJECT PLAN

WELL DEVELOPMENT RECORD

MACTEC

511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake PDI OU1
PROJECT NUMBER	3611191237
WELL INSTALLATION DATE	9/24/2019
WELL DEVELOPMENT DATE	9/25/2019

LOCATION ID	TW-701
PAGE	1 OF 1
START TIME	16:45
START DATE	9/25/2019
END TIME	17:30
END DATE	9/25/2019

WELL DIAMETER	1 IN	**CASING DIAMETER**	NA IN	**MEASUREMENT POINT (MP)**	Top of Riser		
INITIAL WELL DEPTH (BMP)	19.40 FT	**FINAL WELL DEPTH (BMP)**	19.48 FT	**SCREEN LENGTH**	10 FT	**PVC RISER STICKUP (AGS)**	Estimate 0.1' FT
INITIAL DTW (BMP)	12.91 FT	**SEDIMENT REMOVED** (final well depth - initial well depth)	0.1 FT	**SCREENED INTERVAL (BMP)**	10 TO 20	**TOC/TOR DIFFERENCE**	No protective casing Temporary well
WATER COLUMN (initial well depth - initial depth to water)	6.49 FT	**DTW AFTER DEVELOP. (BMP)**	12.92 FT	**PUMPING DEPTH (BMP)**	20 FT	**PID AMBIENT AIR**	NA PPM
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.27 GAL	**FINAL RECOVERY DEPTH (BMP)**	NA FT	**APPROXIMATE RECHARGE RATE**	NM FT/MIN	**PID WELL MOUTH**	NA PPM
TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	0.8 GAL	**FINAL RECOVERY TIME (elapsed)**	NA MIN	**FLUIDS LOST DURING DRILLING**	0 GAL	**END OF WELL DEVELOPMENT SAMPLE TAKEN?**	Y [ ] N [X]

FIELD PARAMETERS

TIME	DTW (ft BMP)	PURGE RATE (mL/min)	TEMP. (^{0}C)	SP. CONDUCTANCE (mS/cm)	pH (units)	DISS. O_2 (mg/L)	TURBIDITY (ntu)	REDOX (mv)	VOLUME PURGED (gal)	TOTAL GALLONS	COMMENTS
1700	12.92	estimate 200	---	---	---	---	---	---	0.2	0.2	Turbid
1705	12.92	estimate 200	---	---	---	---	---	---	0.2	0.4	Slighlty Turbid
1710	12.92	estimate 200	---	---	---	---	---	---	0.2	0.6	Clear
1715	12.92	estimate 200	---	---	---	---	---	---	0.2	0.8	Clear

EQUIPMENT DOCUMENTATION

- [ ] DEDICATED SUBMERSIBLE
- [ ] SURGE BLOCK
- [ ] BAILER [ ] 2" [ ] _____
- [ ] GRUNDFOS [ ] 2" [ ] 4"
- [X] OTHER Peristaltic Geopump

- [x] WATER LEVEL METER
- [ ] PID _____
- [ ] WQ METER _____
- [ ] TURB. METER _____
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

WELL DEVELOPMENT CRITERIA

	Y	N
Well water clear to the unaided eye?	X	
Sediment thickness remaining in well <1.0% of screen length?	X	
Total water removed = a minimum of 5x calculated well volumes plus 5x drilling fluids lost?		X
Turbidity < 5NTUs?	NA	
10% change in field parameters?	NA	

WAS DEVELOPMENT CRITERIA MET? Y [X] N [ ]

ADDITIONAL OBSERVATIONS

PURGE WATER CONTAINERIZED Y [X] N [ ]

NUMBER OF GALLONS GENERATED: 0.8

SKETCH

NOTES

LNAPL and DNAPL were not noted at this location, soft bottom.
Purged three well volumes. Criteria was to remove gross sediment and turbidity and enhance hydraulic connection to aquifer.

Well Developer Signature: **Amberlee Clark** Print Name: Amberlee Clark

Checked By: J Rawcliffe Date: 2/19/2020

WELL DEVELOPMENT RECORD

WELL DEVELOPMENT RECORD

MACTEC

511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake PDI OU1
PROJECT NUMBER	3611191237
WELL INSTALLATION DATE	9/24/2019
WELL DEVELOPMENT DATE	9/25/2019

LOCATION ID	TW-702
PAGE	1 OF 1
START TIME	15:15
START DATE	9/25/2019
END TIME	16:30
END DATE	9/25/2019

WELL DIAMETER	1 IN	CASING DIAMETER	NA IN	MEASUREMENT POINT (MP)	Top of Riser		
INITIAL WELL DEPTH (BMP)	19.55 FT	FINAL WELL DEPTH (BMP)	19.55 FT	SCREEN LENGTH	10 FT	PVC RISER STICKUP (AGS)	Estimate 2.1' FT
INITIAL DTW (BMP)	10.89 FT	SEDIMENT REMOVED (final well depth - initial well depth)	0 FT	SCREENED INTERVAL (BMP)	8 TO 18	TOC/TOR DIFFERENCE	No protective casing Temporary well
WATER COLUMN (initial well depth - initial depth to water)	8.66 FT	DTW AFTER DEVELOP. (BMP)	14.59 FT	PUMPING DEPTH (BMP)	19 FT	PID AMBIENT AIR	NA PPM
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.36 GAL	FINAL RECOVERY DEPTH (BMP)	NA FT	APPROXIMATE RECHARGE RATE	NM FT/MIN	PID WELL MOUTH	NA PPM
TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.1 GAL	FINAL RECOVERY TIME (elapsed)	NA MIN	FLUIDS LOST DURING DRILLING	0 GAL	END OF WELL DEVELOPMENT SAMPLE TAKEN?	Y [ ] N [X]

FIELD PARAMETERS

TIME	DTW (ft BMP)	PURGE RATE (mL/min)	TEMP. (^{0}C)	SP. CONDUCTANCE (mS/cm)	pH (units)	DISS. O_2 (mg/L)	TURBIDITY (ntu)	REDOX (mv)	VOLUME PURGED (gal)	TOTAL GALLONS	COMMENTS
1550	13.62	Estimate 120	---	---	---	---	---	---	0.16	0.16	Clear
1555	14.01	Estimate 120	---	---	---	---	---	---	0.16	0.32	Clear
1600	14.1	Estimate 120	---	---	---	---	---	---	0.16	0.48	Clear
1605	14.36	Estimate 120	---	---	---	---	---	---	0.16	0.64	Clear
1610	14.52	Estimate 120	---	---	---	---	---	---	0.16	0.8	Clear
1615	14.55	Estimate 120	---	---	---	---	---	---	0.16	0.96	Clear
1620	14.59	Estimate 120	---	---	---	---	---	---	0.16	1.1	Clear

EQUIPMENT DOCUMENTATION

- [ ] DEDICATED SUBMERSIBLE
- [ ] SURGE BLOCK
- [ ] BAILER
  - [ ] 2" [ ] _____
- [ ] GRUNDFOS
  - [ ] 2" [ ] 4"
- [X] OTHER: Peristaltic Geopump

- [X] WATER LEVEL METER
- [ ] PID
- [ ] WQ METER
- [ ] TURB. METER
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

WELL DEVELOPMENT CRITERIA

	Y	N
Well water clear to the unaided eye?	X	
Sediment thickness remaining in well <1.0% of screen length?	X	
Total water removed = a minimum of 5x calculated well volumes plus 5x drilling fluids lost?		X
Turbidity < 5NTUs?	NA	
10% change in field parameters?	NA	

WAS DEVELOPMENT CRITERIA MET? Y [X] N [ ]

ADDITIONAL OBSERVATIONS

PURGE WATER CONTAINERIZED: Y [X] N [ ]

NUMBER OF GALLONS GENERATED: 1.1

SKETCH

NOTES

LNAPL and DNAPL noted at this location, LNAPL and DNAPL samples collected. Purged three well volumes. Criteria was to remove gross sediment and turbidity and enhance hydraulic connection to aquifer.

Well Developer Signature: **Amberlee Clark** Print Name: Amberlee Clark

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DEVELOPMENT RECORD

GRAB SAMPLING RECORD - WATER

MACTEC

511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		Hydrant	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1400	1420
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
516008-Hydrant	1415	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [ ] PORE WATER [X] OTHER: Hydrant

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1400	/	Unknown	13.63	0.399	1.68	6.88	480.1	NM	0	
1405	/	Unknown	13.68	0.411	2.74	6.71	623.7	NM	0	
1410	/	Unknown	13.67	0.411	1.84	6.65	655.5	NM	0	

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

14	0.411	1,8	6.7	660	NM	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] PERISTALTIC
- [X] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [ ] SILICON TUBING
- [ ] HDPE TUBING
- [ ] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [ ] WL METER
- [ ] PID
- [X] WQ METER M015-10
- [ ] TURB. METER
- [ ] PUMP
- [ ] OTHER
- [ ] FILTERS NO. TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	BTEX	8260C		N	HCl	3x 40ml	N
X	TOC	SM5310D		N	HCl	2 x 40ml	N
X	pH	9040C		N	None	125 ml	N
X	Calcd	2540C		N	None	500 ml	N
X	TSS	2540D		N	None	1 liter	N
X	PAHs	8720C		N	None	2 x 250 ml	N

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [ ] NO [X]
NO-PURGE METHOD UTILIZED: YES [ ] NO [X]

NUMBER OF GALLONS GENERATED: 15

NOTES: 0.1 ft water depth
Pp 2", 6" into sand

Hydrant purged to grade → 15 gallons ~5 minutes water collected

Sampler Signature: [signature] Print Name: NV

Checked By: Mowul A. Lawhor Date: 2/10/2020

DEVIATIONS FROM THE WORK PLAN:

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		MW-108	9/26/19
PROJECT NUMBER		START TIME	END TIME
3611191237		0750	0905
SAMPLE ID	SAMPLE TIME	SITE NAME/NUMBER	PAGE
516008-MW108019	0846	56008	1 OF 1

WELL DIAMETER (INCHES) 1.0

TUBING ID (INCHES) ☐ 1/8 ☑ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP) ☑ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP		✓	
CASING	✓		
LOCKED	✓		
COLLAR			✓

INITIAL DTW (BMP)	14.13 FT	FINAL DTW (BMP)	14.13 FT	PROT. CASING STICKUP (AGS)	3.05 FT	TOC/TOR DIFFERENCE	0.07 FT
WELL DEPTH (BMP)	19.0 FT	SCREEN LENGTH	FT	PID AMBIENT AIR	NA PPM	REFILL TIMER SETTING	NA SEC
WATER COLUMN	4.87 FT	DRAWDOWN VOLUME (initial DTW- final DTW X well diam. squared X 0.041)	0.00 GAL	PID WELL MOUTH	NA PPM	DISCHARGE TIMER SETTING	NA SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.20 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.4 GAL	DRAWDOWN/ TOTAL PURGED	0.00	PRESSURE TO PUMP	NA PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0800	BEGIN PURGING									
0815	14.13	120	9.95	0.170	5.20	5.90	NM	175.1	17	
0820	14.13	120	10.12	0.156	5.26	5.71	NM	146.9		
0825	14.13	120	10.37	0.136	5.33	5.43	NM	129.6		
0830	14.13	120	10.54	0.134	5.47	5.62	NM	117.8		
0835	14.13	120	10.31	0.135	5.42	5.81	NM	114.0		
0840	14.13	120	10.28	0.134	5.43	5.78	NM	109.1		
0845	14.13	120	10.30	0.135	5.44	5.77	NM	105.7		

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

	10	0.135	5,4	5.8	1.4	106

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ✓ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ✓ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ✓ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ✓ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ✓ WL METER NYSDEC 5
- ☐ PID
- ✓ WQ METER MU13-10
- ✓ TURB. METER MU24-
- ☐ PUMP
- ☐ OTHER
- ☐ FILTERS NO. TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
✓	VOC	8260C	No	4C, HCl		Y		516008-MW108019
✓	SVOC	8270D	No	4C		Y		516008-MW108019
✓	PFAs	537	No	4C		Y		516008-MW108019
✓	1,4-Dioxane	8270-SIM	No	4C		Y		516008-MW108019

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☑ NO ☐

NO-PURGE METHOD UTILIZED: YES ☐ NO ☑

NUMBER OF GALLONS GENERATED: 1.4

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

Turbidity Meter unavailable during purge. Final reading collected later same day.

Sampler Signature: Amberlee Clark Print Name:

Checked By: Michael H. Lounsbury Date: 2/10/20

MACTEC
511 Congress Street, Portland Maine 04101

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		MW-204	9/26/19
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1100	1240
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/NUMBER**	**PAGE**
516008-MW204023	1206	56008	1 OF 1

WELL DIAMETER (INCHES) 1.0

TUBING ID (INCHES) ☐ 1/8 ☐ 1/4 ☑ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP) ☑ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP	✓		
CASING	✓		
LOCKED	✓		
COLLAR	✓		

INITIAL DTW (BMP)	14.08 FT	**FINAL DTW (BMP)**	14.08 FT	**PROT. CASING STICKUP (AGS)**	3.0 FT	**TOC/TOR DIFFERENCE**	0.30 FT
WELL DEPTH (BMP)	23 FT	**SCREEN LENGTH**	15 FT	**PID AMBIENT AIR**	NA PPM	**REFILL TIMER SETTING**	NA SEC
WATER COLUMN	8.92 FT	**DRAWDOWN VOLUME** (initial DTW- final DTW X well diam. squared X 0.041)	0.00 GAL	**PID WELL MOUTH**	NA PPM	**DISCHARGE TIMER SETTING**	NA SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.37 GAL	**TOTAL VOL. PURGED** (mL per minute X total minutes X 0.00026 gal/mL)	2.0 GAL	**DRAWDOWN/ TOTAL PURGED**	0.00	**PRESSURE TO PUMP**	NA PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1105	**BEGIN PURGING**									
1120	14.08	130	11.02	0.088	5.49	0.51	1.88	70.5	20	
1125	14.08	130	11.13	0.088	5.73	0.42	1.64	62.4	20	
1130	14.08	130	11.31	0.088	5.92	0.38	1.44	52.9	20	
1135	14.08	130	11.43	0.088	6.06	0.44	NM	46.5	20	
1140	14.08	130	11.61	0.088	6.25	0.71	NM	42.3	20	
1145	14.08	130	11.66	0.089	6.36	0.90	NM	42.5	20	
1150	14.08	130	11.60	0.089	6.40	0.83	NM	39.6	20	
1155	14.08	130	11.68	0.089	6.42	0.69	NM	41.4	20	
1200	14.08	130	11.69	0.088	6.40	0.67	NM	39.5	20	
1205	14.08	130	11.68	0.088	6.43	0.65	NM	39.0	20	

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

12	0.088	6.4	0.7	NM	39	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS		EQUIPMENT USED
✓ PERISTALTIC	☐ LIQUINOX	✓ SILICON TUBING	☐ S. STEEL PUMP MATERIAL	✓ WL METER NYSDEC 5
☐ SUBMERSIBLE	☐ DEIONIZED WATER	☐ TEFLON TUBING	☐ PVC PUMP MATERIAL	☐ PID
☐ BLADDER	✓ POTABLE WATER	☐ TEFLON LINED TUBING	☐ GEOPROBE SCREEN	✓ WQ METER MU13-10
☐ WATTERA	☐ NITRIC ACID	☐ HDPE TUBING	☐ TEFLON BLADDER	✓ TURB. METER MU24-38
☐ OTHER	☐ HEXANE	✓ LDPE TUBING	☐ OTHER	☐ PUMP
☐ OTHER	☐ METHANOL	☐ OTHER	☐ OTHER	☐ OTHER
	☐ OTHER	☐ OTHER	☐ OTHER	☐ FILTERS NO. TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
✓	VOC	8260C	No	4C, HCl		Y	MS/MD	516008-MW204023
✓	SVOC	8270D	No	4C		Y	MS/MD	516008-MW204023
✓	PFAs	537	No	4C		Y		516008-MW204023
✓	1,4-Dioxane	8270-SIM	No	4C		Y		516008-MW204023

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☑ NO ☐
NO-PURGE METHOD UTILIZED: YES ☐ NO ☑
NUMBER OF GALLONS GENERATED: 2.0
If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

Turbity meter failed. Final reading collected later in day with new meter.

Sampler Signature: Print Name: Amberlee Clark

Checked By: Michael H. Lounsbury Date: 2/10/20

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		MW-205D	9/26/19
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		0920	1100
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/NUMBER**	**PAGE**
516008-MW205D025	1011	56008	1 OF 1

WELL DIAMETER (INCHES): 1.0

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☑ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☑ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP	✓		
CASING	✓		
LOCKED	✓		
COLLAR	✓		

INITIAL DTW (BMP)	13.01 FT	FINAL DTW (BMP)	13.01 FT	PROT. CASING STICKUP (AGS)	2.98 FT	TOC/TOR DIFFERENCE	0.17 FT
WELL DEPTH (BMP)	25 FT	SCREEN LENGTH	10 FT	PID AMBIENT AIR	NA PPM	REFILL TIMER SETTING	NA SEC
WATER COLUMN	11.99 FT	DRAWDOWN VOLUME (initial DTW- final DTW X well diam. squared X 0.041)	0.00 GAL	PID WELL MOUTH	NA PPM	DISCHARGE TIMER SETTING	NA SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.49 GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	1.5 GAL	DRAWDOWN/ TOTAL PURGED	0.00	PRESSURE TO PUMP	NA PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0925	BEGIN PURGING									
0940	13.01	130	10.95	0.248	6.09	0.41	NM	-11.9	20	
0945	13.01	130	10.81	0.250	6.14	0.44	NM	-17.4	20	
0950	13.01	130	10.81	0.247	6.16	0.63	NM	-19.8	20	
0955	13.01	130	10.81	0.245	6.18	0.88	NM	-21.9	20	
1000	13.01	130	10.81	0.245	6.20	0.97	NM	-23.9	20	
1005	13.01	130	10.81	0.245	6.20	0.92	NM	-23.8	20	
1010	13.01	130	10.81	0.244	6.21	0.94	NM	-25.8	20	

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

11	0.244	6.2	0.9	0.18	-26	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP	DECON FLUIDS USED	TUBING/PUMP/BLADDER MATERIALS		EQUIPMENT USED
✓ PERISTALTIC	☐ LIQUINOX	✓ SILICON TUBING	☐ S. STEEL PUMP MATERIAL	✓ WL METER NYSDEC 5
☐ SUBMERSIBLE	☐ DEIONIZED WATER	☐ TEFLON TUBING	☐ PVC PUMP MATERIAL	☐ PID
☐ BLADDER	✓ POTABLE WATER	☐ TEFLON LINED TUBING	☐ GEOPROBE SCREEN	✓ WQ METER MU13-10
	☐ NITRIC ACID	☐ HDPE TUBING	☐ TEFLON BLADDER	✓ TURB. METER MU24-
☐ WATTERA	☐ HEXANE	✓ LDPE TUBING	☐ OTHER	☐ PUMP
☐ OTHER	☐ METHANOL	☐ OTHER	☐ OTHER	☐ OTHER
☐ OTHER	☐ OTHER	☐ OTHER	☐ OTHER	☐ FILTERS NO. TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
✓	VOC	8260C	No	4C, HCl		Y	DUP	516008-MW205D025
✓	SVOC	8270D	No	4C		Y	DUP	516008-MW205D025
✓	PFAs	537	No	4C		Y	DUP	516008-MW205D025
✓	1,4-Dioxane	8270-SIM	No	4C		Y	DUP	516008-MW205D025

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☑ YES ☐ NO

NO-PURGE METHOD UTILIZED: ☐ YES ☑ NO

NUMBER OF GALLONS GENERATED: 1.5

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

Turbidity Meter unavailable during purge. Final reading collected later same day.

Sampler Signature: [signature] Print Name: Amberlee Clark

Checked By: Michael H. Lounsbury Date: 2/10/20

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		TW-702	9/26/19
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1250	1415
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/NUMBER**	**PAGE**
516008-TW702015	1346	56008	1 OF 1

WELL DIAMETER (INCHES) 1.0

TUBING ID (INCHES) ☐ 1/8 ☑ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP) ☑ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP	✓		
CASING	✓		
LOCKED	✓		
COLLAR			✓

INITIAL DTW (BMP)	10.94 FT	**FINAL DTW (BMP)**	NM FT	**PROT. CASING STICKUP (AGS)**	2.5 FT	**TOC/TOR DIFFERENCE**	NA FT
WELL DEPTH (BMP)	18 FT	**SCREEN LENGTH**	10 FT	**PID AMBIENT AIR**	NA PPM	**REFILL TIMER SETTING**	NA SEC
WATER COLUMN	7.06 FT	**DRAWDOWN VOLUME** (initial DTW- final DTW X well diam. squared X 0.041)	0.45 GAL	**PID WELL MOUTH**	NA PPM	**DISCHARGE TIMER SETTING**	NA SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	0.29 GAL	**TOTAL VOL. PURGED** (mL per minute X total minutes X 0.00026 gal/mL)	1.0 GAL	**DRAWDOWN/ TOTAL PURGED**	0.45	**PRESSURE TO PUMP**	NA PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1305	**BEGIN PURGING**									
1320	See Notes	100	12.69	0.145	6.61	1.75	NM	-0.91	15	
1325	NM	100	12.50	0.139	6.79	1.92	NM	-13.7	15	
1330	NM	100	12.67	0.139	6.92	1.74	NM	-16.9	15	
1335	NM	100	12.63	0.141	7.05	1.12	NM	-21.4	15	
1340	NM	100	12.64	0.142	7.06	1.12	NM	-23.4	15	
1345	NM	100	12.62	0.142	7.09	1.11	NM	-24.3	15	

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

13	0.142	7.1	1.1	NM	-24	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ✓ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ✓ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ✓ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ✓ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ✓ WL METER NYSDEC 5
- ☐ PID
- ✓ WQ METER MU13-10
- ✓ TURB. METER MU24-
- ☐ PUMP
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE ___

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐	VOC	8260C	No	4C, HCl				
☐	SVOC	8270D	No	4C				
☐								
☐								
☐								
✓	PFAs	537	No	4C		Y		516008-TW702015
✓	1,4-Dioxane	8270-SIM	No	4C		Y		516008-TW702015

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ✓ NO ☐
NO-PURGE METHOD UTILIZED: YES ☐ NO ✓

NUMBER OF GALLONS GENERATED: 1.0

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

Turbidity Meter unavailable during purge. Final reading collected later same day.
*LNAPL affecting water level meter. No readings

Sampler Signature: [signature] Print Name: Amberlee Clark

Checked By: Michael H. Lounsbury Date: 2/10/20

GRAB SAMPLING RECORD - WATER

MACTEC

511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-701	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		940	1005
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-701	1000	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
950	NM	250	14.9	0.578	7.64	6.43	-45.4	NM	3	Below water surface
955	NM	250	14.5	0.6	3.39	6.27	-45.4	NM	3	
1000	NM	250	14.31	0.609	0.47	6.24	-49.9	NM	3	

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

14	**0.609**	**0.5**	**6.24**	**-50**	**NM**	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER _____
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER _____

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [ ] WL METER _____
- [ ] PID _____
- [X] WQ METER M015-10
- [ ] TURB. METER _____
- [ ] PUMP _____
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compounds	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	[ ]	[X]
NO-PURGE METHOD UTILIZED	[ ]	[X]

NUMBER OF GALLONS GENERATED _____

NOTES: 0.1 ft water depth
Pp 2", 6" into sand

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: #######

DEVIATIONS FROM THE WORK PLAN: None

GRAB SAMPLING RECORD - WATER

MACTEC

511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-702	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1000	1025
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-702	1020	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1010	NM	500	14.04	0.357	0.75	6.43	3.7	NM		
1015	NM	500	14.04	0.344	0.6	6.42	-16.7	NM		
1020	NM	500	14.07	0.341	0.56	6.42	-26.6	NM		

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

	14	**0.341**	**0.6**	**6.4**	**-27**	**NM**

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER _____
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER _____

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [ ] WL METER _____
- [ ] PID _____
- [X] WQ METER M015-10
- [ ] TURB. METER _____
- [ ] PUMP _____
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compounds	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED — YES [ ] NO [X]
NUMBER OF GALLONS GENERATED _____
NO-PURGE METHOD UTILIZED — YES [ ] NO [X]

NOTES: 0.2 ft water depth
PP 1ft bgs

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: 2/10/2020

DEVIATIONS FROM THE WORK PLAN: None

GRAB SAMPLING RECORD - WATER

MACTEC

511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-703	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1030	1045
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-703	1040	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1030	NM	500	13.75	0.217	0.83	6.02	4.8	NM	2	
1035	NM	500	13.75	0.216	0.39	5.8	55	NM	2	
1040	NM	500	13.75	0.217	0.29	5.74	61.4	NM	2	

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

	14	**0.217**	**0.3**	**5.7**	**61**	**NM**

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER _____
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER _____

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [ ] WL METER _____
- [ ] PID _____
- [X] WQ METER M015-10
- [ ] TURB. METER _____
- [ ] PUMP _____
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compound	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED — YES [ ] NO [X]
NUMBER OF GALLONS GENERATED _____
NO-PURGE METHOD UTILIZED — YES [ ] NO [X]

NOTES: 0.7 ft water depth
Pp 2ft

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: 2/10/2020

DEVIATIONS FROM THE WORK PLAN: None

GRAB SAMPLING RECORD - WATER

MACTEC

511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-704	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1045	1105
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-704	1100	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1050	NM	300	14.34	0.248	2.98	6.01	16.7	NM	4	Below water surface
1055	NM	300	14.2	0.248	1.41	5.84	26.8	NM	4	
1100	NM	300	13.94	0.248	0.99	5.65	28.9	NM	4	

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

14	**0.248**	**0.99**	**5.7**	**29**	**NM**	

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER _____
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER _____

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER _____
- [ ] OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER _____
- [ ] OTHER _____
- [ ] OTHER _____

EQUIPMENT USED
- [ ] WL METER _____
- [ ] PID _____
- [X] WQ METER M015-10
- [ ] TURB. METER _____
- [ ] PUMP _____
- [ ] OTHER _____
- [ ] FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compound	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	[ ]	[X]
NO-PURGE METHOD UTILIZED	[ ]	[ ]

NUMBER OF GALLONS GENERATED _____

NOTES: 0.9 ft water depth
Pp 4 ft, no sand encountered, all soft material

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: 2/10/2020

DEVIATIONS FROM THE WORK PLAN: None

GRAB SAMPLING RECORD - WATER

MACTEC
511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-705	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1050	1125
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-705	1120	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1100	NM	250	15.77	0.235	1.52	6.2	13.7	NM	4	Below water surface
1105	NM	250	15.31	0.258	1.46	6.15	-0.5	NM	4	
1110	NM	250	15.38	0.265	1.29	6.1	-3.5	NM	4	
1115	NM	250	15.59	0.267	1.04	6.04	-5.7	NM	4	
FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)										
			14	**0.217**	**0.3**	**5.7**	**61**	**NM**		

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [ ] WL METER
- [ ] PID
- [X] WQ METER M015-10
- [ ] TURB. METER
- [ ] PUMP
- [ ] OTHER
- [ ] FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compounds	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	[ ]	[X]
NO-PURGE METHOD UTILIZED	[ ]	[X]

NUMBER OF GALLONS GENERATED _____

NOTES: 0.9 ft water depth
Pp 4 ft, no sand encountered, all soft material

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: 2/10/2020

DEVIATIONS FROM THE WORK PLAN: None

GRAB SAMPLING RECORD - WATER

MACTEC
511 Congress Street
Suite 200
Portland, Maine 04101

PROJECT NAME		LOCATION ID	DATE
Saranac Lake OU01 PDI		PP-706	9/25/2019
PROJECT NUMBER		**START TIME**	**END TIME**
3611191237		1120	1145
SAMPLE ID	**SAMPLE TIME**	**SITE NAME/INSTALLATION**	**PAGE**
PP-706	1140	Saranac Lake	1 OF 1

SAMPLE TYPE: [ ] GROUNDWATER [ ] SURFACE WATER [ ] STORM WATER [ ] DRINKING WATER [X] PORE WATER [ ] OTHER: _____

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QPP)

TIME	DTW (FT)	PURGE RATE (mL/min)	TEMP. (°C) ±3%	SP. CONDUCTANCE (mS/cm) ±3%	DISS. O_2 (mg/L) ±10% or 3 values <0.5 mg/L	pH (units) ±0.1	REDOX (mv) ±10 mv	TURBIDITY (ntu) ±10% and <10 ntu or 3 values <5 ntu	PUMP INTAKE DEPTH (ft)	COMMENTS
1050	NM	300	13.07	0.261	2.11	5.98	19.9	NM	4	Below water surface
1055	NM	300	13.18	0.261	2.81	5.73	36.3	NM	4	
1100	NM	300	12.97	0.263	2.72	5.67	43.3	NM	4	

FINAL STABILIZED FIELD PARAMETERS (rounded to appropriate significant figures)

	13	**0.263**	**2.7**	**5.7**	**43**	**NM**

TEMP.: nearest degree (ex. 10.1 = 10)
COND.: 3 significant figure (SF) max (ex. 1.686 = 1.69)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [X] PERISTALTIC
- [ ] SUBMERSIBLE
- [ ] BLADDER
- [ ] WATTERA
- [ ] HYDRASLEEVE
- [ ] OTHER

DECON FLUIDS USED
- [ ] ALCONOX
- [ ] DEIONIZED WATER
- [ ] POTABLE WATER
- [ ] NITRIC ACID
- [ ] HEXANE
- [ ] METHANOL
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [X] SILICON TUBING
- [ ] HDPE TUBING
- [X] LDPE TUBING
- [ ] OTHER
- [ ] OTHER

TUBING/PUMP/BLADDER MATERIALS
- [ ] S. STEEL PUMP MATERIAL
- [ ] PVC PUMP MATERIAL
- [ ] GEOPROBE SCREEN
- [ ] OTHER
- [ ] OTHER
- [ ] OTHER

EQUIPMENT USED
- [ ] WL METER
- [ ] PID
- [X] WQ METER M015-10
- [ ] TURB. METER
- [ ] PUMP
- [ ] OTHER
- [ ] FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	ANALYTE LIST	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	QC COLLECTED
X	Naphthalene	8260	Volatile Organic Compounds	N	HCl	3x 40ml	N

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	[ ]	[X]
NO-PURGE METHOD UTILIZED	[ ]	[X]

NUMBER OF GALLONS GENERATED _____

NOTES: 0.7 ft water depth
Pp 3ft, 6" into sand

DEVIATIONS FROM THE WORK PLAN: None

Sampler Signature: Nate Vogan Print Name: NV

Checked By: Michael H. Lounsbury Date: #######

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 48, Sunny
WEATHER CONDITIONS (PM): 65, Sunny

TASK NO: .03 DATE: 9/16/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MAL DATE: 9/16/19

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0830 /End Time 0835

POST CALIBRATION CHECK Start Time 1700 /End Time 1705

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	100.2	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.4	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 38, Sunny
WEATHER CONDITIONS (PM): 59, Sunny

TASK NO: .03 DATE: 9/18/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MHL DATE: 2/14/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1730 /End Time 1735

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01723

Background	ppmv	<0.1	0.0	<0.1	0.1	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.6	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE
MODEL NO.
UNIT ID NO.

Background	ppmv	<0.1		<0.1		See Notes Below for Additional Information
Span Gas	ppmv	100		100		

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 38, Sunny
WEATHER CONDITIONS (PM): 59, Sunny

TASK NO: .03 DATE: 9/18/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MKL DATE: 2/10/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1730 /End Time 1735

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L [1 (see Chart 1)]			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.3	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.8	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

Cal. Standard Lot Number		Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 45, Sunny
WEATHER CONDITIONS (PM): 62, Sunny

TASK NO: .03 DATE: 9/17/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MHL DATE: 2/10/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1710 /End Time 1715

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 5% of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.8	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.1	

[X] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): Sunny, calm, 50 F
WEATHER CONDITIONS (PM): Sunny, 68F

TASK NO: .03 DATE: 9/26/19
MACTEC CREW: A. Clark & N. Vogan
SAMPLER NAME: A. Clark
SAMPLER SIGNATURE:
CHECKED BY: NWV DATE: 10/2/2019

MULTI-PARAMETER WATER QUALITY METER

METER TYPE YSI
MODEL NO. 556
UNIT ID NO. M015-10

AM CALIBRATION Start Time 0720 /End Time 0740

POST CALIBRATION CHECK Start Time 1450 /End Time 1515

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0	4.0	+/- 0.1 pH Units			
pH (7)	SU	7.0	7.0	+/- 0.1 pH Units	7.0	8.04	+/- 0.3 pH Units
pH (10)	SU	10.0	NA	+/- 0.1 pH Units			
Redox	+/- mV	240	240	+/- 10 mV	240	238.7	+/- 10 mV
Conductivity	mS/cm	1.413	1.413	+/- 0.5 % of standard	1.413	1.390	+/- 5% of standard
DO (saturated)	%	100	99.6	+/- 2% of standard			
DO (saturated)	mg/L[1 (see Chart 1)]	10.02	10.02	+/- 0.2 mg/L	10.48	16.27	+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C		15.24			16.47	
Baro. Press.	mmHg		713.2			713.9	

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

Background	ppmv	<0.1	0.0	<0.1	0.1	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	99.8	

[ ] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[X] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**. PM fail DO and pH

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)	9GC307	3/21
pH (7)	9GB719	2/21
pH (10)		
ORP	3086	6/23
Conductivity	9GC666	3/20
<0.1 Turb. Stan.	A8232	11/19
20 Turb. Stan.	A8239	12/19
100 Turb. Stan.	A8236	11/19
800 Turb. Stan.	A8236	11/19
PID Span Gas	EBJ-248-100-14	08/19/2023
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): Sunny, calm, 50 F
WEATHER CONDITIONS (PM): Sunny, 68F

TASK NO: .03 DATE: 9/25/19
MACTEC CREW: A. Clark & N. Vogan
SAMPLER NAME: A. Clark
SAMPLER SIGNATURE:
CHECKED BY: NWV DATE: 10/2/2019

MULTI-PARAMETER WATER QUALITY METER

METER TYPE YSI
MODEL NO. 556
UNIT ID NO. M015-10

AM CALIBRATION Start Time 0820 /End Time 0845

POST CALIBRATION CHECK Start Time 1500 /End Time 1530

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0	4.0	+/- 0.1 pH Units			
pH (7)	SU	7.0	7.0	+/- 0.1 pH Units	7.0	6.91	+/- 0.3 pH Units
pH (10)	SU	10.0	NA	+/- 0.1 pH Units			
Redox	+/- mV	240	240	+/- 10 mV	240	243.6	+/- 10 mV
Conductivity	mS/cm	1.413	1.413	+/- 0.5 % of standard	1.413	1.422	+/- 5% of standard
DO (saturated)	%	100	100.7	+/- 2% of standard			
DO (saturated)	mg/L [1 (see Chart 1)]	11.14	11.14	+/- 0.2 mg/L	8.34	7.98	+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C		11.17			22.11	
Baro. Press.	mmHg		717.1			716.6	

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRae
MODEL NO. 3000
UNIT ID NO. FA01720

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.8	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

		Units	Standard Value	Meter Value	Standard Value	Meter Value	
METER TYPE MiniRAE	Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
MODEL NO. 3000	Span Gas	ppmv	100	100	100	99.9	
UNIT ID NO. FA00141							

[X] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)	9GC307	3/21
pH (7)	9GB719	2/21
pH (10)		
ORP	3086	6/23
Conductivity	9GC666	3/20
<0.1 Turb. Stan.	A8232	11/19
20 Turb. Stan.	A8239	12/19
100 Turb. Stan.	A8236	11/19
800 Turb. Stan.	A8236	11/19
PID Span Gas	EBJ-248-100-14	08/19/2023
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 60, Rain
WEATHER CONDITIONS (PM): 68, Overcast

TASK NO: .03 DATE: 9/24/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Brian Havens
SAMPLER SIGNATURE:
CHECKED BY: DATE: 9/10/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0745 /End Time 0750

POST CALIBRATION CHECK Start Time 1600 /End Time 1630

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE
MODEL NO.
UNIT ID NO.

Background	ppmv	<0.1		<0.1		See Notes Below for Additional Information
Span Gas	ppmv	100		100		

[X] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 70, Overcast
WEATHER CONDITIONS (PM): 78, overcast

TASK NO: .03 DATE: 9/23/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MPL DATE: 9/30/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1600 /End Time 1630

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L [1 (see Chart 1)]			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.1	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 35, Sunny
WEATHER CONDITIONS (PM): 60, Sunny

TASK NO: .03 DATE: 9/20/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MAL DATE: 2/10/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1230 /End Time 1235

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L [1 (see Chart 1)]			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.1	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 28, Sunny
WEATHER CONDITIONS (PM): 60, Sunny

TASK NO: .03 DATE: 9/19/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MHL DATE: 9/10/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 0730 /End Time 0735

POST CALIBRATION CHECK Start Time 1730 /End Time 1735

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.6	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.2	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611191237
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 48, Sunny
WEATHER CONDITIONS (PM): 65, Sunny

TASK NO: .03 DATE: 9/27/19
MACTEC CREW: Nate Vogan/Brian Havens
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: MAL DATE: 9/30/19

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	AM CALIBRATION Standard Value (Start 0730 / End 0735)	Meter Value	*Acceptance Criteria (AM)	POST CALIBRATION CHECK Standard Value (Start 1030 / End 1035)	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L [1 (see Chart 1)]			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		<0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA01720

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. FA00141

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.1	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas	EBJ-248-100	08/19/2013
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611181219
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 35, Partly Cloudy
WEATHER CONDITIONS (PM): —

TASK NO: .05 DATE: ~~11/06/19~~ 11/5/19
MACTEC CREW: Nate Vogan / Kaitlyn Chick
SAMPLER NAME: Nate Vogan
SAMPLER SIGNATURE:
CHECKED BY: DP DATE: 2/14/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 7:45 AM /End Time 7:55 AM

POST CALIBRATION CHECK Start Time — /End Time —

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 17182

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	100	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 29806

Background	ppmv	<0.1	0.0	<0.1	0.1	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas		
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611181219
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 32, Partly Cloudy
WEATHER CONDITIONS (PM): 36, Partly Sunny

TASK NO: .05 DATE: 11/06/19
MACTEC CREW: Nate Vogen / Jamie Welch / Kaitlyn Chick
SAMPLER NAME: Kaitlyn Chick
SAMPLER SIGNATURE:
CHECKED BY: AR DATE: 2/14/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 7:20 AM /End Time 7:30 AM

POST CALIBRATION CHECK Start Time ___ /End Time ___

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 17182

Background	ppmv	<0.1	0.0	<0.1	0.1	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	101	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 29806

Background	ppmv	<0.1	0.0	20.1	0.1	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	102	

[X] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas		
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611181219
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 23, Flurries
WEATHER CONDITIONS (PM): 25, Cloudy

TASK NO: .05 DATE: 11/07/19
MACTEC CREW: Jamie Welch / Kaitlyn Chick
SAMPLER NAME: Kaitlyn Chick
SAMPLER SIGNATURE:
CHECKED BY: DR DATE: 2/14/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	AM CALIBRATION Start Time 7:35 AM /End Time 7:45 AM: Standard Value	Meter Value	*Acceptance Criteria (AM)	POST CALIBRATION CHECK Start Time 12:30 PM /End Time 12:35 PM: Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L[1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 17182

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	100.2	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 29806

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	99.8	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas		
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

FIELD INSTRUMENTATION CALIBRATION RECORD

PROJECT NAME: Saranac Lake OU01 PDI
PROJECT NUMBER: 3611181219
PROJECT LOCATION: Saranac Lake, NY
WEATHER CONDITIONS (AM): 19, Flurries
WEATHER CONDITIONS (PM): 27, Cloudy
TASK NO: .05 DATE: 11/08/19
MACTEC CREW: Jamie Welch / Kaitlyn Chick
SAMPLER NAME: Kaitlyn Chick
SAMPLER SIGNATURE:
CHECKED BY: JR DATE: 2/14/20

MULTI-PARAMETER WATER QUALITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

AM CALIBRATION Start Time 7:15 AM /End Time 7:25 AM

POST CALIBRATION CHECK Start Time 2:00 PM /End Time 2:10 PM

	Units	Standard Value	Meter Value	*Acceptance Criteria (AM)	Standard Value	Meter Value	*Acceptance Criteria (PM)
pH (4)	SU	4.0		+/- 0.1 pH Units			
pH (7)	SU	7.0		+/- 0.1 pH Units	7.0		+/- 0.3 pH Units
pH (10)	SU	10.0		+/- 0.1 pH Units			
Redox	+/- mV	240		+/- 10 mV	240		+/- 10 mV
Conductivity	mS/cm	1.413		+/- 0.5 % of standard	1.413		+/- 5% of standard
DO (saturated)	%	100		+/- 2% of standard			
DO (saturated)	mg/L [1] (see Chart 1)			+/- 0.2 mg/L			+/- 0.5 mg/L of standard
DO (<0.1)	mg/L	<0.1		< 0.5 mg/L			
Temperature	°C						
Baro. Press.	mmHg						

TURBIDITY METER

METER TYPE
MODEL NO.
UNIT ID NO.

	Units	Standard Value	Meter Value	Standard Value	Meter Value	*Acceptance Criteria (PM)
<0.1 Standard	NTU	<0.1		<0.1		+/- 0.3 NTU of stan.
20 Standard	NTU	20		20		+/- 5% of standard
100 Standard	NTU	100		100		+/- 5% of standard
800 Standard	NTU	800		800		+/- 5% of standard

PHOTOIONIZATION DETECTOR

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 17182

Background	ppmv	<0.1	0.0	<0.1	0.0	within 5 ppmv of BG
Span Gas	ppmv	100	100	100	99.9	+/- 10% of standard

O_2-LEL 4 GAS METER

METER TYPE
MODEL NO.
UNIT ID NO.

Methane	%	50		50		+/- 10% of standard
O_2	%	20.9		20.9		+/- 10% of standard
H_2S	ppmv	25		25		+/- 10% of standard
CO	ppmv	50		50		+/- 10% of standard

OTHER METER

METER TYPE MiniRAE
MODEL NO. 3000
UNIT ID NO. 29806

Background	ppmv	<0.1	0.0	<0.1	0.0	See Notes Below for Additional Information
Span Gas	ppmv	100	100	100	100.1	

[x] Equipment calibrated within the Acceptance Criteria specified for each of the parameters listed above.
[ ] Equipment (not) calibrated within the Acceptance Criteria specified for each of the parameters listed above**.

MATERIALS RECORD

Deionized Water Source: Portland FOS
Lot#/Date Produced:
Trip Blank Source:
Sample Preservatives Source:
Disposable Filter Type: 0.45µm cellulose
Calibration Fluids / Standard Source:
- DO Calibration Fluid (<0.1 mg/L) Portland FOS
- Other
- Other
- Other

	Cal. Standard Lot Number	Exp. Date
pH (4)		
pH (7)		
pH (10)		
ORP		
Conductivity		
<0.1 Turb. Stan.		
20 Turb. Stan.		
100 Turb. Stan.		
800 Turb. Stan.		
PID Span Gas		
O_2-LEL Span Gas		
Other		

NOTES:

* = Unless otherwise noted, calibration procedures and acceptance criteria are in general accordance with USEPA Region 1 SOPs for Field Instrument Calibration (EQASOP-FieldCalibrat) and Low Stress Purging and Sampling (EQASOP-GW001), each dated 1/19/2010. Additonal acceptance criteria obtained from instrument specific manufacturer recommendations.
** = If meter reading is not within acceptance criteria, clean/replace probe and re-calibrate, or use calibrated back-up meter if available. If project requirements necessitate use of the instrument, clearly document any deviations from acceptance criteria on all data sheets and log book entries.
1 = DO Saturated standard value is calculated based on Oxygen Solubility at Indicated Pressure Chart from the USEPA Region 1 SOP for Field Instrument Calibration (EQASOP-FieldCalibrat), dated 1/19/2010.

MACTEC
511 Congress Street, Portland Maine 04101

FIGURE 6.1
FIELD INSTRUMENT CALIBRATION RECORD
NYSDEC QUALITY ASSURANCE PROJECT PLAN

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	11/17/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-301
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER No protective casing

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Riser approximately at ground surface.

INITIAL WELL DEPTH (BMP)	12 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	2 to 12 FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 12 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	1
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	2 feet
Casing type/diameter	1 inch Sch 40 PVC

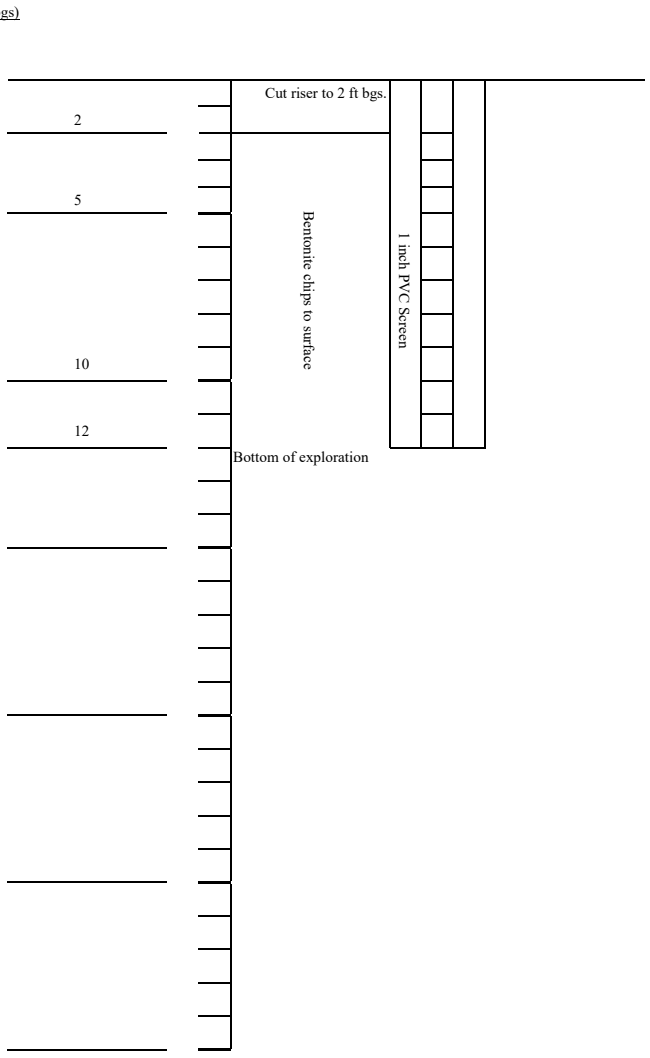
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser two feet below ground and back filled with bentonite chips to ground surface.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	11/9/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-302
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

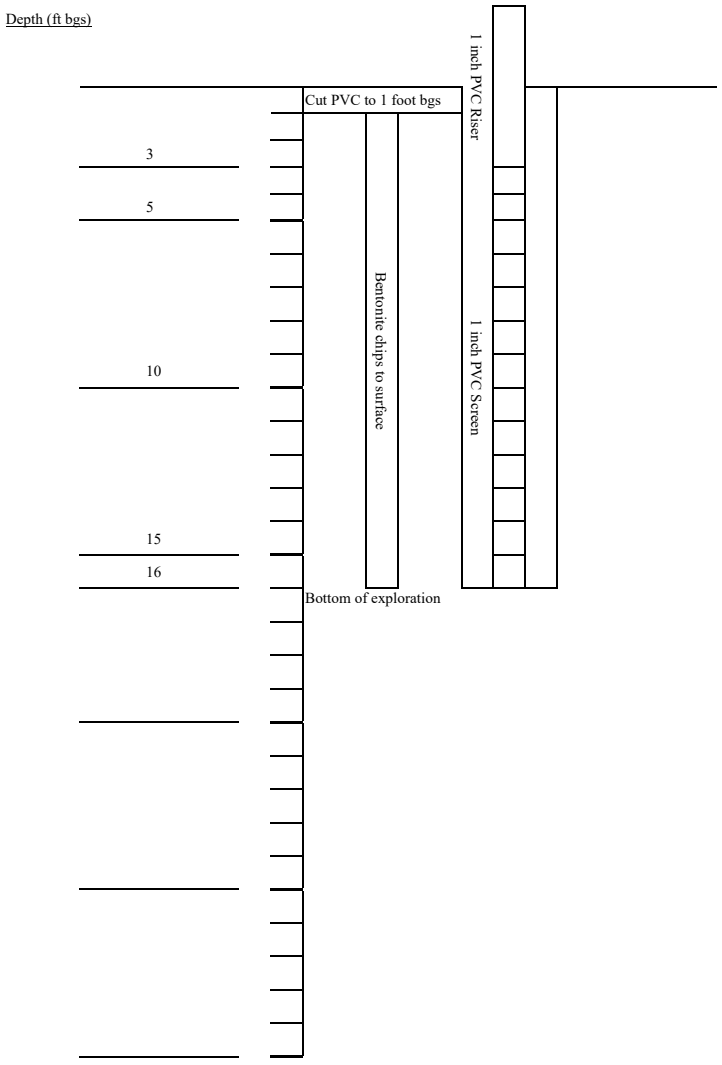
WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Riser stickup approximately 3.9 feet AGS.

INITIAL WELL DEPTH (BMP)	16 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	3 to 16 FT

Well Diagram



Add all relevant data to diagram.

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 16 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	NA
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	5 feet riser
Casing type/diameter	Sch 40 PVC, 1" ID

Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

NOTES

Cut casing at approximately 1 foot bgs and backfilled to ground surface with bentonite chips.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	11/9/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-303
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

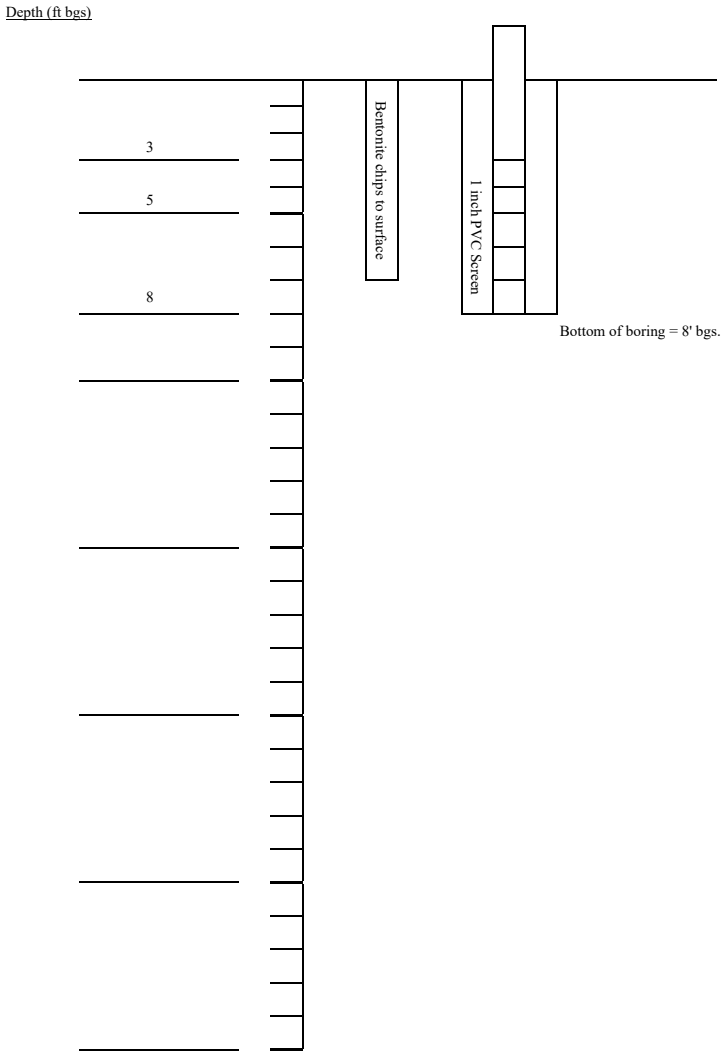
WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Riser stickup approximately 1.9 feet AGS.

INITIAL WELL DEPTH (BMP)	8 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	5 FT	**SCREENED INTERVAL (BMP)**	3 to 8 FT

Well Diagram



Add all relevant data to diagram.

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 7 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	NA
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	Pulled by hand
Casing retrieved (ft)	5 feet riser and 5 feet screen
Casing type/diameter	Sch 40 PVC/ 1" ID

Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

NOTES

Pulled riser and screen by hand and backfilled with bentonite chips to ground surface.

Bore hole caved to estimated 7 feet bgs.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: ###

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	11/9/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-304
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Stickup on PVC riser approximately 2.9 feet AGS

INITIAL WELL DEPTH (BMP)	11 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	1 to 11 FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 11 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	NA
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	4 feet
Casing type/diameter	Sch 40 PVC/ 1" ID

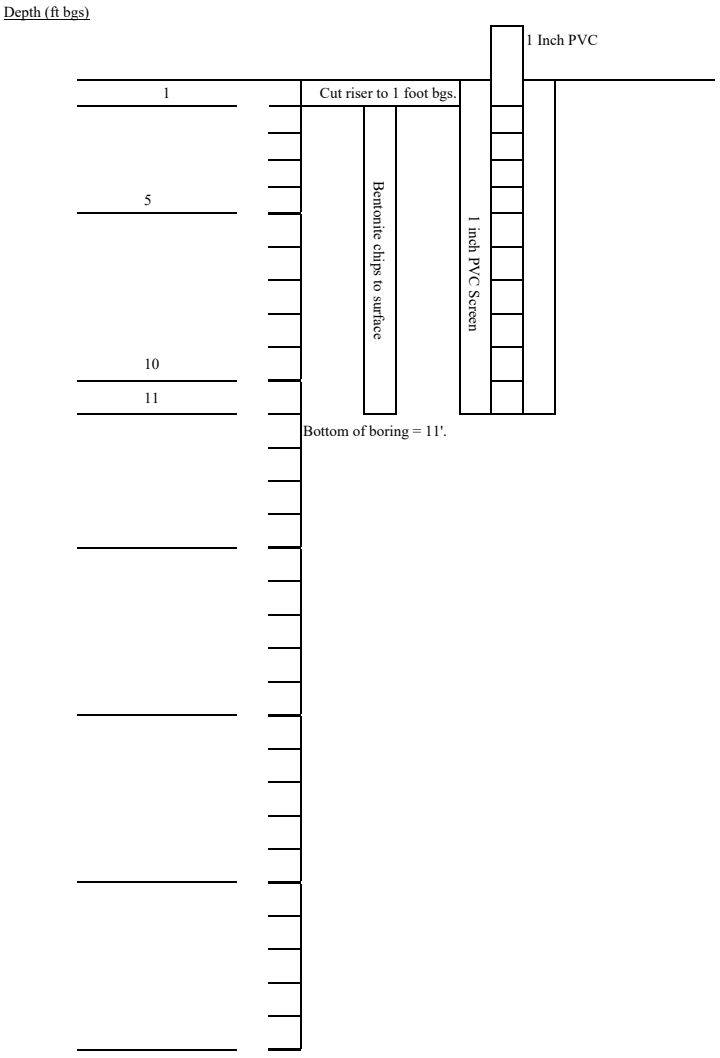
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	1/10/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-328
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER PVC Riser to 0.1 foot above grade

INITIAL WELL DEPTH (BMP)	17 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	3 to 8 FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 8 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	NA
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	1 foot
Casing type/diameter	Sch 40 PVC/ 1" ID

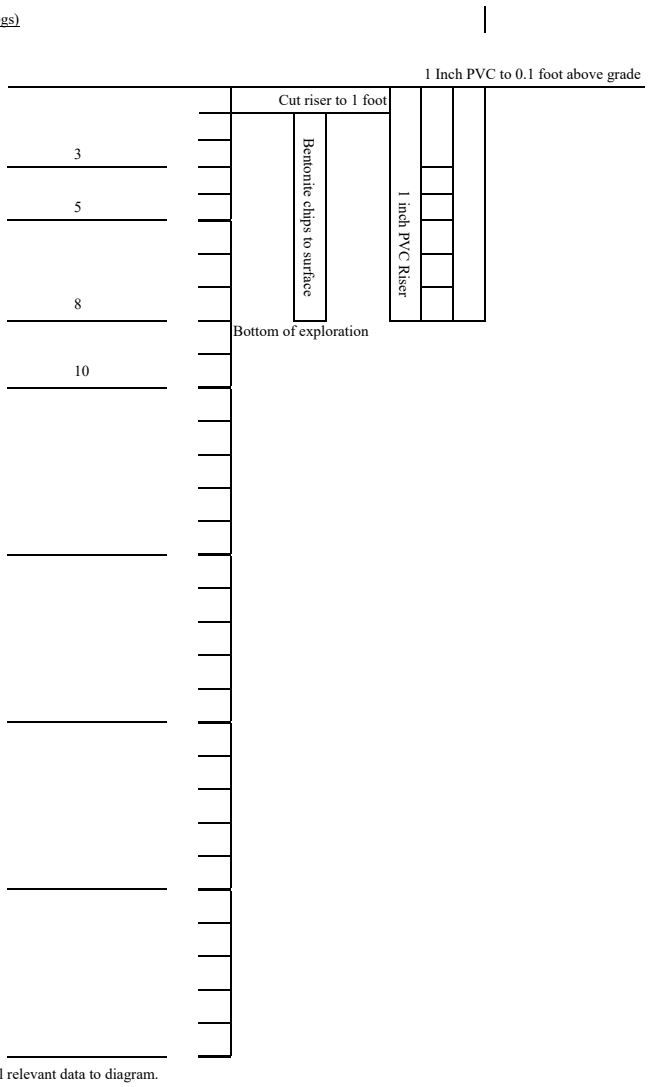
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	Unknown
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-333
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Riser Stickup unknown

INITIAL WELL DEPTH (BMP)	22.7 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	Unknown FT	**SCREENED INTERVAL (BMP)**	Unknown FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to bottom of piez
Type of Grout	Bentonite chips
Quantity Used (Gal)	1
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	Unknown
Casing type/diameter	Sch 40 PVC/ 1" ID

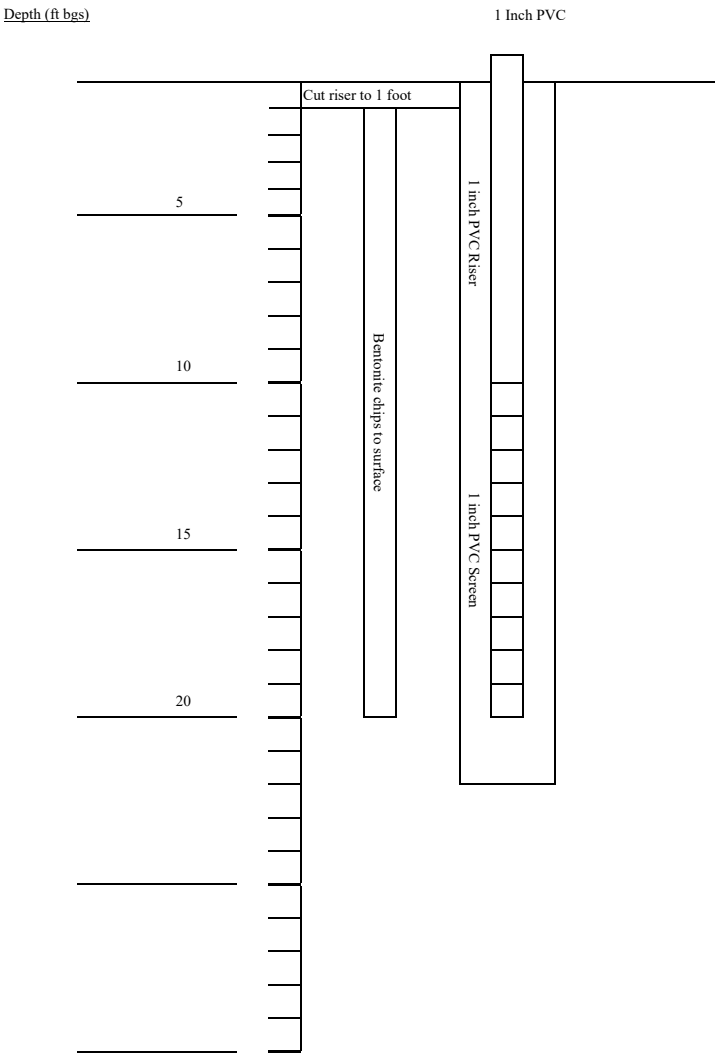
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

There is no installation information avaible for this location.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC

511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	Unknown
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-335
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Stickup on riser unknown

INITIAL WELL DEPTH (BMP)	26 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	16 to 26 FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 26 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	NA
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	Uknown
Casing type/diameter	Sch 40 PVC/ 1" ID

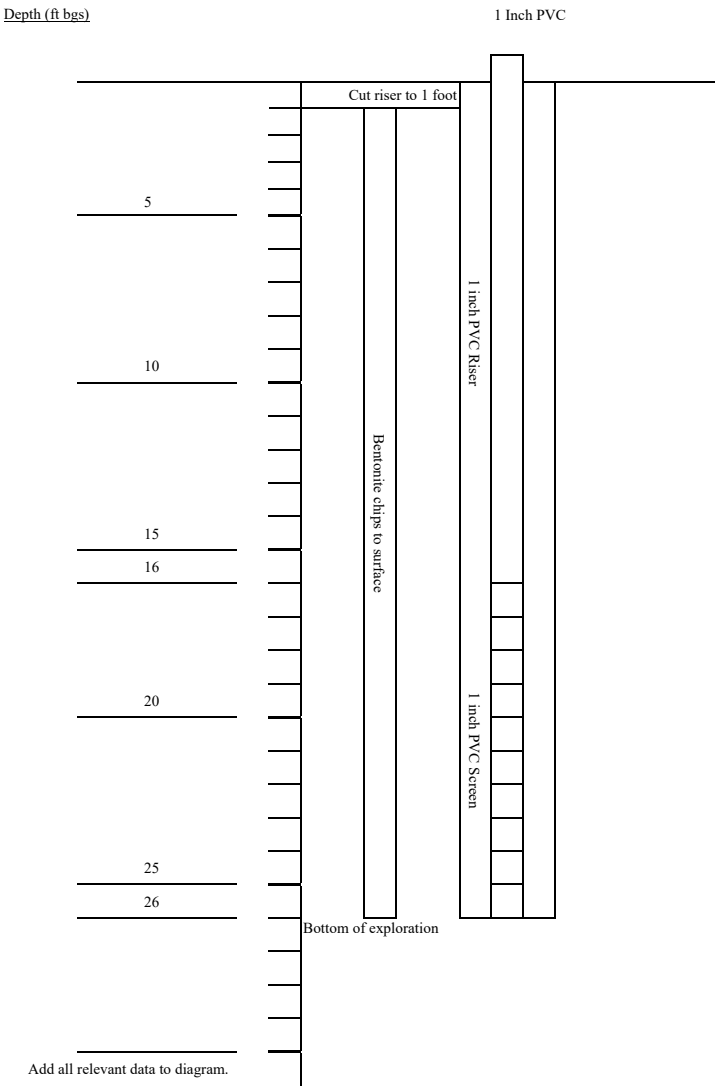
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

Very little data available regarding well construction.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	1/17/2016
WELL DECOMMISSIONING DATE	11/8/2019

LOCATION ID	PZ-337
PAGE	1 OF 1
Driller	Chris Stone
DATE	11/8/2019
Drilling Company	NYEG Drilling Inc.
Inspector	Jamie Welch

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [ ] OTHER

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER Stickup on PVC riser unknown

INITIAL WELL DEPTH (BMP)	17 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	NM FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	7 - 17 FT

Decommissioning Data

Grouting

- Interval Grouted (ft): Ground surface to 17 feet
- Type of Grout: Bentonite chips
- Quantity Used (Gal): 1
- Type of cement: NA
- Amount of cement (bags): NA
- Type of Bentonite: Chips
- Amount of Bentonite used (bags): 1

Casing Pulling

- Method used: NA
- Casing retrieved (ft): Uknown
- Casing type/diameter: Sch 40 PVC/ 1" ID

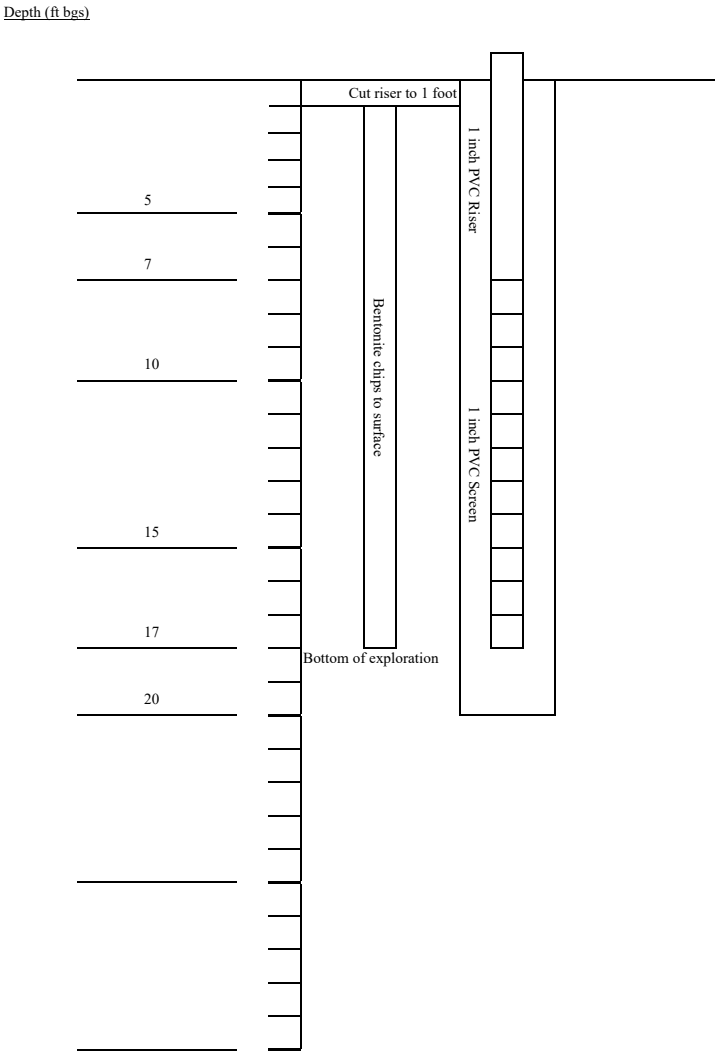
Over drilling

- Interval Drilled: NA
- Drilling Method: NA
- Borehole Diameter: NA

Casing Perforation

- Equipment used: NA
- Number of perforations/foot: NA
- Size of perforations: NA
- Interval perforated: NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

Very little well installation information available.

LOCATION SKETCH

Well Decommision Signature: Jamie Welsh Print Name: Jamie Welsh

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

WELL DECOMMISSIONING RECORD

MACTEC
511 Congress Street, Portland Maine 04101

PROJECT NAME	Saranac Lake OU1 PDI
PROJECT NUMBER	361119237
WELL INSTALLATION DATE	9/24/2019
WELL DECOMMISSIONING DATE	9/28/2019

LOCATION ID	TW-701
PAGE	1 OF 1
Driller	Aztech Driller
DATE	9/28/2019
Drilling Company	Aztech Drilling
Inspector	Nate Vogan

WELL DIAMETER (INCHES) [X] 1-IN. [ ] 2-IN. [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] OTHER

CASING DIAMETER (INCHES) [ ] 4-IN. [ ] 6-IN. [ ] 8-IN. [ ] 10-IN. [ ] 12-IN. [X] OTHER No protective casing

MEASUREMENT POINT (MP) [X] TOP OF RISER (TOR) [ ] TOP OF CASING (TOC) [ ] OTHER

INITIAL WELL DEPTH (BMP)	20 FT	**PROT. CASING STICKUP (AGS)**	NA FT
INITIAL DTW (BMP)	12.91 FT	**TOC/TOR DIFFERENCE**	NA FT
SCREEN LENGTH	10 FT	**SCREENED INTERVAL (BMP)**	10 to 20 FT

Decommissioning Data

Grouting

Interval Grouted (ft)	Ground surface to 20 feet
Type of Grout	Bentonite chips
Quantity Used (Gal)	1
Type of cement	NA
Amount of cement (bags)	NA
Type of Bentonite	Chips
Amount of Bentonite used (bags)	1

Casing Pulling

Method used	NA
Casing retrieved (ft)	1 foot
Casing type/diameter	1" ID Sch 40 PVC

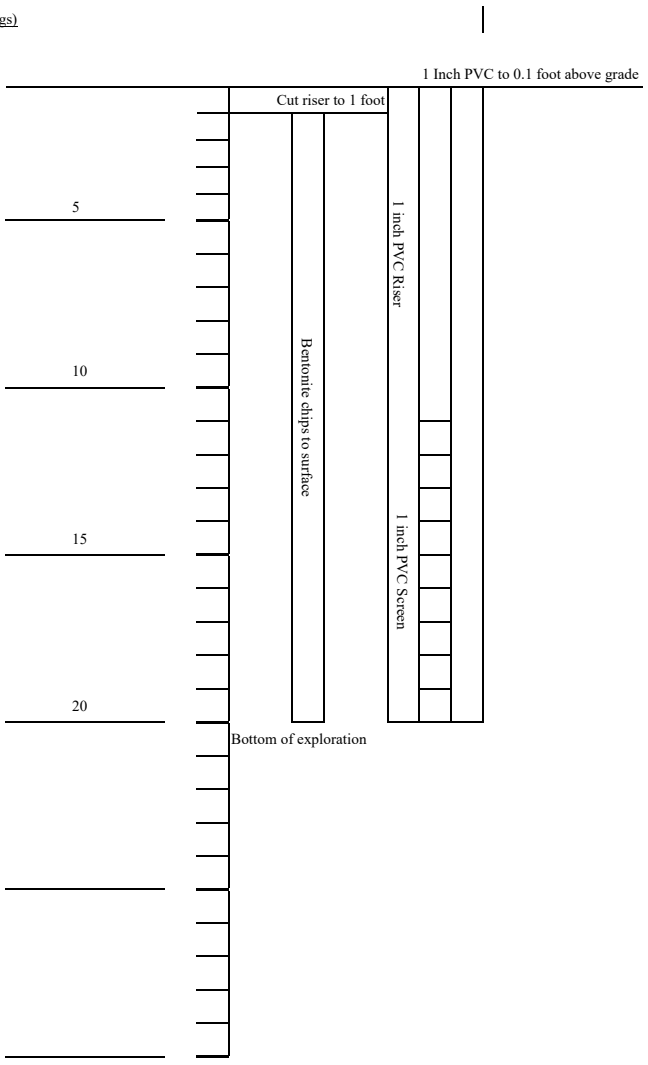
Over drilling

Interval Drilled	NA
Drilling Method	NA
Borehole Diameter	NA

Casing Perforation

Equipment used	NA
Number of perforations/foot	NA
Size of perforations	NA
Interval perforated	NA

Well Diagram



Add all relevant data to diagram.

NOTES

Cut 1 inch riser one foot below and back filled with bentonite chips to ground surface.

LOCATION SKETCH

Well Decommision Signature: Nate Vogan Print Name: Nate Vogan

Checked By: J. Rawcliffe Date: 2/19/2020

WELL DECOMMISSIONING RECORD

MACTEC

SLUG TEST DATA FORM

Project Name:	Saranac Lake OU01 PDI	**Project Number:**	3611191237
Location ID:	TW-701	**Well Diameter (in):**	1.0"
Date:	~~9/26/19~~ 9/27/19	**Boring Diameter (in):**	2.5"
Measuring Point:	Top of Riser	**Slug Volume (gal.):**	0.04
Initial DTW (ft bmp):	12.89	**Estimated Water Column Displacement (ft):**	0.9
Well Depth (ft bmp):	19.48		
Technician(s):	~~Amberle Stark~~ Nate Vagen		

Data Logger File ID	Test Method	Start Time	Start Depth (ft)	~~Start~~ End Time	End Depth (ft)	Comments
TW-701 Falling	Falling	0830	12.89	0833	12.89	Metal Slug
TW-701 Rising	Rising	0835	12.89	0837	12.89	Metal Slug
TW-701 Falling 2	Falling	0840	12.89	0842	12.89	Metal Slug
TW-701 Rising 2	Rising	0844	12.89	0849	12.89	Metal Slug
TW-701 Rising 3	Rising	0854	12.89	0855	12.89	Geopump evacuation
TW-701 Rising 4	Rising	0858	12.89	0901	12.89	Geopump evacuation

Instruments (Manufacturer, Model, and Serial No.):

Level Troll 700 #330254

Trimble Yuma Pocket PC

Calculations:

Estimated water column displacement: H = V / [(D^2)*0.041] = 0.00

V = Slug Volume (gal)
D = well diameter (in)
H = Water column displacement (ft)

Additional Notes:

Signature:

Name (print): Nate Vagen

QA/QC'd by: Michael H. Lanphear **QA/QC Date:** 11/01/2020

MACTEC

SLUG TEST DATA FORM

Project Name:	Saranac Lake OU01 PDI	**Project Number:**	3611191237
Location ID:	MW-108	**Well Diameter (in):**	1.0"
Date:	9/27/19	**Boring Diameter (in):**	2.5"
Measuring Point:	Top of Riser	**Slug Volume (gal.):**	0.04
Initial DTW (ft bmp):	14.10	**Estimated Water Column Displacement (ft):**	0.9
Well Depth (ft bmp):	21.96		
Technician(s):	Nate Vogen		

Data Logger File ID	Test Method	Start Time	Start Depth (ft)	Start Time	End Depth (ft)	Comments
MW-108 Falling	Falling	0915	14.10	0916	14.10	Metal Slug
MW-108 Rising	Rising	0918	14.10	0920	14.10	"
MW-108 Falling 2	Falling	0923	14.10	0924	14.10	"
MW-108 Rising 2	Rising	0926	14.10	0928	14.10	"
MW-108 Rising 3	Rising	0935	14.10	0937	14.10	Geopump evacuation
MW-108 Rising 4	Rising	0939	14.10	0942	14.10	"

Instruments (Manufacturer, Model, and Serial No.):

Level Troll 700 # 330254

Trimble Yuma Pocket PC

Calculations:

Estimated water column displacement: H = V / [(D^2)*0.041] = 0.00

V = Slug Volume (gal)
D = well diameter (in)
H = Water column displacement (ft)

Additional Notes:

Signature:

Name (print): Nate Vogen

QA/QC'd by: Michael H. Loughby **QA/QC Date:** 2/10/2020

APPENDIX C
PHOTOGRAPHIC LOG

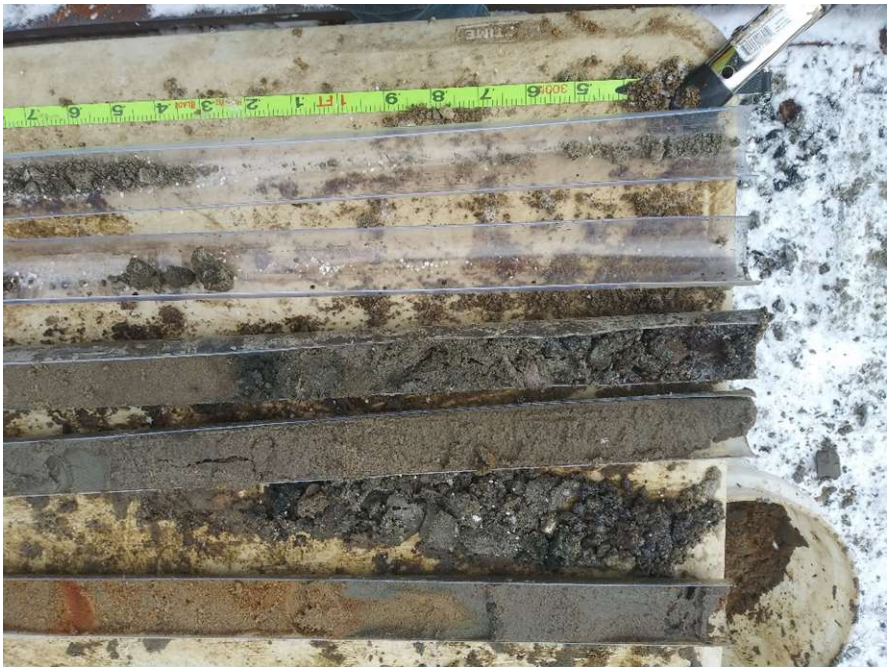
Appendix C – Site Activities Photographic Log

Client:	NYSDEC	***Project Number:***	3611191237
Site Name:	Saranac Lake Gas Company	***Site Location:***	Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** November 4, 2019 ***Photograph:*** 1 ***Direction:*** Northwest ***Description:*** Direct push set up on location DP-801.	
Photographer: Nate Vogan ***Date:*** November 4, 2019 ***Photograph:*** 2 ***Direction:*** NA ***Description:*** Soils from direct push sampling at DP-801 showing sheens and contaminated layers (middle core).	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** November 6, 2019 ***Photograph:*** 3 ***Direction:*** Northwest ***Description:*** Direct push rig set up on location DP-817.	
Photographer: Kaitlyn Chick ***Date:*** November 4, 2019 ***Photograph:*** 4 ***Direction:*** NA ***Description:*** Soils from direct push sampling at DP-833. Coated material from 10-10.5 ft bgs (middle sleeve to right).	

Appendix C – Site Activities Photographic Log

Client:	NYSDEC	***Project Number:***	3611191237
Site Name:	Saranac Lake Gas Company	***Site Location:***	Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 18, 2019 ***Photograph:*** 5 ***Direction:*** North ***Description:*** Direct push truck mount rig set up on location DP-C5D.	
Photographer: Brian Havens ***Date:*** September 18, 2019 ***Photograph:*** 6 ***Direction:*** NA ***Description:*** Soils from direct push sampling at DP-F5B showing blebs, sheens, and staining.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 26, 2019 ***Photograph:*** 7 ***Direction:*** Northwest ***Description:*** Direct push rig set up on location DP-H10C.	
Photographer: Nate Vogan ***Date:*** September 19, 2019 ***Photograph:*** 8 ***Direction:*** NA ***Description:*** NAPL in soils at E7D.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 9 ***Direction:*** Northwest ***Description:*** Mini Excavator set up on location TP-E6D.	
Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 10 ***Direction:*** NA ***Description:*** Waste material in test pit TP-E6D.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York
Photographer: Nate Vogan ***Date:*** September 30, 2019 ***Photograph:*** 11 ***Direction:*** Northwest ***Description:*** Excavated material with woody debris from near formerly identified purifier box waste area.	
Photographer: Brian Havens ***Date:*** September 19, 2019 ***Photograph:*** 12 ***Direction:*** NA ***Description:*** Excavating to investigate concrete tank stands.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 13 ***Direction:*** Northwest ***Description:*** Exposed buried pipe near concrete tank stand. Pipe does not connect to tank stand.	
Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 14 ***Direction:*** North ***Description:*** Waste in debris pile area south of the Site fence.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 15 ***Direction:*** Northwest ***Description:*** Metal and concrete in debris pile area.	
Photographer: Nate Vogan ***Date:*** September 17, 2019 ***Photograph:*** 16 ***Direction:*** NA ***Description:*** 5 gallon metal container in debris pile area.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 25, 2019 ***Photograph:*** 17 ***Direction:*** NA ***Description:*** Push point pore water sample at location PP-702.	
Photographer: Nate Vogan ***Date:*** September 25, 2019 ***Photograph:*** 18 ***Direction:*** NA ***Description:*** Push point pore water sampling set up at PP-704.	

Appendix C – Site Activities Photographic Log

Client: NYSDEC	***Project Number:*** 3611191237
Site Name: Saranac Lake Gas Company	***Site Location:*** Saranac Lake, New York

Photographer:
Brian Havens

Date:
September 30, 2019

Photograph: 19

Direction:
NA

Description:
Micro-well installation at location TW-702.

Photographer:
Nate Vogan

Date:
September 18, 2019

Photograph: 20

Direction:
NA

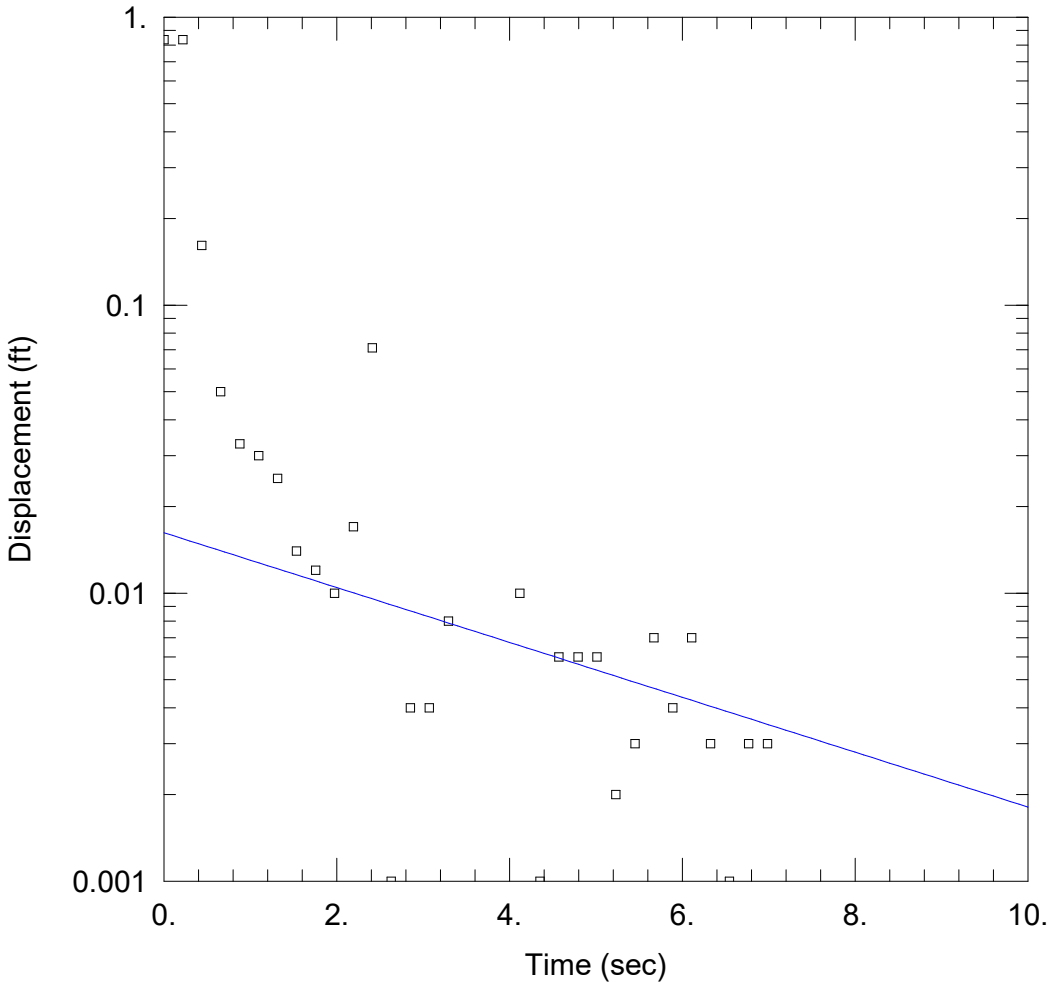
Description:
RCM observation wells northwest of MGP site at Brandy Brook.

Appendix C – Site Activities Photographic Log

Client:	NYSDEC	***Project Number:***	3611191237
Site Name:	Saranac Lake Gas Company	***Site Location:***	Saranac Lake, New York

Photographer: Nate Vogan ***Date:*** September 16, 2019 ***Photograph:*** 21 ***Direction:*** NA ***Description:*** Discontinuous blue-green granular material (purifier wastes) observed at TP-D3C.	
Photographer: Brian Havens ***Date:*** September 18, 2019 ***Photograph:*** 22 ***Direction:*** NA ***Description:*** Discontinuous purifier material in sidewall of TP-B3D.	

APPENDIX D
HYDRAULIC CONDUCTIVITY TESTING PLOTS



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_1_Bouwer.aqt
Date: 02/20/20 Time: 15:38:09

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

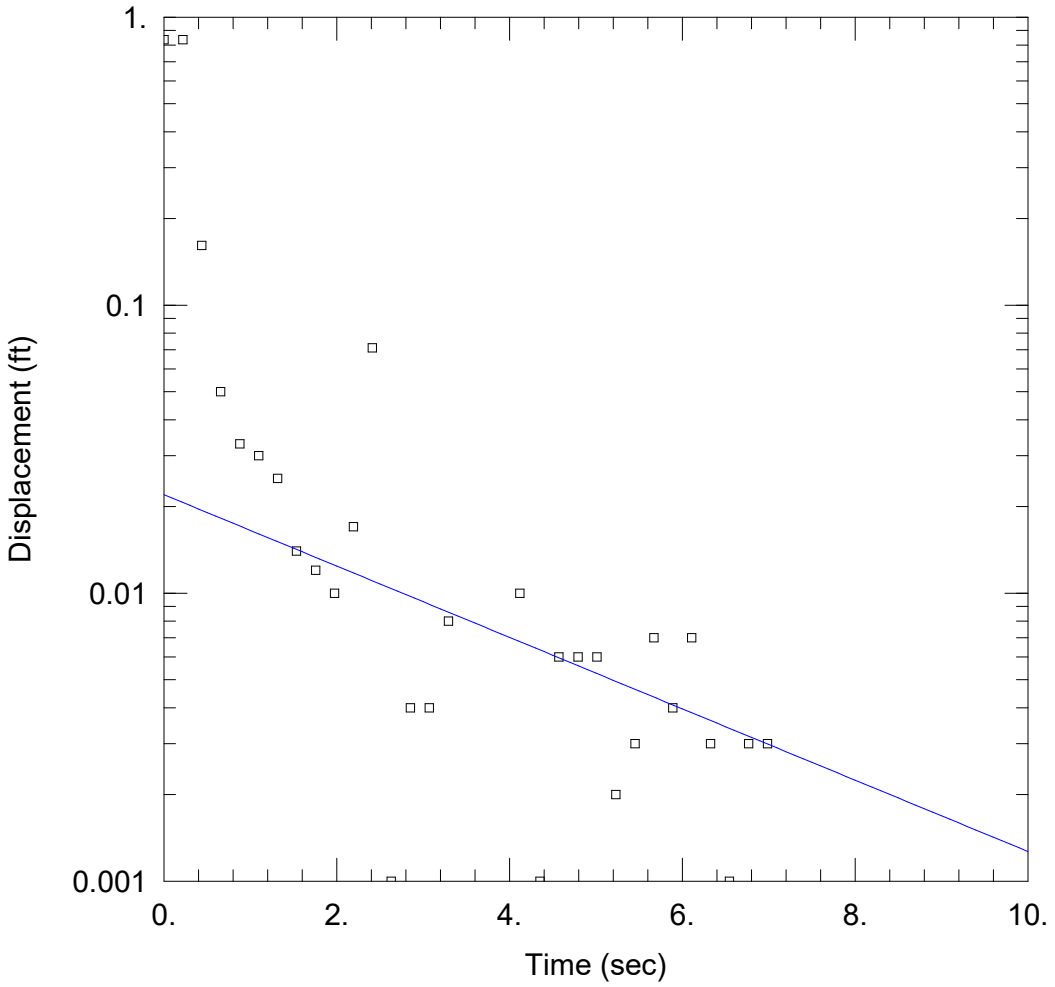
WELL DATA (MW-108 Rising 1)

Initial Displacement: 0.836 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.005896 cm/sec y0 = 0.0162 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_1_hvorslev.aqt
Date: 02/20/20 Time: 15:38:35

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

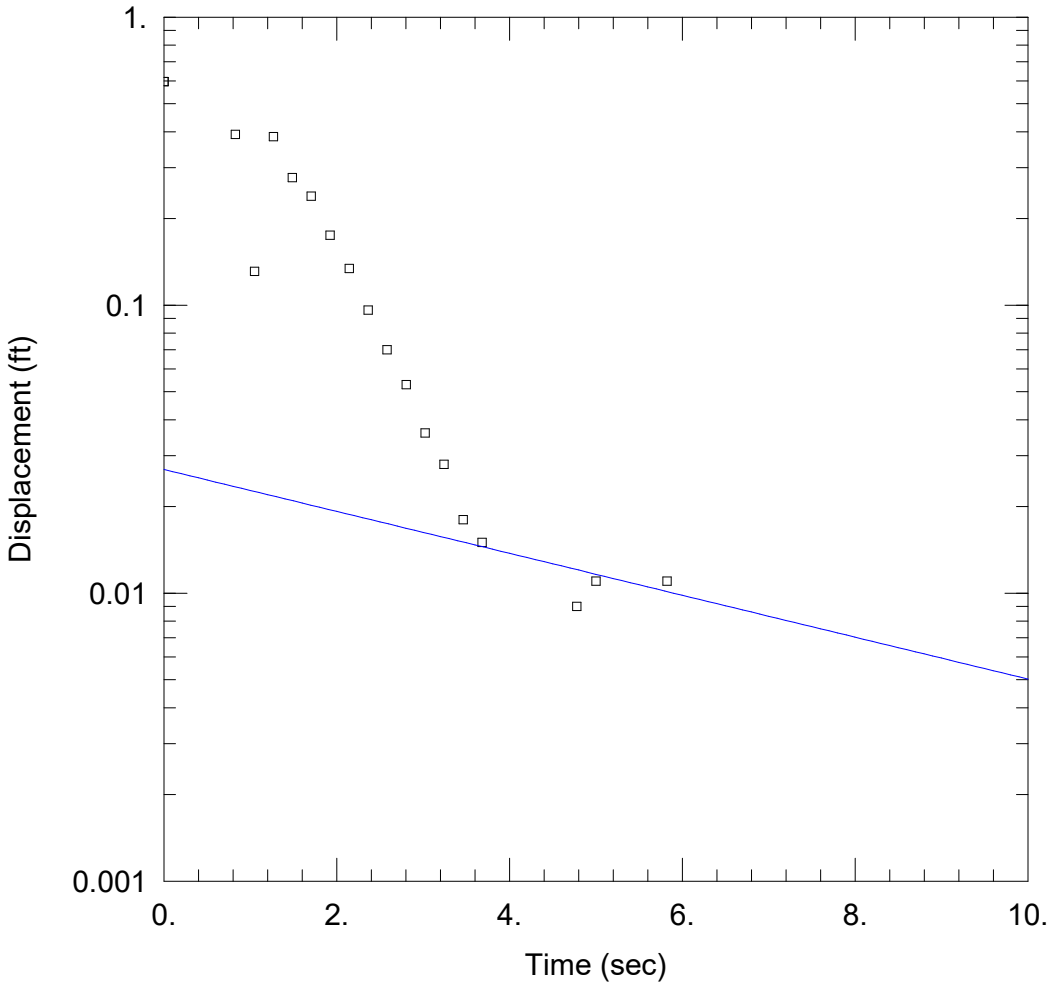
WELL DATA (MW-108 Rising 1)

Initial Displacement: 0.836 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.003092 cm/sec y0 = 0.02196 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_2_Bouwer.aqt
Date: 02/20/20 Time: 15:39:00

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

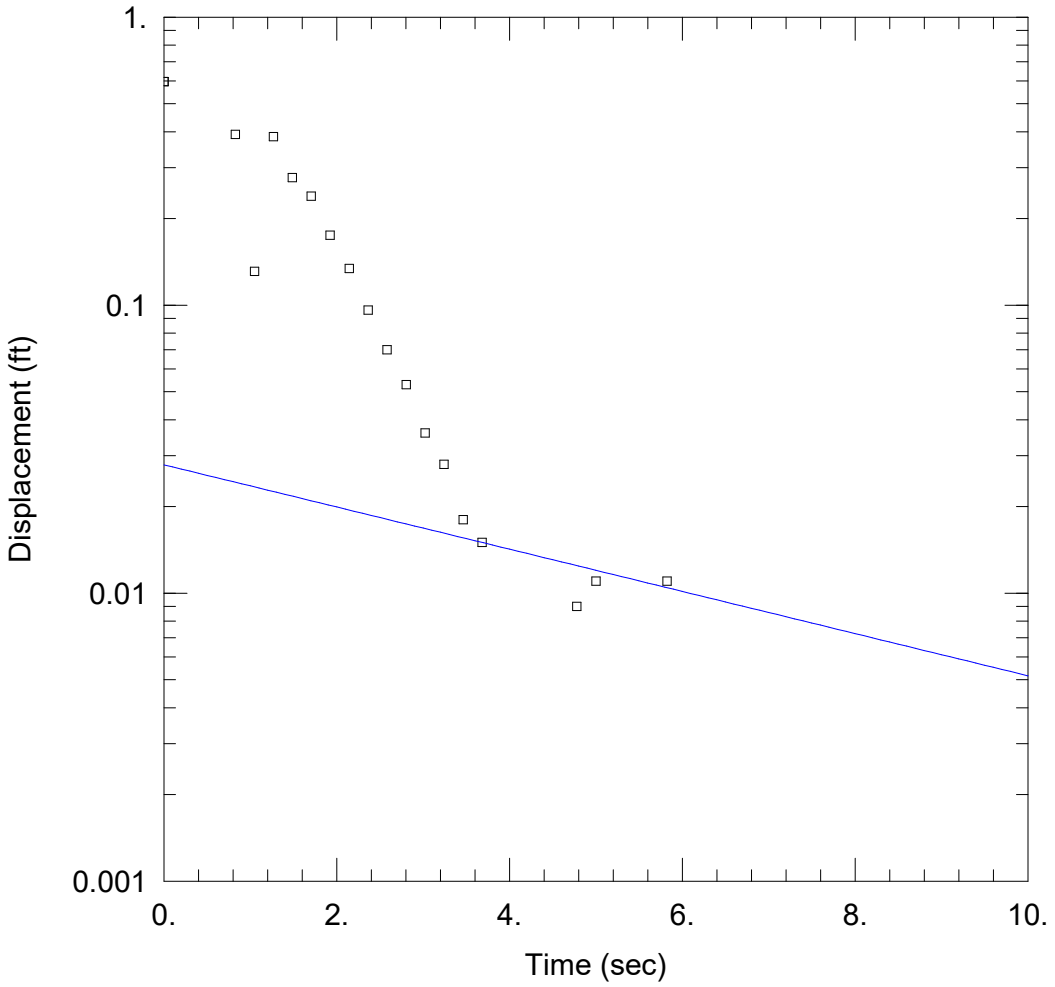
WELL DATA (MW-108 Rising 2)

Initial Displacement: 0.597 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.004505 cm/sec y0 = 0.02686 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_2_Hvorslev.aqt
Date: 02/20/20 Time: 15:39:27

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

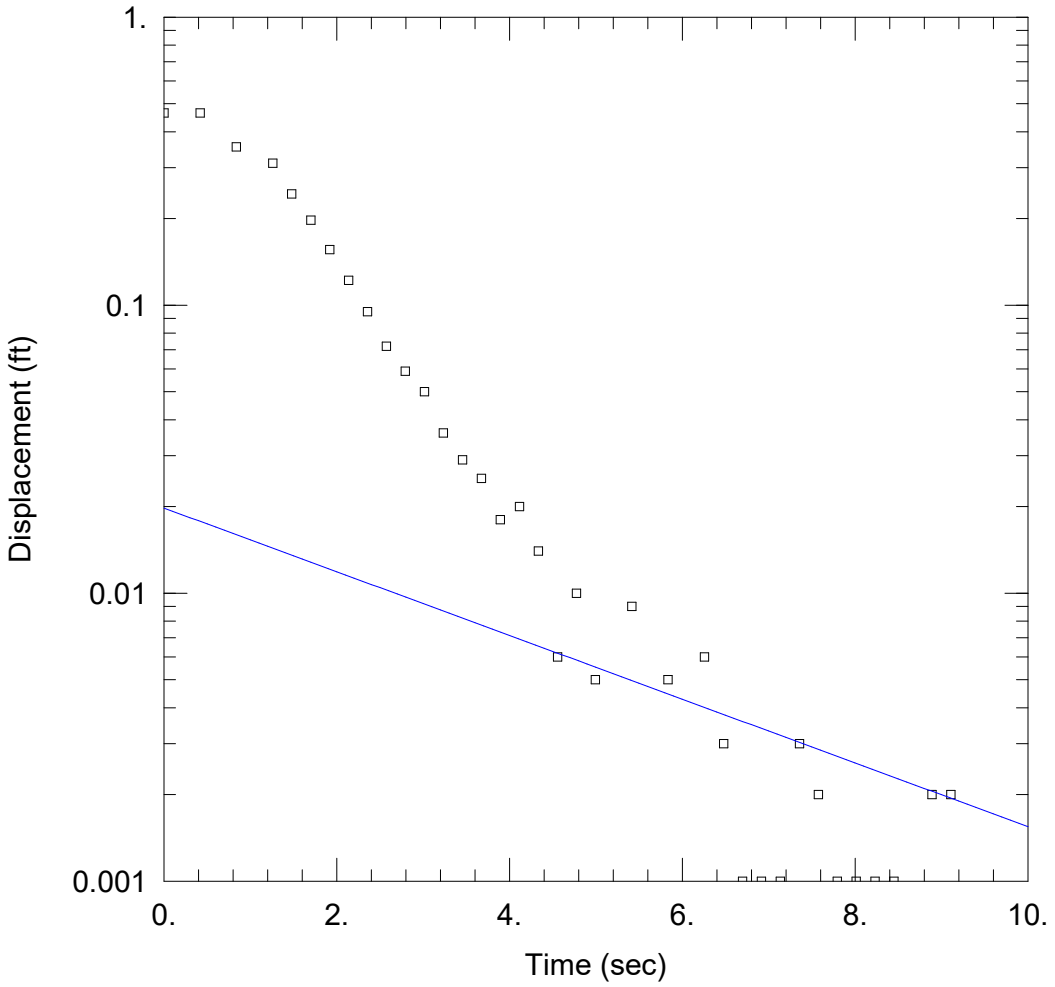
Saturated Thickness: 59. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-108 Rising 2)

Initial Displacement: 0.597 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.00256 cm/sec
y0 = 0.02789 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_3_Bouwer.aqt
Date: 02/20/20 Time: 15:39:54

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

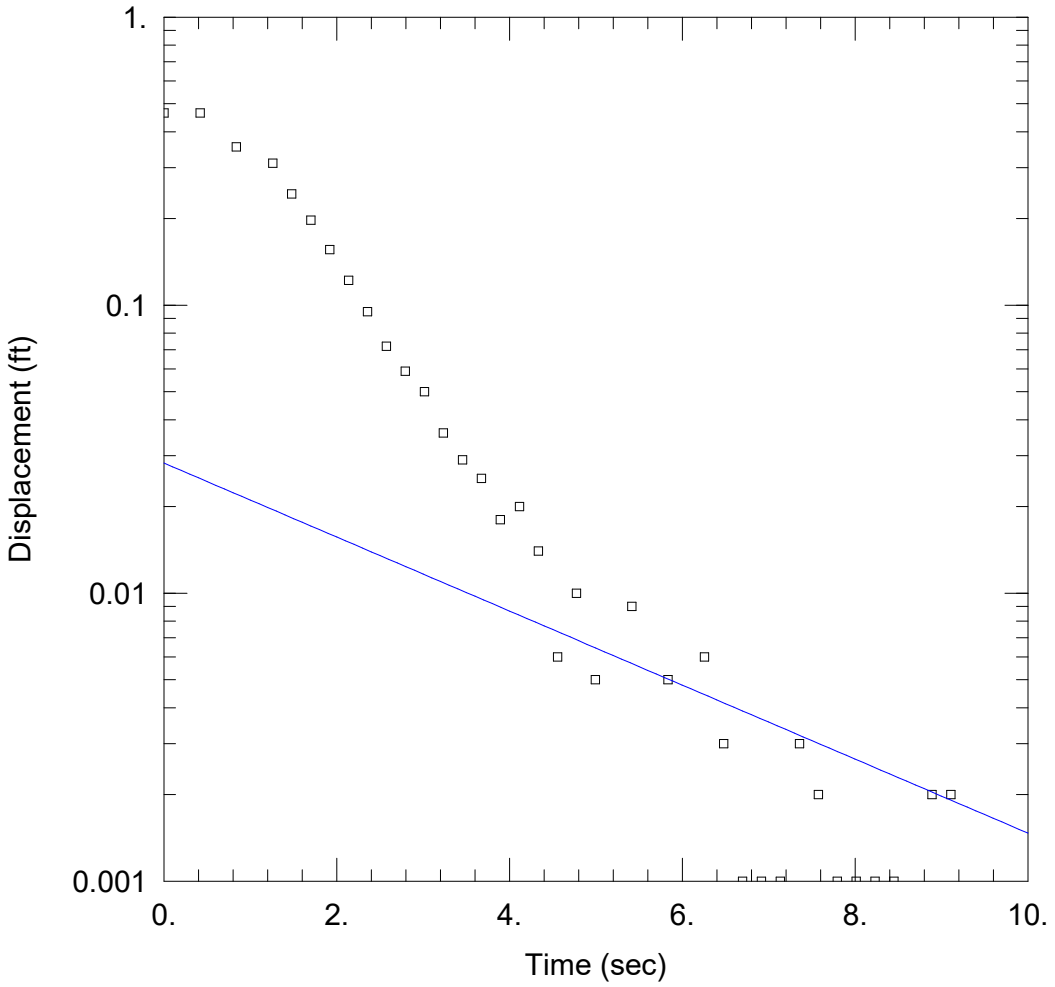
Saturated Thickness: 59. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-108 Rising 3)

Initial Displacement: 0.465 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.006848 cm/sec
y0 = 0.01974 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_3_Hvorslev.aqt
Date: 02/20/20 Time: 15:40:25

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

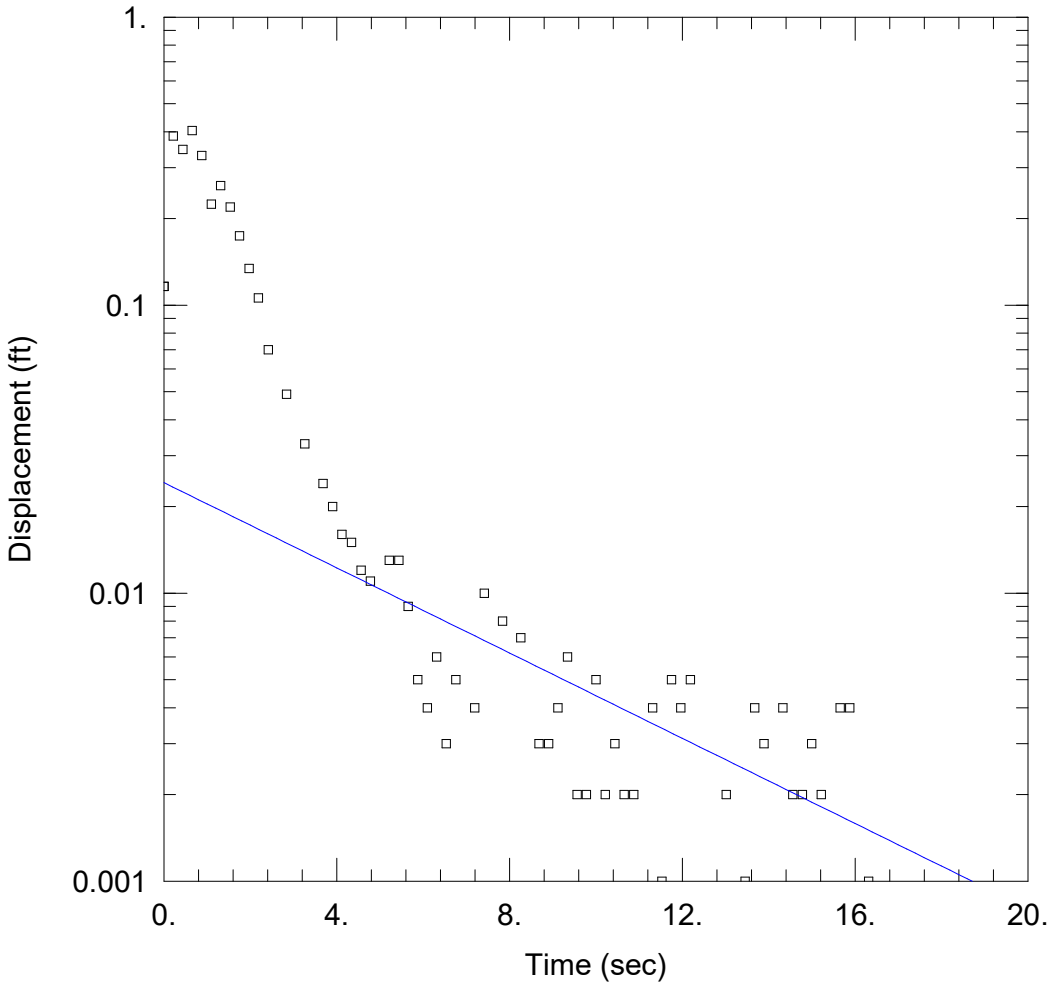
WELL DATA (MW-108 Rising 3)

Initial Displacement: 0.465 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.003821 cm/sec y0 = 0.02828 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_4_Bouwer.aqt
Date: 02/20/20 Time: 15:40:53

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

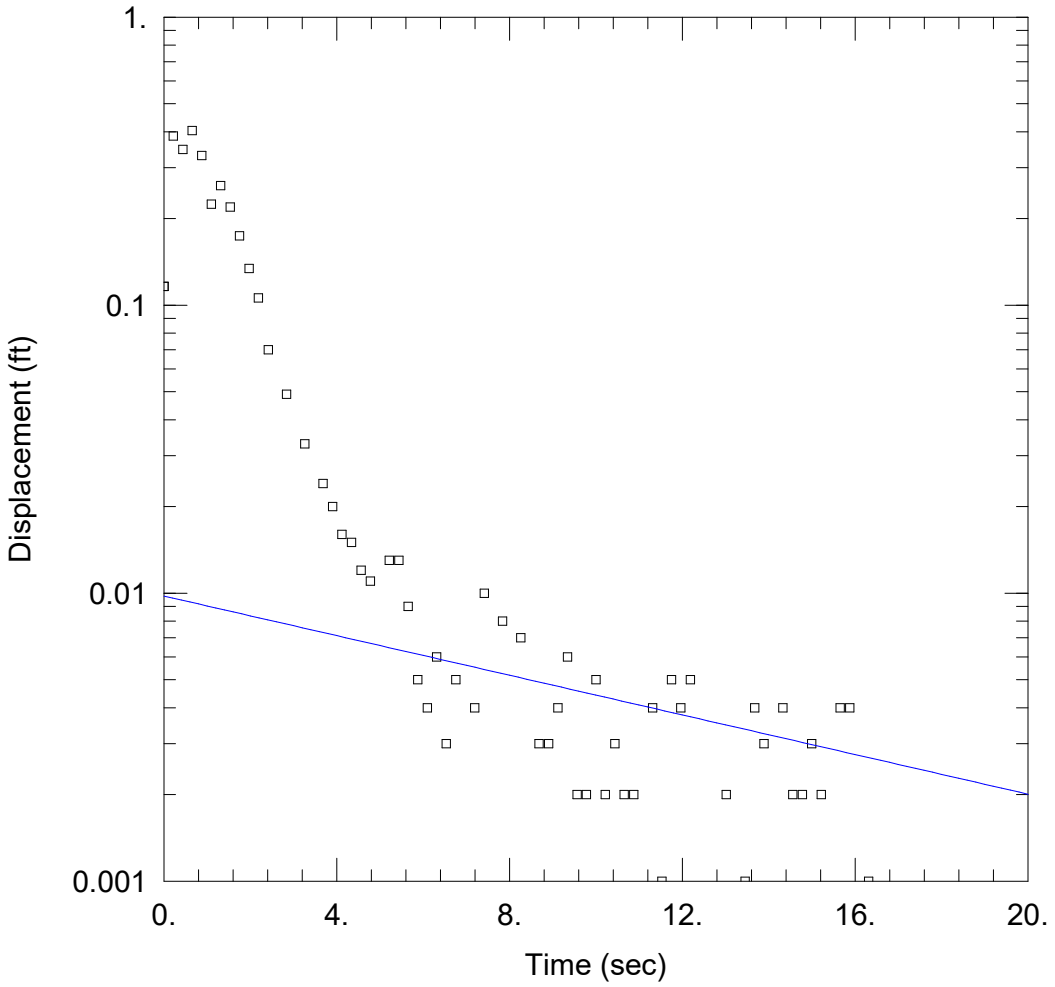
WELL DATA (MW-108 Rising 4)

Initial Displacement: 0.116 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.004579 cm/sec y0 = 0.02418 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\MW-108 Rising_4_Hvorselv.aqt
Date: 02/20/20 Time: 15:41:20

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: MW-108
Test Date: 9/27/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

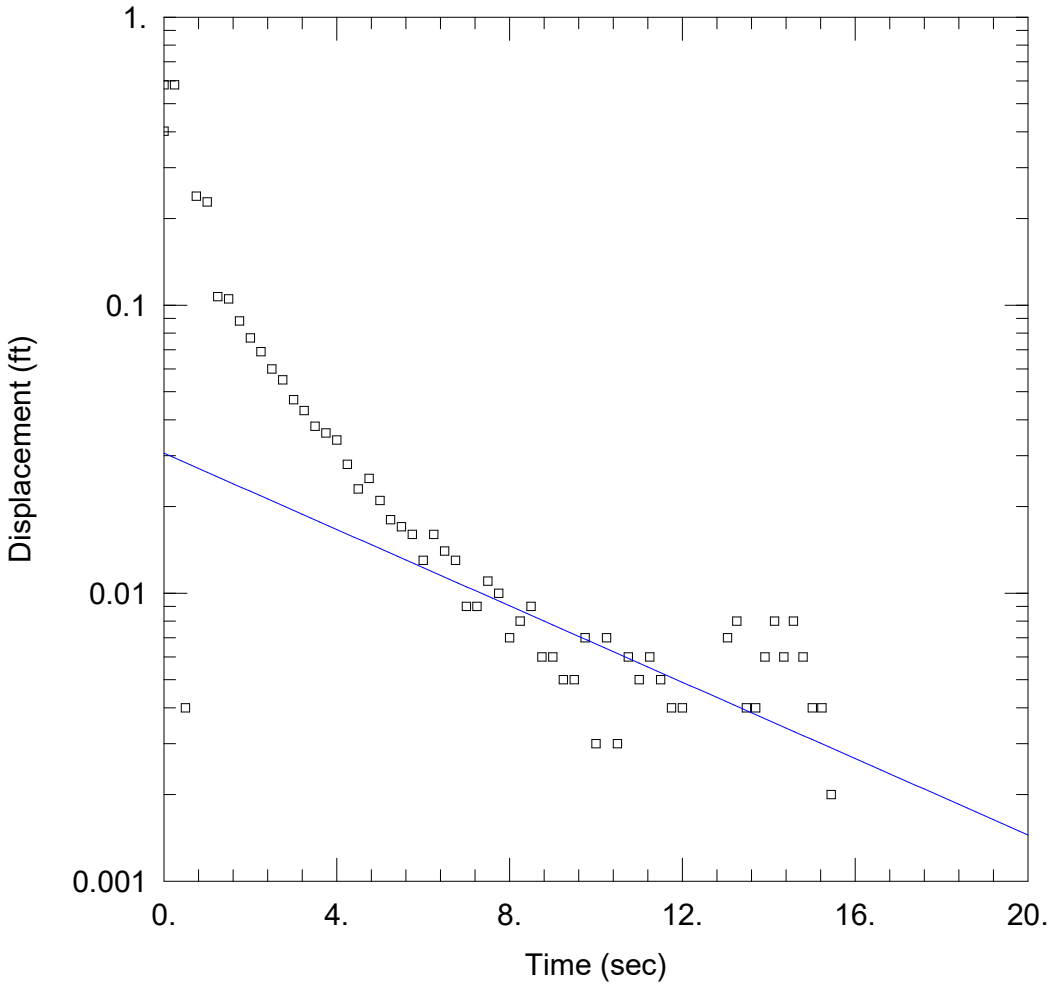
WELL DATA (MW-108 Rising 4)

Initial Displacement: 0.116 ft
Total Well Penetration Depth: 7.86 ft
Casing Radius: 0.042 ft
Static Water Column Height: 7.86 ft
Screen Length: 7.86 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.0041 cm/sec y0 = 0.009769 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Falling_1_Bouwer.aqt
Date: 02/20/20 Time: 15:27:09

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

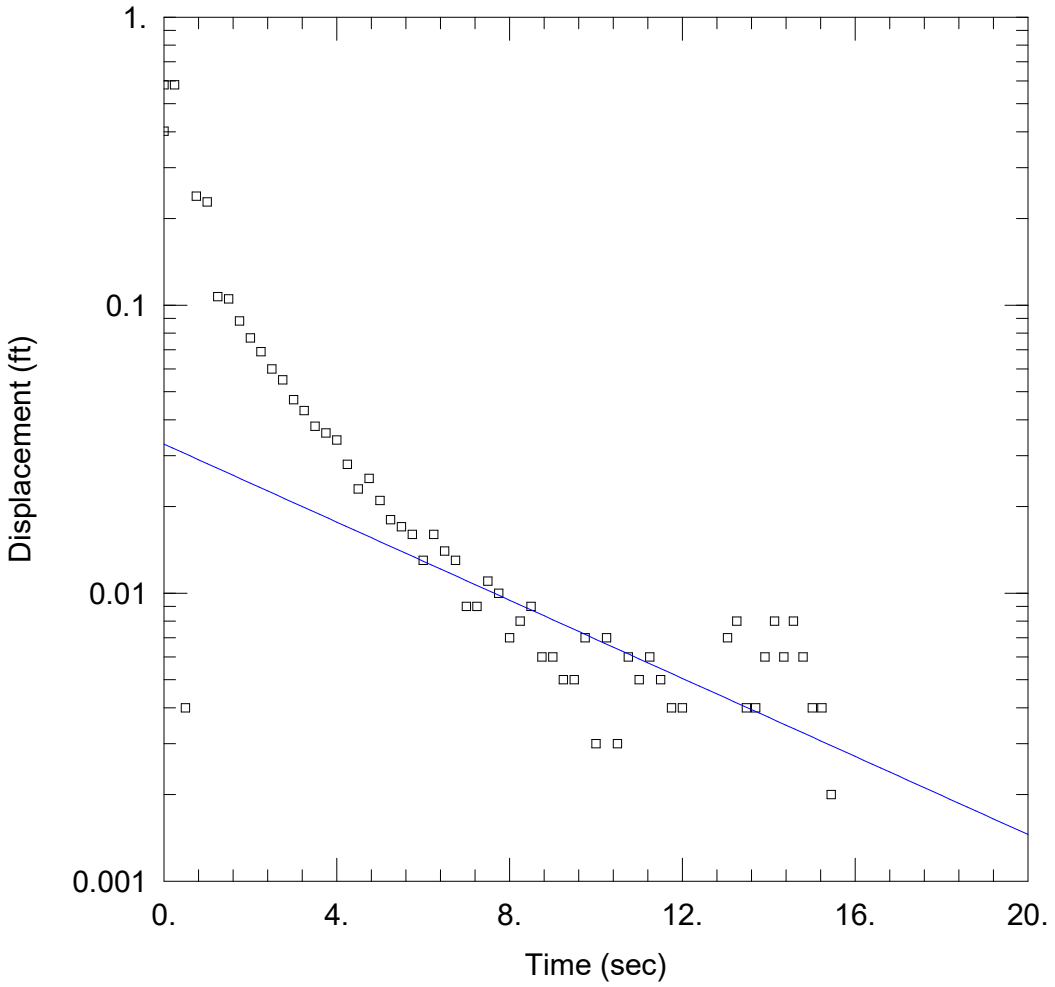
WELL DATA (TW-701 Falling 1)

Initial Displacement: 0.582 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.004628 cm/sec y0 = 0.03061 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Falling_1_Hvorselv.aqt
Date: 02/20/20 Time: 15:29:14

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

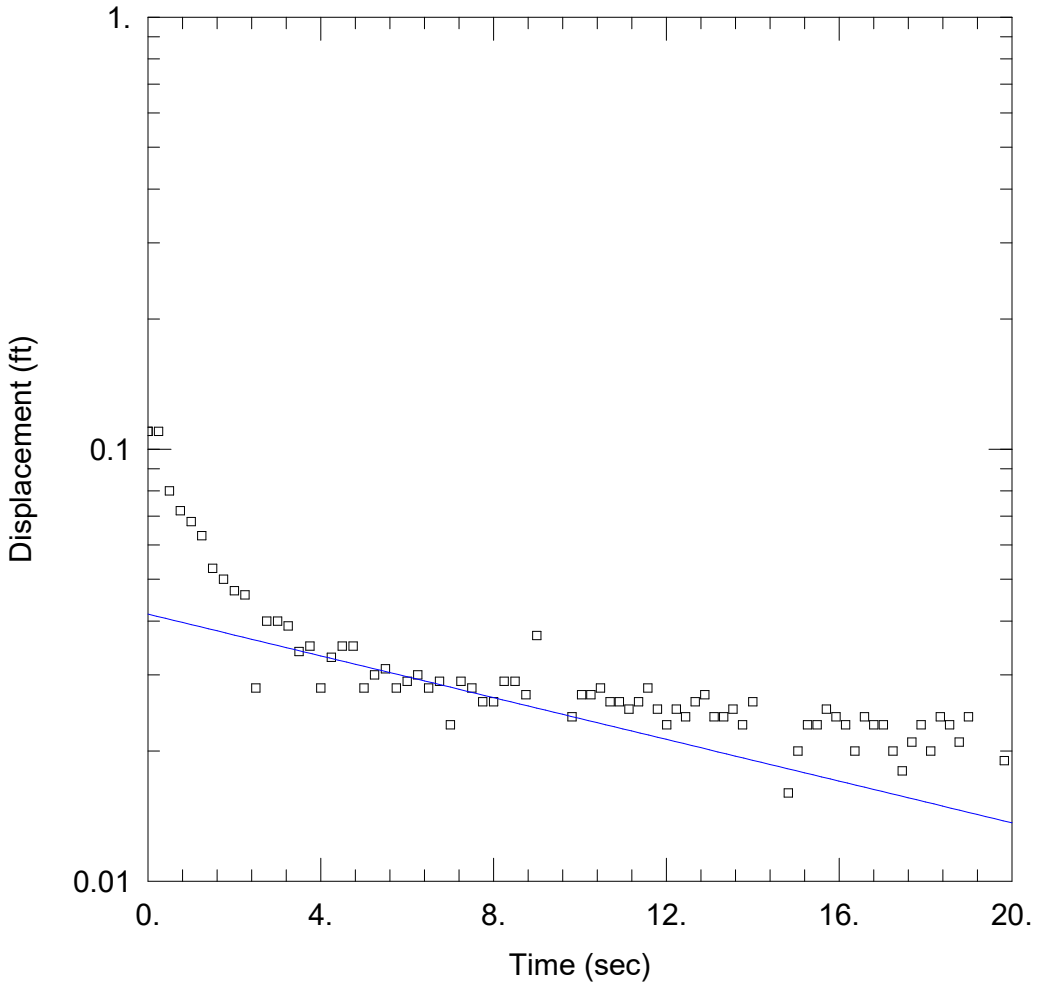
WELL DATA (TW-701 Falling 1)

Initial Displacement: 0.582 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.002776 cm/sec y0 = 0.03292 ft



SARANAC LAKE OU1 PDI

Data Set: \...\TW-701 Falling_2_Bouwer.aqt
Date: 02/20/20 Time: 15:30:05

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

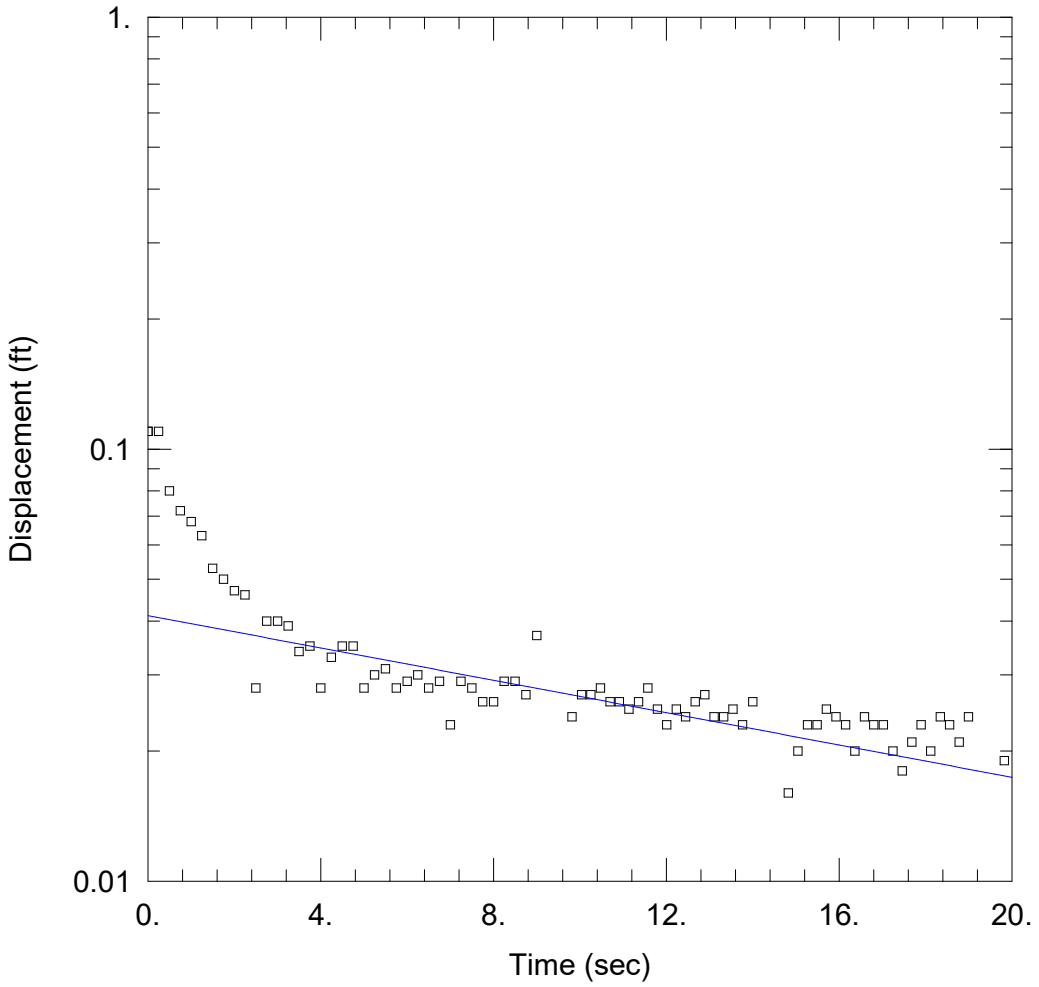
Saturated Thickness: 59. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (TW-701 Falling 2)

Initial Displacement: 0.11 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.001687 cm/sec
y0 = 0.04149 ft



SARANAC LAKE OU1 PDI

Data Set: \...\TW-701 Falling_2_Hvorselv.aqt
Date: 02/20/20 Time: 15:30:51

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

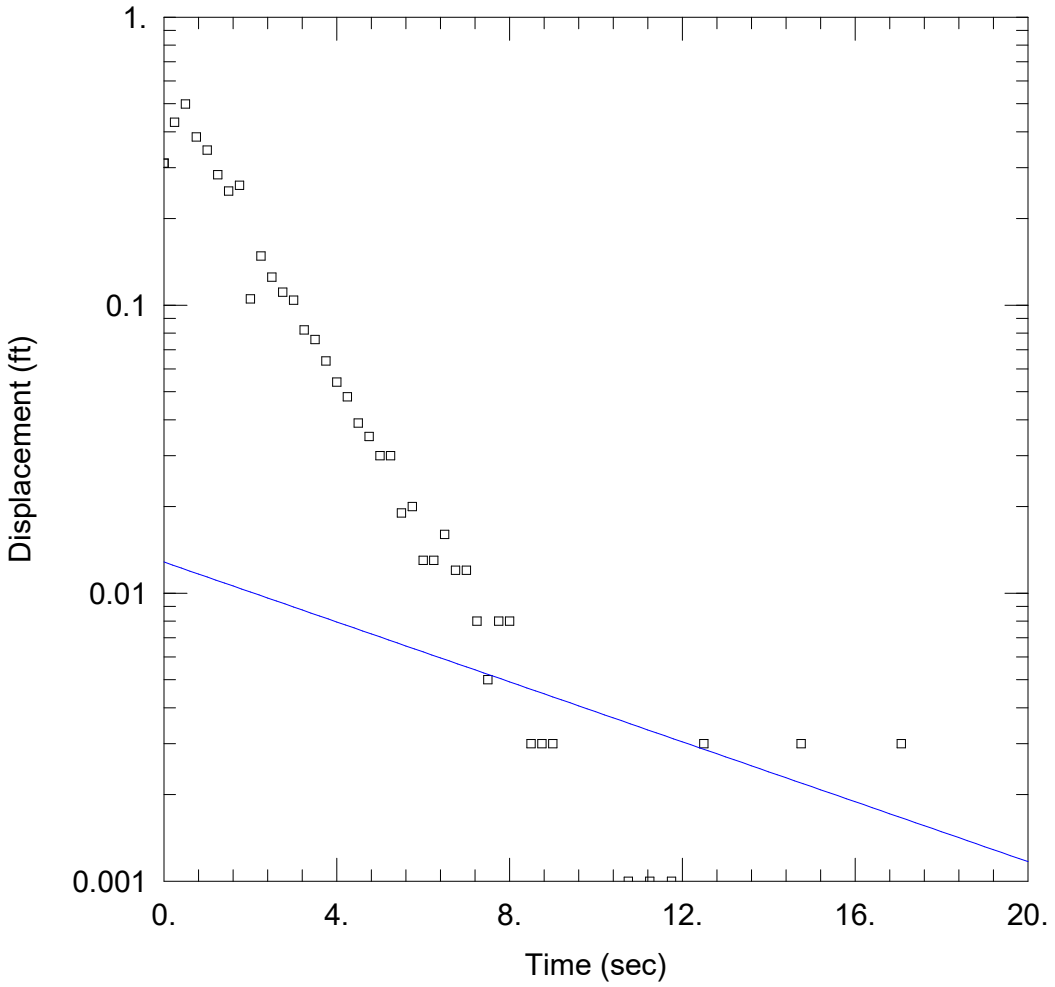
Saturated Thickness: 59. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (TW-701 Falling 2)

Initial Displacement: 0.11 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.004055 cm/sec
y0 = 0.04117 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_1_Bouwer.aqt
Date: 02/20/20 Time: 15:31:44

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191213
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

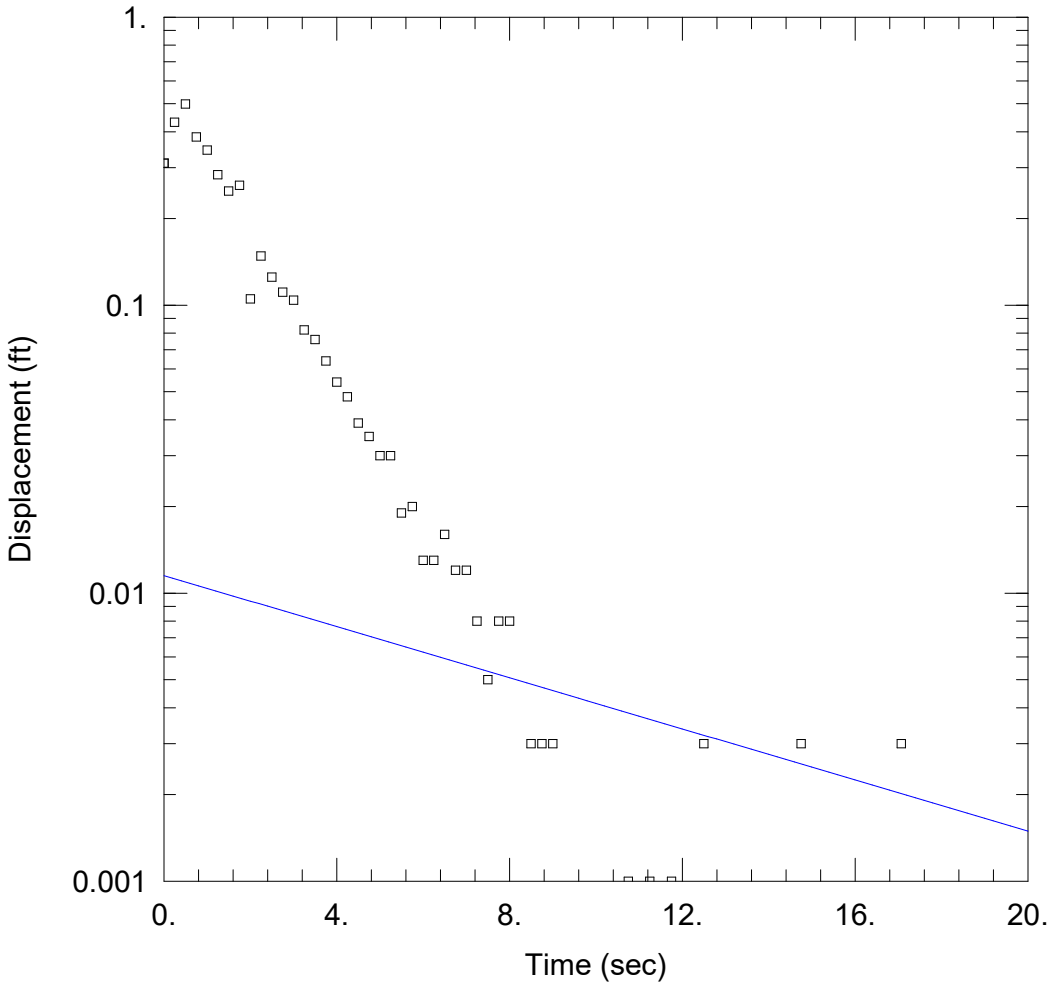
WELL DATA (TW-701 Rising 1)

Initial Displacement: 0.311 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.003632 cm/sec y0 = 0.01282 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_1_Hvorslev.aqt
Date: 02/20/20 Time: 15:32:40

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191213
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

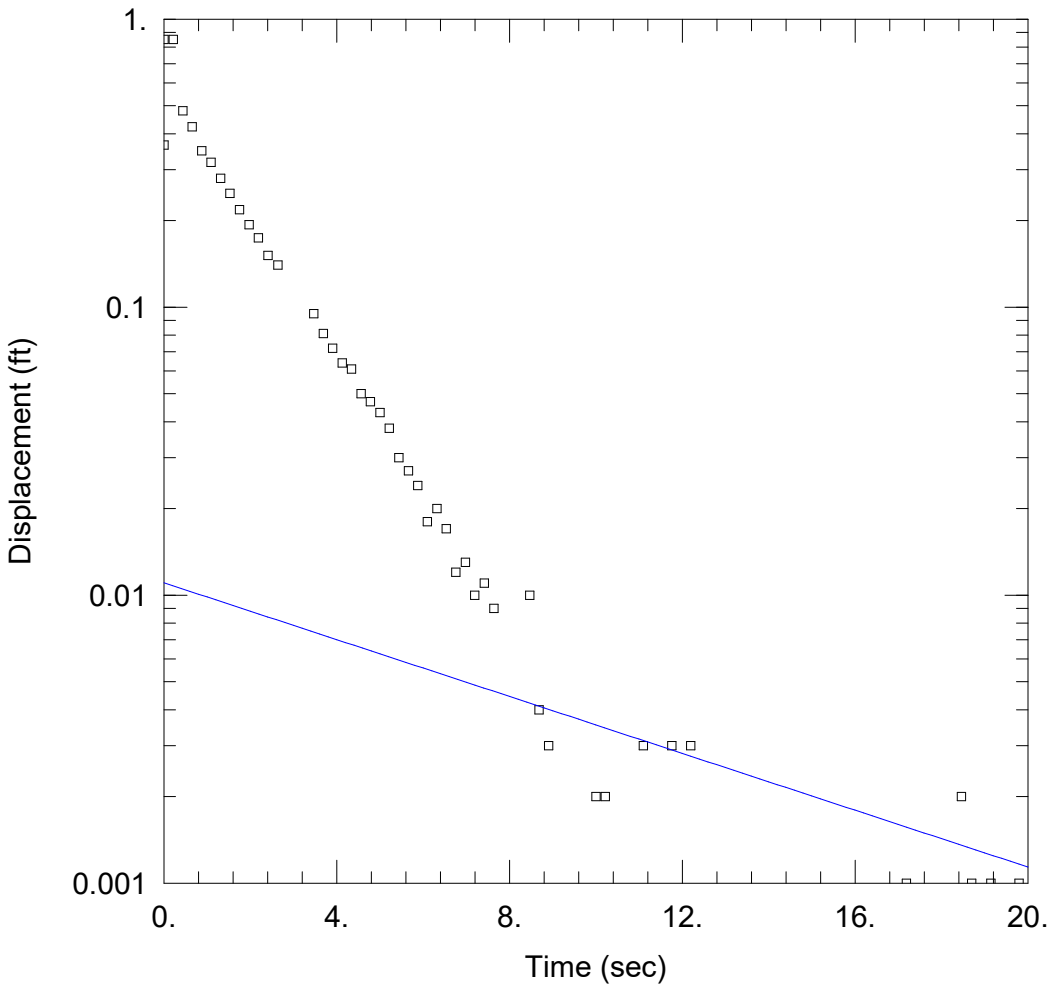
WELL DATA (TW-701 Rising 1)

Initial Displacement: 0.311 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.0034 cm/sec y0 = 0.01151 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_2_Bouwer.aqt
Date: 02/20/20 Time: 15:33:24

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/2019

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

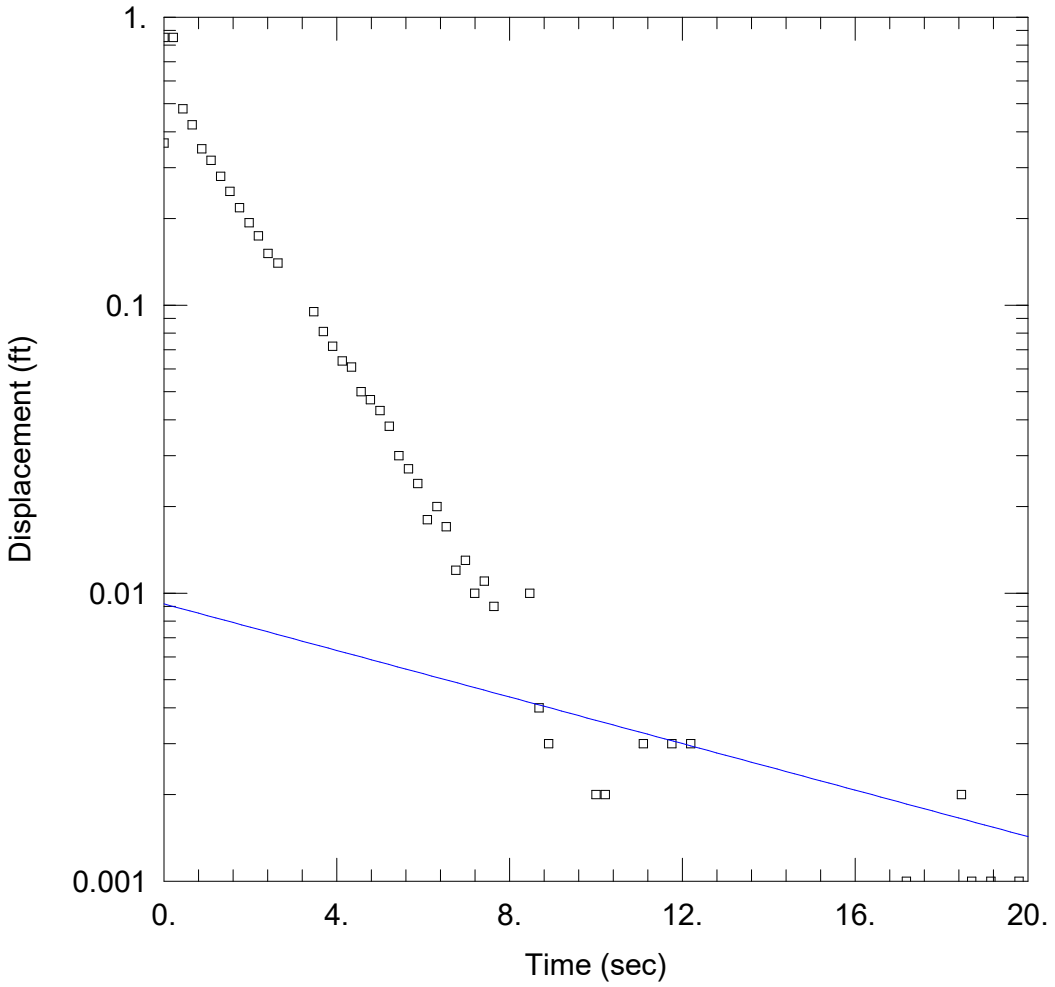
WELL DATA (TW-701 Rising 2)

Initial Displacement: 0.851 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.003447 cm/sec y0 = 0.01103 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_2_Hvorslev.aqt
Date: 02/20/20 Time: 15:34:15

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/2019

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

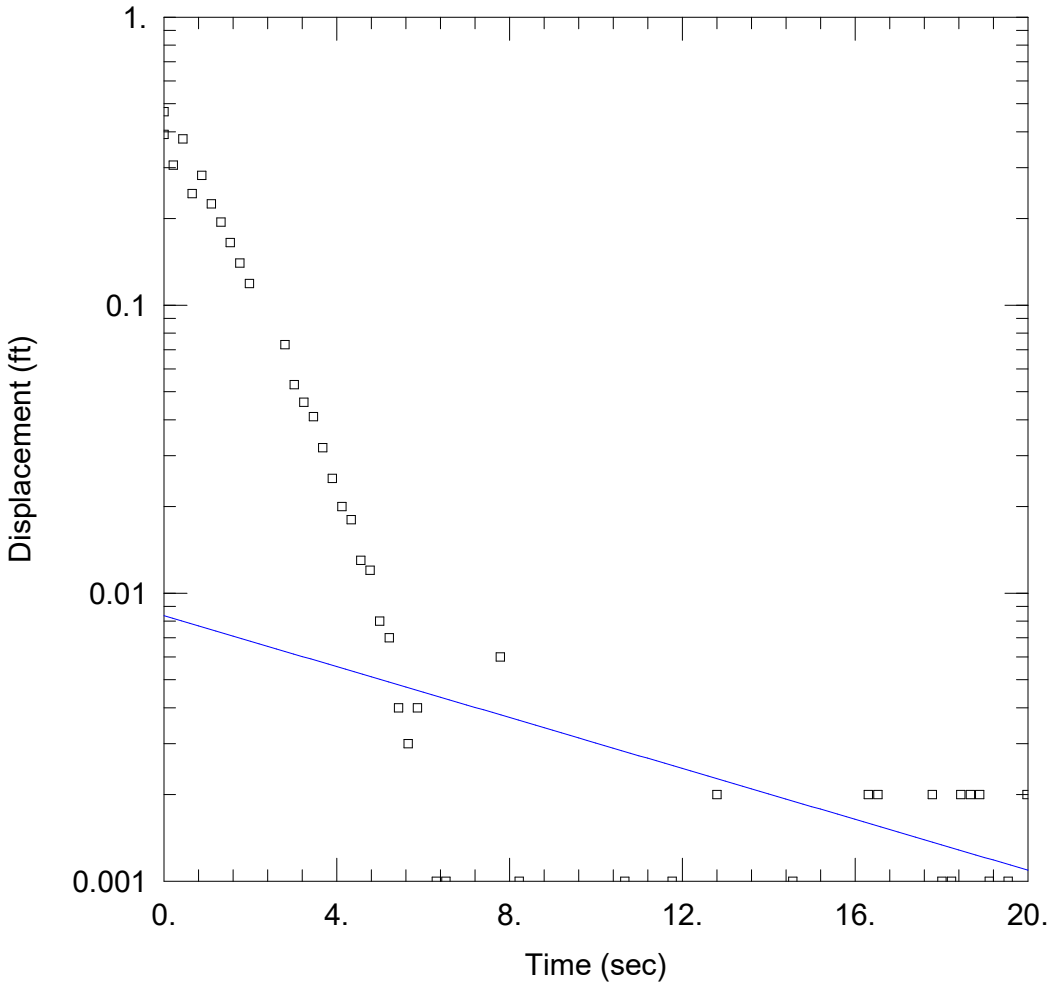
WELL DATA (TW-701 Rising 2)

Initial Displacement: 0.851 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.001132 cm/sec y0 = 0.009173 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_3_Bouwer.aqt
Date: 02/20/20 Time: 15:35:15

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

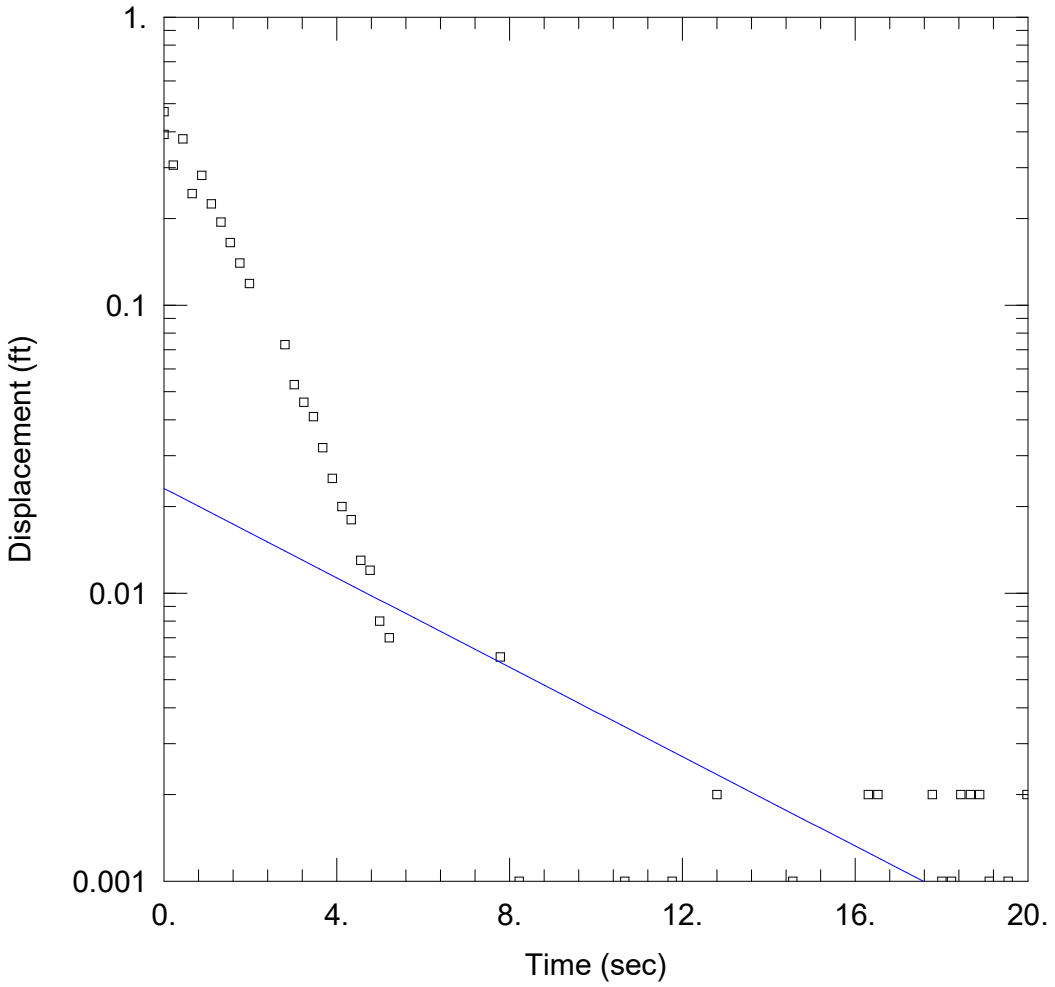
WELL DATA (TW-701 Rising 3)

Initial Displacement: 0.392 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.003085 cm/sec y0 = 0.008342 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_3_Hvorslev.aqt
Date: 02/20/20 Time: 15:35:56

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

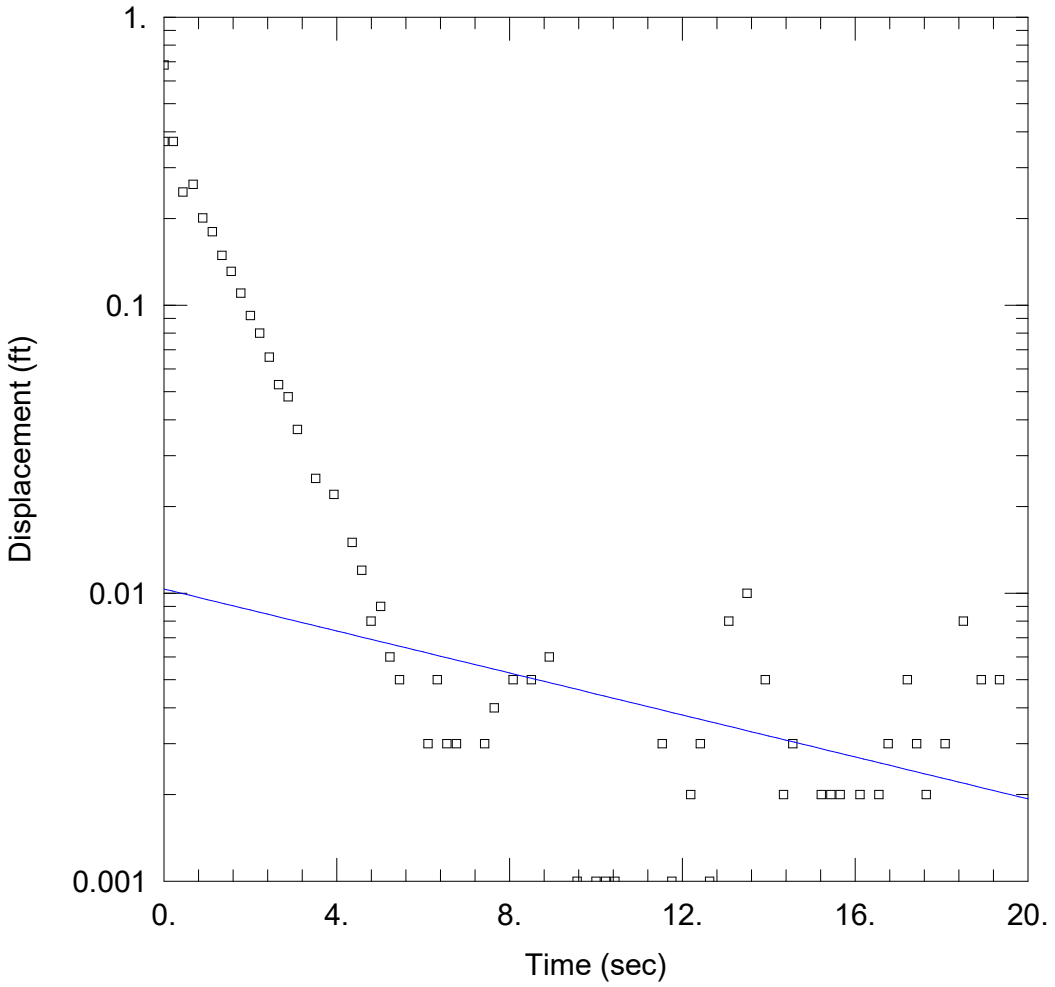
WELL DATA (TW-701 Rising 3)

Initial Displacement: 0.392 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.002401 cm/sec y0 = 0.02308 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_4_Bouwer.aqt
Date: 02/20/20 Time: 15:36:45

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

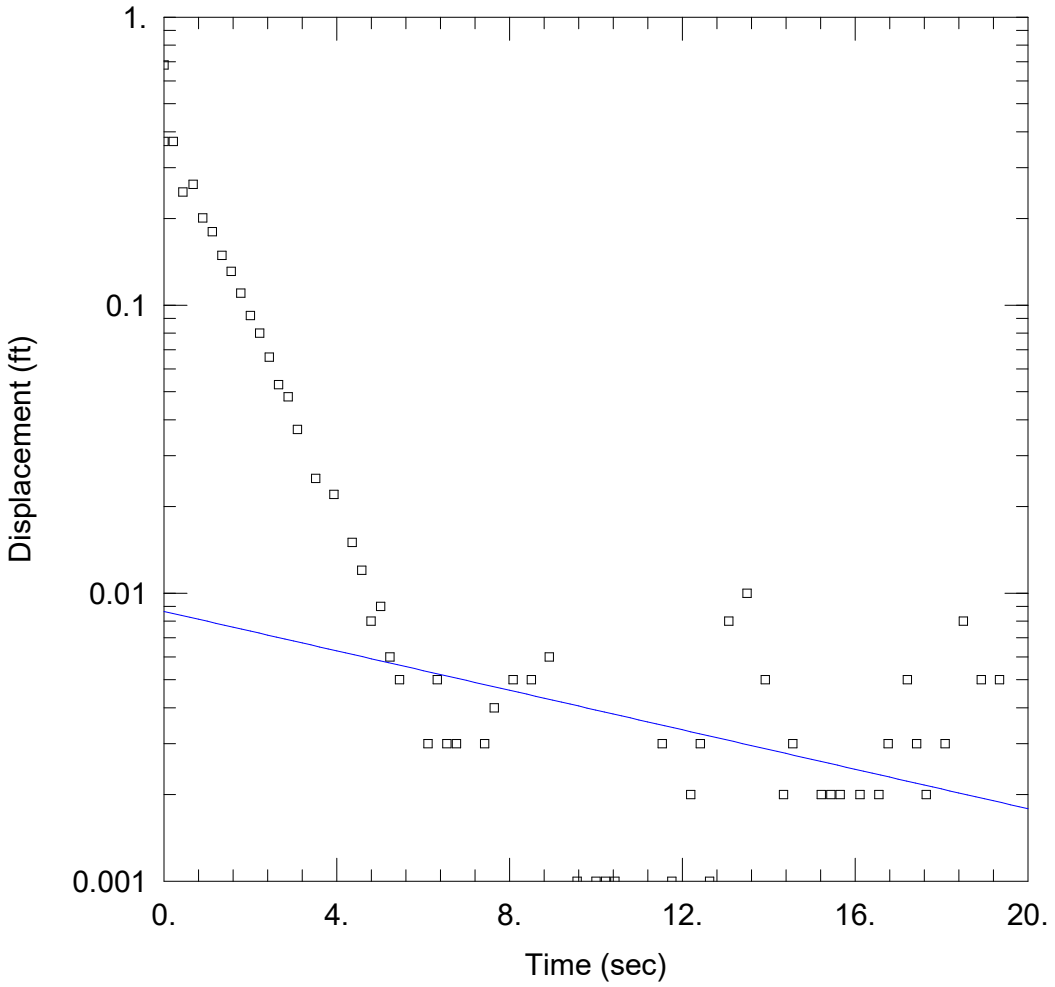
WELL DATA (TW-701 Rising 4)

Initial Displacement: 0.37 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.002545 cm/sec y0 = 0.01033 ft



SARANAC LAKE OU-1 PDI

Data Set: \...\TW-701 Rising_4_Hvorslev.aqt
Date: 02/20/20 Time: 15:37:23

PROJECT INFORMATION

Company: MACTEC
Client: NYSDEC
Project: 3611191237
Location: Saranac Lake, NY
Test Well: TW-701
Test Date: 9/28/19

AQUIFER DATA

Saturated Thickness: 59. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (TW-701 Rising 4)

Initial Displacement: 0.37 ft
Total Well Penetration Depth: 6.59 ft
Casing Radius: 0.042 ft
Static Water Column Height: 6.59 ft
Screen Length: 6.59 ft
Well Radius: 0.12 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev

K = 0.00128 cm/sec y0 = 0.00864 ft

APPENDIX E
HAZARDOUS MATERIAL SURVEY REPORT

MACTEC

engineering and constructing a better tomorrow

April 16, 2020

Ms. Briana Scharf
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7013

Subject: Hazardous Materials Survey Report
Saranac Lake Gas Company (Site No. 516008)
MACTEC Engineering and Geology P.C., Project No. 3611191237

Dear Ms. Scharf:

On behalf of the New York State Department of Environmental Conservation (NYSDEC) and in accordance with work assignment D007619-50, MACTEC Engineering and Geology P.C. (MACTEC) has prepared this Hazardous Materials Survey Report for the on-site structure at the Saranac Lake Gas Company (Site), NYSDEC Site number 516008, located in Saranac Lake, New York. This report presents the findings of the visual inspection and sampling performed on September 16, 2019 as part of the Operable Unit (OU) 1 Pre-design Investigation (PDI) (MACTEC, 2019).

The survey was conducted to assess and collect samples of potentially hazardous building materials composed of polychlorinated biphenyls (PCBs), lead, or asbestos located in the utility shed at the Site for demolition under implementation of the OU01 remedial action.

The site structure is a single-story, 3-sided wooden shed with metal siding and roofing with an elevated concrete slab with cinder block sidewalls. The structure had a built-out room in its northwest corner composed of cinderblock, mortar, and remnant drywall. Contents of the structure included a residential boiler, a water tank, two windows, miscellaneous vegetative debris, drywall debris, and refuse.

MACTEC Engineering and Geology, P.C.
511 Congress Street • Portland, Maine 04101 • Phone: 207-775-5401 • Fax: 207-772-4762

SUMMARY OF SITE ACTIVITIES

Prior to sampling a hazardous material assessment survey was conducted on the structure. The purpose of the survey was to locate, identify, and assess suspect friable and non-friable asbestos containing material (ACM), PCBs, and lead containing building materials prior to demolition of the structure. The survey was performed by a by a New York State Licensed Inspector, Mr. Alex Klein. License information is included as Attachment D. The material assessment is provided as Attachment A of this report.

The following sampling activities were completed upon completion of the hazardous material assessment:

- Suspect ACM Sampling.
- Suspect Lead Based Paint (LBP) surfaces sampling.
- Suspect PCB containing building materials sampling.

Suspect ACM Sampling

The sampling protocol was conducted in general accordance with the Asbestos Hazard Emergency Response Act (AHERA) identified in 40 Code of Federal Regulations (CFR) 763.86. Suspect ACM was grouped into homogeneous sampling areas (HSAs) and categorized according to 40 CFR 763, as thermal systems insulation (TSI), surfacing material, or miscellaneous material. The sampling plan included, at a minimum, the collection and analysis of samples as follows:

- Thermal System Insulation: In a distributive manner, a minimum of three samples of each HSA.
- Surfacing Material: In a distributive manner, a minimum of three samples collected from each HSA that was 1,000 square feet or less. A minimum of five samples collected from each HSA that was greater than 1,000 square feet but less than or equal to 5,000 square feet. A minimum of seven samples collected from each HSA that was greater than 5,000 square feet.
- Miscellaneous Material: In a distributive manner as determined by the Inspector, at least one sample and a maximum of three samples were collected of each suspect miscellaneous material.
- Non-Suspect Materials: According to 40 CFR 763-86(4), sampling of the following materials is not required where the accredited inspector has deemed the material to be fiberglass, foam glass, rubber, or another recognized non-ACM.

For the asbestos samples collected during the survey, a unique identification system was employed that utilized the material type followed by a dash, then the sample number frequency. For example, three samples of the same material (i.e., surfacing material) would be designated as follows “01-01”, “01-02”, “01-03”.

Samples were collected by wetting the sample collection area with amended water using a spray bottle then removing a small portion of the suspect material with a sharp knife or other hand tool suitable for the material being sampled. Each sample was placed in a sealable plastic bag and labeled immediately after sample collection. The sealed bags were then placed in a larger sealable plastic bag and then placed in the shipping container for transportation to the laboratory. The sampling instrument decontaminated by spraying the tool with amended water and wiping with a paper towel to minimize the potential release of asbestos fibers or cross-contamination of subsequent samples. Data pertinent to each sample (e.g., date, sample number, sample location, material description, and material category) were recorded on a field data sheet. The material determination of friability was made by the asbestos inspector in the field. The field data sheet and a map detailing the original locations of samples are provided as Attachment B.

Asbestos bulk samples and chain-of-custody submittal sheets were delivered to Lozier Environmental, located in Rochester, New York for asbestos analysis. Lozier participates in and maintains the National Voluntary Laboratory Accreditation Program (NVLAP) for quality control procedures. Each sample was analyzed using Polarized Light Microscopy (PLM) with dispersion staining techniques in accordance with USEPA Method 600/M4/82/020.

Bulk samples collected from Non-Organically Bound Materials (NOB) (i.e. floor tiles, mastics, caulks, glazings, and asphalt/tar-based roofing materials) were analyzed first by NY ELAP Method 198.6 (PLM with Gravimetric Prep). Samples from each HSA were analyzed until the first greater than one percent asbestos reading was recorded, referred to as “first positive stop.” If laboratory results for NOBs were reported as being negative and/or inconclusive for the presence of asbestos fibers, Transmission Electron Microscopy (TEM) analysis was performed on each negative/inconclusive sample to confirm the absence of ACM. The detection limit for this type of analysis is approximately one percent (by volume). Materials containing more than one percent asbestos are considered to be ACM. Laboratory analytical data reports and chain-of-custody forms are provided as Attachment C. Personnel, company, and laboratory certifications are provided as Attachment D.

A total of twenty-one (21) bulk samples, which included 15 friable samples and 6 non-friable samples, were collected from the structure.

Suspect LBP Sampling

Suspect LBP was assessed by HSA determined by observing similar color and paint characteristics over portions of the structure. Three HSAs were identified during suspect LBP sampling which included exterior metal paint, white paint over portions of the wood columns inside the structure, and green paint from the concrete wall of the built out room inside the structure.

One sample of paint was collected from each HSA and delivered to TestAmerica Eurofins for analysis by USEPA Method 3050B (acid digestion of sediments, sludges, and soils). One sample was taken from each HSA noted and given a specific sample number to identify its origin. A map detailing the sample locations is provided in Attachment B. Laboratory analytical data reports and chain-of-custody forms are provided as Attachment C.

Suspect PCB Containing Material Sampling

Suspect PCB containing materials were assessed by HSA determined by observing similar color and material characteristics over portions of the structure. Two HSAs were identified during suspect PCB containing material sampling which included window glazing compounds observed on the northwestern and southwestern windows of the structure.

One sample each building material was collected from each HSA and delivered to TestAmerica Eurofins for analysis by USEPA Method 8082A (Polychlorinated Biphenyls (PCBs) by Gas Chromatography). One sample was taken from each HSA noted and given a specific sample number to identify its origin. A map detailing the sample locations is provided in Attachment B. Laboratory analytical data reports and chain-of-custody forms are provided as Attachment C.

ANALYTICAL RESULTS

Asbestos

ACM is categorized as material with greater than 1% asbestos content by the New York State Department of Labor and the USEPA.

Two tan window glazing compound samples were collected. Sample 06-13 was determined to contain 2.7% Chrysotile by PLM, found on the west wall, southern window of the structure. Sample 06-14 was not analyzed on positive stop protocols. There is approximately 12 linear feet of tan window glazing compound located on the west wall, southern window.

Two white window glazing compound samples were collected. Sample 09-20 was determined to contain 6% Chrysotile by PLM, found on the west wall, northern window of the structure. Sample 09-21 was not analyzed on positive stop protocols. There is approximately 12 linear feet of white window glazing compound located on the west wall, northern window.

The other materials analyzed for asbestos were determined to be non-ACM, which included grey foundation mortar, light grey build-out mortar, drywall debris, water tank jacket fiberglass insulation paper backing, white boiler pipe wrap, white boiler insulation, and white leveling compound.

Lead-Based Paint

The USEPA defines lead-based paint as any paint, surface coating that contains lead equal to or exceeding one milligram per square centimeter (1.0 mg/cm2) or 0.5% by weight.

Paint samples collected from the structure were determined to not be lead-based paint. All paints were determined to have less than 0.5% lead by weight. Paints tested include exterior metal paint (PB-SLGC-02), white paint over portions of the wood columns inside the structure (PB-SLGC-01), and light blue paint from the concrete wall of the built out room inside the structure (PB-SLCG-03).

PCB Building Materials

Removal, handling, and disposal of PCB-containing material is regulated under the USEPA's Toxic Substance Control Act (TSCA) regulations (40 CFR Part 761) program as well as USEPA's hazardous waste regulations (40 CFR Part 261), and are subject to NYSDEC solid waste regulation Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 360 when sent to a solid waste landfill. Building materials analyzed for PCBs were determined to not contain PCBs. Samples included tan window glazing compound from the west wall southern window (PCB-SLGC-01), and white window glazing compound from the west wall northern window (PB-SLGC-02).

LIMITATIONS OF THE ASSESSMENT

The conclusions within this Report are professional opinions based solely upon visual site observations and interpretations of analytical data as described in this report. Destructive/intrusive investigative techniques were conducted utilizing manual hand tools, to the extent determined to be safe and necessary by field staff. While destructive sampling methods were used, it is not feasible to look at every portion of the building. Suspect materials encountered during demolition not previously identified should be presumed to contain asbestos until characterized.

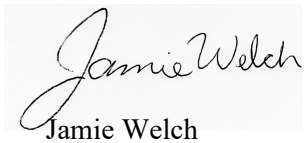
The opinions presented herein apply to the site conditions existing at the time of the survey, and interpretation of current regulations pertaining to asbestos. Opinions and recommendations provided herein may not apply to future conditions that may exist at the site. Regulatory requirements in effect at the time of the work should be verified prior to any work that impacts regulated materials. This report represents the findings of this survey only and is not intended to establish scope or contractual terms for regulated materials abatement.

MACTEC recommends that if suspect ACM not previously identified is discovered, all activities which may disturb the material should be stopped, and a New York State accredited asbestos inspector should inspect the suspect material to determine whether or not the material is ACM and if it is friable or non-friable. MACTEC also recommends any ACM identified be removed by a qualified New York State licensed asbestos abatement contractor prior to performing renovation and demolition activities which would disturb them.

Please feel free to contact us at (207) 775-5401 if you have any questions.

Sincerely,

MACTEC Engineering and Geology P.C.



Nathan Vogan, P.G. Jamie Welch

Project Geologist Project Manager

Enclosures (4)

Attachment 1: Hazardous Material Assessment Spreadsheet

Attachment 2: Field Notes and Sample Location Map

Attachment 3: Laboratory Analytical Reports & Chains of Custody

Attachment 4: Personnel, Laboratory, and Company Certifications

REFERENCES

MACTEC Engineering and Geology, P.C., 2019. Field Activities Plan Pre-Design Investigation, Saranac Lake Gas Company, Operable Unit 01, NYSDEC Site No. 516008, Remedial Design. September 2019.

ATTACHMENT 1

HAZARDOUS MATERIAL ASSESSMENT SPREADSHEET

MACTEC

Asbestos Building Materials Assessment Summary Table						
Material Location	**Material Name**	**Material Quantity**	**Hazardous Material Content**	**Friabile/Nonfriable (F/NF)**	**Material Condition (Good, Fair, Poor)**	**Additional Comments**
Foundation	Foundation Mortar	-	NA	F	Fair	
Buildout Wall	Buildout Mortar	-	NA	F	Good	
NW of Structure	Drywall Debris	-	NA	F	Poor	
NW of Structure	Water Tank Jacket	-	NA	F	Poor	
NW of Structure	Boiler Pipe Wrap	-	NA	F	Poor	
W Wall S Side	Tan Window Glazing Compound	12 LF	2.7% Chrysotile	NF	Poor	
W Wall N Side	White Window Glazing Compound	12 LF	6% Chrysotile	NF	Poor	
East Floor	White Leveling Compound	-	NA	NF	Poor	
Lead Based Paint Assessment Summary Table						
Material Location	**Material Name**	**Material Quantity**	**Hazardous Material Content**	**Friabile/Nonfriable (F/NF)**	**Material Condition (Good, Fair, Poor)**	**Additional Comments**
Columns	White Paint	-	<0.5% Pb	NA	Poor	
Exterior	Silver-Grey Exterior Paint	-	<0.5% Pb	NA	Fair	
Buildout	Light Blue Paint	-	<0.5% Pb	NA	Good	
PCB Material Assessment Summary Table						
Material Location	**Material Name**	**Material Quantity**	**Hazardous Material Content**	**Friabile/Nonfriable (F/NF)**	**Material Condition (Good, Fair, Poor)**	**Additional Comments**
W Wall S Side	Tan Window Glazing Compound	-	ND PCB	NF	Poor	
W Wall N Side	White Window Glazing Compound	-	ND PCB	NF	Poor	

ATTACHMENT 2

FIELD NOTES AND SAMPLE LOCATION MAP

MEMO

amec

To _____ Page 1 of 2

From _____ Date 9/16/19

Project 36119123.03 Job Number _____

Subject Saranac Shed Haz Mat Sampling

HA#	Suspect Asbestos Assessment List	Quantity	F/NF
1	Foundation Mortar	40x40 SF	F
2	Buildout Mortar	42+56 = 100 SF	F
3	Drywall Debris	42 SF	F
4	Water Tank Gasket	15 SF	F
5	Boiler Pipe Wrap	~1 SF	F
6	Window Glazing Compound	~12 LF	NF
7	Boiler Insulation	~15 SF	F
8	White leveling Compound	~1 SF	NF
9	White WGC	~12 LF	NF

Legend
WGC = Window Glazing Compound
F = Friable
NF = Not friable
SF = Square ft
LF = Linear Ft

Lead
Whitewash: ~~1000~~ 500 SF
~~Blue-grey Window Paint ~45F~~
Silver-grey Ext Paint ~~1000~~ 500 SF
L- Blue Buildout Paint ~100 SF

PCBs

SW WGC: PCB-01 - 12 LF
NW WGC PCB-02 - 12 LF

Scanned by CamScanner

MEMO

amec

To _____

From _____

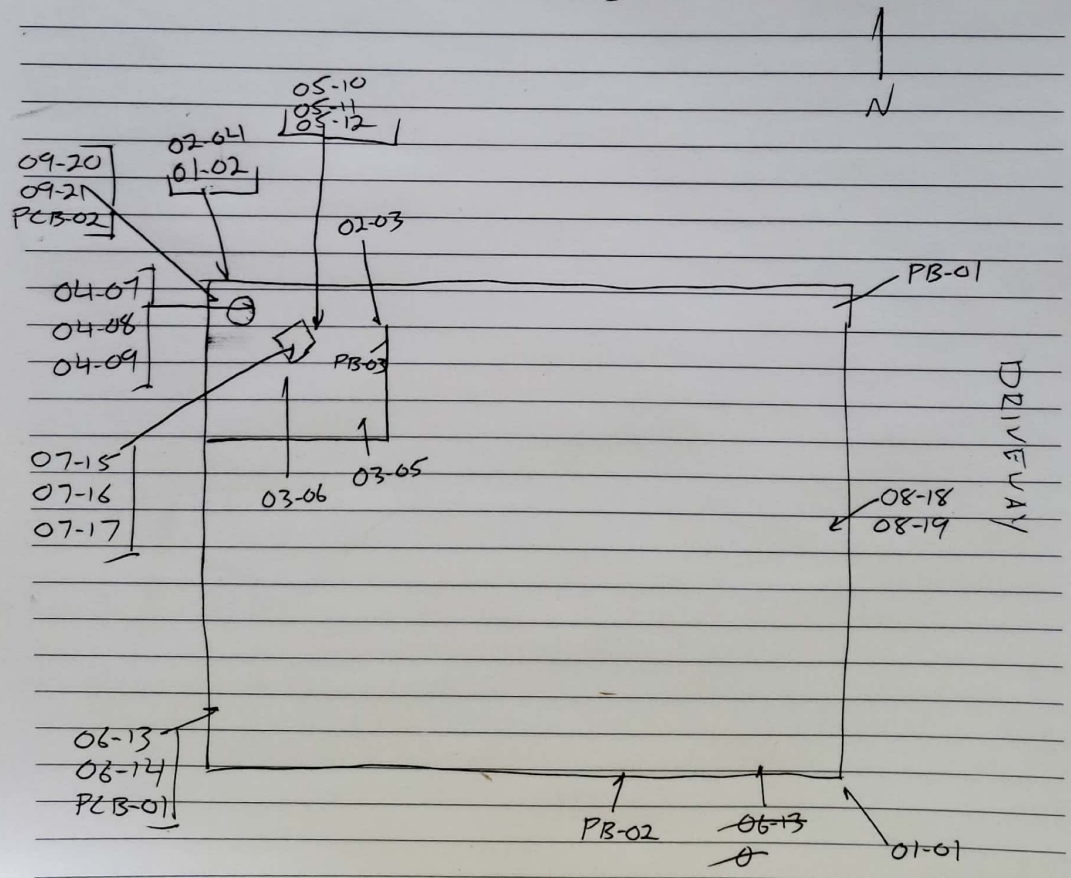
Project 3611191237.03

Subject Saranac Haz ~~Waste~~ Mat Sampling

Page 2 of 2

Date _____

Job Number _____



Scanned by CamScanner

ATTACHMENT 3

LABORATORY ANALYTICAL REPORTS & CHAINS OF CUSTODY

PLM ASBESTOS BULK MATERIAL SAMPLES

Lozier Environmental Consulting, Inc
2011 East Main Street, Rochester, New York
Phone (585)-654-9080 Fax (585)654-9662 www.LozierEnv.com
ELAP Accredited No. 11770

Client: Wood E&IS | **Sample Date:** 09/16/2019 | **Lab No.:** | **Contacted Client** _____

Address: 511 Congress St. Suite 200 | **Turn Around:** Standard | **Left Message** _____

Portland, ME 04101 | **Location:** SLGC- Wood PN: 3611191237.3 | **TEM:** Yes No T/R

Contact: Nate Vogan | ALWAYS POSITIVE STOP PER HOMOGENOUS AREA | TEM Confirm Negative as necessary for NOB

Phone # 207-828-3562 | **Fax #** | **No. Samples:** 21 | **Sampled By:** Alexander Klein

HA-Sample # Client ID	Lab ID	Room/Area Location	Color/Description	Material Type	Stop Positive	Layer No.	F - NF NOB	+ -	TEM
01-01		SE Exterior Corner	Grey	Foundation Mortar	Yes	1	F		
01-02		NW Exterior Corner	Grey	Foundation Mortar	Yes	1	F		
02-03		Inside @ room opening	Light Gray	Buildout Mortar	Yes	1	F		
02-04		NW Exterior Corner	Light Grey	Buildout Mortar	Yes	1	F		
03-05		SE Corner of buildout room	Drywall Debris	Drywall Debris	Yes	1	F		
03-06		Center of buildout room	Drywall Debris	Drywall Debris	Yes	1	F		
04-07		Water Heater East Side	Water Tank Jacket	Fiberglass insulation paper backing	Yes	1	F		
04-08		↓	↓	↓	Yes	1	F		
04-09		↓	↓	↓	Yes	1	F		
05-10		On boiler in buildout room	White	Boiler Pipe Wrap	Yes	1	F		

TRANSPORTED TO: LOZIER ENVIRONMENTAL CONSULTING, INC.

RECEIVED BY:

DATE: TIME:

Relinquished By: _____

DATE: 9/17/19 TIME: 1000

Lozier
Environmental Consulting, Inc.
2011 East Main Street, Rochester, New York
Phone (585)-654-9080 Fax (585)654-9662 www.LozierEnv.com
ELAP Accredited No. 11770

PLM ASBESTOS BULK MATERIAL SAMPLES

Client: Wood E&IS	**Sample Date:** 09/16/2019	**Lab No.:**	**Contacted Client**
Address: 511 Congress St. Suite 200	**Turn Around:** Standard		**Left Message**
Portland, ME 04101	**Location:** SLGC- Wood PN: 3611191237.3		**TEM:** Yes No T/R
Contact: Nate Vogan	ALWAYS POSITIVE STOP PER HOMOGENOUS AREA		
Phone # 207-828-3562	**Fax #**	**No. Samples:** 21	**Sampled By:** Alexander Klein

HA-Sample # Client ID	Lab ID	Room/Area Location	Color/Description	Material Type	Stop Positive	Layer No.	F - NF NOB	+ -	TEM
05-11		On boiler in buildout room	White	Boiler Pipe Wrap	Yes	1	F		
05-12		On boiler in buildout room	White	Boiler Pipe Wrap	Yes	1	F		
06-13		W. Wall S. Side Window	~~White~~ Tan (AF)	Window Glazing Compound	Yes	1	NF		
06-14		W. Wall S. Side Windo	~~White~~ (NF) Tan	Window Glazing Compound	Yes	1	NF		
07-15		E. Side Water Boiler in buildout room	White	Boiler Insulation	Yes	1	F		
07-16		↓	↓	↓	Yes	1	F		
07-17		↓	↓	↓	Yes	1	F		
08-18		E Floor by ramp	White	Leveling Compound	Yes	1	NF		
08-19		E. Floor by ramp	White	Leveling Compound	yes	1	NF		
09-20		W. Wall N side Window	White	Window Glazing Compound	Yes	1	NF		

TRANSPORTED TO: LOZIER ENVIRONMENTAL CONSULTING, INC.

Relinquished By: [signature]

RECEIVED BY:

DATE: 9/17/19 **TIME:** 1000

DATE: **TIME:**

PLM ASBESTOS BULK MATERIAL SAMPLES

Lozier Environmental Consulting, Inc.
2011 East Main Street, Rochester, New York
Phone (585)-654-9080 Fax (585)654-9662 www.LozierEnv.com
ELAP Accredited No. 11770

Client: Wood E&IS **Sample Date:** 09/16/2019 **Lab No.:** **Contacted Client** _____

Address: 511 Congress St. Suite 200 **Turn Around:** Standard **Left Message** _____

Portland, ME 04101 **Location:** SLGC- Wood PN: 3611191237.3 **TEM:** Yes No T/R

Contact: Nate Vogan ALWAYS POSITIVE STOP PER HOMOGENOUS AREA

Phone # 207-828-3562 **Fax #** **No. Samples:** 21 **Sampled By:** Alexander Klein

HA-Sample # Client ID	Lab ID	Room/Area Location	Color/Description	Material Type	Stop Positive	Layer No.	F - NF NOB	+ -	TEM
09-21		W. Wall N Side Window	Wht	Window Glazing Compound	Yes	1	NF		

TRANSPORTED TO: LOZIER ENVIRONMENTAL CONSULTING, INC.

Relinquished By: [signature]

RECEIVED BY: **DATE:** 9/17/19 **TIME:** 1000

DATE: **TIME:**

Lozier
Environmental Consulting, Inc.

2011 East Main Street, Rochester, New York 14609
Phone: (585) 654-9080 Fax: (585) 654-9662
www.LozierEnv.com
ELAP #11770

Client: Wood E&IS
511 Congress Street, Suite 200
Portland, Maine 04101

Attn: Nate Vogan

Project Site: SLGC - Wood PN: 3611191237.3

Laboratory No.: 60766
Date Received: 9/18/19
Report Date: 9/24/19
Analysis Date: 9/19/19
Page: 1 of 3
TEM results in Following Pages
Chain of Custody in Following Pages

SAMPLE INFORMATION

Sample Date:	9/16/19	**Location:**	Interior	**Analyst:**	M. Ling
Sampler:	Client	**Type of Sample:**	Bulk Asbestos	**Number of Samples:**	21

ASBESTOS BULK LABORATORY REPORT

HA Number	Lab ID	Sampling Location	Description	PLM Asbestos Fibers (%)	PLM Total Asbestos (%)	NOTE	CLASS	PLM Non-Asbestos Fibers (%)	Matrix Material (%)	TEM Results Asbestos (%)
01-01	60766-1	SE Exterior Corner	Grey Foundation Mortar	None Detected 0%	0%		NF	Cellulose 2%	98%	N/A
01-02	60766-2	NW Exterior Corner	Grey Foundation Mortar	None Detected 0%	0%		NF	Cellulose 2%	98%	N/A
02-03	60766-3	Inside at Room Opening	Light Grey Buildout Mortar	None Detected 0%	0%		NF	Cellulose 2%	98%	N/A
02-04	60766-4	NW Exterior Corner	Light Grey Buildout Mortar	None Detected 0%	0%		NF	Cellulose 2%	98%	N/A
03-05	60766-5	SE Corner of Buildout Room	Drywall Debris	None Detected 0%	0%		F	Cellulose 2% Fiberglass 20%	78%	N/A
03-06	60766-6	Center of Buildout Room	Drywall Debris	None Detected 0%	0%		F	Cellulose 2% Fiberglass 20%	78%	N/A
04-07	60766-7	Water Heater East Side	Water Tank Jacket Fiberglass Insulation Paper Backing	None Detected 0%	0%		F	Cellulose 97%	3%	N/A
04-08	60766-8	Water Heater East Side	Water Tank Jacket Fiberglass Insulation Paper Backing	None Detected 0%	0%		F	Cellulose 95%	5%	N/A
04-09	60766-9	Water Heater East Side	Water Tank Jacket Fiberglass Insulation Paper Backing	None Detected 0%	0%		F	Cellulose 95%	5%	N/A
05-10	60766-0	On Boiler in Buildout Room	White Boiler Pipe Warp	None Detected 0%	0%		F	Cellulose 95% Synthetic 2%	3%	N/A

Analysis Method: Polarized Light Microscopy (PLM) - Friable Material: EPA 600/M4-82-020, New York State ELAP Item 198.1 and NOB Material: ELAP Item 198.6.

Analytical results relate only to the sample received and analyzed.

Material Classification: F = Friable, NF = Non-Friable, NOB = Non-Friable Organically Bound.

***NAD*:** No Asbestos detected by TEM analysis

N/A: Not applicable; TEM analysis not required

***Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings & similar non-friable organically bound materials (NOB) and ceiling tiles that contain cellulose fibers. Quantitative Transmission Electron Microscopy (TEM) is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

Analyst: S. Johnston - NIKON Optiphot 2 PLM(136048)
Analyst: J. Cravotta - Meiji PLM (MT9920)
Analyst: M. Ling - NIKON Optiphot 2 PLM(139570)

Approved By:_____
J. DeNike Laboratory Director

Lozier
Environmental Consulting, Inc.

2011 East Main Street, Rochester, New York 14609
Phone: (585) 654-9080 Fax: (585) 654-9662
www.LozierEnv.com
ELAP #11770

Client: Wood E&IS
511 Congress Street, Suite 200
Portland, Maine 04101

Attn: Nate Vogan

Project Site: SLGC - Wood PN: 3611191237.3

Laboratory No.: 60766
Date Received: 9/18/19
Report Date: 9/24/19
Analysis Date: 9/19/19
Page: 2 of 3
TEM results in Following Pages
Chain of Custody in Following Pages

SAMPLE INFORMATION

Sample Date:	9/16/19	**Location:**	Interior	**Analyst:**	M. Ling
Sampler:	Client	**Type of Sample:**	Bulk Asbestos	**Number of Samples:**	21

ASBESTOS BULK LABORATORY REPORT

HA Number	Lab ID	Sampling Location	Description	PLM Asbestos Fibers (%)	PLM Total Asbestos (%)	NOTE	CLASS	PLM Non-Asbestos Fibers (%)	Matrix Material (%)	TEM Results Asbestos (%)
05-11	60766-11	On Boiler in Buildout Room	White Boiler Pipe Wrap	None Detected 0%	0%		F	Cellulose 95% Mineral Wool 2%	3%	N/A
05-12	60766-12	On Boiler in Buildout Room	White Boiler Pipe Wrap	None Detected 0%	0%		F	Cellulose 95% Mineral Wool 2%	3%	N/A
06-13	60766-13	W. Wall S. Side Window	Tan Window Glazing Compound	Chrysotile 2.7%	2.7%		NF	None Detected 0%	97.3%	N/A
06-14	60766-14	W. Wall S. Side Window	Tan Window Glazing Compound	Not Analyzed Stop Positive See Sample 06-13	N/A		NF	N/A	N/A	N/A
07-15	60766-15	E. Side Water Boiler in Buildout Room	White Boiler Insulation	None Detected 0%	0%		F	Cellulose 5% Fiberglass 20% Mineral Wool 60%	15%	N/A
07-16	60766-16	E. Side Water Boiler in Buildout Room	White Boiler Insulation	None Detected 0%	0%		F	Cellulose 5% Fiberglass 30% Mineral Wool 50%	15%	N/A
07-17	60766-17	E. Side Water Boiler in Buildout Room	White Boiler insulation	None Detected 0%	0%		F	Cellulose 5% Fiberglass 40% Mineral Wool 40%	15%	N/A
08-18	60766-18	E Floor by Ramp	White Leveling Compound	Inconclusive None Detected 0%	0%	*	NOB	None Detected 0%	100%	NAD
08-19	60766-19	E Floor by Ramp	White Leveling Compound	Inconclusive None Detected 0%	0%	*	NOB	None Detected 0%	100%	NAD
09-20	60766-20	W. Wall N Side Window	White Window Glazing Compound	Chrysotile 6%	6%		NOB	None Detected 0%	94%	N/A

Analysis Method: Polarized Light Microscopy (PLM) - Friable Material: EPA 600/M4-82-020, New York State ELAP Item 198.1 and NOB Material: ELAP Item 198.6.

Analytical results relate only to the sample received and analyzed.

Material Classification: F = Friable, NF = Non-Friable, NOB = Non-Friable Organically Bound.

***NAD*:** No Asbestos detected by TEM analysis

N/A: Not applicable; TEM analysis not required

***Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings & similar non-friable organically bound materials (NOB) and ceiling tiles that contain cellulose fibers. Quantitative Transmission Electron Microscopy (TEM) is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

Analyst: S. Johnston - NIKON Optiphot 2 PLM(136048)
Analyst: J. Cravotta - Meiji PLM (MT9920)
Analyst: M. Ling - NIKON Optiphot 2 PLM(139570)

Approved By:_____
J. DeNike Laboratory Director

Lozier
Environmental Consulting, Inc.

2011 East Main Street, Rochester, New York 14609
Phone: (585) 654-9080 Fax: (585) 654-9662
www.LozierEnv.com
ELAP #11770

Client: Wood E&IS
511 Congress Street, Suite 200
Portland, Maine 04101

Attn: Nate Vogan

Project Site: SLGC - Wood PN: 3611191237.3

Laboratory No.: 60766
Date Received: 9/18/19
Report Date: 9/24/19
Analysis Date: 9/19/19
Page: 3 of 3
TEM results in Following Pages
Chain of Custody in Following Pages

SAMPLE INFORMATION

Sample Date:	9/16/19	**Location:**	Interior	**Analyst:**	M. Ling
Sampler:	Client	**Type of Sample:**	Bulk Asbestos	**Number of Samples:**	21

ASBESTOS BULK LABORATORY REPORT

HA Number	Lab ID	Sampling Location	Description	PLM Asbestos Fibers (%)	PLM Total Asbestos (%)	NOTE	CLASS	PLM Non-Asbestos Fibers (%)	Matrix Material (%)	TEM Results Asbestos (%)
09-21	60766-21	W Wall N Side Window	White Window Glazing Compound	Not Analyzed Stop Positive See Sample 09-20	N/A		NF	N/A	N/A	N/A

Analysis Method: Polarized Light Microscopy (PLM) - Friable Material: EPA 600/M4-82-020, New York State ELAP Item 198.1 and NOB Material: ELAP Item 198.6.

Analytical results relate only to the sample received and analyzed.

Material Classification: F = Friable, NF = Non-Friable, NOB = Non-Friable Organically Bound.

***NAD*:** No Asbestos detected by TEM analysis

N/A: Not applicable; TEM analysis not required

***Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings & similar non-friable organically bound materials (NOB) and ceiling tiles that contain cellulose fibers. Quantitative Transmission Electron Microscopy (TEM) is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

Analyst: S. Johnston - NIKON Optiphot 2 PLM(136048)
Analyst: J. Cravotta - Meiji PLM (MT9920)
Analyst: M. Ling - NIKON Optiphot 2 PLM(139570)

Approved By:_____
J. DeNike Laboratory Director

eurofins | Environment Testing TestAmerica

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-159269-1
Client Project/Site: Saranac Lake Gas Co. #516008

For:
New York State D.E.C.
625 Broadway
Division of Environmental Remediation
Albany, New York 12233-7014

Attn: Sarah Saucier

Joseph V. Giacomazza

Authorized for release by:
10/9/2019 2:00:22 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

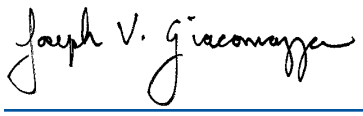
Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
10/9/2019 2:00:22 PM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Lab Chronicle 8
Certification Summary 9
Method Summary 10
Sample Summary 11
Receipt Checklists 12
Chain of Custody 13

Definitions/Glossary

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-159269-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-159269-1

Comments
No additional comments.

Receipt
The samples were received on 9/17/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

Receipt Exceptions
Insufficient sample volume was provided for the following sample : TCLP- SLGC- 01 (480-159269-6). The analyst indicated that the sample container did not contain sample,

The following sample was activated for total lead analysis by the client on 9/19/19: TCLP- SLGC- 01 (480-159269-6). This analysis was not originally requested on the chain-of-custody (COC). The original request was for TCLP Lead, but there was insufficient sample for TCLP.

The moisture determination was cancelled on these samples due to insufficient sample. Only limited volume had been received. Samples are reported on an as-received basis.
PCB - SLGC- 01 (480-159269-1), PCB - SLGC- 02 (480-159269-2), PB - SLGC- 01 (480-159269-3), PB - SLGC- 02 (480-159269-4) and PB - SLGC- 03 (480-159269-5)

GC Semi VOA
Method(s) 8082A: All primary data for analytical batch 493824 is reported from the ZB-35 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8082A: The continuing calibration verification (CCV 480-493824/7) associated with analytical batch 480-493824 recovered above the upper control limit for PCB-1262. The samples associated with this CCV were non-detect for this analyte; therefore, the data have been reported. The following samples are impacted: PCB - SLGC- 01 (480-159269-1) and PCB - SLGC- 02 (480-159269-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 3050B: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PB - SLGC- 02 (480-159269-4) and PB - SLGC- 03 (480-159269-5). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 6010C: The following samples were diluted due to the presence of Total Aluminum which interferes with Lead: PB - SLGC- 01 (480-159269-3) and PB - SLGC- 02 (480-159269-4). Elevated reporting limits (RLs) are provided.

Method(s) 6010C: The following sample was diluted due to the presence of Total Aluminum which interferes with Lead: TCLP- SLGC- 01 (480-159269-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Client Sample ID: PCB - SLGC- 01
Lab Sample ID: 480-159269-1
Date Collected: 09/16/19 11:00
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.039	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1221	ND		0.20	0.039	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1232	ND		0.20	0.039	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1242	ND		0.20	0.039	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1248	ND		0.20	0.039	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1254	ND		0.20	0.093	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1260	ND		0.20	0.093	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1262	ND		0.20	0.093	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
PCB-1268	ND		0.20	0.093	mg/Kg		09/21/19 11:38	09/24/19 22:57	1
Polychlorinated biphenyls, Total	ND		0.20	0.093	mg/Kg		09/21/19 11:38	09/24/19 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*09/21/19 11:38*	*09/24/19 22:57*	*1*
Tetrachloro-m-xylene	*79*		*60 - 154*	*09/21/19 11:38*	*09/24/19 22:57*	*1*
DCB Decachlorobiphenyl	*78*		*65 - 174*	*09/21/19 11:38*	*09/24/19 22:57*	*1*
DCB Decachlorobiphenyl	*72*		*65 - 174*	*09/21/19 11:38*	*09/24/19 22:57*	*1*

Client Sample ID: PCB - SLGC- 02
Lab Sample ID: 480-159269-2
Date Collected: 09/16/19 11:00
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1221	ND		0.24	0.047	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1232	ND		0.24	0.047	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1242	ND		0.24	0.047	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1248	ND		0.24	0.047	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1254	ND		0.24	0.11	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1260	ND		0.24	0.11	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1262	ND		0.24	0.11	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
PCB-1268	ND		0.24	0.11	mg/Kg		09/21/19 11:38	09/24/19 23:09	1
Polychlorinated biphenyls, Total	ND		0.24	0.11	mg/Kg		09/21/19 11:38	09/24/19 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*60 - 154*	*09/21/19 11:38*	*09/24/19 23:09*	*1*
Tetrachloro-m-xylene	*83*		*60 - 154*	*09/21/19 11:38*	*09/24/19 23:09*	*1*
DCB Decachlorobiphenyl	*79*		*65 - 174*	*09/21/19 11:38*	*09/24/19 23:09*	*1*
DCB Decachlorobiphenyl	*75*		*65 - 174*	*09/21/19 11:38*	*09/24/19 23:09*	*1*

Client Sample ID: PB - SLGC- 01
Lab Sample ID: 480-159269-3
Date Collected: 09/16/19 10:45
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11100		5.1	1.2	mg/Kg		09/20/19 10:41	09/30/19 10:08	5

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Client Sample ID: PB - SLGC- 02
Lab Sample ID: 480-159269-4
Date Collected: 09/16/19 10:50
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9270		6.1	1.5	mg/Kg		09/20/19 10:41	09/30/19 10:04	5

Client Sample ID: PB - SLGC- 03
Lab Sample ID: 480-159269-5
Date Collected: 09/16/19 10:55
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	871		4.2	1.0	mg/Kg		09/20/19 10:41	09/24/19 02:53	1

Client Sample ID: TCLP- SLGC- 01
Lab Sample ID: 480-159269-6
Date Collected: 09/16/19 11:30
Matrix: Solid
Date Received: 09/17/19 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5130		4.8	1.1	mg/Kg		09/23/19 05:20	09/30/19 18:39	5

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Client Sample ID: PCB - SLGC- 01
Lab Sample ID: 480-159269-1
Date Collected: 09/16/19 11:00
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			493352	09/21/19 11:38	SGD	TAL BUF
Total/NA	Analysis	8082A		1	493824	09/24/19 22:57	W1T	TAL BUF

Client Sample ID: PCB - SLGC- 02
Lab Sample ID: 480-159269-2
Date Collected: 09/16/19 11:00
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			493352	09/21/19 11:38	SGD	TAL BUF
Total/NA	Analysis	8082A		1	493824	09/24/19 23:09	W1T	TAL BUF

Client Sample ID: PB - SLGC- 01
Lab Sample ID: 480-159269-3
Date Collected: 09/16/19 10:45
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			493167	09/20/19 10:41	EMB	TAL BUF
Total/NA	Analysis	6010C		5	494982	09/30/19 10:08	AMH	TAL BUF

Client Sample ID: PB - SLGC- 02
Lab Sample ID: 480-159269-4
Date Collected: 09/16/19 10:50
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			493167	09/20/19 10:41	EMB	TAL BUF
Total/NA	Analysis	6010C		5	494982	09/30/19 10:04	AMH	TAL BUF

Client Sample ID: PB - SLGC- 03
Lab Sample ID: 480-159269-5
Date Collected: 09/16/19 10:55
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			493167	09/20/19 10:41	EMB	TAL BUF
Total/NA	Analysis	6010C		1	493650	09/24/19 02:53	LMH	TAL BUF

Client Sample ID: TCLP- SLGC- 01
Lab Sample ID: 480-159269-6
Date Collected: 09/16/19 11:30
Matrix: Solid
Date Received: 09/17/19 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			493347	09/23/19 05:20	KMP	TAL BUF
Total/NA	Analysis	6010C		5	495103	09/30/19 18:39	LMH	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte

Method Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-159269-1

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Job ID: 480-159269-1
Project/Site: Saranac Lake Gas Co. #516008

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-159269-1	PCB - SLGC- 01	Solid	09/16/19 11:00	09/17/19 08:00	
480-159269-2	PCB - SLGC- 02	Solid	09/16/19 11:00	09/17/19 08:00	
480-159269-3	PB - SLGC- 01	Solid	09/16/19 10:45	09/17/19 08:00	
480-159269-4	PB - SLGC- 02	Solid	09/16/19 10:50	09/17/19 08:00	
480-159269-5	PB - SLGC- 03	Solid	09/16/19 10:55	09/17/19 08:00	
480-159269-6	TCLP- SLGC- 01	Solid	09/16/19 11:30	09/17/19 08:00	

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-159269-1

Login Number: 159269

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Manhardt, Kara M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Wood
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Albany #224

Chain of Custody Record 159269

eurofins | Environment Testing TestAmerica

Client Information	Sampler: Alex Klein	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-135389-30469.1
Client Contact: Nathan Vogan	Phone: 518-384-5938	E-Mail: judy.stone@testamericainc.com		Page: Page 1 of 1
Company: Wood E&I Solutions Inc				Job #:
Address: 511 Congress Street	Due Date Requested:			
City: Portland	TAT Requested (days): Standard			
State, Zip: ME, 04112				
Phone: 518-402-9662(Tel)	PO #: CallOut 137244			
Email: nathan.vogan@woodplc.com	WO #:			
Project Name: Saranac Lake Gas Co. #516008 - Solids	Project #: 48020913			
Site:	SSOW#:			

Analysis Requested

480-159269 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010C - Lead	6010C - TCLP Lead	8082A - PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
PCB-SLGL-01	9/16/19	1160	G	Solid	N	N			X		
PCB-SLGL-02	9/16/19	1100	G	Solid	N	N			X		
PB-SLGL-01	9/16/19	1045	G	Solid	N	N	X				
PB-SLGL-02	9/16/19	1050	G	Solid	N	N	X				
PB-SLGL-03	9/16/19	1055	G	Solid	N	N	X				
TCLP-SLGL-01	9/16/19	1130	G	Solid				X			
				Solid							

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9/16/19 15:26		Karl Fischer	9/16/19 1526	ETA
Relinquished by: Karl Fischer	Date/Time: 9/16/19	Company ETA	Received by: Cwallace	Date/Time: 9/17/19 0800	Company TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		#1 3.2

Ver: 01/16/2019

ATTACHMENT 4

PERSONNEL, LABORATORY, AND COMPANY CERTIFICATIONS

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S

ALEXANDER J KLEIN
CLASS(EXPIRES)
C ATEC(05/20) D INSP(05/20)
H PM (05/20)

CERT# 15-01670
DMV# 992582720

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State – Department of Labor
Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Wood Environment & Infrastructure Solutions, Inc.
Ste 300
1105 Lakewood Parkway

Alpharetta, GA 30001

FILE NUMBER: 12-68869
LICENSE NUMBER: 68869
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 07/23/2019
EXPIRATION DATE: 07/31/2020

Duly Authorized Representative – Kendall H Sherrill:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko, Director
For the Commissioner of Labor

SH 432 (8/12)

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. JEANNE K. DENIKE
LOZIER ENVIRONMENTAL CONSULTING, INC
2011 EAST MAIN STREET
ROCHESTER, NY 14609

NY Lab Id No: 11770

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)

NEW YORK state department of HEALTH

Serial No.: 57969

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2019
Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. JEANNE K. DENIKE
LOZIER ENVIRONMENTAL CONSULTING, INC
2011 EAST MAIN STREET
ROCHESTER, NY 14609

NY Lab Id No: 11770

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous

Fibers	NIOSH 7400 A RULES

NEW YORK
state department of
HEALTH

Serial No.: 57970

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Dissolved Gases	
Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175
Fuel Additives	
Methyl tert-butyl ether	EPA 524.2
Naphthalene	EPA 524.2
Metals I	
Arsenic, Total	EPA 200.8 Rev. 5.4
Barium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Cadmium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Chromium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Copper, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Iron, Total	EPA 200.7 Rev. 4.4
Lead, Total	EPA 200.8 Rev. 5.4
Manganese, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Mercury, Total	EPA 245.1 Rev. 3.0
Selenium, Total	EPA 200.8 Rev. 5.4
Silver, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Zinc, Total	EPA 200.7 Rev. 4.4
Metals I	
Zinc, Total	EPA 200.8 Rev. 5.4
Metals II	
Aluminum, Total	EPA 200.7 Rev. 4.4
Antimony, Total	EPA 200.8 Rev. 5.4
Beryllium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Molybdenum, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Nickel, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Thallium, Total	EPA 200.8 Rev. 5.4
Vanadium, Total	EPA 200.7 Rev. 4.4
	EPA 200.8 Rev. 5.4
Metals III	
Boron, Total	EPA 200.7 Rev. 4.4
Calcium, Total	EPA 200.7 Rev. 4.4
Magnesium, Total	EPA 200.7 Rev. 4.4
Potassium, Total	EPA 200.7 Rev. 4.4
Sodium, Total	EPA 200.7 Rev. 4.4
Microextractables	
1,2-Dibromo-3-chloropropane, Low Level	EPA 504.1
1,2-Dibromoethane, Low Level	EPA 504.1
Miscellaneous	
Endothall	EPA 548.1

Serial No.: 60527

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Miscellaneous	
Methyl iodide	EPA 524.2
Organic Carbon, Dissolved	SM 21-23 5310C (-00)
Organic Carbon, Total	SM 21-23 5310C (-00)
Non-Metals	
Alkalinity	EPA 310.2
	SM 21-23 2320B (-97)
Calcium Hardness	EPA 200.7 Rev. 4.4
	SM 18-22 2340B (-97)
Chloride	EPA 300.0 Rev. 2.1
	SM 21-23 4110B (-00)
	SM 21-22 4500-Cl- E (-97)
Color	SM 21-23 2120B (-01)
Fluoride, Total	EPA 300.0 Rev. 2.1
	SM 21-23 4110B (-00)
	SM 21-23 4500-F C (-97)
Nitrate (as N)	EPA 353.2 Rev. 2.0
Nitrite (as N)	EPA 353.2 Rev. 2.0
Orthophosphate (as P)	SM 19, 21-23 4500-P E (-99)
Solids, Total Dissolved	SM 21-23 2540C (-97)
Specific Conductance	EPA 120.1 Rev. 1982
Sulfate (as SO4)	ASTM D516-07, 11, 16
	EPA 300.0 Rev. 2.1
	SM 21-23 4110B (-00)
Trihalomethanes	
Bromodichloromethane	EPA 524.2

Trihalomethanes	
Bromoform	EPA 524.2
Chloroform	EPA 524.2
Dibromochloromethane	EPA 524.2
Total Trihalomethanes	EPA 524.2
Volatile Aromatics	
1,2,3-Trichlorobenzene	EPA 524.2
1,2,4-Trichlorobenzene	EPA 524.2
1,2,4-Trimethylbenzene	EPA 524.2
1,2-Dichlorobenzene	EPA 524.2
1,3,5-Trimethylbenzene	EPA 524.2
1,3-Dichlorobenzene	EPA 524.2
1,4-Dichlorobenzene	EPA 524.2
2-Chlorotoluene	EPA 524.2
4-Chlorotoluene	EPA 524.2
Benzene	EPA 524.2
Bromobenzene	EPA 524.2
Chlorobenzene	EPA 524.2
Ethyl benzene	EPA 524.2
Hexachlorobutadiene	EPA 524.2
Isopropylbenzene	EPA 524.2
n-Butylbenzene	EPA 524.2
n-Propylbenzene	EPA 524.2
p-Isopropyltoluene (P-Cymene)	EPA 524.2
sec-Butylbenzene	EPA 524.2
Styrene	EPA 524.2

Serial No.: 60527

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics

tert-Butylbenzene	EPA 524.2
Toluene	EPA 524.2
Total Xylenes	EPA 524.2

Volatile Halocarbons

1,1,1,2-Tetrachloroethane	EPA 524.2
1,1,1-Trichloroethane	EPA 524.2
1,1,2,2-Tetrachloroethane	EPA 524.2
1,1,2-Trichloroethane	EPA 524.2
1,1-Dichloroethane	EPA 524.2
1,1-Dichloroethene	EPA 524.2
1,1-Dichloropropene	EPA 524.2
1,2,3-Trichloropropane	EPA 524.2
1,2-Dichloroethane	EPA 524.2
1,2-Dichloropropane	EPA 524.2
1,3-Dichloropropane	EPA 524.2
2,2-Dichloropropane	EPA 524.2
Bromochloromethane	EPA 524.2
Bromomethane	EPA 524.2
Carbon tetrachloride	EPA 524.2
Chloroethane	EPA 524.2
Chloromethane	EPA 524.2
cis-1,2-Dichloroethene	EPA 524.2
cis-1,3-Dichloropropene	EPA 524.2
Dibromomethane	EPA 524.2
Dichlorodifluoromethane	EPA 524.2

Volatile Halocarbons

Methylene chloride	EPA 524.2
Tetrachloroethene	EPA 524.2
trans-1,2-Dichloroethene	EPA 524.2
trans-1,3-Dichloropropene	EPA 524.2
Trichloroethene	EPA 524.2
Trichlorofluoromethane	EPA 524.2
Vinyl chloride	EPA 524.2

Serial No.: 60527

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Acrylates	
Acrolein (Propenal)	EPA 8260C
	EPA 624.1
Acrylonitrile	EPA 8260C
	EPA 624.1
Ethyl methacrylate	EPA 8260C
Methyl acrylonitrile	EPA 8260C
Methyl methacrylate	EPA 8260C
Amines	
1,2-Diphenylhydrazine	EPA 625.1
	EPA 8270D
1,4-Phenylenediamine	EPA 8270D
1-Naphthylamine	EPA 8270D
2-Naphthylamine	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
5-Nitro-o-toluidine	EPA 8270D
Aniline	EPA 625.1
	EPA 8270D
Carbazole	EPA 625.1
	EPA 8270D
Diphenylamine	EPA 8270D
Methapyrilene	EPA 8270D
Pronamide	EPA 8270D

Amines	
Propionitrile	EPA 8260C
Pyridine	EPA 625.1
	EPA 8270D
Benzidines	
3,3'-Dichlorobenzidine	EPA 625.1
	EPA 8270D
3,3'-Dimethylbenzidine	EPA 8270D
Benzidine	EPA 625.1
	EPA 8270D
Chlorinated Hydrocarbon Pesticides	
4,4'-DDD	EPA 8081B
	EPA 608.3
4,4'-DDE	EPA 8081B
	EPA 608.3
4,4'-DDT	EPA 8081B
	EPA 608.3
Aldrin	EPA 8081B
	EPA 608.3
alpha-BHC	EPA 8081B
	EPA 608.3
alpha-Chlordane	EPA 8081B
beta-BHC	EPA 8081B
	EPA 608.3
Chlordane Total	EPA 8081B
	EPA 608.3

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Chlorinated Hydrocarbon Pesticides

Chlorobenzilate	EPA 8270D
delta-BHC	EPA 8081B
	EPA 608.3
Diallate	EPA 8270D
Dieldrin	EPA 8081B
	EPA 608.3
Endosulfan I	EPA 8081B
	EPA 608.3
Endosulfan II	EPA 8081B
	EPA 608.3
Endosulfan sulfate	EPA 8081B
	EPA 608.3
Endrin	EPA 8081B
	EPA 608.3
Endrin aldehyde	EPA 8081B
	EPA 608.3
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
	EPA 608.3
Heptachlor epoxide	EPA 8081B
	EPA 608.3
Isodrin	EPA 8270D
Kepone	EPA 8270D
Lindane	EPA 8081B
	EPA 608.3

Chlorinated Hydrocarbon Pesticides

Methoxychlor	EPA 8081B
	EPA 608.3
Mirex	EPA 8081B
PCNB	EPA 8270D
Toxaphene	EPA 8081B
	EPA 608.3

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 625.1
	EPA 8270D
2-Chloronaphthalene	EPA 625.1
	EPA 8270D
Hexachlorobenzene	EPA 625.1
	EPA 8270D
Hexachlorobutadiene	EPA 625.1
	EPA 8270D
Hexachlorocyclopentadiene	EPA 625.1
	EPA 8270D
Hexachloroethane	EPA 625.1
	EPA 8270D
Hexachloropropene	EPA 8270D
Pentachlorobenzene	EPA 8270D

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Chlorophenoxy Acid Pesticides

2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dalapon	EPA 8151A
Dichloroprop	EPA 8151A
Dinoseb	EPA 8151A
	EPA 8270D
Pentachlorophenol	EPA 8151A

Demand

Biochemical Oxygen Demand	SM 5210B-2011
Carbonaceous BOD	SM 5210B-2011
Chemical Oxygen Demand	EPA 410.4, Rev. 2.0 (1993)

Dissolved Gases

Ethane	RSK-175
Ethene (Ethylene)	RSK-175
Methane	RSK-175

Fuel Oxygenates

Di-isopropyl ether	EPA 8260C
Ethanol	EPA 8015D
Methyl tert-butyl ether	EPA 8260C
	EPA 624.1
tert-amyl methyl ether (TAME)	EPA 8260C
tert-butyl alcohol	EPA 8260C
	EPA 8015D
tert-butyl ethyl ether (ETBE)	EPA 8260C

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 625.1
	EPA 8270D
4-Bromophenylphenyl ether	EPA 625.1
	EPA 8270D
4-Chlorophenylphenyl ether	EPA 625.1
	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 625.1
	EPA 8270D
Bis(2-chloroethyl)ether	EPA 625.1
	EPA 8270D

Low Level Halocarbons

1,2-Dibromo-3-chloropropane, Low Level	EPA 8011
1,2-Dibromoethane, Low Level	EPA 8011

Metals I

Barium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Cadmium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Metals I

Cadmium, Total	EPA 200.8, Rev. 5.4 (1994)
Calcium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Copper, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Iron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Lead, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Magnesium, Total	EPA 200.7, Rev. 4.4 (1994)

Metals I

Magnesium, Total	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Nickel, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Potassium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Silver, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Sodium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Metals I

Strontium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)

Metals II

Aluminum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Antimony, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Arsenic, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Beryllium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Metals II

Beryllium, Total	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Chromium VI	EPA 7196A
	SM 3500-Cr B-2011
Mercury, Total	EPA 245.1, Rev. 3.0 (1994)
	EPA 7470A
Selenium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Vanadium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Zinc, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Metals III

Cobalt, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Molybdenum, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Thallium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
	EPA 6020A
	EPA 6020B
	EPA 200.8, Rev. 5.4 (1994)
Tin, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Titanium, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D

Mineral

Alkalinity	EPA 310.2 (Rev. 1974)
	SM 2320B-2011
Calcium Hardness	EPA 200.7, Rev. 4.4 (1994)
Chloride	EPA 300.0, Rev. 2.1 (1993)
	SM 4110B-2011
	EPA 9056A
Fluoride, Total	EPA 300.0, Rev. 2.1 (1993)
	SM 4110B-2011
	SM 4500-F C-2011
	EPA 9056A
Hardness, Total	SM 2340C-2011
	SM 2340B-2011
Sulfate (as SO4)	ASTM D516-11
	EPA 300.0, Rev. 2.1 (1993)
	SM 4110B-2011
	EPA 9056A

Miscellaneous

Boron, Total	EPA 200.7, Rev. 4.4 (1994)
	EPA 6010C
	EPA 6010D
Bromide	EPA 300.0, Rev. 2.1 (1993)
	SM 4110B-2011
	EPA 9056A
Color	SM 2120B-2011
Cyanide, Total	LACHAT QuikChem 10-204-00-

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Miscellaneous

Cyanide, Total	EPA 335.4, Rev. 1.0 (1993)
	EPA 9012B
non-Polar Extractable Material (TPH)	EPA 1664A
	EPA 1664B
Oil and Grease Total Recoverable (HEM)	EPA 1664B
Organic Carbon, Total	SM 5310C-2011
	EPA 9060A
Phenols	EPA 420.1 (Rev. 1978)
	EPA 420.4, Rev. 1.0 (1993)
	EPA 9065
	EPA 9066
Specific Conductance	EPA 120.1 (Rev. 1982)
	SM 2510B-2011
	EPA 9050A
Sulfide (as S)	SM 4500-S2- F-2011
Surfactant (MBAS)	SM 5540C-2011
Turbidity	EPA 180.1, Rev. 2.0 (1993)

Nitroaromatics and Isophorone

1,3,5-Trinitrobenzene	EPA 8270D
1,3-Dinitrobenzene	EPA 8270D
1,4-Naphthoquinone	EPA 8270D
2,4-Dinitrotoluene	EPA 625.1
	EPA 8270D
2,6-Dinitrotoluene	EPA 625.1
	EPA 8270D

Nitroaromatics and Isophorone

Isophorone	EPA 625.1
	EPA 8270D
Nitrobenzene	EPA 625.1
	EPA 8270D

Nitrosoamines

N-Nitrosodiethylamine	EPA 8270D
N-Nitrosodimethylamine	EPA 625.1
	EPA 8270D
N-Nitrosodi-n-butylamine	EPA 8270D
N-Nitrosodi-n-propylamine	EPA 625.1
	EPA 8270D
N-Nitrosodiphenylamine	EPA 625.1
	EPA 8270D
N-nitrosomethylethylamine	EPA 8270D
N-nitrosomorpholine	EPA 8270D
N-nitrosopiperidine	EPA 8270D
N-Nitrosopyrrolidine	EPA 8270D

Nutrient

Ammonia (as N)	EPA 350.1, Rev. 2.0 (1993)
Kjeldahl Nitrogen, Total	EPA 351.2, Rev. 2.0 (1993)
Nitrate (as N)	EPA 353.2, Rev. 2.0 (1993)
	EPA 300.0, Rev. 2.1 (1993)
	SM 4110B-2011
	SM 4500-NO3 F-2011
	EPA 9056A

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Nutrient	
Nitrate-Nitrite (as N)	EPA 353.2, Rev. 2.0 (1993)
Nitrite (as N)	EPA 353.2, Rev. 2.0 (1993)
	SM 4500-NO3 F-2011
Orthophosphate (as P)	SM 4500-P E-2011
Phosphorus, Total	SM 4500-P E-2011
Organophosphate Pesticides	
Atrazine	EPA 8270D
Dimethoate	EPA 8270D
Disulfoton	EPA 8270D
Famphur	EPA 8270D
Parathion ethyl	EPA 8270D
Parathion methyl	EPA 8270D
Phorate	EPA 8270D
Simazine	EPA 8270D
Thionazin	EPA 8270D
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D
Phthalate Esters	
Benzyl butyl phthalate	EPA 625.1
	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 625.1
	EPA 8270D
Diethyl phthalate	EPA 625.1
Phthalate Esters	
Diethyl phthalate	EPA 8270D
Dimethyl phthalate	EPA 625.1
	EPA 8270D
Di-n-butyl phthalate	EPA 625.1
	EPA 8270D
Di-n-octyl phthalate	EPA 625.1
	EPA 8270D
Polychlorinated Biphenyls	
Aroclor 1016 (PCB-1016)	EPA 8082A
	EPA 608.3
Aroclor 1221 (PCB-1221)	EPA 8082A
	EPA 608.3
Aroclor 1232 (PCB-1232)	EPA 8082A
	EPA 608.3
Aroclor 1242 (PCB-1242)	EPA 8082A
	EPA 608.3
Aroclor 1248 (PCB-1248)	EPA 8082A
	EPA 608.3
Aroclor 1254 (PCB-1254)	EPA 8082A
	EPA 608.3
Aroclor 1260 (PCB-1260)	EPA 8082A
	EPA 608.3
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Polynuclear Aromatics	
2-Acetylaminofluorene	EPA 8270D
3-Methylcholanthrene	EPA 8270D
7,12-Dimethylbenzyl (a) anthracene	EPA 8270D
Acenaphthene	EPA 625.1
	EPA 8270D
Acenaphthylene	EPA 625.1
	EPA 8270D
Anthracene	EPA 625.1
	EPA 8270D
Benzo(a)anthracene	EPA 625.1
	EPA 8270D
Benzo(a)pyrene	EPA 625.1
	EPA 8270D
Benzo(b)fluoranthene	EPA 625.1
	EPA 8270D
Benzo(g,h,i)perylene	EPA 625.1
	EPA 8270D
Benzo(k)fluoranthene	EPA 625.1
	EPA 8270D
Chrysene	EPA 625.1
	EPA 8270D
Dibenzo(a,h)anthracene	EPA 625.1
	EPA 8270D
Fluoranthene	EPA 625.1
	EPA 8270D
Fluorene	EPA 625.1

Polynuclear Aromatics	
Fluorene	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 625.1
	EPA 8270D
Naphthalene	EPA 625.1
	EPA 8270D
Phenanthrene	EPA 625.1
	EPA 8270D
Pyrene	EPA 625.1
	EPA 8270D
Priority Pollutant Phenols	
2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 625.1
	EPA 8270D
2,4,6-Trichlorophenol	EPA 625.1
	EPA 8270D
2,4-Dichlorophenol	EPA 625.1
	EPA 8270D
2,4-Dimethylphenol	EPA 625.1
	EPA 8270D
2,4-Dinitrophenol	EPA 625.1
	EPA 8270D
2,6-Dichlorophenol	EPA 8270D
2-Chlorophenol	EPA 625.1
	EPA 8270D
2-Methyl-4,6-dinitrophenol	EPA 625.1

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Priority Pollutant Phenols

2-Methyl-4,6-dinitrophenol	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 625.1
	EPA 8270D
3-Methylphenol	EPA 625.1
	EPA 8270D
4-Chloro-3-methylphenol	EPA 625.1
	EPA 8270D
4-Methylphenol	EPA 625.1
	EPA 8270D
4-Nitrophenol	EPA 625.1
	EPA 8270D
Cresols, Total	EPA 625.1
	EPA 8270D
Pentachlorophenol	EPA 625.1
	EPA 8270D
Phenol	EPA 625.1
	EPA 8270D

Residue

Settleable Solids	SM 2540 F-2011
Solids, Total	SM 2540 B-2011
Solids, Total Dissolved	SM 2540 C-2011
Solids, Total Suspended	SM 2540 D-2011

Semi-Volatile Organics

1,1'-Biphenyl	EPA 8270D

Semi-Volatile Organics

1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
4-Amino biphenyl	EPA 8270D
Acetophenone	EPA 625.1
	EPA 8270D
Benzaldehyde	EPA 8270D
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Caprolactam	EPA 8270D
Dibenzofuran	EPA 8270D
Ethyl methanesulfonate	EPA 8270D
Isosafrole	EPA 8270D
Methyl methanesulfonate	EPA 8270D
n-Decane	EPA 625.1
n-Octadecane	EPA 625.1
O,O,O-Triethyl phosphorothioate	EPA 8270D
p-Dimethylaminoazobenzene	EPA 8270D
Phenacetin	EPA 8270D
Safrole	EPA 8270D

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NELAP RECOGNIZED ACCREDITATION BODY

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Aromatics	
1,2-Dichlorobenzene	EPA 624.1
	EPA 524.2
1,3,5-Trimethylbenzene	EPA 8260C
1,3-Dichlorobenzene	EPA 8260C
	EPA 624.1
1,4-Dichlorobenzene	EPA 8260C
	EPA 624.1
2-Chlorotoluene	EPA 8260C
4-Chlorotoluene	EPA 8260C
Benzene	EPA 8260C
	EPA 624.1
	EPA 524.2
Bromobenzene	EPA 8260C
Chlorobenzene	EPA 8260C
	EPA 624.1
	EPA 524.2
Ethyl benzene	EPA 8260C
	EPA 624.1
Isopropylbenzene	EPA 8260C
	EPA 8021B
m/p-Xylenes	EPA 8260C
	EPA 624.1
Naphthalene, Volatile	EPA 8260C
n-Butylbenzene	EPA 8260C
	EPA 8021B
n-Propylbenzene	EPA 8260C

Volatile Aromatics	
n-Propylbenzene	EPA 8021B
o-Xylene	EPA 8260C
	EPA 624.1
p-Isopropyltoluene (P-Cymene)	EPA 8260C
	EPA 8021B
sec-Butylbenzene	EPA 8260C
	EPA 8021B
Styrene	EPA 8260C
	EPA 624.1
tert-Butylbenzene	EPA 8260C
	EPA 8021B
Toluene	EPA 8260C
	EPA 624.1
	EPA 524.2
Total Xylenes	EPA 8260C
	EPA 624.1
Volatile Chlorinated Organics	
Benzyl chloride	EPA 8260C
Epichlorohydrin	EPA 8260C
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260C
1,1,1-Trichloroethane	EPA 8260C
	EPA 624.1
1,1,2,2-Tetrachloroethane	EPA 8260C
	EPA 624.1

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
1,1,2-Trichloroethane	EPA 8260C
	EPA 624.1
1,1-Dichloroethane	EPA 8260C
	EPA 624.1
1,1-Dichloroethene	EPA 8260C
	EPA 624.1
1,1-Dichloropropene	EPA 8260C
1,2,3-Trichloropropane	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260C
1,2-Dibromoethane	EPA 8260C
1,2-Dichloroethane	EPA 8260C
	EPA 624.1
	EPA 524.2
1,2-Dichloropropane	EPA 8260C
	EPA 624.1
1,3-Dichloropropane	EPA 8260C
2,2-Dichloropropane	EPA 8260C
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
	EPA 624.1
3-Chloropropene (Allyl chloride)	EPA 8260C
Bromochloromethane	EPA 8260C
Bromodichloromethane	EPA 8260C
	EPA 624.1
Bromoform	EPA 8260C

Volatile Halocarbons

Bromoform	EPA 624.1
Bromomethane	EPA 8260C
	EPA 624.1
Carbon tetrachloride	EPA 8260C
	EPA 624.1
Chloroethane	EPA 8260C
	EPA 624.1
Chloroform	EPA 8260C
	EPA 624.1
	EPA 524.2
Chloromethane	EPA 8260C
	EPA 624.1
cis-1,2-Dichloroethene	EPA 8260C
	EPA 624.1
cis-1,3-Dichloropropene	EPA 8260C
	EPA 624.1
Dibromochloromethane	EPA 8260C
	EPA 624.1
Dibromomethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
	EPA 624.1
Hexachlorobutadiene, Volatile	EPA 8260C
Methyl iodide	EPA 8260C
Methylene chloride	EPA 8260C
	EPA 624.1
	EPA 524.2

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Volatile Halocarbons

Tetrachloroethene	EPA 8260C
	EPA 624.1
trans-1,2-Dichloroethene	EPA 8260C
	EPA 624.1
trans-1,3-Dichloropropene	EPA 8260C
	EPA 624.1
trans-1,4-Dichloro-2-butene	EPA 8260C
Trichloroethene	EPA 8260C
	EPA 624.1
Trichlorofluoromethane	EPA 8260C
	EPA 624.1
Vinyl chloride	EPA 8260C
	EPA 624.1

Volatiles Organics

1,4-Dioxane	EPA 8260C
	EPA 8260C SIM
	EPA 8270D
	EPA 8270D SIM
2-Butanone (Methylethyl ketone)	EPA 8260C
2-Hexanone	EPA 8260C
2-Nitropropane	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260C
	EPA 524.2
Acetone	EPA 8260C
	EPA 624.1

Volatiles Organics

Acetone	EPA 524.2
Acetonitrile	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Di-ethyl ether	EPA 8260C
Ethyl Acetate	EPA 8260C
Ethylene Glycol	EPA 8260C
	EPA 8015D
Isobutyl alcohol	EPA 8260C
	EPA 8015D
Isopropanol	EPA 8260C
Methanol	EPA 8015D
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
n-Butanol	EPA 8260C
o-Toluidine	EPA 8270D
Tetrahydrofuran	EPA 8260C
Vinyl acetate	EPA 8260C
	EPA 624.1

Sample Preparation Methods

SM 4500-P B(5)-2011
EPA 5030C
EPA 200.2
EPA 3015A
EPA 3010A

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:

Sample Preparation Methods

EPA 3005A
EPA 3510C
EPA 3020A

Serial No.: 60528

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Acrylates	
Acrolein (Propenal)	EPA 8260C
Acrylonitrile	EPA 8260C
Ethyl methacrylate	EPA 8260C
Methyl acrylonitrile	EPA 8260C
Methyl methacrylate	EPA 8260C
Amines	
1,2-Diphenylhydrazine	EPA 8270D
1,4-Phenylenediamine	EPA 8270D
1-Naphthylamine	EPA 8270D
2-Naphthylamine	EPA 8270D
2-Nitroaniline	EPA 8270D
3-Nitroaniline	EPA 8270D
4-Chloroaniline	EPA 8270D
4-Nitroaniline	EPA 8270D
5-Nitro-o-toluidine	EPA 8270D
Aniline	EPA 8270D
Carbazole	EPA 8270D
Diphenylamine	EPA 8270D
Methapyrilene	EPA 8270D
Pronamide	EPA 8270D
Benzidines	
3,3'-Dichlorobenzidine	EPA 8270D
3,3'-Dimethylbenzidine	EPA 8270D
Benzidine	EPA 8270D

Characteristic Testing	
Corrosivity	EPA 9040C
	EPA 9045D
Free Liquids	EPA 9095B
Ignitability	EPA 1010A
Synthetic Precipitation Leaching Proc.	EPA 1312
TCLP	EPA 1311
Chlorinated Hydrocarbon Pesticides	
2,4'-DDD (Mitotane)	EPA 8081B
4,4'-DDD	EPA 8081B
4,4'-DDE	EPA 8081B
4,4'-DDT	EPA 8081B
Aldrin	EPA 8081B
alpha-BHC	EPA 8081B
alpha-Chlordane	EPA 8081B
Atrazine	EPA 8270D
beta-BHC	EPA 8081B
Chlordane Total	EPA 8081B
Chlorobenzilate	EPA 8270D
delta-BHC	EPA 8081B
Diallate	EPA 8270D
Dieldrin	EPA 8081B
Endosulfan I	EPA 8081B
Endosulfan II	EPA 8081B
Endosulfan sulfate	EPA 8081B
Endrin	EPA 8081B

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NELAP RECOGNIZED
TNI
ACCREDITATION BODY

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Chlorinated Hydrocarbon Pesticides

Endrin aldehyde	EPA 8081B
Endrin Ketone	EPA 8081B
gamma-Chlordane	EPA 8081B
Heptachlor	EPA 8081B
Heptachlor epoxide	EPA 8081B
Kepone	EPA 8270D
Lindane	EPA 8081B
Methoxychlor	EPA 8081B
Mirex	EPA 8081B
Pentachloronitrobenzene	EPA 8270D
Toxaphene	EPA 8081B

Chlorinated Hydrocarbons

1,2,3-Trichlorobenzene	EPA 8260C
1,2,4,5-Tetrachlorobenzene	EPA 8270D
1,2,4-Trichlorobenzene	EPA 8270D
2-Chloronaphthalene	EPA 8270D
Hexachlorobenzene	EPA 8270D
Hexachlorobutadiene	EPA 8270D
Hexachlorocyclopentadiene	EPA 8270D
Hexachloroethane	EPA 8270D
Hexachlorophene	EPA 8270D
Hexachloropropene	EPA 8270D
Pentachlorobenzene	EPA 8270D

Chlorophenoxy Acid Pesticides

2,4,5-T	EPA 8151A

Chlorophenoxy Acid Pesticides

2,4,5-TP (Silvex)	EPA 8151A
2,4-D	EPA 8151A
Dalapon	EPA 8151A
Dichloroprop	EPA 8151A
Pentachlorophenol	EPA 8151A

Haloethers

2,2'-Oxybis(1-chloropropane)	EPA 8270D
4-Bromophenylphenyl ether	EPA 8270D
4-Chlorophenylphenyl ether	EPA 8270D
Bis(2-chloroethoxy)methane	EPA 8270D
Bis(2-chloroethyl)ether	EPA 8270D

Metals I

Barium, Total	EPA 6010C
	EPA 6010D
Cadmium, Total	EPA 6010C
	EPA 6010D
Calcium, Total	EPA 6010C
	EPA 6010D
Chromium, Total	EPA 6010C
	EPA 6010D
Copper, Total	EPA 6010C
	EPA 6010D
Iron, Total	EPA 6010C
	EPA 6010D
Lead, Total	EPA 6010C

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Metals I

Lead, Total	EPA 6010D
Magnesium, Total	EPA 6010C
	EPA 6010D
Manganese, Total	EPA 6010C
	EPA 6010D
Nickel, Total	EPA 6010C
	EPA 6010D
Potassium, Total	EPA 6010C
	EPA 6010D
Silver, Total	EPA 6010C
	EPA 6010D
Sodium, Total	EPA 6010C
	EPA 6010D
Strontium, Total	EPA 6010C
	EPA 6010D

Metals II

Aluminum, Total	EPA 6010C
	EPA 6010D
Antimony, Total	EPA 6010C
	EPA 6010D
Arsenic, Total	EPA 6010C
	EPA 6010D
Beryllium, Total	EPA 6010C
	EPA 6010D
Lithium, Total	EPA 6010C

Metals II

Lithium, Total	EPA 6010D
Mercury, Total	EPA 7471B
Selenium, Total	EPA 6010C
	EPA 6010D
Vanadium, Total	EPA 6010C
	EPA 6010D
Zinc, Total	EPA 6010C
	EPA 6010D

Metals III

Cobalt, Total	EPA 6010C
	EPA 6010D
Molybdenum, Total	EPA 6010C
	EPA 6010D
Thallium, Total	EPA 6010C
	EPA 6010D
Tin, Total	EPA 6010C
	EPA 6010D
Titanium, Total	EPA 6010C
	EPA 6010D

Minerals

Bromide	EPA 9056A
Chloride	EPA 9251
	EPA 9056A
Fluoride, Total	EPA 9056A
Sulfate (as SO4)	EPA 9038

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NELAP RECOGNIZED ACCREDITATION BODY

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Minerals	
Sulfate (as SO4)	EPA 9056A
Miscellaneous	
Boron, Total	EPA 6010C
	EPA 6010D
Cyanide, Total	EPA 9012B
Organic Carbon, Total	EPA 9060A
Phenols	EPA 9065
Specific Conductance	EPA 9050A
Nitroaromatics and Isophorone	
1,3,5-Trinitrobenzene	EPA 8270D
1,3-Dinitrobenzene	EPA 8270D
1,4-Dinitrobenzene	EPA 8270D
1,4-Naphthoquinone	EPA 8270D
2,4-Dinitrotoluene	EPA 8270D
2,6-Dinitrotoluene	EPA 8270D
4-Dimethylaminoazobenzene	EPA 8270D
Hydroquinone	EPA 8270D
Isophorone	EPA 8270D
Nitrobenzene	EPA 8270D
Pyridine	EPA 8270D
Nitrosoamines	
N-Nitrosodiethylamine	EPA 8270D
N-Nitrosodimethylamine	EPA 8270D
N-Nitrosodi-n-butylamine	EPA 8270D
Nitrosoamines	
N-Nitrosodi-n-propylamine	EPA 8270D
N-Nitrosodiphenylamine	EPA 8270D
N-nitrosomethylethylamine	EPA 8270D
N-nitrosomorpholine	EPA 8270D
N-nitrosopiperidine	EPA 8270D
N-Nitrosopyrrolidine	EPA 8270D
Nutrients	
Nitrate (as N)	EPA 9056A
Organophosphate Pesticides	
Dimethoate	EPA 8270D
Disulfoton	EPA 8270D
Famphur	EPA 8270D
Parathion ethyl	EPA 8270D
Parathion methyl	EPA 8270D
Phorate	EPA 8270D
Sulfotepp	EPA 8270D
Petroleum Hydrocarbons	
Diesel Range Organics	EPA 8015D
Gasoline Range Organics	EPA 8015D
Phthalate Esters	
Benzyl butyl phthalate	EPA 8270D
Bis(2-ethylhexyl) phthalate	EPA 8270D
Diethyl phthalate	EPA 8270D
Dimethyl phthalate	EPA 8270D

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Phthalate Esters	
Di-n-butyl phthalate	EPA 8270D
Di-n-octyl phthalate	EPA 8270D
Polychlorinated Biphenyls	
Aroclor 1016 (PCB-1016)	EPA 8082A
Aroclor 1016 (PCB-1016) in Oil	EPA 8082A
Aroclor 1221 (PCB-1221)	EPA 8082A
Aroclor 1221 (PCB-1221) in Oil	EPA 8082A
Aroclor 1232 (PCB-1232)	EPA 8082A
Aroclor 1232 (PCB-1232) in Oil	EPA 8082A
Aroclor 1242 (PCB-1242)	EPA 8082A
Aroclor 1242 (PCB-1242) in Oil	EPA 8082A
Aroclor 1248 (PCB-1248)	EPA 8082A
Aroclor 1248 (PCB-1248) in Oil	EPA 8082A
Aroclor 1254 (PCB-1254)	EPA 8082A
Aroclor 1254 (PCB-1254) in Oil	EPA 8082A
Aroclor 1260 (PCB-1260)	EPA 8082A
Aroclor 1260 (PCB-1260) in Oil	EPA 8082A
Aroclor 1262 (PCB-1262)	EPA 8082A
Aroclor 1262 (PCB-1262) in Oil	EPA 8082A
Aroclor 1268 (PCB-1268)	EPA 8082A
Aroclor 1268 (PCB-1268) in Oil	EPA 8082A
Polynuclear Aromatic Hydrocarbons	
3-Methylcholanthrene	EPA 8270D
7,12-Dimethylbenzyl (a) anthracene	EPA 8270D
Acenaphthene	EPA 8270D
Polynuclear Aromatic Hydrocarbons	
Acenaphthylene	EPA 8270D
Anthracene	EPA 8270D
Benzo(a)anthracene	EPA 8270D
Benzo(a)pyrene	EPA 8270D
Benzo(b)fluoranthene	EPA 8270D
Benzo(g,h,i)perylene	EPA 8270D
Benzo(k)fluoranthene	EPA 8270D
Chrysene	EPA 8270D
Dibenzo(a,e)pyrene	EPA 8270D
Dibenzo(a,h)anthracene	EPA 8270D
Fluoranthene	EPA 8270D
Fluorene	EPA 8270D
Indeno(1,2,3-cd)pyrene	EPA 8270D
Naphthalene	EPA 8270D
Phenanthrene	EPA 8270D
Pyrene	EPA 8270D
Priority Pollutant Phenols	
2,3,4,6 Tetrachlorophenol	EPA 8270D
2,4,5-Trichlorophenol	EPA 8270D
2,4,6-Trichlorophenol	EPA 8270D
2,4-Dichlorophenol	EPA 8270D
2,4-Dimethylphenol	EPA 8270D
2,4-Dinitrophenol	EPA 8270D
2,6-Dichlorophenol	EPA 8270D
2-Chlorophenol	EPA 8270D

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Priority Pollutant Phenols

2-Methyl-4,6-dinitrophenol	EPA 8270D
2-Methylphenol	EPA 8270D
2-Nitrophenol	EPA 8270D
3-Methylphenol	EPA 8270D
4-Chloro-3-methylphenol	EPA 8270D
4-Methylphenol	EPA 8270D
4-Nitrophenol	EPA 8270D
Pentachlorophenol	EPA 8270D
Phenol	EPA 8270D

Semi-Volatile Organics

1,1'-Biphenyl	EPA 8270D
1,2-Dichlorobenzene, Semi-volatile	EPA 8270D
1,3-Dichlorobenzene, Semi-volatile	EPA 8270D
1,4-Dichlorobenzene, Semi-volatile	EPA 8270D
2-Methylnaphthalene	EPA 8270D
4-Amino biphenyl	EPA 8270D
Acetophenone	EPA 8270D
Benzaldehyde	EPA 8270D
Benzoic Acid	EPA 8270D
Benzyl alcohol	EPA 8270D
Caprolactam	EPA 8270D
Dibenzofuran	EPA 8270D
Ethyl methanesulfonate	EPA 8270D
Isosafrole	EPA 8270D
Methyl methanesulfonate	EPA 8270D

Semi-Volatile Organics

O,O,O-Triethyl phosphorothioate	EPA 8270D
Phenacetin	EPA 8270D
Safrole	EPA 8270D

Volatile Aromatics

1,2,4-Trichlorobenzene, Volatile	EPA 8260C
1,2,4-Trimethylbenzene	EPA 8260C
1,2-Dichlorobenzene	EPA 8260C
1,3,5-Trimethylbenzene	EPA 8260C
1,3-Dichlorobenzene	EPA 8260C
1,4-Dichlorobenzene	EPA 8260C
2-Chlorotoluene	EPA 8260C
4-Chlorotoluene	EPA 8260C
Benzene	EPA 8260C
Bromobenzene	EPA 8260C
Chlorobenzene	EPA 8260C
Ethyl benzene	EPA 8260C
Isopropylbenzene	EPA 8260C
m/p-Xylenes	EPA 8260C
Naphthalene, Volatile	EPA 8260C
n-Butylbenzene	EPA 8260C
n-Propylbenzene	EPA 8260C
o-Xylene	EPA 8260C
p-Isopropyltoluene (P-Cymene)	EPA 8260C
sec-Butylbenzene	EPA 8260C
Styrene	EPA 8260C

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Volatile Aromatics	
tert-Butylbenzene	EPA 8260C
Toluene	EPA 8260C
Total Xylenes	EPA 8260C
Volatile Chlorinated Organics	
Benzyl chloride	EPA 8260C
Epichlorohydrin	EPA 8260C
Volatile Halocarbons	
1,1,1,2-Tetrachloroethane	EPA 8260C
1,1,1-Trichloroethane	EPA 8260C
1,1,2,2-Tetrachloroethane	EPA 8260C
1,1,2-Trichloro-1,2,2-Trifluoroethane	EPA 8260C
1,1,2-Trichloroethane	EPA 8260C
1,1-Dichloroethane	EPA 8260C
1,1-Dichloroethene	EPA 8260C
1,1-Dichloropropene	EPA 8260C
1,2,3-Trichloropropane	EPA 8260C
1,2-Dibromo-3-chloropropane	EPA 8260C
1,2-Dibromoethane	EPA 8260C
1,2-Dichloroethane	EPA 8260C
1,2-Dichloropropane	EPA 8260C
1,3-Dichloropropane	EPA 8260C
2,2-Dichloropropane	EPA 8260C
2-Chloro-1,3-butadiene (Chloroprene)	EPA 8260C
2-Chloroethylvinyl ether	EPA 8260C
3-Chloropropene (Allyl chloride)	EPA 8260C
Volatile Halocarbons	
Bromochloromethane	EPA 8260C
Bromodichloromethane	EPA 8260C
Bromoform	EPA 8260C
Bromomethane	EPA 8260C
Carbon tetrachloride	EPA 8260C
Chloroethane	EPA 8260C
Chloroform	EPA 8260C
Chloromethane	EPA 8260C
cis-1,2-Dichloroethene	EPA 8260C
cis-1,3-Dichloropropene	EPA 8260C
Dibromochloromethane	EPA 8260C
Dibromomethane	EPA 8260C
Dichlorodifluoromethane	EPA 8260C
Hexachlorobutadiene, Volatile	EPA 8260C
Methyl iodide	EPA 8260C
Methylene chloride	EPA 8260C
Tetrachloroethene	EPA 8260C
trans-1,2-Dichloroethene	EPA 8260C
trans-1,3-Dichloropropene	EPA 8260C
trans-1,4-Dichloro-2-butene	EPA 8260C
Trichloroethene	EPA 8260C
Trichlorofluoromethane	EPA 8260C
Vinyl chloride	EPA 8260C
Volatile Organics	
1,4-Dioxane	EPA 8260C

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference Standards (2003) for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved analytes are listed below:

Volatile Organics

1,4-Dioxane	EPA 8270D
2-Butanone (Methylethyl ketone)	EPA 8260C
2-Hexanone	EPA 8260C
2-Nitropropane	EPA 8260C
4-Methyl-2-Pentanone	EPA 8260C
Acetone	EPA 8260C
Acetonitrile	EPA 8260C
Carbon Disulfide	EPA 8260C
Cyclohexane	EPA 8260C
Di-ethyl ether	EPA 8260C
Ethyl Acetate	EPA 8260C
Ethylene Glycol	EPA 8015D
Isobutyl alcohol	EPA 8260C
	EPA 8015D
Isopropanol	EPA 8260C
Methyl acetate	EPA 8260C
Methyl cyclohexane	EPA 8260C
Methyl tert-butyl ether	EPA 8260C
n-Butanol	EPA 8260C
Propionitrile	EPA 8260C
tert-butyl alcohol	EPA 8015D
Vinyl acetate	EPA 8260C

Sample Preparation Methods

EPA 5035A-L
EPA 5035A-H

Sample Preparation Methods

EPA 3580A
EPA 3010A
EPA 3005A
EPA 3050B
EPA 3550C
EPA 3020A
EPA 3546

Serial No.: 60529

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2020
Issued April 01, 2019
Revised September 16, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. GARY RUDZ
TESTAMERICA INC. - BUFFALO
10 HAZELWOOD DRIVE
AMHERST, NY 14228

NY Lab Id No: 10026

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Lead in Paint	EPA 6010C
	EPA 6010D

Sample Preparation Methods

	EPA 3050B

Serial No.: 60530

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

APPENDIX F
DATA USABILITY SUMMARY REPORTS

CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

1.0 INTRODUCTION

Groundwater, pore water, seep, soil, paint chip, and building material samples were collected in September 2019 at the Saranac Lake Site (Site) in Saranac Lake, New York, and shipped to TestAmerica Buffalo Laboratory (TAL) located in Amherst, New York for analysis. Samples were analyzed by one or more of the following United States Environmental Protections Agency (USEPA) methods:

- Volatile Organic Compounds (VOCs) by Method 8260C
- Semivolatile Organic Compounds (SVOCs) by Method 8270D
- 1,4-Dioxane by Method 8270D-SIM
- Polychlorinated Biphenyls (PCBs) by Method 8082A
- Pesticides by Method 8081B
- Herbicides by Method 8151A
- Per- and Polyfluorinated Alkyl Substances (PFAS) by Method 537 (Modified)
- Total and Dissolved Metals (select list) by Methods 6010C/7470A
- Chlorine by Method 4500-ClG
- Reactive and Total Sulfide by Methods 9034/4500F
- Reactive and Total Cyanide by Methods 9012/9012B
- Total Organic Carbon (TOC) by Methods 5310D/Lloyd Kahn
- Oil and Grease by Method 1664
- Biochemical Oxygen Demand (BOD) by Method 5210B
- pH and Temperature by Method 9040C or 9045D
- Total Dissolved Solids (TDS) by Method 2540C
- Total Suspended Solids (TSS) by Method 2540D
- Percent Moisture and Percent Solids by Method 2216
- Flash Point by Method 1010
- Toxicity Characteristic Leaching Procedure (TCLP) VOCs, SVOCs, Pesticides, Herbicides, and Metals using leaching procedure Method 1311

Results were reported in the following sample delivery groups (SDGs):

- 480-159269-1
- 480-159540-1
- 480-159563-1
- 480-159588-1
- 480-160051-1
- 480-160062-1

Sample event information included in this chemistry review is presented in the following Tables:

- Table 1 – Summary of Samples and Analytical Methods

- Table 2 – Summary of Analytical Results
- Table 3 – Summary of Qualification Actions.

A summary of table notes applicable to Tables 1, 2, and 3 is presented just before Table 1.

Laboratory deliverables included:

- Category B deliverable as defined in the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocols (NYSDEC, 2005).

The Category A review included the following evaluations. Data review checklists are provided as Attachment A.

- Lab Report Narrative Review
- Data Package Completeness and COC records (Table 1 verification)
- Sample Preservation and Holding Times
- QC Blanks
- Laboratory Control Samples (LCS)
- Matrix Spike and Matrix Spike Duplicate (MS/MSD) (as applicable)
- Field Duplicates (as applicable)
- Surrogates (as applicable)
- Labeled Isotope Internal Standards (as applicable)
- Reporting Limits
- Electronic Data Qualification and Verification

The following laboratory data qualifiers or data review qualifiers are used in the final data presentation:

U = target analyte is not detected at or above the reporting limit
J = concentration is estimated
UJ = target analyte is not detected and value is estimated
J+ = concentration is estimated and potentially biased high

Results are interpreted to be usable as reported by the laboratory or as qualified in the following section.

2.0 POTENTIAL DATA LIMITATIONS

Based on the Category A Review the data meet the data quality objectives; however, the following potential limitations were identified:

<u>VOCs by 8260C</u>

The reporting limit for dichlorodifluoromethane was qualified estimated (UJ) based on a low percent recovery in the associated LCS/LCSD. The qualified result is included in Table 3 with reason code LCSL.

Reporting limits for all analytes in soil samples HA-J2C01, HA-H3D01, TPC3D03, TP-D3D04, and TP-D3D04D were qualified estimated (UJ) due to analysis outside of the 14 day hold time.

Reporting limits for all total VOC analytes in stockpile soil sample 516008-OU01 NORTH were qualified estimated (UJ) due to analysis outside of the 14 day hold time.

SVOCs by 8270D

Reporting limits for benzaldehyde and pentachlorophenol were qualified estimated (UJ) in sample 516008-OU01-WATER based on initial calibration relative standard deviation or coefficient of determination that exceeds project limits. Qualified results are included in Table 3 with reason code ICVRSD.

The reporting limit for caprolactam in sample 516008-OU01 WATER was qualified estimated (UJ) based on a low percent recovery in the associated LCS/LCSD. The qualified result is included in Table 3 with reason code LCSL.

The reporting limit for pyridine in samples 516008-OU01 CENTRAL SHALLOW and 516008-OU01 NORTH were qualified estimated (UJ) based on a low percent recovery in the associated LCS/LCSD. The qualified results are included in Table 3 with the reason code LCSL.

Pesticides by 8081B

Results for a subset of analytes in sample 516008-OU01 WATER were qualified estimated with a potential high bias (J+) due to a surrogate recovery that exceeded the upper project limit. The qualified results are included in Table 3 with reason code SSH.

PFAS by 537 (Modified)

Low level detections of perfluorohexanesulfonic acid (PFHxS) in samples 516008-MW108019, 516008-MW204023, 516008-MW205D025, and 516008-MW205D025D were qualified not detected (U) at the reporting limit based on contamination in the associated method blank. Qualified results are included in Table 3 with reason code BL1.

The low level concentration of perfluoroctanesulfonamide (FOSA) in sample 516008-MW205D025D was qualified not detected (U) at the reporting limit based on contamination in the associated method blank. Qualified results are included in Table 3 with reason code BL1.

Reporting limits for 6:2 fluorotelomer sulfonate (6:2 FTS) in samples 516008-MW205D025, 516008-MW205D025D, and 516008-TW702015 were qualified estimated (UJ) based on labeled isotope internal standard recoveries that exceed project limits. The qualified results are included in Table 3 with reason code ISH.

The reporting limit for 8:2 fluorotelomer sulfonate (8:2 FTS) in sample 516008-TW702015 was qualified estimated (UJ) based on labeled isotope internal standard

recovery that exceeds project limits. The qualified result is included in Table 3 with reason code ISH.

Chlorine by 4500-ClG

Results for chlorine in samples 516008-OU01 WATER and 516008-HYDRANT were qualified estimated (J) due to gross exceedance of the 15 minute hold time. The qualified results are included in Table 3 with reason code HTG.

Oil and Grease by 1664

The low level result for oil and grease in sample 516008-OU01 WATER was qualified not detected (U) based on contamination in the associated method blank. The qualified result is included in Table 3 with reason code BL1.

BOD by 5210B

The reporting limit for BOD in sample 516008-OU01 WATER was qualified estimated (UJ) due to analysis outside of the 48 hour hold time. The qualified result is included in Table 3 with reason code HT.

pH and Temperature by 9040C or 9045D

Results for pH and temperature in samples 516008-OU01 WATER, 516008-HYDRANT, 516008-OU01 WATER, and 516008-HYDRANT were qualified estimated (J) due to gross exceedance of the 15 minute hold time. The qualified results are included in Table 3 with reason code HTG.

TDS and TSS by 2540C and 2540D

Results for total dissolved solids and total suspended solids in sample 516008-HYDRANT were qualified estimated (J/UJ) due to exceedance of the 7 day hold time. The qualified results are included in Table 3 with reason code HT.

Miscellaneous

The following samples were analyzed at dilutions due to high concentrations of target analytes and/or appearance of sample matrix, affecting reporting limits for non-detect results. Elevated reporting limits were reported for:

VOCs – HA-H3D01 (2X)
TP-D3D04 (2X)
TP-D3D04D (4X)
TP-C3D03 (8X)
516008-OU01 CENTRAL SHALLOW (10X)
516008-OU01 NORTH (8X, 10X)
DP-B5A010 (2X)
DP-D10A010 (2X)
DP-E11D010 (2X)
DP-H10C010 (2X)

SVOCs – 516008-OU01 WATER (10X)
TP-C3D03 (20X)
516008-OU01 CENTRAL SHALLOW (10X)
516008-OU01 NORTH (5X)
DP-G12B010 (10X)
516008-MW204023 (5X)
516008-MW205D025 (5X)
516008-MW205D025D (5X)
516008-TW702015 (10X)

BOD – 516008-OU01 WATER (2X)

The sample extract for PFAS sample 516008-TW702015 was diluted (5X) prior to analysis due to a value for PFBA that exceeded the calibration range with unusual chromatography in the initial 1X dilution. PFBA in the 5X dilution eluted at an earlier retention time than anticipated, although within the acceptable retention time window defined by the SOP, and the peak for PFBA in the 5X dilution was more clearly resolved than in the 1X dilution. The 5X dilution was determined as the more reliable run by the analyst, and the reporting limit for PFBA in sample 516008-TW702015 was elevated to 140 ng/L.

The PFAS sample 516008-MW204023 clogged the solid phase micro extraction (SPME) column due to the presence of non-settleable particulate matter. The sample was spiked with isotope dilution analytes prior to extraction. Therefore, the difference in sample volume successfully extracted was accounted for and quantitation was based on the original sample volume. No qualification was necessary.

Due to limited sample volume, moisture determination was not performed for the following samples. These samples were paint chips and building materials, and results were reported on an as-received basis.

PB – SLGC – 01
PB – SLGC – 02
PB – SLGC – 03
PCB – SLGC – 01
PCB – SLGC – 02

Analysis for flash point by Method 1010 was performed for samples 516008-OU01 NORTH and 516008-OU01 CENTRAL SHALLOW instead of analysis for ignition/burn rate by Method 1030 that was requested on the COC.

PFAS labeled isotope internal standard, 13CPFBS, was not available to the lab at the time of analysis. Internal standard 18O2-PFHxS was used instead of the method-prescribed 13CPFBS to quantitate PFBS and PFPeS.

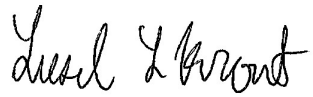
Due to laboratory error, raw data for pH and temperature by Method 9040C was not reported in the data package for sample 516008-OU01 WATER.

Sample identification (ID) errors were identified during review of the COCs versus laboratory reported IDs. Revised reports were requested from the laboratory. An email chain is provided in Attachment B as documentation of the sample ID corrections.

Reference:

NYSDEC, 2005. "Analytical Services Protocols"; July 2005.

Data Validator: Liesel Krout



Date: 12/06/2019

Reviewed by: Julie Ricardi

Date: 12/19/2019

Standard Table Notes:

Sample Type (QC Code)

FS – field sample

FD – field duplicate

TB – trip blank

EB – equipment blank

FB – field blank

Matrix

GW – ground water

BW – blank water

TW – tap water

SV – soil vapor

SED - sediment

Units

mg/L – milligrams per liter

ng/L – nanograms per liter

µg/L – micrograms per liter

mg/kg – milligrams per kilogram

µg/kg – micrograms per kilogram

µg/m^3 – micrograms per cubic meter

Qualifiers

U – not detected above quantitation limit

J – estimated quantity

J+ - estimated quantity, biased high

J- - estimated quantity, biased low

R – data unusable

Fraction

T – total

D – dissolved

N – normal

Qualification Reason Codes

BL1 – method blank qualifier

BL2 – field or trip blank qualifier

CCV – continuing calibration verification recovery outside limits

CCV%D – continuing calibration verification percent difference exceeds goal

CCVRRF – continuing calibration relative response factor low

CI – chromatographic interference present

DCPD – dual column percent difference exceeds limit

E – result exceeds calibration range

FD – field duplicate precision goal exceeded

FP – false positive interference

HT – holding time for prep or analysis exceeded

HTG – holding time for prep or analysis grossly exceeded

ICV – initial calibration verification recovery outside limit

ICVRRF – initial calibration verification relative response factor low

ICVRSD – initial calibration verification % relative standard deviation exceeds goal

ISH – internal standard response greater than limit

ISL – internal standard response less than limit

LCSH – laboratory control sample recovery high

LCSL – laboratory control sample recovery low

LCSRPD – laboratory control sample/duplicate relative % difference precision goal exceeded

LD – lab duplicate precision goal exceeded

MSH – matrix spike and/or MS duplicate recovery high

MSL – matrix spike and/or MS duplicate recovery low

MSRPD – matrix spike/duplicate relative % difference precision goal exceeded

N – analyte identification is not certain

PEM – performance evaluation mixture exceeds limit

PM – sample percent moisture exceeds EPA guideline

SD – serial dilution result exceeds percent difference limit

SP – sample preservation/collection does not meet method requirement

SSH – surrogate recovery high

SSL – surrogate recovery low

TD – dissolved concentration exceeds total

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	PCB	Metals
					Analysis Method	SW8082A	SW6010C
					Fraction	N	T
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param Count	Param Count
480-159269-1	Site Structure	PB - SLGC- 01	9/16/2019	PNT	FS		1
480-159269-1	Site Structure	PB - SLGC- 02	9/16/2019	PNT	FS		1
480-159269-1	Site Structure	PB - SLGC- 03	9/16/2019	PNT	FS		1
480-159269-1	Site Structure	PCB - SLGC- 01	9/16/2019	BLD	FS	10	
480-159269-1	Site Structure	PCB - SLGC- 02	9/16/2019	BLD	FS	10	
480-159269-1	Site Structure	TCLP- SLGC- 01	9/16/2019	PNT	FS		1

Notes:
PNT = paint chip
BLD = building material

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	SVOC	PCB	Pest	Oil-Grease
					Analysis Method	SW8260C	SW8270D	SW8082A	SW8081B	E1664
					Fraction	N	N	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count	Param_Count
480-159540-1	TP-H8A	516008-OU01 WATER	9/18/2019	SEEP	FS	51	65	10	21	1
480-159540-1	QC	TB-091819	9/18/2019	BW	TB	51				

Notes:
SEEP = seep

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	Metals	Metals	Mercury	Mercury	Chlorine
					Analysis Method	SW6010C	SW6010C	SW7470A	SW7470A	SM4500-ClG
					Fraction	T	D	T	D	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count	Param_Count
480-159540-1	TP-H8A	516008-OU01 WATER	9/18/2019	SEEP	FS	22	22	1	1	1
480-159540-1	QC	TB-091819	9/18/2019	BW	TB					

Notes:
SEEP = seep

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	IOC	IOC	IOC	IOC	TOC
					Analysis Method	SM2540C	SM2540D	SM5210B	SW9040C	SM5310D
					Fraction	D	N	N	N	T
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count	Param_Count
480-159540-1	TP-H8A	516008-OU01 WATER	9/18/2019	SEEP	FS	1	1	1	2	1
480-159540-1	QC	TB-091819	9/18/2019	BW	TB					

Notes:
SEEP = seep

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	SVOC	Moisture
					Analysis Method	SW8260C	SW8270D	D2216
					Fraction	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count
480-159563-1	HA-H3D	HA-H3D01	9/17/2019	SOIL	FS	7	16	2
480-159563-1	HA-J2C	HA-J2C01	9/17/2019	SOIL	FS	7	16	2
480-159563-1	QC	TB-091619	9/16/2019	BW	TB	7		
480-159563-1	TP-C3D	TP-C3D03	9/16/2019	SOIL	FS	7	16	2
480-159563-1	TP-D3D	TP-D3D04	9/16/2019	SOIL	FS	7	16	2
480-159563-1	TP-D3D	TP-D3D04D	9/16/2019	SOIL	FD	7	16	2

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	VOC	SVOC	SVOC
					Analysis Method	SW8260C	SW8260C	SW8270D	SW8270D
					Fraction	C	N	C	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-159588-1	OU01 CENTRAL DEEP	516008-OU01 CENTRAL DEEP	9/20/2019	SP	FS		7		16
480-159588-1	OU01 CENTRAL SHALLOW	516008-OU01 CENTRAL SHALLO\	9/20/2019	SP	FS	10	7	13	16
480-159588-1	OU01 NORTH	516008-OU01 NORTH	9/17/2019	SP	FS	10	7	13	16

Notes:
SP = stockpile soil

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	PCB	Pest	Herb	Metals
					Analysis Method	SW8082A	SW8081B	SW8151A	SW6010C
					Fraction	N	C	C	C
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-159588-1	OU01 CENTRAL DEEP	516008-OU01 CENTRAL DEEP	9/20/2019	SP	FS				
480-159588-1	OU01 CENTRAL SHALLOW	516008-OU01 CENTRAL SHALLO\	9/20/2019	SP	FS	10	7	2	7
480-159588-1	OU01 NORTH	516008-OU01 NORTH	9/17/2019	SP	FS	10	7	2	7

Notes:
SP = stockpile soil

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	Mercury	IOC	IOC	Moisture
					Analysis Method	SW7470A	A4500F	SW9045D	D2216
					Fraction	C	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-159588-1	OU01 CENTRAL DEEP	516008-OU01 CENTRAL DEEP	9/20/2019	SP	FS		1	2	2
480-159588-1	OU01 CENTRAL SHALLOW	516008-OU01 CENTRAL SHALLO\	9/20/2019	SP	FS	1	1	2	2
480-159588-1	OU01 NORTH	516008-OU01 NORTH	9/17/2019	SP	FS	1	1	2	2

Notes:
SP = stockpile soil

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	RCRA	RCRA	RCRA	TOC
					Analysis Method	SW1010	SW9012	SW9034	LYDKHN
					Fraction	N	N	N	T
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-159588-1	OU01 CENTRAL DEEP	516008-OU01 CENTRAL DEEP	9/20/2019	SP	FS				1
480-159588-1	OU01 CENTRAL SHALLOW	516008-OU01 CENTRAL SHALLO\	9/20/2019	SP	FS	1	1	1	1
480-159588-1	OU01 NORTH	516008-OU01 NORTH	9/17/2019	SP	FS	1	1	1	1

Notes:
SP = stockpile soil

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	SVOC	Cyanide	Moisture
					Analysis Method	SW8260C	SW8270D	SW9012B	D2216
					Fraction	N	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-160051-1	DP-B5A	DP-B5A010	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-D10A	DP-D10A010	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-E11D	DP-E11D010	9/25/2019	SOIL	FS	7	16		2
480-160051-1	DP-E11D	DP-E11D150	9/25/2019	SOIL	FS	7	16		2
480-160051-1	DP-E7D	DP-E7D120	9/23/2019	SOIL	FS			1	2
480-160051-1	DP-F9D	DP-F9D160	9/23/2019	SOIL	FS			1	2
480-160051-1	DP-G12B	DP-G12B010	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-G12B	DP-G12B170	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-G4A	DP-G4A110	9/24/2019	SOIL	FS	7	16		2
480-160051-1	DP-G5B	DP-G5B010	9/23/2019	SOIL	FS	7	16		2
480-160051-1	DP-G5B	DP-G5B110	9/24/2019	SOIL	FS	7	16		2
480-160051-1	DP-G7D	DP-G7D200	9/23/2019	SOIL	FS			1	2
480-160051-1	DP-G8D	DP-G8D060	9/23/2019	SOIL	FS			1	2
480-160051-1	DP-G8D	DP-G8D100	9/23/2019	SOIL	FS			1	2
480-160051-1	DP-H10C	DP-H10C010	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-H10C	DP-H10C230	9/26/2019	SOIL	FS	7	16		2
480-160051-1	DP-H6A	DP-H6A100	9/24/2019	SOIL	FS	7	16		2
480-160051-1	DP-I8A	DP-I8A010	9/23/2019	SOIL	FS	7	16		2
480-160051-1	QC	TB-092319	9/23/2019	BS	TB	7			
480-160051-1	TP-B3D	TP-B3D030	9/23/2019	SOIL	FS			1	2
480-160051-1	TW-702	TW-702070	9/25/2019	SOIL	FS			1	2
480-160051-1	TW-702	TW-702120	9/25/2019	SOIL	FS			1	2

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	PFAS	VOC	SVOC	SVOC	Chlorine
					Analysis Method	537 (Modified)	SW8260C	SW8270D	SW8270D-SIM	SM4500-ClG
					Fraction	N	N	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count	Param_Count
480-160062-1	HYDRANT	516008-HYDRANT	9/25/2019	TW	FS					1
480-160062-1	MW-108	516008-MW108019	9/26/2019	GW	FS	21	7	16	1	
480-160062-1	MW-204	516008-MW204023	9/26/2019	GW	FS	21	7	16	1	
480-160062-1	MW-205D	516008-MW205D025	9/26/2019	GW	FS	21	7	16	1	
480-160062-1	MW-205D	516008-MW205D025D	9/26/2019	GW	FD	21	7	16	1	
480-160062-1	PP-701	PP-701	9/25/2019	PW	FS		1			
480-160062-1	PP-702	PP-702	9/25/2019	PW	FS		1			
480-160062-1	PP-703	PP-703	9/25/2019	PW	FS		1			
480-160062-1	PP-704	PP-704	9/25/2019	PW	FS		1			
480-160062-1	PP-705	PP-705	9/25/2019	PW	FS		1			
480-160062-1	PP-706	PP-706	9/25/2019	PW	FS		1			
480-160062-1	QC	TB-092519	9/25/2019	BW	TB		8			
480-160062-1	TW-702	516008-TW702015	9/26/2019	GW	FS	21			1	

Notes:
TW = tap water
PW = pore water

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	IOC	IOC	IOC	TOC
					Analysis Method	SM2540C	SM2540D	SW9040C	SM5310D
					Fraction	D	N	N	T
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param_Count	Param_Count	Param_Count	Param_Count
480-160062-1	HYDRANT	516008-HYDRANT	9/25/2019	TW	FS	1	1	2	1
480-160062-1	MW-108	516008-MW108019	9/26/2019	GW	FS				
480-160062-1	MW-204	516008-MW204023	9/26/2019	GW	FS				
480-160062-1	MW-205D	516008-MW205D025	9/26/2019	GW	FS				
480-160062-1	MW-205D	516008-MW205D025D	9/26/2019	GW	FD				
480-160062-1	PP-701	PP-701	9/25/2019	PW	FS				
480-160062-1	PP-702	PP-702	9/25/2019	PW	FS				
480-160062-1	PP-703	PP-703	9/25/2019	PW	FS				
480-160062-1	PP-704	PP-704	9/25/2019	PW	FS				
480-160062-1	PP-705	PP-705	9/25/2019	PW	FS				
480-160062-1	PP-706	PP-706	9/25/2019	PW	FS				
480-160062-1	QC	TB-092519	9/25/2019	BW	TB				
480-160062-1	TW-702	516008-TW702015	9/26/2019	GW	FS				

Notes:
TW = tap water
PW = pore water

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	BS		BS		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	QC		QC		DP-B5A		DP-D10A	
				Lab SDG	480-159563-1		480-160051-1		480-160051-1		480-160051-1	
				Field Sample Date	9/16/2019		9/23/2019		9/26/2019		9/26/2019	
				Field Sample ID	TB-091619		TB-092319		DP-B5A010		DP-D10A010	
				Qc Code	TB		TB		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	50	U	3,100	U	140	U	170	
VOC	SW8260C	N	Ethylbenzene	ug/kg	50	U	3,100	U	140	U	140	U
VOC	SW8260C	N	Toluene	ug/kg	50	U	3,100	U	140	U	230	
VOC	SW8260C	N	Total BTEX	ug/kg	100	U	6,200	U	270	U	510	
VOC	SW8260C	N	Xylene, o	ug/kg	50	U	3,100	U	140	U	24	J
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	100	U	6,200	U	270	U	86	J
VOC	SW8260C	N	Xylenes, Total	ug/kg	100	U	6,200	U	270	U	110	J
Moisture	D2216	N	Percent Moisture	Percent					21.2		10.5	
Moisture	D2216	N	Percent Solids	Percent					78.8		89.5	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SOIL		SOIL		SOIL		SOIL	
			Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
			Location	DP-E11D		DP-E11D		DP-G12B		DP-G12B	
			Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
			Field Sample Date	9/25/2019		9/25/2019		9/26/2019		9/26/2019	
			Field Sample ID	DP-E11D010		DP-E11D150		DP-G12B010		DP-G12B170	
			Qc Code	FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	120	U	46	U	78	U	59	U
VOC	SW8260C	N	Ethylbenzene	ug/kg	120	U	15	J	78	U	59	U
VOC	SW8260C	N	Toluene	ug/kg	120	U	32	J	78	U	59	U
VOC	SW8260C	N	Total BTEX	ug/kg	230	U	110		160	U	120	U
VOC	SW8260C	N	Xylene, o	ug/kg	120	U	24	J	78	U	59	U
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	230	U	38	J	160	U	120	U
VOC	SW8260C	N	Xylenes, Total	ug/kg	230	U	62	J	160	U	120	U
Moisture	D2216	N	Percent Moisture	Percent	8.7		14.5		4.6		10.5	
Moisture	D2216	N	Percent Solids	Percent	91.3		85.5		95.4		89.5	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	DP-G4A		DP-G5B		DP-G5B		DP-H10C	
				Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
				Field Sample Date	9/24/2019		9/23/2019		9/24/2019		9/26/2019	
				Field Sample ID	DP-G4A110		DP-G5B010		DP-G5B110		DP-H10C010	
				Qc Code	FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	49	U	44	U	46	U	98	U
VOC	SW8260C	N	Ethylbenzene	ug/kg	49	U	44	U	46	U	98	U
VOC	SW8260C	N	Toluene	ug/kg	49	U	44	U	46	U	98	U
VOC	SW8260C	N	Total BTEX	ug/kg	98	U	88	U	92	U	200	U
VOC	SW8260C	N	Xylene, o	ug/kg	49	U	44	U	46	U	98	U
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	98	U	88	U	92	U	200	U
VOC	SW8260C	N	Xylenes, Total	ug/kg	98	U	88	U	92	U	200	U
Moisture	D2216	N	Percent Moisture	Percent	1.8		1.6		2.9		4.2	
Moisture	D2216	N	Percent Solids	Percent	98.2		98.4		97.1		95.8	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	DP-H10C		DP-H6A		DP-I8A		HA-H3D	
				Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-159563-1	
				Field Sample Date	9/26/2019		9/24/2019		9/23/2019		9/17/2019	
				Field Sample ID	DP-H10C230		DP-H6A100		DP-I8A010		HA-H3D01	
				Qc Code	FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	60	U	61	U	140		91	UJ
VOC	SW8260C	N	Ethylbenzene	ug/kg	60	U	61	U	47	U	91	UJ
VOC	SW8260C	N	Toluene	ug/kg	60	U	61	U	130		91	UJ
VOC	SW8260C	N	Total BTEX	ug/kg	120	U	120	U	270		180	UJ
VOC	SW8260C	N	Xylene, o	ug/kg	60	U	61	U	47	U	91	UJ
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	120	U	120	U	95	U	180	UJ
VOC	SW8260C	N	Xylenes, Total	ug/kg	120	U	120	U	95	U	180	UJ
Moisture	D2216	N	Percent Moisture	Percent	7.9		3.3		3		9.3	
Moisture	D2216	N	Percent Solids	Percent	92.1		96.7		97		90.7	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SOIL		SOIL		SOIL		SOIL	
			Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
			Location	HA-J2C		TP-C3D		TP-D3D		TP-D3D	
			Lab SDG	480-159563-1		480-159563-1		480-159563-1		480-159563-1	
			Field Sample Date	9/17/2019		9/16/2019		9/16/2019		9/16/2019	
			Field Sample ID	HA-J2C01		TP-C3D03		TP-D3D04		TP-D3D04D	
			Qc Code	FS		FS		FS		FD	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	44	UJ	480	UJ	100	UJ	200	UJ
VOC	SW8260C	N	Ethylbenzene	ug/kg	44	UJ	480	UJ	100	UJ	200	UJ
VOC	SW8260C	N	Toluene	ug/kg	44	UJ	480	UJ	100	UJ	200	UJ
VOC	SW8260C	N	Total BTEX	ug/kg	87	UJ	950	UJ	200	UJ	400	UJ
VOC	SW8260C	N	Xylene, o	ug/kg	44	UJ	480	UJ	100	UJ	200	UJ
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	87	UJ	950	UJ	200	UJ	400	UJ
VOC	SW8260C	N	Xylenes, Total	ug/kg	87	UJ	950	UJ	200	UJ	400	UJ
Moisture	D2216	N	Percent Moisture	Percent	2.6		19.8		17.2		17.3	
Moisture	D2216	N	Percent Solids	Percent	97.4		80.2		82.8		82.7	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SP		SP		SP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO	
				Location	OU01 CENTRAL DEEP		OU01 CENTRAL SHALLOW		OU01 NORTH	
				Lab SDG	480-159588-1		480-159588-1		480-159588-1	
				Field Sample Date	9/20/2019		9/20/2019		9/17/2019	
				Field Sample ID	516008-OU01 CENTRAL DEEP		516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
				Qc Code	FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	Benzene	ug/kg	71,000		4,300		450	UJ
VOC	SW8260C	N	Ethylbenzene	ug/kg	31,000		23,000		450	UJ
VOC	SW8260C	N	Toluene	ug/kg	130,000		33,000		450	UJ
VOC	SW8260C	N	Total BTEX	ug/kg	390,000		110,000		900	UJ
VOC	SW8260C	N	Xylene, o	ug/kg	51,000		17,000		450	UJ
VOC	SW8260C	N	Xylenes (m&p)	ug/kg	110,000		37,000		900	UJ
VOC	SW8260C	N	Xylenes, Total	ug/kg	160,000		54,000		900	UJ
Moisture	D2216	N	Percent Moisture	Percent	15.3		12.4		20.8	
Moisture	D2216	N	Percent Solids	Percent	84.7		87.6		79.2	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SOIL		SOIL		SOIL		SOIL	
			Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
			Location	DP-B5A		DP-D10A		DP-E11D		DP-E11D	
			Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
			Field Sample Date	9/26/2019		9/26/2019		9/25/2019		9/25/2019	
			Field Sample ID	DP-B5A010		DP-D10A010		DP-E11D010		DP-E11D150	
Method			**Qc Code**	FS		FS		FS		FS	
Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	210	U	1,000	J	180	U	200	U
SVOC	SW8270D	N	Acenaphthylene	ug/kg	180	J	33,000		91	J	200	U
SVOC	SW8270D	N	Anthracene	ug/kg	110	J	14,000		180	U	200	U
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	490		66,000		210		200	U
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	390		59,000		140	J	200	U
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	530		66,000		290		200	U
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	210		44,000		200		200	U
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	320		33,000		130	J	200	U
SVOC	SW8270D	N	Chrysene	ug/kg	560		78,000		320		200	U
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	210	U	11,000		180	U	200	U
SVOC	SW8270D	N	Fluoranthene	ug/kg	640		130,000		480		34	J
SVOC	SW8270D	N	Fluorene	ug/kg	210	U	7,600		180	U	200	U
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	220		35,000		150	J	200	U
SVOC	SW8270D	N	Naphthalene	ug/kg	210	U	1,100	J	40	J	200	U
SVOC	SW8270D	N	Phenanthrene	ug/kg	160	J	110,000		490		55	J
SVOC	SW8270D	N	Pyrene	ug/kg	630		200,000		810		58	J

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	DP-G12B		DP-G12B		DP-G4A		DP-G5B	
				Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
				Field Sample Date	9/26/2019		9/26/2019		9/24/2019		9/23/2019	
				Field Sample ID	DP-G12B010		DP-G12B170		DP-G4A110		DP-G5B010	
Method				Qc Code	FS		FS		FS		FS	
Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	1,800	U	190	U	170	U	170	U
SVOC	SW8270D	N	Acenaphthylene	ug/kg	710	J	190	U	170	U	170	U
SVOC	SW8270D	N	Anthracene	ug/kg	1,800	U	190	U	170	U	170	U
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	780	J	190	U	170	U	170	U
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	750	J	190	U	170	U	170	U
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	870	J	190	U	170	U	170	U
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	550	J	190	U	170	U	20	J
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	370	J	190	U	170	U	170	U
SVOC	SW8270D	N	Chrysene	ug/kg	680	J	190	U	170	U	170	U
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	1,800	U	190	U	170	U	170	U
SVOC	SW8270D	N	Fluoranthene	ug/kg	1,400	J	35	J	170	U	170	U
SVOC	SW8270D	N	Fluorene	ug/kg	320	J	190	U	170	U	170	U
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	550	J	190	U	170	U	170	U
SVOC	SW8270D	N	Naphthalene	ug/kg	770	J	190	U	170	U	170	U
SVOC	SW8270D	N	Phenanthrene	ug/kg	1,500	J	63	J	170	U	170	U
SVOC	SW8270D	N	Pyrene	ug/kg	1,500	J	41	J	170	U	170	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SOIL		SOIL		SOIL		SOIL	
			Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
			Location	DP-G5B		DP-H10C		DP-H10C		DP-H6A	
			Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
			Field Sample Date	9/24/2019		9/26/2019		9/26/2019		9/24/2019	
			Field Sample ID	DP-G5B110		DP-H10C010		DP-H10C230		DP-H6A100	
Method			**Qc Code**	FS		FS		FS		FS	
Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	170	U	27	J	180	U	170	U
SVOC	SW8270D	N	Acenaphthylene	ug/kg	170	U	73	J	180	U	170	U
SVOC	SW8270D	N	Anthracene	ug/kg	170	U	80	J	180	U	170	U
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	17	J	460		180	U	170	U
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	170	U	510		180	U	170	U
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	170	U	560		180	U	170	U
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	170	U	300		180	U	170	U
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	170	U	300		180	U	170	U
SVOC	SW8270D	N	Chrysene	ug/kg	170	U	420		180	U	170	U
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	170	U	180	U	180	U	170	U
SVOC	SW8270D	N	Fluoranthene	ug/kg	24	J	540		180	U	170	U
SVOC	SW8270D	N	Fluorene	ug/kg	170	U	34	J	180	U	170	U
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	170	U	290		180	U	170	U
SVOC	SW8270D	N	Naphthalene	ug/kg	170	U	83	J	180	U	170	U
SVOC	SW8270D	N	Phenanthrene	ug/kg	49	J	190		180	U	170	U
SVOC	SW8270D	N	Pyrene	ug/kg	32	J	610		26	J	170	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	DP-I8A		HA-H3D		HA-J2C		TP-C3D	
				Lab SDG	480-160051-1		480-159563-1		480-159563-1		480-159563-1	
				Field Sample Date	9/23/2019		9/17/2019		9/17/2019		9/16/2019	
				Field Sample ID	DP-I8A010		HA-H3D01		HA-J2C01		TP-C3D03	
Method				Qc Code	FS		FS		FS		FS	
Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	170	U	190	U	170	U	24,000	
SVOC	SW8270D	N	Acenaphthylene	ug/kg	170	U	49	J	170	U	79,000	
SVOC	SW8270D	N	Anthracene	ug/kg	170	U	190	U	170	U	56,000	
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	170	U	37	J	170	U	27,000	
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	170	U	48	J	170	U	23,000	
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	170	U	66	J	170	U	23,000	
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	170	U	53	J	22	J	12,000	
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	170	U	190	U	170	U	4,200	U
SVOC	SW8270D	N	Chrysene	ug/kg	170	U	48	J	170	U	26,000	
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	170	U	190	U	170	U	2,200	J
SVOC	SW8270D	N	Fluoranthene	ug/kg	170	U	66	J	170	U	63,000	
SVOC	SW8270D	N	Fluorene	ug/kg	170	U	24	J	170	U	59,000	
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	170	U	42	J	170	U	8,200	
SVOC	SW8270D	N	Naphthalene	ug/kg	170	U	190	U	170	U	40,000	
SVOC	SW8270D	N	Phenanthrene	ug/kg	170	U	88	J	170	U	190,000	
SVOC	SW8270D	N	Pyrene	ug/kg	170	U	92	J	26	J	91,000	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO	
				Location	TP-D3D		TP-D3D		OU01 CENTRAL DEEP	
				Lab SDG	480-159563-1		480-159563-1		480-159588-1	
				Field Sample Date	9/16/2019		9/16/2019		9/20/2019	
				Field Sample ID	TP-D3D04		TP-D3D04D		516008-OU01 CENTRAL DEEP	
Method				Qc Code	FS		FD		FS	
Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	60	J	90	J	12,000	
SVOC	SW8270D	N	Acenaphthylene	ug/kg	270		600		100,000	
SVOC	SW8270D	N	Anthracene	ug/kg	830		2,000		36,000	
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	710		1,600		23,000	
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	710		1,400		22,000	
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	600		1,100		16,000	
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	390		790		13,000	
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	150	J	400		7,800	
SVOC	SW8270D	N	Chrysene	ug/kg	640		1,300		21,000	
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	200	U	210	U	2,400	
SVOC	SW8270D	N	Fluoranthene	ug/kg	1,400		3,000		53,000	
SVOC	SW8270D	N	Fluorene	ug/kg	310		680		48,000	
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	260		530		7,800	
SVOC	SW8270D	N	Naphthalene	ug/kg	200	U	210	U	180,000	
SVOC	SW8270D	N	Phenanthrene	ug/kg	2,000		4,200		160,000	
SVOC	SW8270D	N	Pyrene	ug/kg	2,400		4,800		93,000	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SP		SP	
			Lab ID	TALBFLO		TALBFLO	
			Location	OU01 CENTRAL SHALLOW		OU01 NORTH	
			Lab SDG	480-159588-1		480-159588-1	
			Field Sample Date	9/20/2019		9/17/2019	
			Field Sample ID	516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
Method			**Qc Code**	FS		FS	
Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Acenaphthene	ug/kg	28,000		7,900	
SVOC	SW8270D	N	Acenaphthylene	ug/kg	250,000		8,500	
SVOC	SW8270D	N	Anthracene	ug/kg	73,000		10,000	
SVOC	SW8270D	N	Benzo(a)anthracene	ug/kg	52,000		5,200	
SVOC	SW8270D	N	Benzo(a)pyrene	ug/kg	52,000		4,600	
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/kg	40,000		3,300	
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/kg	33,000		2,400	
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/kg	19,000		1,600	
SVOC	SW8270D	N	Chrysene	ug/kg	45,000		4,800	
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/kg	5,600		1,100	U
SVOC	SW8270D	N	Fluoranthene	ug/kg	120,000		12,000	
SVOC	SW8270D	N	Fluorene	ug/kg	100,000		10,000	
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/kg	21,000		1,500	
SVOC	SW8270D	N	Naphthalene	ug/kg	320,000		300	J
SVOC	SW8270D	N	Phenanthrene	ug/kg	360,000		28,000	
SVOC	SW8270D	N	Pyrene	ug/kg	230,000		17,000	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SP		SP	
				Lab ID	TALBFLO		TALBFLO	
				Location	OU01 CENTRAL SHALLOW		OU01 NORTH	
				Lab SDG	480-159588-1		480-159588-1	
				Field Sample Date	9/20/2019		9/17/2019	
				Field Sample ID	516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
				Qc Code	FS		FS	
Method	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
VOC	SW8260C	C	1,1-Dichloroethene	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	1,2-Dichloroethane	mg/l	0.01	U	0.01	UJ
VOC	SW8260C	C	2-Butanone	mg/l	0.05	U	0.05	U
VOC	SW8260C	C	Benzene	mg/l	0.097		0.01	U
VOC	SW8260C	C	Carbon tetrachloride	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	Chlorobenzene	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	Chloroform	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	Tetrachloroethene	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	Trichloroethene	mg/l	0.01	U	0.01	U
VOC	SW8260C	C	Vinyl chloride	mg/l	0.01	U	0.01	U
SVOC	SW8270D	C	1,4-Dichlorobenzene	mg/l	0.4	U	0.04	U
SVOC	SW8270D	C	2,4,5-Trichlorophenol	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	2,4,6-Trichlorophenol	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	2,4-Dinitrotoluene	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	2-Methylphenol	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	3-Methylphenol	mg/l	0.4	U	0.04	U
SVOC	SW8270D	C	4-Methylphenol	mg/l	0.4	U	0.04	U
SVOC	SW8270D	C	Hexachlorobenzene	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	Hexachlorobutadiene	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	Hexachloroethane	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	Nitrobenzene	mg/l	0.2	U	0.02	U
SVOC	SW8270D	C	Pentachlorophenol	mg/l	0.4	U	0.04	U
SVOC	SW8270D	C	Pyridine	mg/l	1	UJ	0.1	UJ

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SP		SP	
			Lab ID	TALBFLO		TALBFLO	
			Location	OU01 CENTRAL SHALLOW		OU01 NORTH	
			Lab SDG	480-159588-1		480-159588-1	
			Field Sample Date	9/20/2019		9/17/2019	
			Field Sample ID	516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
			Qc Code	FS		FS	
Method	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
Pest	SW8081B	C	Chlordane	mg/l	0.002	U	0.002	U
Pest	SW8081B	C	Endrin	mg/l	0.0002	U	0.0002	U
Pest	SW8081B	C	Gamma-BHC/Lindane	mg/l	0.0002	U	0.0002	U
Pest	SW8081B	C	Heptachlor	mg/l	0.00004	J	0.0002	U
Pest	SW8081B	C	Heptachlor epoxide	mg/l	0.0002	U	0.0002	U
Pest	SW8081B	C	Methoxychlor	mg/l	0.0002	U	0.0002	U
Pest	SW8081B	C	Toxaphene	mg/l	0.002	U	0.002	U
Herb	SW8151A	C	2,4,5-TP/Silvex	mg/l	0.002	U	0.002	U
Herb	SW8151A	C	2,4-D	mg/l	0.002	U	0.002	U
Metals	SW6010C	C	Arsenic	mg/l	0.015	U	0.015	U
Metals	SW6010C	C	Barium	mg/l	0.17	J	0.18	J
Metals	SW6010C	C	Cadmium	mg/l	0.002	U	0.002	U
Metals	SW6010C	C	Chromium	mg/l	0.02	U	0.02	U
Metals	SW6010C	C	Lead	mg/l	0.0065	J	0.0062	J
Metals	SW6010C	C	Selenium	mg/l	0.025	U	0.025	U
Metals	SW6010C	C	Silver	mg/l	0.006	U	0.006	U
Mercury	SW7470A	C	Mercury	mg/l	0.0002	U	0.0002	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	BLD		BLD		SP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO	
				Location	Site Structure		Site Structure		OU01 CENTRAL DEEP	
				Lab SDG	480-159269-1		480-159269-1		480-159588-1	
				Field Sample Date	9/16/2019		9/16/2019		9/20/2019	
				Field Sample ID	PCB - SLGC- 01		PCB - SLGC- 02		516008-OU01 CENTRAL DEEP	
				Qc Code	FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
PCB	SW8082A	N	Aroclor-1016	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1221	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1232	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1242	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1248	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1254	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1260	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1262	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	Aroclor-1268	mg/kg	0.2	U	0.24	U		
PCB	SW8082A	N	PCB (total)	mg/kg	0.2	U	0.24	U		
RCRA	SW1010	N	Flash Point	deg f						
RCRA	SW9012	N	Cyanide, Reactive	mg/kg						
RCRA	SW9034	N	Sulfide, Reactive	mg/kg						
IOC	A4500F	N	Sulfide	mg/kg					23.6	U
IOC	SW9045D	N	pH	pH Units					4.7	J
IOC	SW9045D	N	Temperature	deg c					19.9	J
TOC	LYDKHN	T	Total Organic Carbc	mg/kg					4880	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SP		SP	
				Lab ID	TALBFLO		TALBFLO	
				Location	OU01 CENTRAL SHALLOW		OU01 NORTH	
				Lab SDG	480-159588-1		480-159588-1	
				Field Sample Date	9/20/2019		9/17/2019	
				Field Sample ID	516008-OU01 CENTRAL SHALLOW		516008-OU01 NORTH	
				Qc Code	FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
PCB	SW8082A	N	Aroclor-1016	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1221	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1232	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1242	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1248	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1254	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1260	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1262	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	Aroclor-1268	mg/kg	0.25	U	0.26	U
PCB	SW8082A	N	PCB (total)	mg/kg	0.25	U	0.26	U
RCRA	SW1010	N	Flash Point	deg f	176		176	
RCRA	SW9012	N	Cyanide, Reactive	mg/kg	10	U	10	U
RCRA	SW9034	N	Sulfide, Reactive	mg/kg	10	U	10	U
IOC	A4500F	N	Sulfide	mg/kg	22.8	U	25.2	U
IOC	SW9045D	N	pH	pH Units	4.9	J	6	J
IOC	SW9045D	N	Temperature	deg c	20	J	20.2	J
TOC	LYDKHN	T	Total Organic Carbc	mg/kg	10700		7930	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	PNT		PNT		PNT		PNT	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	Site Structure		Site Structure		Site Structure		Site Structure	
				Lab SDG	480-159269-1		480-159269-1		480-159269-1		480-159269-1	
				Field Sample Date	9/16/2019		9/16/2019		9/16/2019		9/16/2019	
				Field Sample ID	PB - SLGC- 01		PB - SLGC- 02		PB - SLGC- 03		TCLP- SLGC- 01	
				Qc Code	FS		FS		FS		FS	
Method	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Metals	SW6010C	T	Lead	mg/kg	11100		9270		871		5130	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SOIL		SOIL		SOIL		SOIL	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	DP-E7D		DP-F9D		DP-G7D		DP-G8D	
				Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
				Field Sample Date	9/23/2019		9/23/2019		9/23/2019		9/23/2019	
				Field Sample ID	DP-E7D120		DP-F9D160		DP-G7D200		DP-G8D100	
				Qc Code	FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Cyanide	SW9012B	N	Cyanide, Total	mg/kg	1.2	U	1.2	U	1.2	U	0.75	J
Moisture	D2216	N	Percent Moisture	Percent	14.2		14.9		17.4		12.5	
Moisture	D2216	N	Percent Solids	Percent	85.8		85.1		82.6		87.5	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SOIL		SOIL		SOIL		SOIL	
			Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
			Location	DP-G8D		TP-B3D		TW-702		TW-702	
			Lab SDG	480-160051-1		480-160051-1		480-160051-1		480-160051-1	
			Field Sample Date	9/23/2019		9/23/2019		9/25/2019		9/25/2019	
			Field Sample ID	DP-G8D060		TP-B3D030		TW-702070		TW-702120	
			Qc Code	FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Cyanide	SW9012B	N	Cyanide, Total	mg/kg	3.6		1.4	U	1.1	J	1.2	U
Moisture	D2216	N	Percent Moisture	Percent	24.2		32.6		27.1		14	
Moisture	D2216	N	Percent Solids	Percent	75.8		67.4		72.9		86	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	GW		GW		GW		GW		PW	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	MW-108		MW-204		MW-205D		MW-205D		PP-701	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1	
				Field Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/25/2019	
				Field Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D		PP-701	
				Qc Code	FS		FS		FS		FD		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	1,1,1-Trichloroethane	ug/l										
VOC	SW8260C	N	1,1,2,2-Tetrachloroethane	ug/l										
VOC	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l										
VOC	SW8260C	N	1,1,2-Trichloroethane	ug/l										
VOC	SW8260C	N	1,1-Dichloroethane	ug/l										
VOC	SW8260C	N	1,1-Dichloroethene	ug/l										
VOC	SW8260C	N	1,2,3-Trichlorobenzene	ug/l										
VOC	SW8260C	N	1,2,4-Trichlorobenzene	ug/l										
VOC	SW8260C	N	1,2-Dibromo-3-chloropropane	ug/l										
VOC	SW8260C	N	1,2-Dibromoethane	ug/l										
VOC	SW8260C	N	1,2-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,2-Dichloroethane	ug/l										
VOC	SW8260C	N	1,2-Dichloropropane	ug/l										
VOC	SW8260C	N	1,3-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,4-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,4-Dioxane	ug/l										
VOC	SW8260C	N	2-Butanone	ug/l										
VOC	SW8260C	N	2-Hexanone	ug/l										
VOC	SW8260C	N	4-Methyl-2-pentanone	ug/l										
VOC	SW8260C	N	Acetic acid, methyl ester	ug/l										
VOC	SW8260C	N	Acetone	ug/l										
VOC	SW8260C	N	Benzene	ug/l	1	U	23		410		500			
VOC	SW8260C	N	Bromochloromethane	ug/l										
VOC	SW8260C	N	Bromodichloromethane	ug/l										
VOC	SW8260C	N	Bromoform	ug/l										
VOC	SW8260C	N	Bromomethane	ug/l										
VOC	SW8260C	N	Carbon disulfide	ug/l										
VOC	SW8260C	N	Carbon tetrachloride	ug/l										
VOC	SW8260C	N	Chlorobenzene	ug/l										
VOC	SW8260C	N	Chloroethane	ug/l										
VOC	SW8260C	N	Chloroform	ug/l										
VOC	SW8260C	N	Chloromethane	ug/l										
VOC	SW8260C	N	cis-1,2-Dichloroethene	ug/l										

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	GW		GW		GW		GW		PW	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	MW-108		MW-204		MW-205D		MW-205D		PP-701	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1	
				Field Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/25/2019	
				Field Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D		PP-701	
				Qc Code	FS		FS		FS		FD		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	cis-1,3-Dichloropropene	ug/l										
VOC	SW8260C	N	Cyclohexane	ug/l										
VOC	SW8260C	N	Dibromochloromethane	ug/l										
VOC	SW8260C	N	Dichlorodifluoromethane	ug/l										
VOC	SW8260C	N	Ethylbenzene	ug/l	1	U	83		91		110			
VOC	SW8260C	N	Isopropylbenzene	ug/l										
VOC	SW8260C	N	Methyl cyclohexane	ug/l										
VOC	SW8260C	N	Methyl Tertbutyl Ether	ug/l										
VOC	SW8260C	N	Methylene chloride	ug/l										
VOC	SW8260C	N	Naphthalene	ug/l									1	U
VOC	SW8260C	N	Styrene	ug/l										
VOC	SW8260C	N	Tetrachloroethene	ug/l										
VOC	SW8260C	N	Toluene	ug/l	1	U	190		97		120			
VOC	SW8260C	N	Total BTEX	ug/l	2	U	590		880		1100			
VOC	SW8260C	N	trans-1,2-Dichloroethene	ug/l										
VOC	SW8260C	N	trans-1,3-Dichloropropene	ug/l										
VOC	SW8260C	N	Trichloroethene	ug/l										
VOC	SW8260C	N	Trichlorofluoromethane	ug/l										
VOC	SW8260C	N	Vinyl chloride	ug/l										
VOC	SW8260C	N	Xylene, o	ug/l	1	U	130		160		190			
VOC	SW8260C	N	Xylenes (m&p)	ug/l	2	U	160		120		130			
VOC	SW8260C	N	Xylenes, Total	ug/l	2	U	290		280		320			

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	PW		PW		PW		PW		PW	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	PP-702		PP-703		PP-704		PP-705		PP-706	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1	
				Field Sample Date	9/25/2019		9/25/2019		9/25/2019		9/25/2019		9/25/2019	
				Field Sample ID	PP-702		PP-703		PP-704		PP-705		PP-706	
				Qc Code	FS		FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	1,1,1-Trichloroethane	ug/l										
VOC	SW8260C	N	1,1,2,2-Tetrachloroethane	ug/l										
VOC	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l										
VOC	SW8260C	N	1,1,2-Trichloroethane	ug/l										
VOC	SW8260C	N	1,1-Dichloroethane	ug/l										
VOC	SW8260C	N	1,1-Dichloroethene	ug/l										
VOC	SW8260C	N	1,2,3-Trichlorobenzene	ug/l										
VOC	SW8260C	N	1,2,4-Trichlorobenzene	ug/l										
VOC	SW8260C	N	1,2-Dibromo-3-chloropropane	ug/l										
VOC	SW8260C	N	1,2-Dibromoethane	ug/l										
VOC	SW8260C	N	1,2-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,2-Dichloroethane	ug/l										
VOC	SW8260C	N	1,2-Dichloropropane	ug/l										
VOC	SW8260C	N	1,3-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,4-Dichlorobenzene	ug/l										
VOC	SW8260C	N	1,4-Dioxane	ug/l										
VOC	SW8260C	N	2-Butanone	ug/l										
VOC	SW8260C	N	2-Hexanone	ug/l										
VOC	SW8260C	N	4-Methyl-2-pentanone	ug/l										
VOC	SW8260C	N	Acetic acid, methyl ester	ug/l										
VOC	SW8260C	N	Acetone	ug/l										
VOC	SW8260C	N	Benzene	ug/l										
VOC	SW8260C	N	Bromochloromethane	ug/l										
VOC	SW8260C	N	Bromodichloromethane	ug/l										
VOC	SW8260C	N	Bromoform	ug/l										
VOC	SW8260C	N	Bromomethane	ug/l										
VOC	SW8260C	N	Carbon disulfide	ug/l										
VOC	SW8260C	N	Carbon tetrachloride	ug/l										
VOC	SW8260C	N	Chlorobenzene	ug/l										
VOC	SW8260C	N	Chloroethane	ug/l										
VOC	SW8260C	N	Chloroform	ug/l										
VOC	SW8260C	N	Chloromethane	ug/l										
VOC	SW8260C	N	cis-1,2-Dichloroethene	ug/l										

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	PW		PW		PW		PW		PW	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	PP-702		PP-703		PP-704		PP-705		PP-706	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1	
				Field Sample Date	9/25/2019		9/25/2019		9/25/2019		9/25/2019		9/25/2019	
				Field Sample ID	PP-702		PP-703		PP-704		PP-705		PP-706	
				Qc Code	FS		FS		FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	cis-1,3-Dichloropropene	ug/l										
VOC	SW8260C	N	Cyclohexane	ug/l										
VOC	SW8260C	N	Dibromochloromethane	ug/l										
VOC	SW8260C	N	Dichlorodifluoromethane	ug/l										
VOC	SW8260C	N	Ethylbenzene	ug/l										
VOC	SW8260C	N	Isopropylbenzene	ug/l										
VOC	SW8260C	N	Methyl cyclohexane	ug/l										
VOC	SW8260C	N	Methyl Tertbutyl Ether	ug/l										
VOC	SW8260C	N	Methylene chloride	ug/l										
VOC	SW8260C	N	Naphthalene	ug/l	1	U	1	U	1	U	1	U	1	U
VOC	SW8260C	N	Styrene	ug/l										
VOC	SW8260C	N	Tetrachloroethene	ug/l										
VOC	SW8260C	N	Toluene	ug/l										
VOC	SW8260C	N	Total BTEX	ug/l										
VOC	SW8260C	N	trans-1,2-Dichloroethene	ug/l										
VOC	SW8260C	N	trans-1,3-Dichloropropene	ug/l										
VOC	SW8260C	N	Trichloroethene	ug/l										
VOC	SW8260C	N	Trichlorofluoromethane	ug/l										
VOC	SW8260C	N	Vinyl chloride	ug/l										
VOC	SW8260C	N	Xylene, o	ug/l										
VOC	SW8260C	N	Xylenes (m&p)	ug/l										
VOC	SW8260C	N	Xylenes, Total	ug/l										

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	BW		BW		SEEP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO	
				Location	QC		QC		TP-H8A	
				Lab SDG	480-159540-1		480-160062-1		480-159540-1	
				Field Sample Date	9/18/2019		9/25/2019		9/18/2019	
				Field Sample ID	TB-091819		TB-092519		516008-OU01 WATER	
				Qc Code	TB		TB		FS	
Method Class	Method	Fraction	Parameter	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	1,1,1-Trichloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,1,2,2-Tetrachloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,1,2-Trichloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,1-Dichloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,1-Dichloroethene	ug/l	1	U			1	U
VOC	SW8260C	N	1,2,3-Trichlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	1,2,4-Trichlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	1,2-Dibromo-3-chloropropane	ug/l	1	U			0.63	J
VOC	SW8260C	N	1,2-Dibromoethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,2-Dichlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	1,2-Dichloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	1,2-Dichloropropane	ug/l	1	U			1	U
VOC	SW8260C	N	1,3-Dichlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	1,4-Dichlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	1,4-Dioxane	ug/l	40	U			40	U
VOC	SW8260C	N	2-Butanone	ug/l	10	U			10	U
VOC	SW8260C	N	2-Hexanone	ug/l	5	U			5	U
VOC	SW8260C	N	4-Methyl-2-pentanone	ug/l	5	U			5	U
VOC	SW8260C	N	Acetic acid, methyl ester	ug/l	2.5	U			2.5	U
VOC	SW8260C	N	Acetone	ug/l	10	U			8.7	J
VOC	SW8260C	N	Benzene	ug/l	1	U	1	U	6.5	
VOC	SW8260C	N	Bromochloromethane	ug/l	1	U			1	U
VOC	SW8260C	N	Bromodichloromethane	ug/l	1	U			1	U
VOC	SW8260C	N	Bromoform	ug/l	1	U			1	U
VOC	SW8260C	N	Bromomethane	ug/l	1	U			1	U
VOC	SW8260C	N	Carbon disulfide	ug/l	1	U			1	U
VOC	SW8260C	N	Carbon tetrachloride	ug/l	1	U			1	U
VOC	SW8260C	N	Chlorobenzene	ug/l	1	U			1	U
VOC	SW8260C	N	Chloroethane	ug/l	1	U			1	U
VOC	SW8260C	N	Chloroform	ug/l	1	U			1	U
VOC	SW8260C	N	Chloromethane	ug/l	1	U			1	U
VOC	SW8260C	N	cis-1,2-Dichloroethene	ug/l	1	U			1	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	BW		BW		SEEP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO	
				Location	QC		QC		TP-H8A	
				Lab SDG	480-159540-1		480-160062-1		480-159540-1	
				Field Sample Date	9/18/2019		9/25/2019		9/18/2019	
				Field Sample ID	TB-091819		TB-092519		516008-OU01 WATER	
				Qc Code	TB		TB		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	SW8260C	N	cis-1,3-Dichloropropene	ug/l	1	U			1	U
VOC	SW8260C	N	Cyclohexane	ug/l	1	U			1	U
VOC	SW8260C	N	Dibromochloromethane	ug/l	1	U			1	U
VOC	SW8260C	N	Dichlorodifluoromethane	ug/l	1	U			1	UJ
VOC	SW8260C	N	Ethylbenzene	ug/l	1	U	1	U	3.5	
VOC	SW8260C	N	Isopropylbenzene	ug/l	1	U			1	U
VOC	SW8260C	N	Methyl cyclohexane	ug/l	1	U			1	U
VOC	SW8260C	N	Methyl Tertbutyl Ether	ug/l	1	U			1	U
VOC	SW8260C	N	Methylene chloride	ug/l	1	U			1	U
VOC	SW8260C	N	Naphthalene	ug/l			1	U		
VOC	SW8260C	N	Styrene	ug/l	1	U			8.3	
VOC	SW8260C	N	Tetrachloroethene	ug/l	1	U			1	U
VOC	SW8260C	N	Toluene	ug/l	1	U	1	U	2.2	
VOC	SW8260C	N	Total BTEX	ug/l			2	U		
VOC	SW8260C	N	trans-1,2-Dichloroethene	ug/l	1	U			1	U
VOC	SW8260C	N	trans-1,3-Dichloropropene	ug/l	1	U			1	U
VOC	SW8260C	N	Trichloroethene	ug/l	1	U			1	U
VOC	SW8260C	N	Trichlorofluoromethane	ug/l	1	U			1	U
VOC	SW8260C	N	Vinyl chloride	ug/l	1	U			1	U
VOC	SW8260C	N	Xylene, o	ug/l			1	U		
VOC	SW8260C	N	Xylenes (m&p)	ug/l			2	U		
VOC	SW8260C	N	Xylenes, Total	ug/l	2	U	2	U	24	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	GW		GW		GW		GW		GW		SEEP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	MW-108		MW-204		MW-205D		MW-205D		TW-702		TP-H8A	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-159540-1	
				Field Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/18/2019	
				Field Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D		516008-TW702015		516008-OU01 WATER	
				Qc Code	FS		FS		FS		FD		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D-SIM	N	1,4-Dioxane	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	6.7	U		
SVOC	SW8270D	N	2,2'-Dichlorodiisopropylether	ug/l											50	U
SVOC	SW8270D	N	2,4,5-Trichlorophenol	ug/l											50	U
SVOC	SW8270D	N	2,4,6-Trichlorophenol	ug/l											50	U
SVOC	SW8270D	N	2,4-Dichlorophenol	ug/l											50	U
SVOC	SW8270D	N	2,4-Dimethylphenol	ug/l											50	U
SVOC	SW8270D	N	2,4-Dinitrophenol	ug/l											100	U
SVOC	SW8270D	N	2,4-Dinitrotoluene	ug/l											50	U
SVOC	SW8270D	N	2,6-Dinitrotoluene	ug/l											50	U
SVOC	SW8270D	N	2-Chloronaphthalene	ug/l											50	U
SVOC	SW8270D	N	2-Chlorophenol	ug/l											50	U
SVOC	SW8270D	N	2-Methylnaphthalene	ug/l											210	
SVOC	SW8270D	N	2-Methylphenol	ug/l											50	U
SVOC	SW8270D	N	2-Nitroaniline	ug/l											100	U
SVOC	SW8270D	N	2-Nitrophenol	ug/l											50	U
SVOC	SW8270D	N	3,3'-Dichlorobenzidine	ug/l											50	U
SVOC	SW8270D	N	3-Nitroaniline	ug/l											100	U
SVOC	SW8270D	N	4,6-Dinitro-2-methylphenol	ug/l											100	U
SVOC	SW8270D	N	4-Bromophenyl phenyl ether	ug/l											50	U
SVOC	SW8270D	N	4-Chloro-3-methylphenol	ug/l											50	U
SVOC	SW8270D	N	4-Chloroaniline	ug/l											50	U
SVOC	SW8270D	N	4-Chlorophenyl phenyl ether	ug/l											50	U
SVOC	SW8270D	N	4-Methylphenol	ug/l											100	U
SVOC	SW8270D	N	4-Nitroaniline	ug/l											100	U
SVOC	SW8270D	N	4-Nitrophenol	ug/l											100	U
SVOC	SW8270D	N	Acenaphthene	ug/l	5	U	6.7	J	41		38	J			15	J
SVOC	SW8270D	N	Acenaphthylene	ug/l	5	U	49		130		130				160	
SVOC	SW8270D	N	Acetophenone	ug/l											50	U
SVOC	SW8270D	N	Anthracene	ug/l	5	U	2.3	J	2.8	J	130	U			18	J
SVOC	SW8270D	N	Atrazine	ug/l											50	U
SVOC	SW8270D	N	Benzaldehyde	ug/l											50	UJ
SVOC	SW8270D	N	Benzo(a)anthracene	ug/l	5	U	25	U	25	U	130	U			5.3	J
SVOC	SW8270D	N	Benzo(a)pyrene	ug/l	5	U	25	U	25	U	130	U			50	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	GW		GW		GW		GW		GW		SEEP	
				Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
				Location	MW-108		MW-204		MW-205D		MW-205D		TW-702		TP-H8A	
				Lab SDG	480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-160062-1		480-159540-1	
				Field Sample Date	9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/26/2019		9/18/2019	
				Field Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025		516008-MW205D025D		516008-TW702015		516008-OU01 WATER	
				Qc Code	FS		FS		FS		FD		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
SVOC	SW8270D	N	Benzo(b)fluoranthene	ug/l	5	U	25	U	25	U	130	U			50	U
SVOC	SW8270D	N	Benzo(ghi)perylene	ug/l	5	U	25	U	25	U	130	U			50	U
SVOC	SW8270D	N	Benzo(k)fluoranthene	ug/l	5	U	25	U	25	U	130	U			50	U
SVOC	SW8270D	N	Biphenyl	ug/l											41	J
SVOC	SW8270D	N	Bis(2-Chloroethoxy)methane	ug/l											50	U
SVOC	SW8270D	N	Bis(2-Chloroethyl)ether	ug/l											50	U
SVOC	SW8270D	N	Bis(2-Ethylhexyl)phthalate	ug/l											50	U
SVOC	SW8270D	N	Butylbenzylphthalate	ug/l											50	U
SVOC	SW8270D	N	Caprolactam	ug/l											50	UJ
SVOC	SW8270D	N	Carbazole	ug/l											50	U
SVOC	SW8270D	N	Chrysene	ug/l	5	U	25	U	25	U	130	U			5.4	J
SVOC	SW8270D	N	Di-n-butylphthalate	ug/l											50	U
SVOC	SW8270D	N	Di-n-octylphthalate	ug/l											50	U
SVOC	SW8270D	N	Dibenz(a,h)anthracene	ug/l	5	U	25	U	25	U	130	U			50	U
SVOC	SW8270D	N	Dibenzofuran	ug/l											5.4	J
SVOC	SW8270D	N	Diethylphthalate	ug/l											50	U
SVOC	SW8270D	N	Dimethylphthalate	ug/l											50	U
SVOC	SW8270D	N	Fluoranthene	ug/l	5	U	25	U	25	U	130	U			21	J
SVOC	SW8270D	N	Fluorene	ug/l	5	U	12	J	20	J	21	J			60	
SVOC	SW8270D	N	Hexachlorobenzene	ug/l											50	U
SVOC	SW8270D	N	Hexachlorobutadiene	ug/l											50	U
SVOC	SW8270D	N	Hexachlorocyclopentadiene	ug/l											50	U
SVOC	SW8270D	N	Hexachloroethane	ug/l											50	U
SVOC	SW8270D	N	Indeno(1,2,3-cd)pyrene	ug/l	5	U	25	U	25	U	130	U			50	U
SVOC	SW8270D	N	Isophorone	ug/l											50	U
SVOC	SW8270D	N	N-Nitrosodi-n-propylamine	ug/l											50	U
SVOC	SW8270D	N	N-Nitrosodiphenylamine	ug/l											50	U
SVOC	SW8270D	N	Naphthalene	ug/l	1.1	J	490		2,100		2,000				350	
SVOC	SW8270D	N	Nitrobenzene	ug/l											50	U
SVOC	SW8270D	N	Pentachlorophenol	ug/l											100	UJ
SVOC	SW8270D	N	Phenanthrene	ug/l	5	U	11	J	20	J	20	J			110	
SVOC	SW8270D	N	Phenol	ug/l											50	U
SVOC	SW8270D	N	Pyrene	ug/l	5	U	25	U	25	U	130	U			29	J

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	SEEP	
				Lab ID	TALBFLO	
				Location	TP-H8A	
				Lab SDG	480-159540-1	
				Field Sample Date	9/18/2019	
				Field Sample ID	516008-OU01 WATER	
				Qc Code	FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier
PCB	SW8082A	N	Aroclor-1016	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1221	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1232	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1242	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1248	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1254	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1260	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1262	ug/l	0.06	U
PCB	SW8082A	N	Aroclor-1268	ug/l	0.06	U
PCB	SW8082A	N	PCB (total)	ug/l	0.06	U
Oil-Grease	E1664	N	OIL AND GREASE	mg/l	5.2	U
Pest	SW8081B	N	4,4'-DDD	ug/l	0.26	J+
Pest	SW8081B	N	4,4'-DDE	ug/l	0.05	U
Pest	SW8081B	N	4,4'-DDT	ug/l	0.05	U
Pest	SW8081B	N	Aldrin	ug/l	0.026	J+
Pest	SW8081B	N	Alpha-BHC	ug/l	0.99	J+
Pest	SW8081B	N	Alpha-Chlordane	ug/l	0.05	U
Pest	SW8081B	N	Beta-BHC	ug/l	0.081	J+
Pest	SW8081B	N	Delta-BHC	ug/l	0.05	U
Pest	SW8081B	N	Dieldrin	ug/l	0.05	U
Pest	SW8081B	N	Endosulfan I	ug/l	0.05	U
Pest	SW8081B	N	Endosulfan II	ug/l	0.05	U
Pest	SW8081B	N	Endosulfan sulfate	ug/l	0.05	U
Pest	SW8081B	N	Endrin	ug/l	0.05	U
Pest	SW8081B	N	Endrin aldehyde	ug/l	0.05	U
Pest	SW8081B	N	Endrin ketone	ug/l	0.05	U
Pest	SW8081B	N	Gamma-BHC/Lindane	ug/l	0.05	U
Pest	SW8081B	N	Heptachlor	ug/l	0.044	J+
Pest	SW8081B	N	Heptachlor epoxide	ug/l	0.14	J+
Pest	SW8081B	N	Methoxychlor	ug/l	0.05	U
Pest	SW8081B	N	Toxaphene	ug/l	0.5	U
Pest	SW8081B	N	Trans-Chlordane (Gamma)	ug/l	0.05	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	GW		GW		GW	
			Lab ID	TA-WSC		TA-WSC		TA-WSC	
			Location	MW-108		MW-204		MW-205D	
			Lab SDG	480-160062-1		480-160062-1		480-160062-1	
			Field Sample Date	9/26/2019		9/26/2019		9/26/2019	
			Field Sample ID	516008-MW108019		516008-MW204023		516008-MW205D025	
			Qc Code	FS		FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier
PFAS	537 (Modified)	N	6:2 Fluorotelomer sulfonate (6:2 FTS)	ng/l	19	U	19	U	19	UJ
PFAS	537 (Modified)	N	8:2 Fluorotelomer sulfonate (8:2 FTS)	ng/l	19	U	19	U	19	U
PFAS	537 (Modified)	N	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ng/l	19	U	19	U	19	U
PFAS	537 (Modified)	N	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ng/l	19	U	19	U	19	U
PFAS	537 (Modified)	N	Perfluorobutanesulfonic acid (PFBS)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorobutanoic acid (PFBA)	ng/l	1.9	U	9.5		1.9	U
PFAS	537 (Modified)	N	Perfluorodecanesulfonic acid (PFDS)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorodecanoic acid (PFDA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorododecanoic acid (PFDoA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroheptanoic acid (PFHpA)	ng/l	1.9	U	1.9	U	0.6	J
PFAS	537 (Modified)	N	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorohexanoic acid (PFHxA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorononanoic acid (PFNA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorooctanessulfonic acid (PFOS)	ng/l	0.74	J	1.9	U	0.86	J
PFAS	537 (Modified)	N	Perfluorooctanoic acid (PFOA)	ng/l	1.9	U	1.1	J	1.9	
PFAS	537 (Modified)	N	Perfluoropentanoic acid (PFPeA)	ng/l	1.9	U	1.9	U	1.9	UJ
PFAS	537 (Modified)	N	Perfluorotetradecanoic acid (PFTeDA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorotridecanoic acid (PFTrDA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroundecanoic acid (PFUnDA)	ng/l	1.9	U	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluroroctanesulfonamide (FOSA)	ng/l	1.9	U	1.9	U	1.9	J

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

				Media	GW		GW	
				Lab ID	TA-WSC		TA-WSC	
				Location	MW-205D		TW-702	
				Lab SDG	480-160062-1		480-160062-1	
				Field Sample Date	9/26/2019		9/26/2019	
				Field Sample ID	516008-MW205D025D		516008-TW702015	
				Qc Code	FD		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
PFAS	537 (Modified)	N	6:2 Fluorotelomer sulfonate (6:2 FTS)	ng/l	19	UJ	19	UJ
PFAS	537 (Modified)	N	8:2 Fluorotelomer sulfonate (8:2 FTS)	ng/l	19	U	19	UJ
PFAS	537 (Modified)	N	N-ethyl perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	ng/l	19	U	19	U
PFAS	537 (Modified)	N	N-methyl perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	ng/l	19	U	19	U
PFAS	537 (Modified)	N	Perfluorobutanesulfonic acid (PFBS)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorobutanoic acid (PFBA)	ng/l	1.9	U	140	U
PFAS	537 (Modified)	N	Perfluorodecanesulfonic acid (PFDS)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorodecanoic acid (PFDA)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorododecanoic acid (PFDoA)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroheptanesulfonic acid (PFHpS)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroheptanoic acid (PFHpA)	ng/l	0.61	J	1.9	U
PFAS	537 (Modified)	N	Perfluorohexanesulfonic acid (PFHxS)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorohexanoic acid (PFHxA)	ng/l	0.73	J	1.9	U
PFAS	537 (Modified)	N	Perfluorononanoic acid (PFNA)	ng/l	0.3	J	0.29	J
PFAS	537 (Modified)	N	Perfluorooctanessulfonic acid (PFOS)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorooctanoic acid (PFOA)	ng/l	2.3		2.3	
PFAS	537 (Modified)	N	Perfluoropentanoic acid (PFPeA)	ng/l	2.9	J	1.9	U
PFAS	537 (Modified)	N	Perfluorotetradecanoic acid (PFTeDA)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluorotridecanoic acid (PFTrDA)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluoroundecanoic acid (PFUnDA)	ng/l	1.9	U	1.9	U
PFAS	537 (Modified)	N	Perfluroroctanesulfonamide (FOSA)	ng/l	1.9	UJ	1.9	U

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SEEP		TW	
			Lab ID	TALBFLO		TALBFLO	
			Location	TP-H8A		HYDRANT	
			Lab SDG	480-159540-1		480-160062-1	
			Field Sample Date	9/18/2019		9/25/2019	
			Field Sample ID	516008-OU01 WATER		516008-HYDRANT	
			Qc Code	FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier
Metals	SW6010C	T	Aluminum	mg/l	14			
Metals	SW6010C	T	Antimony	mg/l	0.02	U		
Metals	SW6010C	T	Arsenic	mg/l	0.015	U		
Metals	SW6010C	T	Barium	mg/l	0.14			
Metals	SW6010C	T	Beryllium	mg/l	0.00087	J		
Metals	SW6010C	T	Cadmium	mg/l	0.0005	J		
Metals	SW6010C	T	Calcium	mg/l	97.8			
Metals	SW6010C	T	Chromium	mg/l	0.014			
Metals	SW6010C	T	Cobalt	mg/l	0.0097			
Metals	SW6010C	T	Copper	mg/l	0.0072	J		
Metals	SW6010C	T	Iron	mg/l	24.6			
Metals	SW6010C	T	Lead	mg/l	0.013			
Metals	SW6010C	T	Magnesium	mg/l	5.5			
Metals	SW6010C	T	Manganese	mg/l	0.44			
Metals	SW6010C	T	Nickel	mg/l	0.015			
Metals	SW6010C	T	Potassium	mg/l	2.9			
Metals	SW6010C	T	Selenium	mg/l	0.025	U		
Metals	SW6010C	T	Silver	mg/l	0.006	U		
Metals	SW6010C	T	Sodium	mg/l	57.6			
Metals	SW6010C	T	Thallium	mg/l	0.02	U		
Metals	SW6010C	T	Vanadium	mg/l	0.033			
Metals	SW6010C	T	Zinc	mg/l	0.16			
Mercury	SW7470A	T	Mercury	mg/l	0.0002	U		
Metals	SW6010C	D	Aluminum	mg/l	15			
Metals	SW6010C	D	Antimony	mg/l	0.02	U		
Metals	SW6010C	D	Arsenic	mg/l	0.015	U		
Metals	SW6010C	D	Barium	mg/l	0.15			
Metals	SW6010C	D	Beryllium	mg/l	0.00096	J		
Metals	SW6010C	D	Cadmium	mg/l	0.002	U		
Metals	SW6010C	D	Calcium	mg/l	107			
Metals	SW6010C	D	Chromium	mg/l	0.014			
Metals	SW6010C	D	Cobalt	mg/l	0.01			
Metals	SW6010C	D	Copper	mg/l	0.0077	J		

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

			Media	SEEP		TW	
			Lab ID	TALBFLO		TALBFLO	
			Location	TP-H8A		HYDRANT	
			Lab SDG	480-159540-1		480-160062-1	
			Field Sample Date	9/18/2019		9/25/2019	
			Field Sample ID	516008-OU01 WATER		516008-HYDRANT	
			Qc Code	FS		FS	
Method Class	**Method**	**Fraction**	**Parameter**	**Units**	Result Qualifier	Result	Qualifier
Metals	SW6010C	D	Iron	mg/l	26.1		
Metals	SW6010C	D	Lead	mg/l	0.0074 J		
Metals	SW6010C	D	Magnesium	mg/l	5.8		
Metals	SW6010C	D	Manganese	mg/l	0.47		
Metals	SW6010C	D	Nickel	mg/l	0.016		
Metals	SW6010C	D	Potassium	mg/l	2.9		
Metals	SW6010C	D	Selenium	mg/l	0.025 U		
Metals	SW6010C	D	Silver	mg/l	0.006 U		
Metals	SW6010C	D	Sodium	mg/l	62.8		
Metals	SW6010C	D	Thallium	mg/l	0.02 U		
Metals	SW6010C	D	Vanadium	mg/l	0.035		
Metals	SW6010C	D	Zinc	mg/l	0.18		
Mercury	SW7470A	D	Mercury	mg/l	0.0002 U		
Chlorine	SM4500-Cl	N	Chlorine	mg/l	0.08 J	0.32	J
IOC	SM2540C	D	Total Dissolved Solids	mg/l	1,260	207	J
IOC	SM2540D	N	Total Suspended Solids	mg/l	74.5	4	UJ
IOC	SM5210B	N	Biochemical Oxygen Demand	mg/l	12 UJ		
IOC	SW9040C	N	pH	pH Units	5.94 J	7.37	J
IOC	SW9040C	N	Temperature	deg c	17.2 J	20	J
TOC	SM5310D	T	Total Organic Carbon	mg/l	23.2	1	U

TABLE 3 - SUMMARY OF QUALIFICATION ACTIONS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

SDG	Analysis Method	Location	Lab Sample Id	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validation Qualifier	Val Reason Code	Units
480-159540-1	1664	TP-H8A	480-159540-1	516008-OU01 WATER	OIL AND GREASE	4.3	J B	5.2	U	BL1	mg/l
480-159540-1	SM4500-ClG	TP-H8A	480-159540-1	516008-OU01 WATER	Chlorine	0.08	HF	0.08	J	HTG	mg/l
480-159540-1	SM5210B	TP-H8A	480-159540-1	516008-OU01 WATER	Biochemical Oxygen Demand	12	U H H3	12	UJ	HT	mg/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	4,4'-DDD	0.26		0.26	J+	SSH	ug/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	Aldrin	0.026	J	0.026	J+	SSH	ug/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	Alpha-BHC	0.99		0.99	J+	SSH	ug/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	Beta-BHC	0.081		0.081	J+	SSH	ug/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	Heptachlor	0.044	J	0.044	J+	SSH	ug/l
480-159540-1	SW8081B	TP-H8A	480-159540-1	516008-OU01 WATER	Heptachlor epoxide	0.14		0.14	J+	SSH	ug/l
480-159540-1	SW8260C	TP-H8A	480-159540-1	516008-OU01 WATER	Dichlorodifluoromethane	1	U *	1	UJ	LCSL	ug/l
480-159540-1	SW8270D	TP-H8A	480-159540-1	516008-OU01 WATER	Benzaldehyde	50	U	50	UJ	ICVRSD	ug/l
480-159540-1	SW8270D	TP-H8A	480-159540-1	516008-OU01 WATER	Caprolactam	50	U	50	UJ	LCSL	ug/l
480-159540-1	SW8270D	TP-H8A	480-159540-1	516008-OU01 WATER	Pentachlorophenol	100	U	100	UJ	ICVRSD	ug/l
480-159540-1	SW9040C	TP-H8A	480-159540-1	516008-OU01 WATER	pH	5.94	HF	5.94	J	HTG	pH Units
480-159540-1	SW9040C	TP-H8A	480-159540-1	516008-OU01 WATER	Temperature	17.2	HF	17.2	J	HTG	deg c
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Benzene	91	U H	91	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Ethylbenzene	91	U H	91	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Toluene	91	U H	91	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Total BTEX	180	U H	180	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Xylene, o	91	U H	91	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Xylenes (m&p)	180	U H	180	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-H3D	480-159563-5	HA-H3D01	Xylenes, Total	180	U H	180	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Benzene	44	U H	44	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Ethylbenzene	44	U H	44	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Toluene	44	U H	44	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Total BTEX	87	U H	87	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Xylene, o	44	U H	44	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Xylenes (m&p)	87	U H	87	UJ	HT	ug/kg
480-159563-1	SW8260C	HA-J2C	480-159563-6	HA-J2C01	Xylenes, Total	87	U H	87	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Benzene	480	U H	480	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Ethylbenzene	480	U H F1	480	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Toluene	480	U H	480	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Total BTEX	950	U H	950	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Xylene, o	480	U H	480	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Xylenes (m&p)	950	U H F1	950	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-C3D	480-159563-3	TP-C3D03	Xylenes, Total	950	U H F1	950	UJ	HT	ug/kg

Created by: KMS 12/09/2019
Checked by: LLK 12/09/2019

TABLE 3 - SUMMARY OF QUALIFICATION ACTIONS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

SDG	Analysis Method	Location	Lab Sample Id	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validation Qualifier	Val Reason Code	Units
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Benzene	100	U H	100	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Benzene	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Ethylbenzene	100	U H	100	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Ethylbenzene	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Toluene	100	U H	100	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Toluene	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Total BTEX	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Total BTEX	400	U H	400	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Xylene, o	100	U H	100	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Xylene, o	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Xylenes (m&p)	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Xylenes (m&p)	400	U H	400	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-1	TP-D3D04	Xylenes, Total	200	U H	200	UJ	HT	ug/kg
480-159563-1	SW8260C	TP-D3D	480-159563-2	TP-D3D04D	Xylenes, Total	400	U H	400	UJ	HT	ug/kg
480-159588-1	SW9045D	OU01 CENTRAL DEEP	480-159588-3	516008-OU01 CENTRAL DEEP	pH	4.7	HF	4.7	J	HTG	pH Units
480-159588-1	SW9045D	OU01 CENTRAL DEEP	480-159588-3	516008-OU01 CENTRAL DEEP	Temperature	19.9	HF	19.9	J	HTG	deg c
480-159588-1	SW8270D	OU01 CENTRAL SHALLOW	480-159588-2	516008-OU01 CENTRAL SHALLOW	Pyridine	1	U	1	UJ	LCSL	mg/l
480-159588-1	SW9045D	OU01 CENTRAL SHALLOW	480-159588-2	516008-OU01 CENTRAL SHALLOW	pH	4.9	HF	4.9	J	HTG	pH Units
480-159588-1	SW9045D	OU01 CENTRAL SHALLOW	480-159588-2	516008-OU01 CENTRAL SHALLOW	Temperature	20	HF	20	J	HTG	deg c
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Benzene	450	U H	450	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Ethylbenzene	450	U H	450	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Toluene	450	U H	450	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Total BTEX	900	U H	900	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Xylene, o	450	U H	450	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Xylenes (m&p)	900	U H	900	UJ	HT	ug/kg
480-159588-1	SW8260C	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Xylenes, Total	900	U H	900	UJ	HT	ug/kg
480-159588-1	SW8270D	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Pyridine	0.1	U	0.1	UJ	LCSL	mg/l
480-159588-1	SW9045D	OU01 NORTH	480-159588-1	516008-OU01 NORTH	pH	6	HF	6	J	HTG	pH Units
480-159588-1	SW9045D	OU01 NORTH	480-159588-1	516008-OU01 NORTH	Temperature	20.2	HF	20.2	J	HTG	deg c
480-160062-1	SM2540C	HYDRANT	480-160062-1	516008-HYDRANT	Total Dissolved Solids	207	H	207	J	HT	mg/l
480-160062-1	SM2540D	HYDRANT	480-160062-1	516008-HYDRANT	Total Suspended Solids	4	U H	4	UJ	HT	mg/l
480-160062-1	SM4500-ClG	HYDRANT	480-160062-1	516008-HYDRANT	Chlorine	0.32	HF	0.32	J	HTG	mg/l
480-160062-1	SW9040C	HYDRANT	480-160062-1	516008-HYDRANT	pH	7.37	HF	7.37	J	HTG	pH Units
480-160062-1	SW9040C	HYDRANT	480-160062-1	516008-HYDRANT	Temperature	20	HF	20	J	HTG	deg c
480-160062-1	537 (Modified)	MW-108	480-160062-8	516008-MW108019	Perfluorohexanesulfonic acid (PFHxS)	0.4	J B	1.9	U	BL1	ng/l
480-160062-1	537 (Modified)	MW-204	480-160062-11	516008-MW204023	Perfluorohexanesulfonic acid (PFHxS)	0.44	J B	1.9	U	BL1	ng/l

TABLE 3 - SUMMARY OF QUALIFICATION ACTIONS
CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

SDG	Analysis Method	Location	Lab Sample Id	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validation Qualifier	Val Reason Code	Units
480-160062-1	537 (Modified)	MW-205D	480-160062-9	516008-MW205D025	6:2 Fluorotelomer sulfonate (6:2 FTS)	19	U	19	UJ	ISH	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-10	516008-MW205D025D	6:2 Fluorotelomer sulfonate (6:2 FTS)	19	U	19	UJ	ISH	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-9	516008-MW205D025	Perfluorohexanesulfonic acid (PFHxS)	0.58	J B	1.9	U	BL1	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-10	516008-MW205D025D	Perfluorohexanesulfonic acid (PFHxS)	0.57	J B	1.9	U	BL1	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-9	516008-MW205D025	Perfluoropentanoic acid (PFPeA)	1.9	U	1.9	UJ	FD	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-10	516008-MW205D025D	Perfluoropentanoic acid (PFPeA)	2.9		2.9	J	FD	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-9	516008-MW205D025	Perfluroroctanesulfonamide (FOSA)	1.9	B	1.9	J	FD	ng/l
480-160062-1	537 (Modified)	MW-205D	480-160062-10	516008-MW205D025D	Perfluroroctanesulfonamide (FOSA)	0.7	J B	1.9	UJ	BL1, FD	ng/l
480-160062-1	537 (Modified)	TW-702	480-160062-12	516008-TW702015	6:2 Fluorotelomer sulfonate (6:2 FTS)	19	U	19	UJ	ISH	ng/l
480-160062-1	537 (Modified)	TW-702	480-160062-12	516008-TW702015	8:2 Fluorotelomer sulfonate (8:2 FTS)	19	U	19	UJ	ISH	ng/l

CATEGORY A REVIEW REPORT
SEPTEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI)
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

ATTACHMENT A

PCBs

no quals

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: NYSDEC, Sonnac Lake OU1
Method : 8082A
Laboratory and SDG(s): TAL Buffalo #480-159269-1
Date: 10/30/2019
Reviewer: Liesel Kout
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   There is no holding time requirement in Method 8082 (Chapter 4, Table 4-1 of SW-846)

   Were samples properly preserved? (YES) NO (circle one)

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs

6. [✓] **Matrix Spike** (soil and water limits: 29-135% and RPD of 20, RPD is 15 for Aroclor 1016)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one)

   Were all results were within limits? YES NO (NA) (circle one) no MS/MSDs

7. [✓] **Field Duplicates** (RPD limits for soil=100, water =50)
   Were Field Duplicates submitted/analyzed? YES (NO)

   no FD

   Were RPDs within the limits? YES NO (NA) (circle one)

9. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one) · ~~all samples~~ LLC 10/30/2019

10. [✓] **Electronic Data Review and Edits**

    Does the EDD match the Form I's? (YES) NO (circle one)

11. [✓] **Table Review** **Table 1** (sample Listing), **Table 2** (results summary), **Table 3** (Reason Codes).
    Table 1 (Samples and Analytical Methods)
    Table 2 (Analytical Results)
    Table 3 (Qualification Actions)

    Were all tables produced and reviewed? (YES) NO (circle one)

12. ✓LCS (50-150 %R)✓ all within limits

13. ✓Surr (30-150 %R) - see attached - no quals

no quals

METALS

NYSDEC CATEGORY A REVIEW RECORD
Project: NYSDEC Saranac Lake OU1
Method : 6010C
Laboratory and SDG(s): TAL Buffalo # 480-159269-1
Date: 10/30/2019
Reviewer: Liesel Krut

Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one) see narrative for explanation of changes after original COC

Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
Were all samples prepared and analyzed with the holding time (6 months)? (YES) NO

3. [✓] **QC Blanks**
Are method blanks free of contamination? (YES) NO (circle one)

Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

4. [✓] **Matrix Spike**
Were MS/MSDs submitted/analyzed? YES (NO)

Were all results were within 75-125% limits? YES NO (NA) (circle one) no MS/MSD

5. [✓] **Field Duplicates**
Were Field Duplicates submitted/analyzed? YES (NO)

Aqueous RPD within limit? (20) YES NO (NA) (circle one) no FD
Soil RPD within limit? (35) YES NO (NA) (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) no elevated RLs reported because all samples detections

7. [✓] **Electronic Data Review and Edits:** Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review:**
Table 1 (Samples and Analytical Methods)
Table 2 (Analytical Results)
Table 3 (Qualification Actions)
Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (80-120 %R) validation limits

Job Narrative
480-159269-1

Comments
No additional comments.

Receipt
The samples were received on 9/17/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2° C.

Receipt Exceptions
Insufficient sample volume was provided for the following sample : TCLP- SLGC- 01 (480-159269-6). The analyst indicated that the sample container did not contain sample; okay - paint chip

The following sample was activated for total lead analysis by the client on 9/19/19: TCLP- SLGC- 01 (480-159269-6). This analysis was not originally requested on the chain-of-custody (COC). The original request was for TCLP Lead, but there was insufficient sample for TCLP. okay

The moisture determination was cancelled on these samples due to insufficient sample. Only limited volume had been received. Samples are reported on an as-received basis. okay
PCB - SLGC- 01 (480-159269-1), PCB - SLGC- 02 (480-159269-2), PB - SLGC- 01 (480-159269-3), PB - SLGC- 02 (480-159269-4) and PB - SLGC- 03 (480-159269-5)

GC Semi VOA
Method(s) 8082A: All primary data for analytical batch 493824 is reported from the ZB-35 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8082A: The continuing calibration verification (CCV 480-493824/7) associated with analytical batch 480-493824 recovered above the upper control limit for PCB-1262. The samples associated with this CCV were non-detect for this analyte; therefore, the data have been reported. The following samples are impacted: PCB - SLGC- 01 (480-159269-1) and PCB - SLGC- 02 (480-159269-2). okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 3050B: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PB - SLGC- 02 (480-159269-4) and PB - SLGC- 03 (480-159269-5). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 6010C: The following samples were diluted due to the presence of Total Aluminum which interferes with Lead: PB - SLGC- 01 (480-159269-3) and PB - SLGC- 02 (480-159269-4). Elevated reporting limits (RLs) are provided. okay okay

Method(s) 6010C: The following sample was diluted due to the presence of Total Aluminum which interferes with Lead: TCLP- SLGC- 01 (480-159269-6). Elevated reporting limits (RLs) are provided. okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

UK 10/30/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-159269-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

30-150

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-159269-1	PCB - SLGC- 01	98	79	78	72
480-159269-2	PCB - SLGC- 02	86	83	79	75
LCS 480-493352/2-A	Lab Control Sample	133	127	158	140
MB 480-493352/1-A	Method Blank	117	110	130	116

no quals - LCS

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

LK 10/30/2019

VOCs

PROJECT CATEGORY A REVIEW RECORD
Project: DMSOEC Saranac Lake OUI
Method : SW-846 8260C
Laboratory: TAL Buffalo **SDG(s):** 480-159540-1
Date: 10/30/2019
Reviewer: Liesel Knut
Review Level [X] CATEGORY A

1. [✓] Case **Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? Yes - see narrative attached
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)
2. [✓] **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. (YES) NO (circle one)
3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are Trip blanks free of contamination? (YES) NO (circle one)
   Are Rinse blanks free of contamination? YES NO (NA) (circle one) No RB
4. [✓] **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)
   Were MS/MSDs submitted/analyzed? YES (NO)
   Were all results within the Region II limits? YES NO (NA) (circle one) no MS/MSD
5. [✓] **Field Duplicates** - Region II Limits (water RPD 50, soil RPD 100)
   Were Field Duplicates submitted/analyzed? YES (NO)
   Were all results within Region II Limits? YES NO (NA) (circle one) no FD
6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)
7. [✓] **Electronic Data Review and Edits**
   Does the EDD match the Form Is? (YES) NO (circle one)
8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)
   Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

9. LCS (70-130) - see attached for qmals
   (DS) dichlorodifluoromethane

10. Surrogates (80-120) - all within limits

SVOC

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: NYSDEC Sumac Lake OU1
Method : SW-846 8270D
Laboratory and SDG(s): TAL Buffalo **SDG#** 480-159540-1
Date: 10/30/2019
Reviewer: Liesel Knut
Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? (YES) NO (circle one) see attached narrative
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   Were all water samples extracted within the 7 day holding time, and/or soil within 14 days? Yes

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are field blanks free of contamination? YES NO (NA) (circle one) no FB

4. [✓] **Matrix Spike** (water & soil limits: Base/neutral 50-140; Acid 30-140; RPD water = 20; RPD soil = 35)
   Were MS/MSDs submitted/analyzed? YES (NO)
   Were all results were within limits? YES NO (NA) (circle one) no MS/MSD

5. [✓] **Field Duplicates** (RPD limits = water:50, soil:100)
   Were Field Duplicates submitted/analyzed? YES (NO)
   Were RPDs within criteria. YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) 10x dilution - elevated RLs

7. [✓] **Electronic Data Review and Edits:** Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. [✓] LCS (50-140 %R for BN ; 30-140 %R for Acidic) - see attached for (U5) caprolactam quals

10. [✓] Surrogates (50-140 %R for BN ; 30-140 %R for Acidic) - all within limits

*See narrative for IC quals

PESTICIDES

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: NYSDEC Saranac Lake OU1
Method : 8081B
Laboratory and SDG(s): TAL Buffalo #480-159540-1
Date: 10/30/2019
Reviewer: Liesel Knott

Review Level [X] Category A

1. **Case Narrative Review and Data Package Completeness** COMMENTS

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. **Holding time (HT) and Sample Collection**
   Aqueous is 7days to extraction, solid is 14 days. HT met for all samples? (YES) NO (circle one)

   Were samples properly preserved? (YES) NO

3. **QC Blanks**
   Are method blanks free of contamination? YES (NO) (circle one) see attached - no qual

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

4. **Matrix Spike** (Use lab limits) (refer to limits listed in SOP HW-44 Oct 2006 if no lab limits are listed)

   Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD

   Were all results were within laboratory limits? YES NO (NA) (circle one)

5. **Field Duplicates** (RPD limits for soil=100, water = 50)

   Were Field Duplicates submitted/analyzed? YES (NO) no FD

   Were RPDs within the limits? YES NO (NA) (circle one)

6. **Electronic Data Review and Edits**: Does the EDD match the Form I's? (YES) NO (circle one)

7. **Reporting Limits**: Were samples analyzed at a dilution? YES (NO) (circle one)

8. **Table Review**:
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. YES (lab limits) all within limits
   low surrogates (30-150) - see attached for quals
   (5%) detections

no quals

PCBs

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: NYSDEC Sunnah Lake OU1
Method : 8082A
Laboratory and SDG(s): TAL Buffalo 480-159540-1
Date: 10/30/2019
Reviewer: Liesel Knott
Review Level [X] Category A Review

1. ☑ **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. ☑ **Holding time and Sample Collection**
   There is no holding time requirement in Method 8082 (Chapter 4, Table 4-1 of SW-846)

   Were samples properly preserved? (YES) NO (circle one)

3. ☑ **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

6. ☑ **Matrix Spike** (soil and water limits: 29-135% and RPD of 20, RPD is 15 for Aroclor 1016)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one)

   Were all results were within limits? YES NO (NA) (circle one) no MS/MSD

7. ☑ **Field Duplicates** (RPD limits for soil=100, water = 50)
   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within the limits? YES NO (NA) (circle one) no FD

9. ☑ **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

10. ☑ **Electronic Data Review and Edits**

    Does the EDD match the Form I's? (YES) NO (circle one)

11. ☑ **Table Review** **Table 1** (sample Listing), **Table 2** (results summary), **Table 3** (Reason Codes).
    Table 1 (Samples and Analytical Methods)
    Table 2 (Analytical Results)
    Table 3 (Qualification Actions)

    Were all tables produced and reviewed? (YES) NO (circle one)

12. ☑ LCS (50-150 %R) - all within limits

13. ☑ Surrogate (30-150 %R) - all within limits

no quals

METALS

NYSDEC CATEGORY A REVIEW RECORD
Project: NYSDEC Sarnac Lake OU1
Method : 6010C, 7470A
Laboratory and SDG(s): TAL Buffalo #480-159540-1
Date: 10/30/2019
Reviewer: Liesel Knot

Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
Were all samples prepared and analyzed with the holding time (6 months)? (YES) NO

3. [✓] **QC Blanks**
Are method blanks free of contamination? YES (NO) (circle one) see attached - no quals

Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

4. [✓] **Matrix Spike**
Were MS/MSDs submitted/analyzed? YES (NO)

Were all results were within 75-125% limits? YES NO (NA) (circle one) no MS/MSDs

5. [✓] **Field Duplicates**
Were Field Duplicates submitted/analyzed? YES (NO) no FD

Aqueous RPD within limit? (20) YES NO (NA) (circle one)
Soil RPD within limit? (35) YES NO (NA) (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits:** Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review**:
Table 1 (Samples and Analytical Methods)
Table 2 (Analytical Results)
Table 3 (Qualification Actions)
Were all tables produced and reviewed? (YES) NO (circle one)

q. ✓ LCS (80-120%) - all within limits

GENERAL CHEMISTRY

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: NYSDEC Sumac Lake OU1
Method : 1664B-HEM, SGT-HEM, 9040C, 2540C, 2540D, 4500 CIG, 5210B, 5310D
Laboratory and SDG(s): TAL Buffalo
Date: 10/30/2019
Reviewer: Cresp I Knott
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**

   Were all samples properly preserved? (YES) NO (circle one)

   Were all samples analyzed within the method/project holding times? YES (NO) (circle one) see narrative

3. [✓] **QC Blanks**

   Are method blanks free of contamination? YES (NO) (circle one) see attached

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

   attached
   ~~N~~ J - LLR 12/04/2019 BOD,
   (J) pH, Temp, Chlorine
   Oil and Grease (U)

4. [✓] **Matrix Spike** (Lab Limits)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one)

   Were all results were within limits? YES NO (NA) (circle one) no MS/MSD

5. [✓] **Field Duplicates** (RPD limits for soil=100, water=50)

   Were Field Duplicates submitted/analyzed? YES (NO) no FD

   Were RPDs within the limits? YES NO (NA) (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one)

7. [✓] **Electronic Data Review and Edits**

   Does the EDD match the Form Is? (YES) NO (circle one)

   BOD analyzed at 2x dilution elevated RL (already R)

8. [✓] **Table Review:**

   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

QC LCS (80-120) all within limits

Job Narrative
480-159540-1

Receipt
The samples were received on 9/21/2019 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-494298 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample is impacted: TB-091819 (480-159540-2). okay

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-494798 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample is impacted: 516008-OU01 WATER (480-159540-1). okay

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-494798 recovered outside acceptance criteria, low biased, for Carbon disulfide, Cyclohexane, Vinyl chloride, Chloromethane, 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported. The following sample is impacted:516008-OU01 WATER (480-159540-1). okay

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-494798 recovered outside control limits for the following analyte: Dichlorodifluoromethane. This analyte has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. The following sample is impacted:516008-OU01 WATER (480-159540-1). see attached - UJ dichlorodifluoromethane

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: 516008-OU01 WATER (480-159540-1). Elevated reporting limits (RLs) are provided. okay

Method(s) 8270D: The initial calibration curve analyzed in analytical batch 480-493015 and associated with analytical batch 480-493789 was outside method criteria for the analytes Benzaldehyde and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for these analytes is considered an estimated concentration. UJ for both

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: For method 8081, the recovery of one surrogate in sample 516008-OU01 WATER (480-159540-1) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required. J+ detections and noqual for nondetects

Method(s) 8081B: All primary data for analytical batch 494221 are reported from the RTX-CLPII column.

Method(s) 8082A: The continuing calibration verification (CCV) associated with batch 480-495009 recovered above the upper control limit for PCB-1232. PCB-1262, and PCB-1248. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: 516008-OU01 WATER (480-159540-1).

Method(s) 8082A: The laboratory control sample duplicate (LCSD) for preparation batch 480-494101 and analytical batch 480-495009 recovered outside control limits for the following analytes: PCB-1016 and PCB-1260. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported. The following sample is impacted:516008-OU01 WATER (480-159540-1). okay see attached - not outside Reg II limits - no quals

Method(s) 8082A: The continuing calibration verification (CCV 480-494825/5) associated with analytical batch 480-494825 recovered above the upper control limit for PCB-1262. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. okay

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount, individual peak calculations are only listed for completeness.

Method(s) 8082A: All primary data for analytical batches 494825 and 495009 are reported from the ZB-35 column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LLK 11/20/2019

General Chemistry

Method(s) SM 2540C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-OU01 WATER (480-159540-1). The reporting limits (RLs) have been adjusted proportionately. okay

Method(s) SM 2540D: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-OU01 WATER (480-159540-1). The reporting limits (RLs) have been adjusted proportionately. Okay

Method(s) SM 4500 Cl G: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-OU01 WATER (480-159540-1). J J LLK 11/20/2019

Method(s) SM 5210B: The following sample was received outside of holding time: 516008-OU01 WATER (480-159540-1). J R = ~92hrs out of 48hr hold

Method(s) SM 5210B: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-OU01 WATER (480-159540-1). The reporting limits (RLs) have been adjusted proportionately. okay

Method(s) SM 5210B: All the dilutions failed to deplete the method-required 2 mg O2/L for the following sample: 516008-OU01 WATER (480-159540-1). Only a "less than" result could be calculated from the least dilute preparation. okay

Method(s) 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-OU01 WATER (480-159540-1). J

Method(s) 9040C: For analytical batch 480-493689 there is no raw instrument data due to laboratory error. The data results are uploaded directly from the instrument: 516008-OU01 WATER (480-159540-1) okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LLK 11/20/2019

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-159540-1 Analy Batch No.: 493015

SDG No.:

Instrument ID: HP5973W GC Column: RXI-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2019 16:44 Calibration End Date: 09/19/2019 20:04 Calibration ID: 37724

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 480-493015/2	W2917.D
Level 2	IC 480-493015/3	W2918.D
Level 3	IC 480-493015/4	W2919.D
Level 4	IC 480-493015/5	W2920.D
Level 5	ICIS 480-493015/6	W2921.D
Level 6	IC 480-493015/7	W2922.D
Level 7	IC 480-493015/8	W2923.D
Level 8	IC 480-493015/9	W2924.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.4720	0.4600 0.4478	0.4526 0.4559	0.4723	0.4571	Ave		0.4597			0.0100	2.0		20.0			
N-Nitrosodimethylamine	0.8284	0.8250 0.7796	0.7630 0.8026	0.8110	0.8144	Ave		0.8034			0.0100	3.0		20.0			
Pyridine	0.7947	0.7471 0.7502	0.7384 0.7842	0.7145	0.7566	Lin2	-0.010	0.7595			0.0100	3.8		20.0	0.9990		0.9900
Benzaldehyde	0.9907	0.9938 0.8910	1.0702 0.8510	1.0614	0.4559	Ave		0.9020			0.0100	23.6	*	20.0			
Phenol	1.4910	1.4175 1.4162	1.4630 1.4903	1.3852	1.4300	Ave		1.4419			0.8000	2.8		20.0			
Aniline	1.7454	1.6254 1.6949	1.6148 1.7313	1.7185	1.7035	Ave		1.6905			0.0100	3.0		20.0			
Bis(2-chloroethyl)ether	1.1839	0.9188 1.0540	1.1442 1.1568	1.1775	1.1408	Ave		1.1109			0.7000	8.5		20.0			
2-Chlorophenol	1.4020	1.1125 1.3115	1.3338 1.3823	1.3661	1.3853	Ave		1.3276			0.8000	7.5		20.0			
n-Decane	1.3484	1.3116 1.2963	1.3070 1.3404	1.2288	1.3171	Ave		1.3071			0.0100	3.0		20.0			
1,3-Dichlorobenzene	1.6973	1.5783 1.5925	1.5923 1.6321	1.6411	1.6106	Ave		1.6206			0.0100	2.5		20.0			
1,4-Dichlorobenzene	1.7150	1.5567 1.5914	1.6112 1.6761	1.6339	1.6850	Ave		1.6385			0.0100	3.4		20.0			
Benzyl alcohol	0.8127	0.5199 0.8047	0.7046 0.8330	0.7525	0.7638	Lin2	-0.073	0.8048			0.0100	3.0			0.9990		0.9900
1,2-Dichlorobenzene	1.5971	1.4702 1.5227	1.6112 1.6029	1.4985	1.5555	Ave		1.5511			0.0100	3.6		20.0			
2-Methylphenol	1.2199	1.2037 1.1023	1.1066 1.2079	1.1482	1.1977	Ave		1.1695			0.7000	4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-159540-1 Analy Batch No.: 493015

SDG No.:

Instrument ID: HP5973W GC Column: RXI-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2019 16:44 Calibration End Date: 09/19/2019 20:04 Calibration ID: 37724

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Hexadecane	0.7758	0.7251 0.7586	0.6775 0.7402	0.7204	0.7529	Ave		0.7358			0.0100	4.4		20.0			
Diethyl phthalate	1.5755	1.5600 1.5415	1.4634 1.4768	1.5135	1.5534	Ave		1.5263			0.0100	2.8		20.0			
4-Chlorophenyl phenyl ether	0.7276	0.7075 0.7105	0.6797 0.7006	0.6844	0.7232	Ave		0.7048			0.4000	2.6		20.0			
Fluorene	1.3216 1.4365	1.5228 1.4552	1.3436 1.4201	1.3821	1.4184	Ave		1.4125			0.9000	4.5		20.0			
4-Nitroaniline	0.3577	0.2913 0.3372	0.2785 0.3385	0.2982	0.3138	Lin2	-0.012	0.3264			0.0100	8.0			0.9940		0.9900
4,6-Dinitro-2-methylphenol	0.1395	+++++ 0.1445	0.0915 0.1462	0.1029	0.1246	Lin2	-0.120	0.1451			0.0100	5.6			0.9960		0.9900
Diphenylamine	0.7140	0.6237 0.6929	0.6408 0.6942	0.6826	0.6815	Ave		0.6757			0.0100	4.7		20.0			
N-Nitrosodiphenylamine	0.6105	0.5332 0.5924	0.5479 0.5935	0.5836	0.5827	Ave		0.5777			0.0100	4.7		20.0			
1,2-Diphenylhydrazine	1.2964	1.3251 1.2779	1.2005 1.2511	1.2819	1.3067	Ave		1.2771			0.0100	3.2		20.0			
trans-Azobenzene	0.7783	0.8014 0.7528	0.7351 0.7593	0.7504	0.7588	Ave		0.7623			0.0100	2.8		20.0			
4-Bromophenyl phenyl ether	0.2837	0.2482 0.2863	0.2679 0.2753	0.2678	0.2699	Ave		0.2713			0.1000	4.6		20.0			
Hexachlorobenzene	0.3109	0.3464 0.3127	0.2991 0.3182	0.2965	0.3099	Ave		0.3134			0.1000	5.2		20.0			
Atrazine	0.4480	0.4168 0.4146	0.4300 0.3797	0.4437	0.4556	Ave		0.4269			0.0100	6.1		20.0			
n-Octadecane	0.4581	0.4305 0.4522	0.4170 0.4556	0.4420	0.4381	Ave		0.4419			0.0100	3.4		20.0			
Pentachlorophenol	0.1366	0.0356 0.1441	0.0589 0.1585	0.0830	0.1041	Lin2	-0.051	0.1250			~~0.0500~~	24.7			0.9410	*	0.9900
Phenanthrene	1.1608 1.1887	1.1245 1.1904	1.1535 1.1639	1.1372	1.1396	Ave		1.1573			0.7000	2.1		20.0			
Anthracene	1.0399 1.2346	1.1803 1.1885	1.1734 1.1603	1.1627	1.1754	Ave		1.1644			0.7000	4.8		20.0			
Carbazole	0.9554	1.0470 0.9703	1.0072 0.9793	0.8957	0.8470	Ave		0.9574			0.0100	7.0		20.0			
Di-n-butyl phthalate	1.4911	1.4926 1.4242	1.4648 1.3646	1.4132	1.4733	Ave		1.4463			0.0100	3.3		20.0			
Fluoranthene	1.3457 1.3451	1.2986 1.3436	1.3204 1.3095	1.3012	1.3420	Ave		1.3258			0.6000	1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

11/20/2019

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-494798/6
Matrix: Water
Analysis Batch: 494798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

70-130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.8		ug/L		91	77 - 120
1,1-Dichloroethene	25.0	20.6		ug/L		82	66 - 127
1,2,4-Trichlorobenzene	25.0	22.8		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.2		ug/L		89	56 - 134
1,2-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	25.2		ug/L		101	76 - 120
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.7		ug/L		95	80 - 120
2-Butanone (MEK)	125	153		ug/L		123	57 - 140
2-Hexanone	125	137		ug/L		109	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	160		ug/L		128	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	24.2		ug/L		97	80 - 122
Bromoform	25.0	23.6		ug/L		94	61 - 132
Bromomethane	25.0	20.5		ug/L		82	55 - 144
Carbon disulfide	25.0	19.5		ug/L		78	59 - 134
Carbon tetrachloride	25.0	20.1		ug/L		81	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Chloroethane	25.0	18.2		ug/L		73	69 - 136
Chloroform	25.0	22.4		ug/L		89	73 - 127
Chloromethane	25.0	18.6		ug/L		74	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	74 - 124
Cyclohexane	25.0	19.6		ug/L		78	59 - 135
Dichlorodifluoromethane J- (U5)	25.0	12.5 *		ug/L		50	59 - 135
Ethylbenzene	25.0	24.0		ug/L		96	77 - 123
1,2-Dibromoethane	25.0	26.2		ug/L		105	77 - 120
Isopropylbenzene	25.0	22.9		ug/L		92	77 - 122
Methyl acetate	50.0	49.7		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	24.0		ug/L		96	77 - 120
Methylcyclohexane	25.0	19.3		ug/L		77	68 - 134
Methylene Chloride	25.0	24.2		ug/L		97	75 - 124
Styrene	25.0	25.1		ug/L		101	80 - 120
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	21.6		ug/L		86	73 - 127
trans-1,3-Dichloropropene	25.0	24.9		ug/L		99	80 - 120
Trichloroethene	25.0	22.3		ug/L		89	74 - 123
Trichlorofluoromethane	25.0	19.0		ug/L		76	62 - 150
Vinyl chloride	25.0	18.0		ug/L		72	65 - 133
Bromochloromethane	25.0	25.4		ug/L		102	72 - 130
1,4-Dioxane	500	447		ug/L		89	50 - 150
1,2,3-Trichlorobenzene	25.0	22.2		ug/L		89	75 - 123

LLK 11/20/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-493595/2-A
Matrix: Water
Analysis Batch: 493789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 493595

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrophenol	64.0	54.2		ug/L		85	31 - 137
2,4-Dinitrotoluene	32.0	31.6		ug/L		99	69 - 120
2,6-Dinitrotoluene	32.0	32.2		ug/L		101	68 - 120
2-Chloronaphthalene	32.0	28.3		ug/L		88	58 - 120
2-Chlorophenol	32.0	26.0		ug/L		81	48 - 120
2-Methylphenol	32.0	26.6		ug/L		83	39 - 120
2-Methylnaphthalene	32.0	29.1		ug/L		91	59 - 120
2-Nitroaniline	32.0	28.9		ug/L		90	54 - 127
2-Nitrophenol	32.0	28.6		ug/L		89	52 - 125
3,3'-Dichlorobenzidine	64.0	60.6		ug/L		95	49 - 135
3-Nitroaniline	32.0	24.9		ug/L		78	51 - 120
4,6-Dinitro-2-methylphenol	64.0	67.9		ug/L		106	46 - 136
4-Bromophenyl phenyl ether	32.0	30.6		ug/L		96	65 - 120
4-Chloro-3-methylphenol	32.0	28.6		ug/L		89	61 - 123
4-Chloroaniline	32.0	24.0		ug/L		75	30 - 120
4-Chlorophenyl phenyl ether	32.0	31.4		ug/L		98	62 - 120
4-Methylphenol	32.0	26.7		ug/L		84	29 - 131
4-Nitroaniline	32.0	29.8		ug/L		93	65 - 120
4-Nitrophenol	64.0	54.5		ug/L		85	45 - 120
Acenaphthene	32.0	29.8		ug/L		93	60 - 120
Acenaphthylene	32.0	29.1		ug/L		91	63 - 120
Acetophenone	32.0	28.5		ug/L		89	45 - 120
Anthracene	32.0	30.4		ug/L		95	67 - 120
Atrazine	64.0	73.8		ug/L		115	71 - 130
Benzaldehyde	64.0	59.9		ug/L		94	10 - 140
Benzo[a]anthracene	32.0	30.7		ug/L		96	70 - 121
Benzo[a]pyrene	32.0	30.1		ug/L		94	60 - 123
Benzo[b]fluoranthene	32.0	32.0		ug/L		100	66 - 126
Benzo[g,h,i]perylene	32.0	33.5		ug/L		105	66 - 150
Benzo[k]fluoranthene	32.0	30.7		ug/L		96	65 - 124
Bis(2-chloroethoxy)methane	32.0	27.0		ug/L		84	50 - 128
Bis(2-chloroethyl)ether	32.0	25.9		ug/L		81	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	31.2		ug/L		97	63 - 139
Butyl benzyl phthalate	32.0	30.0		ug/L		94	70 - 129
Caprolactam	64.0	23.7		ug/L		37	22 - 120
Carbazole	32.0	32.1		ug/L		100	66 - 123
Chrysene	32.0	30.3		ug/L		95	69 - 120
Dibenz(a,h)anthracene	32.0	33.2		ug/L		104	65 - 135
Di-n-butyl phthalate	32.0	31.2		ug/L		97	69 - 131
Di-n-octyl phthalate	32.0	30.4		ug/L		95	63 - 140
Dibenzofuran	32.0	30.2		ug/L		94	66 - 120
Diethyl phthalate	32.0	31.7		ug/L		99	59 - 127
Dimethyl phthalate	32.0	31.7		ug/L		99	68 - 120
Fluoranthene	32.0	31.8		ug/L		100	69 - 126
Fluorene	32.0	30.8		ug/L		96	66 - 120
Hexachlorobenzene	32.0	31.2		ug/L		98	61 - 120
Hexachlorobutadiene	32.0	26.7		ug/L		83	35 - 120
Hexachlorocyclopentadiene	32.0	26.5		ug/L		83	31 - 120
Hexachloroethane	32.0	25.3		ug/L		79	43 - 120

LLK 11/20/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-493595/3-A
Matrix: Water
Analysis Batch: 493789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 493595

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol	64.0	56.7		ug/L		89	45 - 120	4	48
Acenaphthene	32.0	30.4		ug/L		95	60 - 120	2	24
Acenaphthylene	32.0	30.4		ug/L		95	63 - 120	4	18
Acetophenone	32.0	28.3		ug/L		88	45 - 120	1	20
Anthracene	32.0	30.5		ug/L		95	67 - 120	0	15
Atrazine	64.0	77.4		ug/L		121	71 - 130	5	20
Benzaldehyde	64.0	60.9		ug/L		95	10 - 140	2	20
Benzo[a]anthracene	32.0	29.5		ug/L		92	70 - 121	4	15
Benzo[a]pyrene	32.0	29.7		ug/L		93	60 - 123	1	15
Benzo[b]fluoranthene	32.0	31.7		ug/L		99	66 - 126	1	15
Benzo[g,h,i]perylene	32.0	33.6		ug/L		105	66 - 150	0	15
Benzo[k]fluoranthene	32.0	30.5		ug/L		95	65 - 124	1	22
Bis(2-chloroethoxy)methane	32.0	27.4		ug/L		86	50 - 128	1	17
Bis(2-chloroethyl)ether	32.0	26.7		ug/L		83	44 - 120	3	21
Bis(2-ethylhexyl) phthalate	32.0	30.0		ug/L		94	63 - 139	4	15
Butyl benzyl phthalate	32.0	29.3		ug/L		92	70 - 129	2	16
Caprolactam J-UJ	64.0	23.2		ug/L		36	22 - 120	2	20
Carbazole	32.0	32.2		ug/L		101	66 - 123	0	20
Chrysene	32.0	30.4		ug/L		95	69 - 120	0	15
Dibenz(a,h)anthracene	32.0	33.2		ug/L		104	65 - 135	0	15
Di-n-butyl phthalate	32.0	31.7		ug/L		99	69 - 131	2	15
Di-n-octyl phthalate	32.0	30.5		ug/L		95	63 - 140	0	16
Dibenzofuran	32.0	31.1		ug/L		97	66 - 120	3	15
Diethyl phthalate	32.0	32.9		ug/L		103	59 - 127	4	15
Dimethyl phthalate	32.0	32.5		ug/L		102	68 - 120	3	15
Fluoranthene	32.0	31.2		ug/L		97	69 - 126	2	15
Fluorene	32.0	31.2		ug/L		97	66 - 120	1	15
Hexachlorobenzene	32.0	31.0		ug/L		97	61 - 120	1	15
Hexachlorobutadiene	32.0	28.5		ug/L		89	35 - 120	7	44
Hexachlorocyclopentadiene	32.0	27.6		ug/L		86	31 - 120	4	49
Hexachloroethane	32.0	24.9		ug/L		78	43 - 120	2	46
Indeno[1,2,3-cd]pyrene	32.0	32.4		ug/L		101	69 - 146	1	15
Isophorone	32.0	29.0		ug/L		91	55 - 120	5	17
N-Nitrosodi-n-propylamine	32.0	28.5		ug/L		89	32 - 140	5	31
N-Nitrosodiphenylamine	32.0	30.8		ug/L		96	61 - 120	2	15
Naphthalene	32.0	28.6		ug/L		89	57 - 120	2	29
Nitrobenzene	32.0	27.9		ug/L		87	53 - 123	4	24
Pentachlorophenol	64.0	70.8		ug/L		111	29 - 136	2	37
Phenanthrene	32.0	31.4		ug/L		98	68 - 120	1	15
Phenol	32.0	17.9		ug/L		56	17 - 120	6	34
Pyrene	32.0	29.9		ug/L		93	70 - 125	2	19

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*
Phenol-d5 (Surr)	*50*		*22 - 120*
p-Terphenyl-d14 (Surr)	*93*		*60 - 148*
2,4,6-Tribromophenol (Surr)	*103*		*41 - 120*
2-Fluorobiphenyl	*95*		*48 - 120*

LLK 11/20/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 480-493595/3-A
Matrix: Water
Analysis Batch: 493789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 493595

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorophenol (Surr)	66		35 - 120

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-494093/1-A
Matrix: Water
Analysis Batch: 494221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 494093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/25/19 15:04	09/26/19 10:37	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/25/19 15:04	09/26/19 10:37	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/25/19 15:04	09/26/19 10:37	1
Aldrin	ND		0.050	0.0081	ug/L		09/25/19 15:04	09/26/19 10:37	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/25/19 15:04	09/26/19 10:37	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/25/19 15:04	09/26/19 10:37	1
beta-BHC	ND		0.050	0.025	ug/L		09/25/19 15:04	09/26/19 10:37	1
delta-BHC	ND		0.050	0.010	ug/L		09/25/19 15:04	09/26/19 10:37	1
Dieldrin	ND		0.050	0.0098	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endosulfan I	ND		0.050	0.011	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endosulfan II	ND		0.050	0.012	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endrin	ND		0.050	0.014	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endrin aldehyde	0.0164	J	0.050	0.016	ug/L		09/25/19 15:04	09/26/19 10:37	1
Endrin ketone	ND		0.050	0.012	ug/L		09/25/19 15:04	09/26/19 10:37	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/25/19 15:04	09/26/19 10:37	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/25/19 15:04	09/26/19 10:37	1
Heptachlor	ND		0.050	0.0085	ug/L		09/25/19 15:04	09/26/19 10:37	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/25/19 15:04	09/26/19 10:37	1
Methoxychlor	ND		0.050	0.014	ug/L		09/25/19 15:04	09/26/19 10:37	1
Toxaphene	ND		0.50	0.12	ug/L		09/25/19 15:04	09/26/19 10:37	1

nd ∴ noqual

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		20 - 120	09/25/19 15:04	09/26/19 10:37	1
DCB Decachlorobiphenyl	52		20 - 120	09/25/19 15:04	09/26/19 10:37	1
Tetrachloro-m-xylene	84		44 - 120	09/25/19 15:04	09/26/19 10:37	1
Tetrachloro-m-xylene	85		44 - 120	09/25/19 15:04	09/26/19 10:37	1

Lab Sample ID: LCS 480-494093/2-A
Matrix: Water
Analysis Batch: 494221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 494093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.400	0.410		ug/L		102	64 - 129
4,4'-DDE	0.400	0.341		ug/L		85	50 - 120
4,4'-DDT	0.400	0.360		ug/L		90	59 - 120
Aldrin	0.400	0.293		ug/L		73	40 - 125
alpha-BHC	0.400	0.386		ug/L		96	52 - 125
cis-Chlordane	0.400	0.373		ug/L		93	52 - 120

LEK 11/20/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008 - OU1 PDI

Job ID: 480-159540-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TOL (80-120)	DCA (77-120)	BFB (73-120)	DBFM (75-123)
480-159540-1	516008-OU01 WATER	101	102	104	98
480-159540-2	TB-091819	101	109	114	112
LCS 480-494298/5	Lab Control Sample	98	107	112	112
LCS 480-494798/6	Lab Control Sample	102	102	107	99
MB 480-494298/7	Method Blank	97	109	112	112
MB 480-494798/8	Method Blank	101	100	105	102

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)	TBP (41-120)	FBP (48-120)	2FP (35-120)
480-159540-1	516008-OU01 WATER	74	43	72	81	89	67
LCS 480-493595/2-A	Lab Control Sample	84	50	94	95	89	67
LCSD 480-493595/3-A	Lab Control Sample Dup	84	50	93	103	95	66
MB 480-493595/1-A	Method Blank	87	46	96	86	94	65

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DCBP1 (20-120)	DCBP2 (20-120)	TCX1 (44-120)	TCX2 (44-120)
480-159540-1	516008-OU01 WATER	107	105	421 X	169 X
LCS 480-494093/2-A	Lab Control Sample	50	43	66	68
LCSD 480-494093/3-A	Lab Control Sample Dup	54	46	75	81
MB 480-494093/1-A	Method Blank	62	52	84	85

J+ for detections
no quals

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

LLK 11/20/2019

Method: 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCSD 480-494101/3-A
Matrix: Water
Analysis Batch: 494825

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 494101

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	1.00	1.35	*	ug/L		135	64 - 129	20	50
PCB-1260	1.00	1.26	*	ug/L		126	55 - 120	22	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*116*		*25 - 139*
Tetrachloro-m-xylene	*103*		*25 - 139*
DCB Decachlorobiphenyl	*82*		*25 - 120*
DCB Decachlorobiphenyl	*73*		*25 - 120*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-496838/1-A
Matrix: Water
Analysis Batch: 497112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 496838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/09/19 08:30	10/09/19 14:55	1
Arsenic	ND		0.015	0.0056	mg/L		10/09/19 08:30	10/09/19 14:55	1
Barium	ND		0.0020	0.00070	mg/L		10/09/19 08:30	10/09/19 14:55	1
Beryllium	ND		0.0020	0.00030	mg/L		10/09/19 08:30	10/09/19 14:55	1
Cadmium	ND		0.0020	0.00050	mg/L		10/09/19 08:30	10/09/19 14:55	1
Calcium	ND		0.50	0.10	mg/L		10/09/19 08:30	10/09/19 14:55	1
Chromium	ND		0.0040	0.0010	mg/L		10/09/19 08:30	10/09/19 14:55	1
Cobalt	ND		0.0040	0.00063	mg/L		10/09/19 08:30	10/09/19 14:55	1
Copper	ND		0.010	0.0016	mg/L		10/09/19 08:30	10/09/19 14:55	1
Iron	ND		0.050	0.019	mg/L		10/09/19 08:30	10/09/19 14:55	1
Magnesium	ND		0.20	0.043	mg/L		10/09/19 08:30	10/09/19 14:55	1
Manganese	ND		0.0030	0.00040	mg/L		10/09/19 08:30	10/09/19 14:55	1
Nickel	ND		0.010	0.0013	mg/L		10/09/19 08:30	10/09/19 14:55	1
Potassium	ND		0.50	0.10	mg/L		10/09/19 08:30	10/09/19 14:55	1
Lead	ND		0.010	0.0030	mg/L		10/09/19 08:30	10/09/19 14:55	1
Antimony	ND		0.020	0.0068	mg/L		10/09/19 08:30	10/09/19 14:55	1
Silver	ND		0.0060	0.0017	mg/L		10/09/19 08:30	10/09/19 14:55	1
Sodium	ND		1.0	0.32	mg/L		10/09/19 08:30	10/09/19 14:55	1
Thallium	ND		0.020	0.010	mg/L		10/09/19 08:30	10/09/19 14:55	1
Vanadium	ND		0.0050	0.0015	mg/L		10/09/19 08:30	10/09/19 14:55	1
Zinc	0.00185 J		0.010	0.0015	mg/L		10/09/19 08:30	10/09/19 14:55	1

sample results > RL
∴ noquals

Lab Sample ID: MB 480-496838/1-A
Matrix: Water
Analysis Batch: 497548

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 496838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		10/09/19 08:30	10/11/19 15:25	1

LCK 11/20/2019

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSD 480-496838/3-A
Matrix: Water
Analysis Batch: 497112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 496838

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.200	0.220		mg/L		110	80 - 120	2	20
Silver	0.0500	0.0500		mg/L		100	80 - 120	0	20
Sodium	10.0	9.39		mg/L		94	80 - 120	2	20
Thallium	0.200	0.198		mg/L		99	80 - 120	1	20
Vanadium	0.200	0.192		mg/L		96	80 - 120	0	20
Zinc	0.200	0.202		mg/L		101	80 - 120	1	20

Lab Sample ID: LCSD 480-496838/3-A
Matrix: Water
Analysis Batch: 497548

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 496838

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	0.200	0.192		mg/L		96	80 - 120	2	20

Lab Sample ID: MB 480-496854/1-A
Matrix: Water
Analysis Batch: 497111

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 496854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/09/19 08:08	10/09/19 14:21	1
Arsenic	ND		0.015	0.0056	mg/L		10/09/19 08:08	10/09/19 14:21	1
Barium	ND		0.0020	0.00070	mg/L		10/09/19 08:08	10/09/19 14:21	1
Beryllium	ND		0.0020	0.00030	mg/L		10/09/19 08:08	10/09/19 14:21	1
Cadmium	ND		0.0020	0.00050	mg/L		10/09/19 08:08	10/09/19 14:21	1
Calcium	ND		0.50	0.10	mg/L		10/09/19 08:08	10/09/19 14:21	1
Chromium	ND		0.0040	0.0010	mg/L		10/09/19 08:08	10/09/19 14:21	1
Cobalt	ND		0.0040	0.00063	mg/L		10/09/19 08:08	10/09/19 14:21	1
Copper	ND		0.010	0.0016	mg/L		10/09/19 08:08	10/09/19 14:21	1
Iron	ND		0.050	0.019	mg/L		10/09/19 08:08	10/09/19 14:21	1
Magnesium	ND		0.20	0.043	mg/L		10/09/19 08:08	10/09/19 14:21	1
Manganese	ND		0.0030	0.00040	mg/L		10/09/19 08:08	10/09/19 14:21	1
Nickel	ND		0.010	0.0013	mg/L		10/09/19 08:08	10/09/19 14:21	1
Potassium	ND		0.50	0.10	mg/L		10/09/19 08:08	10/09/19 14:21	1
Lead	ND		0.010	0.0030	mg/L		10/09/19 08:08	10/09/19 14:21	1
Antimony	ND		0.020	0.0068	mg/L		10/09/19 08:08	10/09/19 14:21	1
Silver	ND		0.0060	0.0017	mg/L		10/09/19 08:08	10/09/19 14:21	1
Sodium	ND		1.0	0.32	mg/L		10/09/19 08:08	10/09/19 14:21	1
Thallium	ND		0.020	0.010	mg/L		10/09/19 08:08	10/09/19 14:21	1
Vanadium	ND		0.0050	0.0015	mg/L		10/09/19 08:08	10/09/19 14:21	1
Zinc	0.00274	J	0.010	0.0015	mg/L		10/09/19 08:08	10/09/19 14:21	1

sample results > RL
∴ no quals

Lab Sample ID: MB 480-496854/1-A
Matrix: Water
Analysis Batch: 498140

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 496854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		10/09/19 08:08	10/15/19 12:30	1

LLS 11/20/2019

QC Sample Results

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008 - OU1 PDI

Job ID: 480-159540-1

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 480-493515/1-A
Matrix: Water
Analysis Batch: 493535

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 493515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil & Grease	2.37	J	5.2	1.4	mg/L		09/23/19 10:13	09/23/19 11:21	1

Lab Sample ID: LCS 480-493515/2-A
Matrix: Water
Analysis Batch: 493535

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 493515

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Oil & Grease	40.9	40.08		mg/L		98	78 - 114

Method: 9040C - pH

Lab Sample ID: LCS 480-493689/1
Matrix: Water
Analysis Batch: 493689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.000		SU		100	99 - 101

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 480-493704/1
Matrix: Water
Analysis Batch: 493704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/24/19 09:13	1

Lab Sample ID: LCS 480-493704/2
Matrix: Water
Analysis Batch: 493704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	500	475.0		mg/L		95	85 - 115

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-493572/1
Matrix: Water
Analysis Batch: 493572

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/23/19 14:16	1

Lab Sample ID: LCS 480-493572/2
Matrix: Water
Analysis Batch: 493572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	253	242.8		mg/L		96	88 - 110

LLK 11/20/2019

VOCs

PROJECT CATEGORY A REVIEW RECORD
Project: Semmac Lake PDI
Method : SW-846 8260C
Laboratory: TAL Buffalo
SDG(s): 480-159563-1
Date: 11/15/2019
Reviewer: Lisa Krut
Review Level [X] CATEGORY A

1. [ ] Case **Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? Yes - see attached
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)
2. [ ] **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. YES (NO) (circle one) all results for all samples qualified estimated (UJ) not rejected by PJ because only 3 days over hold, soil samples, and med level VOAs LLK 11/15/2019
3. [ ] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are Trip blanks free of contamination? (YES) NO (circle one)
   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB
4. [ ] **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)
   Were MS/MSDs submitted/analyzed? (YES) NO
   Were all results within the Region II limits? YES (NO) NA (circle one) see attached - no quals
5. [ ] **Field Duplicates** - Region II Limits (water RPD 50, soil RPD 100)
   Were Field Duplicates submitted/analyzed? (YES) NO
   Were all results within Region II Limits? (YES) NO NA (circle one)
6. [ ] **Reporting Limits:** Were samples analyzed at a dilution? all nd (YES) NO (circle one) 2x 8x dilution - all parameters have elevated RLs for samples: • HA-H3D01 • TP-C3D03 • TP-D3D04 • TP-D3D04D
7. [ ] **Electronic Data Review and Edits**
   Does the EDD match the Form Is? (YES) NO (circle one)
8. [ ] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)
   Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)
9. LCS (70-130%R) all within limits ✓
10. Surrogates (70-130 Soil) all within limits ✓

SVOC

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : SW-846 8270D
Laboratory and SDG(s): TAL Buffalo **SDG#** 480-159563-1
Date: 11/15/2019
Reviewer: Cresci Krout
Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? YES NO (circle one) see attached
   Were all the samples on the COC analyzed for the requested analyses? YES NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? YES NO (circle one)

2. [✓] **Holding time and Sample Collection**
   Were all water samples extracted within the 7 day holding time, and/or soil within 14 days?

3. [✓] **QC Blanks**
   Are method blanks free of contamination? YES NO (circle one)
   Are field blanks free of contamination? YES NO NA (circle one) no FBs

4. [✓] **Matrix Spike** (water & soil limits: Base/neutral 50-140; Acid 30-140; RPD water = 20; RPD soil = 35)
   Were MS/MSDs submitted/analyzed? YES NO
   Were all results were within limits? YES NO NA (circle one) see attached
   DF ≥ 10 ∴ no eval

5. [✓] **Field Duplicates** (RPD limits = water:50, soil:100)
   Were Field Duplicates submitted/analyzed? YES NO
   Were RPDs within criteria. YES NO NA (circle one) see attached

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES NO (circle one) (20x and 50x for sample TP-C3003)
   elevated RL for benzo(k)fluoranthene in sample TPC3003

7. [✓] **Electronic Data Review and Edits**: Does the EDD match the Form Is? YES NO (circle one)

8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? YES NO (circle one)

9. LCS (50-140 for BN, 30-140 for acids) all within limits

10. Surrogates (50-140 for BN, 30-140 for acids)

See attached - no quals

no quals

GENERAL CHEMISTRY

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : D2216
Laboratory and SDG(s): TAL Buffalo 480-159883
Date: 11/15/2019
Reviewer: Liese | Kent
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**

   Were all samples properly preserved? (YES) NO (circle one)

   Were all samples analyzed within the method/project holding times? (YES) NO (circle one)
   10 days

3. [✓] **QC Blanks**
   Are method blanks free of contamination? YES NO (circle one) (NA)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one)

4. [✓] **Matrix Spike** (Lab Limits)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one) (NA)

   Were all results were within limits? YES NO (NA) (circle one) (NA)

5. [✓] **Field Duplicates** (RPD limits for soil=100, water = 50)
   Were Field Duplicates submitted/analyzed? (YES) NO

   Were RPDs within the limits? (YES) NO NA (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits**

   Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review:**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

a. LCS (lab limits) – NA - no LCS for D2216

Job Narrative
480-159563-1

Comments
No additional comments.

Receipt
The samples were received on 9/21/2019 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

GC/MS VOA
Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: TP-D3D04 (480-159563-1), TP-D3D04D (480-159563-2) and HA-H3D01 (480-159563-5). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the abundance of non-target analytes: TP-C3D03 (480-159563-3), TP-C3D03 (480-159563-3[MS]) and TP-C3D03 (480-159563-3[MSD]). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following sample was analyzed using medium level soil analysis: TB-091619 (480-159563-4) and HA-J2C01 (480-159563-6). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following samples were analyzed outside of analytical holding time due to the samples being held in the field for a week and analyst error: TP-D3D04 (480-159563-1), TP-D3D04D (480-159563-2), TP-C3D03 (480-159563-3), TP-C3D03 (480-159563-3[MS]), TP-C3D03 (480-159563-3[MSD]), TB-091619 (480-159563-4), HA-H3D01 (480-159563-5) and HA-J2C01 (480-159563-6). see checklist for quals (all UJ)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to color and appearance: TP-C3D03 (480-159563-3), TP-C3D03 (480-159563-3[MS]) and TP-C3D03 (480-159563-3[MSD]). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following samples was diluted due to color and appearance: TP-C3D03 (480-159563-3[MS]) and TP-C3D03 (480-159563-3[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. okay DF ≥ 10x ∴ not evaluated

Method(s) 8270D: The following samples required a dilution due to color and appearance: TP-C3D03 (480-159563-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. DF ≥ 10x ∴ not evaluated

Method(s) 8270D: The following samples were diluted due to the abundance of target analytes: TP-C3D03 (480-159563-3[MS]) and TP-C3D03 (480-159563-3[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. DF ≥ 10x ∴ not evaluated

Method(s) 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: TP-C3D03 (480-159563-3). Elevated reporting limits (RLs) are provided. okay

Method(s) 8270D: The following sample required a dilution due to the abundance of target analytes: TP-C3D03 (480-159563-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. DF ≥ 10x ∴ not evaluated

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 480-494740 was outside the method criteria for the following analyte: Nitrobenzene-d5 (Surr). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The following samples are impacted:TP-C3D03 (480-159563-3), TP-C3D03 (480-159563-3[MS]) and TP-C3D03 (480-159563-3[MSD]).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

10/07/2019
CLK 11/21/2019

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-495484/2-A
Matrix: Solid
Analysis Batch: 495619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		100	19	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Toluene	ND		100	27	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Ethylbenzene	ND		100	29	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
m-Xylene & p-Xylene	ND		200	55	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
o-Xylene	ND		100	13	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Xylenes, Total	ND		200	55	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Total BTEX	ND		200	100	ug/Kg		10/02/19 14:07	10/03/19 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*50 - 149*	*10/02/19 14:07*	*10/03/19 11:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*53 - 146*	*10/02/19 14:07*	*10/03/19 11:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*	*10/02/19 14:07*	*10/03/19 11:52*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*	*10/02/19 14:07*	*10/03/19 11:52*	*1*

Lab Sample ID: LCS 480-495484/1-A
Matrix: Solid
Analysis Batch: 495619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 495484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500	2640		ug/Kg		106	77 - 125
Toluene	2500	2610		ug/Kg		104	75 - 124
Ethylbenzene	2500	2670		ug/Kg		107	78 - 124
m-Xylene & p-Xylene	2500	2620		ug/Kg		105	77 - 125
o-Xylene	2500	2550		ug/Kg		102	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*
4-Bromofluorobenzene (Surr)	*102*		*49 - 148*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Lab Sample ID: 480-159563-3 MS
Matrix: Solid
Analysis Batch: 495769

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 495484

70-130

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	H	1090	1250	H H3	ug/Kg	☼	115	68 - 137
Toluene	ND	H	1090	1240	H H3	ug/Kg	☼	114	68 - 137
Ethylbenzene	ND	H F1	1090	1580	H H3 F1	ug/Kg	☼	145	67 - 136
m-Xylene & p-Xylene	ND	H F1	1090	1790	H H3 F1	ug/Kg	☼	165	68 - 138
o-Xylene	ND	H	1090	1440	H H3	ug/Kg	☼	132	67 - 135

Sample nd
∴ normal

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*103*		*53 - 146*
4-Bromofluorobenzene (Surr)	*107*		*49 - 148*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

LLK 11/15/2019

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-159563-3 MSD
Matrix: Solid
Analysis Batch: 495769

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 495484

70-130

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND	H	1180	1360	H H3	ug/Kg	☼	115	68 - 137	9	20
Toluene	ND	H	1180	1300	H H3	ug/Kg	☼	110	68 - 137	4	20
Ethylbenzene	ND	H F1	1180	1630	H H3 F1	ug/Kg	☼	138	67 - 136	3	20
m-Xylene & p-Xylene	ND	H F1	1180	1870	H H3 F1	ug/Kg	☼	158	68 - 138	4	20
o-Xylene	ND	H	1180	1570	H H3	ug/Kg	☼	133	67 - 135	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*50 - 149*
1,2-Dichloroethane-d4 (Surr)	*108*		*53 - 146*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*
Dibromofluoromethane (Surr)	*109*		*60 - 140*

J+
all samples results non-detect
i. no quals

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-494075/1-A
Matrix: Solid
Analysis Batch: 494348

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 494075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Acenaphthylene	ND		170	22	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Anthracene	ND		170	42	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Chrysene	ND		170	38	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Fluoranthene	ND		170	18	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Fluorene	ND		170	20	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Naphthalene	ND		170	22	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Pyrene	ND		170	20	ug/Kg		09/25/19 14:37	09/26/19 16:52	1
Phenanthrene	ND		170	25	ug/Kg		09/25/19 14:37	09/26/19 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*54 - 120*	*09/25/19 14:37*	*09/26/19 16:52*	*1*
2-Fluorobiphenyl	*91*		*60 - 120*	*09/25/19 14:37*	*09/26/19 16:52*	*1*
2-Fluorophenol (Surr)	*83*		*52 - 120*	*09/25/19 14:37*	*09/26/19 16:52*	*1*
Phenol-d5 (Surr)	*91*		*54 - 120*	*09/25/19 14:37*	*09/26/19 16:52*	*1*
p-Terphenyl-d14 (Surr)	*104*		*79 - 130*	*09/25/19 14:37*	*09/26/19 16:52*	*1*
Nitrobenzene-d5 (Surr)	*96*		*53 - 120*	*09/25/19 14:37*	*09/26/19 16:52*	*1*

LUK 11/15/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-494075/2-A
Matrix: Solid
Analysis Batch: 494348

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1510		ug/Kg		91	62 - 120
Acenaphthylene	1670	1570		ug/Kg		94	58 - 121
Anthracene	1670	1770		ug/Kg		107	62 - 120
Benzo[a]anthracene	1670	1630		ug/Kg		98	65 - 120
Benzo[a]pyrene	1670	1560		ug/Kg		94	64 - 120
Benzo[b]fluoranthene	1670	1830		ug/Kg		110	64 - 120
Benzo[g,h,i]perylene	1670	1590		ug/Kg		95	45 - 145
Benzo[k]fluoranthene	1670	1640		ug/Kg		99	65 - 120
Chrysene	1670	1660		ug/Kg		100	64 - 120
Dibenz(a,h)anthracene	1670	1640		ug/Kg		99	54 - 132
Fluoranthene	1670	1840		ug/Kg		110	62 - 120
Fluorene	1670	1590		ug/Kg		95	63 - 120
Indeno[1,2,3-cd]pyrene	1670	1640		ug/Kg		98	56 - 134
Naphthalene	1670	1430		ug/Kg		86	55 - 120
Pyrene	1670	1760		ug/Kg		106	61 - 133
Phenanthrene	1670	1710		ug/Kg		103	60 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*115*		*54 - 120*
2-Fluorobiphenyl	*89*		*60 - 120*
2-Fluorophenol (Surr)	*78*		*52 - 120*
Phenol-d5 (Surr)	*87*		*54 - 120*
p-Terphenyl-d14 (Surr)	*109*		*79 - 130*
Nitrobenzene-d5 (Surr)	*96*		*53 - 120*

DF=20 no eval

Lab Sample ID: 480-159563-3 MS
Matrix: Solid
Analysis Batch: 494348

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	24000		2040	29200	4	ug/Kg	☼	255	60 - 120
Acenaphthylene	79000	F2	2040	69800	4	ug/Kg	☼	-460	58 - 121
Anthracene	56000	F2	2040	55900	4	ug/Kg	☼	-22	62 - 120
Benzo[a]anthracene	27000	F2	2040	28300	4	ug/Kg	☼	47	65 - 120
Benzo[a]pyrene	23000		2040	23000	4	ug/Kg	☼	-20	64 - 120
Benzo[b]fluoranthene	23000		2040	18000	4	ug/Kg	☼	-251	10 - 150
Benzo[g,h,i]perylene	12000		2040	12700	4	ug/Kg	☼	44	45 - 145
Benzo[k]fluoranthene	ND	F1	2040	9910	F1	ug/Kg	☼	486	23 - 150
Chrysene	26000		2040	23300	4	ug/Kg	☼	-107	64 - 120
Dibenz(a,h)anthracene	2200	J	2040	3710	J	ug/Kg	☼	72	54 - 132
Fluoranthene	63000	F2	2040	63100	4	ug/Kg	☼	4	62 - 120
Fluorene	59000	F2	2040	56700	4	ug/Kg	☼	-119	63 - 120
Indeno[1,2,3-cd]pyrene	8200	F1	2040	9110	4	ug/Kg	☼	43	56 - 134
Naphthalene	40000		2040	36900	4	ug/Kg	☼	-165	46 - 120
Pyrene	91000		2040	83400	4	ug/Kg	☼	-370	61 - 133
Phenanthrene	160000	E	2040	148000	E 4	ug/Kg	☼	-423	60 - 122

LLK 11/21/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-159563-3 MS
Matrix: Solid
Analysis Batch: 494348

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	155	X	54 - 120
2-Fluorobiphenyl	100		60 - 120
2-Fluorophenol (Surr)	62		52 - 120
Phenol-d5 (Surr)	78		54 - 120
p-Terphenyl-d14 (Surr)	106		79 - 130
Nitrobenzene-d5 (Surr)	133	X	53 - 120

Lab Sample ID: 480-159563-3 MSD
Matrix: Solid
Analysis Batch: 494348

DF=20 no eval

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	24000		2070	24300	4	ug/Kg	☼	15	60 - 120	18	35
Acenaphthylene	79000	F2	2070	55500	4 F2	ug/Kg	☼	-1141	58 - 121	23	18
Anthracene	56000	F2	2070	45700	4 F2	ug/Kg	☼	-513	62 - 120	20	15
Benzo[a]anthracene	27000	F2	2070	22900	4 F2	ug/Kg	☼	-215	65 - 120	21	15
Benzo[a]pyrene	23000		2070	20200	4	ug/Kg	☼	-152	64 - 120	13	15
Benzo[b]fluoranthene	23000		2070	16000	4	ug/Kg	☼	-342	10 - 150	12	15
Benzo[g,h,i]perylene	12000		2070	11300	4	ug/Kg	☼	-27	45 - 145	12	15
Benzo[k]fluoranthene	ND	F1	2070	8190	F1	ug/Kg	☼	396	23 - 150	19	22
Chrysene	26000		2070	21200	4	ug/Kg	☼	-209	64 - 120	10	15
Dibenz(a,h)anthracene	2200	J	2070	3600	J	ug/Kg	☼	66	54 - 132	3	15
Fluoranthene	63000	F2	2070	53400	4 F2	ug/Kg	☼	-463	62 - 120	17	15
Fluorene	59000	F2	2070	47100	4 F2	ug/Kg	☼	-582	63 - 120	19	15
Indeno[1,2,3-cd]pyrene	8200	F1	2070	8170	F1	ug/Kg	☼	-3	56 - 134	11	15
Naphthalene	40000		2070	28800	4	ug/Kg	☼	-550	46 - 120	24	29
Pyrene	91000		2070	75000	4	ug/Kg	☼	-772	61 - 133	11	35
Phenanthrene	160000	E	2070	132000	4	ug/Kg	☼	-1202	60 - 122	12	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	141	X	54 - 120
2-Fluorobiphenyl	84		60 - 120
2-Fluorophenol (Surr)	60		52 - 120
Phenol-d5 (Surr)	86		54 - 120
p-Terphenyl-d14 (Surr)	97		79 - 130
Nitrobenzene-d5 (Surr)	121	X	53 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Lab Sample ID: 480-159563-3 MS
Matrix: Solid
Analysis Batch: 494740

DF=50 no eval

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene - DL	26000		2040	29300	4	ug/Kg	☼	149	60 - 120
Acenaphthylene - DL	85000	F2	2040	73300	4	ug/Kg	☼	-553	58 - 121
Anthracene - DL	57000	F2	2040	57800	4	ug/Kg	☼	21	62 - 120
Benzo[a]anthracene - DL	28000	F2	2040	28700	4	ug/Kg	☼	54	65 - 120

LLK 11/21/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Lab Sample ID: 480-159563-3 MS
Matrix: Solid
Analysis Batch: 494740

DF=50 reveal

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]pyrene - DL	23000		2040	23400	4	ug/Kg	☼	-4	64 - 120
Benzo[b]fluoranthene - DL	19000		2040	20100	4	ug/Kg	☼	41	10 - 150
Benzo[g,h,i]perylene - DL	13000		2040	12800	4	ug/Kg	☼	-2	45 - 145
Benzo[k]fluoranthene - DL	ND	F1	2040	7930	J F1	ug/Kg	☼	389	23 - 150
Chrysene - DL	25000	F2	2040	25000	4	ug/Kg	☼	21	64 - 120
Dibenz(a,h)anthracene - DL	ND	F1	2040	4530	J F1	ug/Kg	☼	222	54 - 132
Fluoranthene - DL	54000	F2	2040	63600	4	ug/Kg	☼	477	62 - 120
Fluorene - DL	62000	F2	2040	57000	4	ug/Kg	☼	-241	63 - 120
Indeno[1,2,3-cd]pyrene - DL	9300	J	2040	9680	J 4	ug/Kg	☼	21	56 - 134
Naphthalene - DL	41000		2040	38300	4	ug/Kg	☼	-137	46 - 120
Pyrene - DL	100000		2040	92900	4	ug/Kg	☼	-361	61 - 133
Phenanthrene - DL	190000	F2	2040	192000	4	ug/Kg	☼	-12	60 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - DL	*228*	*X*	*54 - 120*
2-Fluorobiphenyl - DL	*104*		*60 - 120*
2-Fluorophenol (Surr) - DL	*62*		*52 - 120*
Phenol-d5 (Surr) - DL	*74*		*54 - 120*
p-Terphenyl-d14 (Surr) - DL	*102*		*79 - 130*
Nitrobenzene-d5 (Surr) - DL	*153*	*X*	*53 - 120*

Lab Sample ID: 480-159563-3 MSD
Matrix: Solid
Analysis Batch: 494740

DF=50 reveal

Client Sample ID: TP-C3D03
Prep Type: Total/NA
Prep Batch: 494075

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene - DL	26000		2070	25000	4	ug/Kg	☼	-64	60 - 120	16	35
Acenaphthylene - DL	85000	F2	2070	58400	4 F2	ug/Kg	☼	-1263	58 - 121	23	18
Anthracene - DL	57000	F2	2070	46200	4 F2	ug/Kg	☼	-538	62 - 120	22	15
Benzo[a]anthracene - DL	28000	F2	2070	24300	4 F2	ug/Kg	☼	-159	65 - 120	17	15
Benzo[a]pyrene - DL	23000		2070	20200	4	ug/Kg	☼	-157	64 - 120	15	15
Benzo[b]fluoranthene - DL	19000		2070	17400	4	ug/Kg	☼	-87	10 - 150	14	15
Benzo[g,h,i]perylene - DL	13000		2070	11700	4	ug/Kg	☼	-52	45 - 145	8	15
Benzo[k]fluoranthene - DL	ND	F1	2070	6390	J F1	ug/Kg	☼	308	23 - 150	22	22
Chrysene - DL	25000	F2	2070	20600	4 F2	ug/Kg	☼	-192	64 - 120	19	15
Dibenz(a,h)anthracene - DL	ND	F1	2070	4570	J F1	ug/Kg	☼	221	54 - 132	1	15
Fluoranthene - DL	54000	F2	2070	52000	4 F2	ug/Kg	☼	-87	62 - 120	20	15
Fluorene - DL	62000	F2	2070	47700	4 F2	ug/Kg	☼	-684	63 - 120	18	15
Indeno[1,2,3-cd]pyrene - DL	9300	J	2070	9010	J 4	ug/Kg	☼	-12	56 - 134	7	15
Naphthalene - DL	41000		2070	29400	4	ug/Kg	☼	-564	46 - 120	26	29
Pyrene - DL	100000		2070	76500	4	ug/Kg	☼	-1149	61 - 133	19	35
Phenanthrene - DL	190000	F2	2070	153000	4 F2	ug/Kg	☼	-1900	60 - 122	23	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - DL	*0*	*X*	*54 - 120*
2-Fluorobiphenyl - DL	*104*		*60 - 120*

11/21/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-159563-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TOL (50-149)	DCA (53-146)	BFB (49-148)	DBFM (60-140)
480-159563-1	TP-D3D04	98	100	101	95
480-159563-2	TP-D3D04D	101	105	103	104
480-159563-3	TP-C3D03	99	102	102	100
480-159563-3 MS	TP-C3D03	100	103	107	100
480-159563-3 MSD	TP-C3D03	99	108	104	109
480-159563-4	TB-091619	99	101	106	95
480-159563-5	HA-H3D01	102	103	102	98
480-159563-6	HA-J2C01	98	99	103	90
LCS 480-495484/1-A	Lab Control Sample	98	103	102	98
MB 480-495484/2-A	Method Blank	100	100	102	94

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

BN - 50-140
A - 30-140

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TBP (54-120) A	FBP (60-120)	2FP (52-120)	PHL (54-120)	TPHd14 (79-130)	NBZ (53-120) BN
480-159563-1	TP-D3D04	105	89	76	83	105	91
480-159563-2	TP-D3D04D	111	95	83	94	108	100
480-159563-3	TP-C3D03	160 X	102	74	81	114	154 X
480-159563-3 - DL	TP-C3D03	209 X	102	73	68	129	168 X
480-159563-3 MS	TP-C3D03	155 X	100	62	78	106	133 X
480-159563-3 MS - DL	TP-C3D03	228 X	104	62	74	102	153 X
480-159563-3 MSD	TP-C3D03	141 X	84	60	86	97	121 X
480-159563-3 MSD - DL	TP-C3D03	0 X	104	76	68	94	162 X
480-159563-5	HA-H3D01	99	84	73	79	97	82
480-159563-6	HA-J2C01	113	90	77	87	106	97
LCS 480-494075/2-A	Lab Control Sample	115	89	78	87	109	96
MB 480-494075/1-A	Method Blank	98	91	83	91	104	96

okay - 50-140

okay - only one out for BN and one for A

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr) A
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)

all okay - only one out for each type
∴ no quals for surrogates

LCK 11/20/2019

RPD < 100 ✓

Sample ID: TP-D3D04/TP-D3D04D

Compund	Result	LabQual	Dup	LabQual	RPD
Anthracene	830		2000		82.68551
Pyrene	2400		4800		66.66667
Benzo(ghi)perylene	390		790		67.79661
Indeno(1,2,3-cd)pyrene	260		530		68.35443
Benzo(b)fluoranthene	600		1100		58.82353
Fluoranthene	1400		3000		72.72727
Benzo(k)fluoranthene	150	J	400		90.90909
Acenaphthylene	270		600		75.86207
Chrysene	640		1300		68.04124
Benzo(a)pyrene	710		1400		65.40284
Dibenz(a,h)anthracene	200	U	210	U	4.878049
Benzo(a)anthracene	710		1600		77.05628
Acenaphthene	60	J	90	J	40
Phenanthrene	2000		4200		70.96774
Fluorene	310		680		74.74747
Naphthalene	200	U	210	U	4.878049

LCK 11/15/2019

VOCs

PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : SW-846 8260C
Laboratory: TAL Buffalo **SDG(s):** 480-159588-1
Date: 11/15/2019
Reviewer: Liesel Kost
Review Level [X] CATEGORY A

1. [✓] Case **Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? Yes - See attached
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. YES (NO) (circle one) sample 516008-QU01 from W results for all parameters qualified estimated (UJ) not rejected because soil matrix, only 3 days out of hold, and med level (PJ) LLK 11/15/2019

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are Trip blanks free of contamination? YES NO (circle one) N/A no TB
   Are Rinse blanks free of contamination? YES NO (NA) (circle one)

4. [✓] **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)
   Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD
   Were all results within the Region II limits? YES NO (NA) (circle one)

5. [✓] **Field Duplicates** - Region II Limits (water RPD 50, soil RPD 100)
   Were Field Duplicates submitted/analyzed? YES (NO)
   Were all results within Region II Limits? YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) Yes - all samples at 8x - 50x dilution - elevated RLs reported for QU01 north and QU01 central shallow

7. [✓] **Electronic Data Review and Edits**
   Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)
   Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

9. [✓] LCS (70-130) Reg II soil
   See attached - no qual

10. [✓] Surrogates (70-130) Reg II Soil
    all within limits ✓

SVOC

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Sonnac Lake RDF
Method : SW-846 8270D
Laboratory and SDG(s): TAL Buffalo **SDG#** 480-159588-1
Date: 11/15/2019
Reviewer: Cheryl Kosa
Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? (YES) NO (circle one)

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   Were all water samples extracted within the 7 day holding time, and/or soil within 14 days?
   Yes- Soil samples

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)

   Are field blanks free of contamination? YES NO (NA) (circle one) no FB

4. [✓] **Matrix Spike** (water & soil limits: Base/neutral 50-140; Acid 30-140; RPD water = 20; RPD soil = 35)
   Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD

   Were all results were within limits? YES NO (NA) (circle one)

5. [✓] **Field Duplicates** (RPD limits = water:50, soil:100)
   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within criteria. YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one)

7. [✓] **Electronic Data Review and Edits**: Does the EDD match the Form Is? (YES) NO (circle one)
   • 5x-100x dilutions
   • elevated RLs reported for all north and 0001 central shallow

8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. [✓] LCS (50-140 for BN, 30-140 for acidic) RegII Soil
   see attached for qual
   subset pyrene results qualified estimated (UJ)

10. [✓] Surrogates (50-140 for BN, 30-140 for acidic) RegII Soil
    See attached - No quals

No quals

PCBs

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : 8082A
Laboratory and SDG(s): TAL Buffalo SDG 480-159588-1
Date: 11/15/2019
Reviewer: Kristel Knott
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   There is no holding time requirement in Method 8082 (Chapter 4, Table 4-1 of SW-846) ✓

   Were samples properly preserved? (YES) NO (circle one)

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs

6. [✓] **Matrix Spike** (soil and water limits: 29-135% and RPD of 20, RPD is 15 for Aroclor 1016)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one) no MS/MSD

   Were all results were within limits? YES NO (NA) (circle one)

7. [✓] **Field Duplicates** (RPD limits for soil=100, water =50)
   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within the limits? YES NO (NA) (circle one) no FD

9. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

10. [✓] **Electronic Data Review and Edits**

    Does the EDD match the Form I's? (YES) NO (circle one)

11. [✓] **Table Review** **Table 1** (sample Listing), **Table 2** (results summary), **Table 3** (Reason Codes).
    Table 1 (Samples and Analytical Methods)
    Table 2 (Analytical Results)
    Table 3 (Qualification Actions)

    Were all tables produced and reviewed? (YES) NO (circle one)

12. ✓ LCS (50-150 %R)
    all within limits ✓

13. ✓ surrogates (30-150 %R)
    see attached - no quals

PESTICIDES

noquals

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake RFI
Method : 8081B
Laboratory and SDG(s): TAL Buffalo SDG 480-159588-1
Date: 11/15/2019
Reviewer: Liesel Krout

Review Level [X] Category A

1. **Case Narrative Review and Data Package Completeness** COMMENTS

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. **Holding time (HT) and Sample Collection**

   Aqueous is 7days to extraction, solid is 14 days. HT met for all samples? (YES) NO (circle one)

   Were samples properly preserved? (YES) NO

3. **QC Blanks**

   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

4. **Matrix Spike** (Use lab limits) (refer to limits listed in SOP HW-44 Oct 2006 if no lab limits are listed)

   Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD

   Were all results were within laboratory limits? YES NO (NA) (circle one)

5. **Field Duplicates** (RPD limits for soil=100, water = 50)

   Were Field Duplicates submitted/analyzed? YES (NO) no FD

   Were RPDs within the limits? YES NO (NA) (circle one)

6. **Electronic Data Review and Edits**: Does the EDD match the Form I's? (YES) NO (circle one)

7. **Reporting Limits**: Were samples analyzed at a dilution? YES (NO) (circle one)

8. **Table Review**:
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (Lab limits) Reg II soil
   all within limits ✓

10. Surrogates (30-150) Reg II soil
    all within limits ✓

~~PESTICIDES~~ Herbicides no quals

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : SW8151A
Laboratory and SDG(s): TAL Buffalo - SDG 480-159588-1
Date: 11/18/2019
Reviewer: Liesel Krout

Review Level [X] Category A

1. **Case Narrative Review and Data Package Completeness** COMMENTS

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. **Holding time (HT) and Sample Collection**
   Aqueous is 7days to extraction, solid is 14 days. HT met for all samples? (YES) NO (circle one)

   Were samples properly preserved? (YES) NO

3. **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB

4. **Matrix Spike** (Use lab limits) (refer to limits listed in SOP HW-44 Oct 2006 if no lab limits are listed)

   Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD

   Were all results were within laboratory limits? YES NO (NA) (circle one)

5. **Field Duplicates** (RPD limits for soil=100, water = 50)

   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within the limits? YES NO (NA) (circle one) no FD

6. **Electronic Data Review and Edits**: Does the EDD match the Form I's? (YES) NO (circle one)

7. **Reporting Limits**: Were samples analyzed at a dilution? YES (NO) (circle one)

8. **Table Review**:
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (Lab limits)
   all within limits ✓

10. Surrogates (30-150%)
    See attached ~~for quals~~ LK 11/18/2019 no quals

no Qvals

METALS

NYSDEC CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : 6010C, 7470A
Laboratory and SDG(s): 480-159588-1 TAL Buffalo
Date: 11/18/2019
Reviewer: Liesl Kout

Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
Were all samples prepared and analyzed with the holding time (6 months)? (YES) NO

3. [✓] **QC Blanks**
Are method blanks free of contamination? (YES) NO (circle one)

Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs

4. [✓] **Matrix Spike**
Were MS/MSDs submitted/analyzed? YES (NO) no MS/MSD

Were all results were within 75-125% limits? YES NO (NA) (circle one)

5. [✓] **Field Duplicates**
Were Field Duplicates submitted/analyzed? YES (NO)

Aqueous RPD within limit? (20) YES NO (NA) (circle one)
Soil RPD within limit? (35) YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits:** Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review**:
Table 1 (Samples and Analytical Methods)
Table 2 (Analytical Results)
Table 3 (Qualification Actions)
Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (80-120)
all within limits

GENERAL CHEMISTRY

NYSDEC PROJECT CATEGORY A REVIEW RECORD

Project: Sonnac Lake PDI

Method : A4500F, SW9040B, A2216, SW1010, SW9012, SW9034, LYNKHN

Laboratory and SDG(s): TAL Buffalo ~~SDG 480-159588~~ 480-159588-1

Date: 11/18/2019

Reviewer: Liesel Fout

Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**

   Were all samples properly preserved? (YES) NO (circle one)

   Were all samples analyzed within the method/project holding times? YES (NO) (circle one)

3. [✓] **QC Blanks**

   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one)

4. [✓] **Matrix Spike** (Lab Limits)

   Were MS/MSDs submitted/analyzed? (YES) NO (circle one)

   Were all results were within limits? (YES) NO NA (circle one)

5. [✓] **Field Duplicates** (RPD limits for soil=100, water = 50)

   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within the limits? YES NO (NA) (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits**

   Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review:**

   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (lab limits) all within limits ✓

see narrative
- pH and temp qualified J
- ~~sulfide 2 days out of 28 day hold qualified UJ~~
- ~~no sample - no MS~~
- ~~Sulfide by 9034 out of 7 day hold by 3-6 days qualified UJ~~

MS just for 4500 S2F

no KB

no FD

LLK 11/21/2019
Discussion with Jake - different HTs used,
- 28 days for reactive sulfide
- 14 days for total sulfide

∴ no HT quals for sulfide

Job Narrative
480-159588-1

Receipt
The samples were received on 9/21/2019 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

Receipt Exceptions
The following samples were preserved via freezing on 09/21/19 at 14:00: 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3) . okay

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-494666 recovered above the upper control limit for 2-Butanone (MEK) . The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: 516008-OU01 NORTH (480-159588-1) and 516008-OU01 CENTRAL SHALLOW (480-159588-2). okay - no quals

Method(s) 8260C: The following TCLP samples were diluted due to the nature of the sample matrix: 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2) and (LB 480-494274/1-A). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: 516008-OU01 NORTH (480-159588-1). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3). Elevated reporting limits (RLs) are provided. okay

Method(s) 8260C: The following sample was analyzed outside of analytical holding time due to the samples being held in the field and analyst error: 516008-OU01 NORTH (480-159588-1). (VS) 3 days out-of-hold - see checklist

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: 516008-OU01 CENTRAL DEEP (480-159588-3). These results have been reported and qualified. see attached - no quals

Method(s) 8270D: The following samples required a dilution due to the nature of the sample matrix: 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3). Because of this dilution, the surrogate spike concentrations in the samples were reduced to a level where the recovery calculation does not provide useful information. 10x-100x DF ≥ 10x ∴ not evaluated

Method(s) 8270D: The following samples were diluted due to color and appearance: 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3). Elevated reporting limits (RL) are provided. okay

Method(s) 8270D: The following samples were diluted due to the abundance of target analytes: 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided. DF ≥ 10 ∴ no eval - okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8082A: The continuing calibration verification (CCV) associated with batch 480-494825 recovered above the upper control limit for PCB-1262. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: 516008-OU01 NORTH (480-159588-1) and 516008-OU01 CENTRAL SHALLOW (480-159588-2). okay - no quals

Method(s) 8082A: The continuing calibration verifications (CCV) associated with analyte batch 480-495009 recovered above the upper control limit for PCB-1232, PCB-1262 and PCB-1248. The sample associated with these CCVs was non-detect for the affected analytes; therefore, the data have been reported. The following sample is impacted: (LCS 480-494235/2-A). okay - no quals

Method(s) 8082A: All primary data for analytical batches 494825 and 495009 are reported from the ZB-35 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount; individual peak calculations are only listed for completeness.

Method(s) 8151A: All primary data for analytical batch 494926 are reported from the RTX-CLPI column.

CK 11/21/2019

Method(s) 8151A: Surrogate recoveries for the following samples were outside control limits: 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2) and (LB 480-494269/1-E). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components. not outside Reg II NYSDEC Limits ∴ no quals

Method(s) 8081B: All primary data for analytical batch 494848 are reported from the RTX-CLPI column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 6010C: The Low Level Continuing Calibration Verification, (CCVL 480-494655/35) associated with batch 480-494655, contained Arsenic above the upper quality control limit. The associated TCLP samples were either ND for the affected analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2), (LCS 480-494517/3-A), (LCSD 480-494517/11-A) and (MB 480-494517/2-A) was not performed. Okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples have been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-OU01 NORTH (480-159588-1), 516008-OU01 CENTRAL SHALLOW (480-159588-2) and 516008-OU01 CENTRAL DEEP (480-159588-3). (J) all results for pH and Temp

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-494269 and 480-494490. okay

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-494269 and 480-494535. okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LK 11/20/2019

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-494666/7
Matrix: Solid
Analysis Batch: 494666

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			09/28/19 11:53	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			09/28/19 11:53	1
Benzene	ND		0.0010	0.00041	mg/L			09/28/19 11:53	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			09/28/19 11:53	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			09/28/19 11:53	1
Chloroform	ND		0.0010	0.00034	mg/L			09/28/19 11:53	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			09/28/19 11:53	1
Trichloroethene	ND		0.0010	0.00046	mg/L			09/28/19 11:53	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			09/28/19 11:53	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			09/28/19 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*09/28/19 11:53*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*09/28/19 11:53*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*09/28/19 11:53*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*09/28/19 11:53*	*1*

Lab Sample ID: LCS 480-494666/5
Matrix: Solid
Analysis Batch: 494666

Client Sample ID: Lab Control Sample
70-130 % **Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	0.0250	0.0256		mg/L		102	75 - 120
2-Butanone (MEK)	0.125	0.165		mg/L		132	57 - 140
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Carbon tetrachloride	0.0250	0.0248		mg/L		99	72 - 134
Chlorobenzene	0.0250	0.0255		mg/L		102	80 - 120
Chloroform	0.0250	0.0249		mg/L		100	73 - 127
Tetrachloroethene	0.0250	0.0266		mg/L		106	74 - 122
Trichloroethene	0.0250	0.0253		mg/L		101	74 - 123
Vinyl chloride	0.0250	0.0216		mg/L		86	65 - 133
1,1-Dichloroethene	0.0250	0.0240		mg/L		96	66 - 127

sample results nd ∴ no qual

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*75 - 123*

Lab Sample ID: MB 480-495484/2-A
Matrix: Solid
Analysis Batch: 495619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 495484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		100	27	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Ethylbenzene	ND		100	29	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
Benzene	ND		100	19	ug/Kg		10/02/19 14:07	10/03/19 11:52	1
m-Xylene & p-Xylene	ND		200	55	ug/Kg		10/02/19 14:07	10/03/19 11:52	1

LK 11/15/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-494588/2-A
Matrix: Solid
Analysis Batch: 495013

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 494588

50-140 BN
30-140 acidic

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrobenzene	0.0500	0.0474		mg/L		95	53 - 123
Pentachlorophenol	0.100	0.0851		mg/L		85	29 - 136
Pyridine	0.100	0.0237	J	mg/L		24	10 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*41 - 120*
2-Fluorobiphenyl	*90*		*48 - 120*
2-Fluorophenol (Surr)	*44*		*35 - 120*
Phenol-d5 (Surr)	*34*		*22 - 120*
p-Terphenyl-d14 (Surr)	*90*		*60 - 148*
Nitrobenzene-d5 (Surr)	*93*		*46 - 120*

Lab Sample ID: LCSD 480-494588/3-A
Matrix: Solid
Analysis Batch: 495013

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 494588

50-140 BN
30-140 acidic

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0500	0.0347		mg/L		69	51 - 120	1	36
2,4-Dinitrotoluene	0.0500	0.0490		mg/L		98	69 - 120	1	20
2,4,5-Trichlorophenol	0.0500	0.0460		mg/L		92	65 - 126	3	18
2,4,6-Trichlorophenol	0.0500	0.0431		mg/L		86	64 - 120	7	19
2-Methylphenol	0.0500	0.0367		mg/L		73	39 - 120	7	27
4-Methylphenol	0.0500	0.0326		mg/L		65	29 - 131	18	24
Hexachlorobenzene	0.0500	0.0485		mg/L		97	61 - 120	9	15
Hexachlorobutadiene	0.0500	0.0351		mg/L		70	35 - 120	6	44
Hexachloroethane	0.0500	0.0319		mg/L		64	43 - 120	10	46
Nitrobenzene	0.0500	0.0437		mg/L		87	53 - 123	8	24
Pentachlorophenol	0.100	0.0811		mg/L		81	29 - 136	5	37
Pyridine	0.100	0.0234	J	mg/L		23	10 - 120	1	49

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*41 - 120*
2-Fluorobiphenyl	*85*		*48 - 120*
2-Fluorophenol (Surr)	*42*		*35 - 120*
Phenol-d5 (Surr)	*31*		*22 - 120*
p-Terphenyl-d14 (Surr)	*93*		*60 - 148*
Nitrobenzene-d5 (Surr)	*89*		*46 - 120*

Lab Sample ID: LB 480-494269/1-F
Matrix: Solid
Analysis Batch: 495013

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 494588

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.040	0.0018	mg/L		09/27/19 15:27	10/01/19 01:05	1
2,4-Dinitrotoluene	ND		0.020	0.0017	mg/L		09/27/19 15:27	10/01/19 01:05	1
2,4,5-Trichlorophenol	ND		0.020	0.0019	mg/L		09/27/19 15:27	10/01/19 01:05	1
2,4,6-Trichlorophenol	ND		0.020	0.0024	mg/L		09/27/19 15:27	10/01/19 01:05	1
2-Methylphenol	ND		0.020	0.0016	mg/L		09/27/19 15:27	10/01/19 01:05	1

LCK 11/15/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008 - OU1 PDI

Job ID: 480-159588-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

BN - 50-140
acidic - 30-140

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TBP (54-120)	FBP (60-120)	2FP (52-120)	PHL (54-120)	TPHd14 (79-130)	NBZ (53-120)
480-159588-2	516008-OU01 CENTRAL SHALI	151 X	101	81	79	127	98
480-159588-2 - DL	516008-OU01 CENTRAL SHALLOW	0 X	100	0 X	0 X	0 X	136 X
480-159588-3	516008-OU01 CENTRAL DEEP	123 X	104	87	85	123	93
480-159588-3 - DL	516008-OU01 CENTRAL DEEP	0 X	95	98	85	119	96
LCS 480-494341/2-A	Lab Control Sample	96	96	87	84	107	87
MB 480-494341/1-A	Method Blank	79	96	92	85	112	88

okay - 1 surr out of each type allowed

DF ≥ 10 :no qual

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

BN - 50-140
acidic - 30-140

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TBP (41-120)	FBP (48-120)	2FP (35-120)	PHL (22-120)	TPHd14 (60-148)	NBZ (46-120)
LCS 480-494588/2-A	Lab Control Sample	96	90	44	34	90	93
LCSD 480-494588/3-A	Lab Control Sample Dup	90	85	42	31	93	89
MB 480-494588/1-A	Method Blank	60	75	37	26	88	82

okay - only one out and MB

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

BN - 50-140
Acidic - 30-140

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TBP (41-120)	FBP (48-120)	2FP (35-120)	NBZ (46-120)	TPHd14 (60-148)	PHL (22-120)
480-159588-1	516008-OU01 NORTH	93	91	45	91	99	33
480-159588-2	516008-OU01 CENTRAL SHALLOW	70	90	46	89	89	31
LB 480-494269/1-F	Method Blank	76	77	43	76	88	30

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

LCK 11/20/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008 - OU1 PDI

Job ID: 480-159588-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DCBP1 (20-120)	DCBP2 (20-120)	TCX1 (44-120)	TCX2 (44-120)
LCS 480-494490/2-A	Lab Control Sample	49	51	87	75
LCSD 480-494490/3-A	Lab Control Sample Dup	50	52	78	75
MB 480-494490/1-A	Method Blank	50	53	79	71

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DCBP1 (20-120)	DCBP2 (20-120)	TCX1 (44-120)	TCX2 (44-120)
480-159588-1	516008-OU01 NORTH	95	108	81	86
480-159588-2	516008-OU01 CENTRAL SHALLOW	79	104	96	111
LB 480-494269/1-C	Method Blank	93	97	46	42 X

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

30-150

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-159588-1	516008-OU01 NORTH	90	88	98	95
480-159588-2	516008-OU01 CENTRAL SHALLOW	98	77	110	74
LCS 480-494235/2-A	Lab Control Sample	147	108	177 X	133
MB 480-494235/1-A	Method Blank	134	94	148	116

okay - LCS and samples nd ∴ noqual

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DCPAA1 (48-132)	DCPAA2 (48-132)
LCS 480-494535/2-A	Lab Control Sample	94	78
LCSD 480-494535/3-A	Lab Control Sample Dup	84	75
MB 480-494535/1-A	Method Blank	79	68

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

UR 11/20/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008 - OU1 PDI

Job ID: 480-159588-1

Method: 8151A - Herbicides (GC)

Matrix: Solid

30-150

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	**Client Sample ID**	**DCPAA1 (48-132)**	**DCPAA2 (48-132)**
480-159588-1	516008-OU01 NORTH	37 X	43 X
480-159588-2	516008-OU01 CENTRAL SHALLOW	36 X	17 X
LB 480-494269/1-E	Method Blank	36 X	36 X

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

okay - results reported from other column (RTX-CLP1)
∴ no quals

LLK 11/18/2019

VOCs

no quals

PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : SW-846 8260C
Laboratory: TAL Buffalo **SDG(s):** 480-160051-1
Date: 11/19/2019
Reviewer: Liesel Krout
Review Level [X] CATEGORY A

1. ☑ Case **Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? Yes-see attached narrative
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)
2. ☑ **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. (YES) NO (circle one)
3. ☑ **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are Trip blanks free of contamination? (YES) NO (circle one)
   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RB
4. ☑ **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)
   Were MS/MSDs submitted/analyzed? YES (NO)
   Were all results within the Region II limits? YES NO (NA) (circle one) no MS/MSD
5. ☑ **Field Duplicates** - Region II Limits (water RPD 50, soil RPD 100)
   Were Field Duplicates submitted/analyzed? YES (NO)
   Were all results within Region II Limits? YES NO (NA) (circle one) no FD
6. ☑ **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one)
   samples
   DP-B5A010
   DP-D10A010
   DP-E11D010
   DP-H10C010
   analyzed at (2x) dil
   *Elevated RL's reported
7. ☑ **Electronic Data Review and Edits**
   Does the EDD match the Form Is? (YES) NO (circle one)
8. ☑ **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)
   Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

9. ✓ LCS (70-130)
   all within limits ✓
10. ✓ Surrogates (70-130)
    all within limits ✓

SVOC

no quals

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Sonnac Lake PDI
Method : SW-846 8270D
Laboratory and SDG(s): TAL Buffalo **SDG#** 480-160051-1
Date: 11/19/2019
Reviewer: Liesl Fout
Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? (YES) NO (circle one) See attached
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**
   Were all water samples extracted within the 7 day holding time, and/or soil within 14 days?

3. [✓] **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are field blanks free of contamination? YES NO (NA) (circle one) no FB

4. [✓] **Matrix Spike** (water & soil limits: Base/neutral 50-140; Acid 30-140; RPD water = 20; RPD soil = 35)
   Were MS/MSDs submitted/analyzed? (YES) NO
   Were all results were within limits? (YES) NO NA (circle one)

5. [✓] **Field Duplicates** (RPD limits = water:50, soil:100)
   Were Field Duplicates submitted/analyzed? YES (NO)
   Were RPDs within criteria. YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) 10x-50x dilutions for samples: all detects ~~DP-B10A10 and~~ LKS 11/19

7. [✓] **Electronic Data Review and Edits**: Does the EDD match the Form Is? (YES) NO (circle one) DP-G12B010
   • elevated RLs reported

8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. LCS (50-140% for BN compounds, 30-140% for Acid compounds) all within limits ✓

10. Surrogates (50-140% BN compounds, 30-140% for acidic compounds) all within limits ✓

GENERAL CHEMISTRY

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Seneca Lake PDI
Method : 9012B and D2216
Laboratory and SDG(s): TAL Buffalo SDG 480-160091-1
Date: 11/19/2019
Reviewer: Liesel Krog
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**

   Were all samples properly preserved? (YES) NO (circle one)

   Were all samples analyzed within the method/project holding times? YES (NO) (circle one) (see narrative)

   %moisture and %solids results qualified (J) for 1 day exceedance of 10 day HT. in the following samples:
   DP-E7D120
   DP-F9D160
   DP-G5B010
   DP-G7D200
   DP-G8D060
   DP-G8D100
   DP-I8A010
   TP-B3D030

3. [✓] **QC Blanks**

   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs

4. [✓] **Matrix Spike** (Lab Limits)

   Were MS/MSDs submitted/analyzed? (YES) NO (circle one)

   Were all results were within limits? YES (NO) NA (circle one) see attached MS data and narrative

5. [✓] **Field Duplicates** (RPD limits for soil=100, water = 50)

   Were Field Duplicates submitted/analyzed? YES (NO)

   Were RPDs within the limits? YES NO (NA) (circle one) no FD

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits**

   Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review:**

   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

9. ✓ LCS (lab limits) ✓ within limits

Job Narrative
480-160051-1

Comments
No additional comments.

Receipt
The samples were received on 9/28/2019 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

Receipt Exceptions
Some container label for samples received did not match the information listed on the Chain-of-Custody (COC): Samples were logged in as per what was listed on the COC. Okay

GC/MS VOA
Method(s) 8260C: The following volatiles samples were analyzed using medium level soil analysis and diluted due to foaming at the time of purging during the original sample analysis: DP-E11D010 (480-160051-2), DP-H10C010 (480-160051-8), DP-D10A010 (480-160051-10) and DP-B5A010 (480-160051-11). Elevated reporting limits (RLs) are provided. Okay

Method(s) 8260C: The following samples were analyzed using medium level soil analysis: DP-G4A110 (480-160051-1), DP-E11D150 (480-160051-3), DP-G11C010 (480-160051-6), DP-G11C170 (480-160051-7), DP-H10C230 (480-160051-9), TB-092319 (480-160051-18), DP-G5B010 (480-160051-19), DP-I8A010 (480-160051-20), DP-H6A100 (480-160051-21) and DP-G5B110 (480-160051-22). Okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following samples was diluted due to color and appearance: DP-G11C010 (480-160051-6) and DP-D10A010 (480-160051-10). Elevated reporting limits (RL) are provided. Okay

Method(s) 8270D: The following sample required a dilution due to color and appearance: DP-D10A010 (480-160051-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. Okay DF ≥ 10X ∴ not evaluated

Method(s) 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: DP-G4A110 (480-160051-1). These results have been reported and qualified. Okay - no quals

Method(s) 8270D: The following sample was diluted due to color, appearance and viscosity: DP-D10A010 (480-160051-10). Elevated reporting limits (RL) are provided. Okay

Method(s) 8270D: The following samples required a dilution due to color, appearance and viscosity: DP-D10A010 (480-160051-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information. Okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9012B: Reanalysis of the following sample(s) was performed outside of the analytical holding time due failure in original batch of matrix spike (MS) potentially due to no addition of spiking reagent. Both sets of data are reported: DP-G8D100 (480-160051-12).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LK 11/20/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-160051-1 MSD
Matrix: Solid
Analysis Batch: 496384

Client Sample ID: DP-G4A110
Prep Type: Total/NA
Prep Batch: 495788

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*54 - 120*
2-Fluorobiphenyl	*105*		*60 - 120*
2-Fluorophenol (Surr)	*85*		*52 - 120*
Phenol-d5 (Surr)	*96*		*54 - 120*
p-Terphenyl-d14 (Surr)	*117*		*79 - 130*
Nitrobenzene-d5 (Surr)	*94*		*53 - 120*

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-496323/1-A
Matrix: Solid
Analysis Batch: 496416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 496323

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.98	0.47	mg/Kg		10/07/19 09:55	10/07/19 13:51	1

Lab Sample ID: LCSSRM 480-496323/2-A ^10
Matrix: Solid
Analysis Batch: 496416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 496323

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	86.4	31.79		mg/Kg		36.8	29.1 - 119.2

Lab Sample ID: 480-160051-12 MS
Matrix: Solid
Analysis Batch: 496416

Client Sample ID: DP-G8D100
Prep Type: Total/NA
Prep Batch: 496323

no qual - see narrative

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.75	J F1	1.31	ND	F1	mg/Kg	☼	0	85 - 115

lab error

Lab Sample ID: 480-160051-4 DU
Matrix: Solid
Analysis Batch: 496416

Client Sample ID: TW-702070
Prep Type: Total/NA
Prep Batch: 496323

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	1.1	J	1.19	J	mg/Kg	☼	11	15

Lab Sample ID: MB 480-497228/1-A
Matrix: Solid
Analysis Batch: 497258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 497228

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.97	0.47	mg/Kg		10/10/19 13:45	10/10/19 14:36	1

LLK 11/20/2019

VOCs

noquals ✓

PROJECT CATEGORY A REVIEW RECORD
Project: Sarnac Lake POI
Method : SW-846 8260C
Laboratory: TAL Buffalo **SDG(s):** 480-160062-1
Date: 11/19/2019
Reviewer: Liesel Kraft
Review Level [X] CATEGORY A

1. ☑ Case **Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? Yes - see attached
   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? YES (NO) (circle one) emailed lab for revised sample results
   • see sample summary attached
2. ☑ **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. (YES) NO (circle one)
3. ☑ **QC Blanks**
   Are method blanks free of contamination? (YES) NO (circle one)
   Are Trip blanks free of contamination? (YES) NO (circle one)
   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs
4. ☑ **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)
   Were MS/MSDs submitted/analyzed? (YES) NO
   Were all results within the Region II limits? (YES) NO NA (circle one)
5. ☑ **Field Duplicates** - Region II Limits (water RPD 50, soil RPD 100)
   Were Field Duplicates submitted/analyzed? (YES) NO see attached
   Were all results within Region II Limits? (YES) NO NA (circle one)
6. ☑ **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) 4x-10x dilution for samples:
   • MW20410025
   • MW 20500025
   • MW 20500258
7. ☑ **Electronic Data Review and Edits**
   Does the EDD match the Form Is? (YES) NO (circle one)
8. ☑ **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)
   Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

• all detections ∴ no elevated RLs reported

9. LCS (70-130) all within limits ✓

10. Surrogates (80-120) all within limits ✓

no quals

SVOC

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Seneca Lake PDI
Method : SW-846 8270D
Laboratory and SDG(s): TAL Buffalo **SDG#** 480-160062-1
Date: 11/19/2019
Reviewer: Liesel Krut
Review Level [X] CATEGORY A

1. [✓] **Case Narrative Review and Data Package Completeness** COMMENTS
   Were problems noted? YES NO (circle one) see attached
   Were all the samples on the COC analyzed for the requested analyses? YES NO (circle one)
   Are Field Sample IDs and Locations assigned correctly? YES NO (circle one) see VOC checklist
2. [✓] **Holding time and Sample Collection**
   Were all water samples extracted within the 7 day holding time, and/or soil within 14 days?
3. [✓] **QC Blanks**
   Are method blanks free of contamination? YES NO (circle one)
   Are field blanks free of contamination? YES NO NA (circle one) no FBs
4. [✓] **Matrix Spike** (water & soil limits: Base/neutral 50-140; Acid 30-140; RPD water = 20; RPD soil = 35)
   Were MS/MSDs submitted/analyzed? YES NO
   Were all results were within limits? YES NO NA (circle one) see attached - no quals
5. [✓] **Field Duplicates** (RPD limits = water:50, soil:100)
   Were Field Duplicates submitted/analyzed? YES NO
   Were RPDs within criteria. YES NO NA (circle one) see attached
6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES NO (circle one) 5x-100x dilutions for samples: MW204023, MW205D025, MW205D025D, MW702015
   • elevated RLs reported
7. [✓] **Electronic Data Review and Edits**: Does the EDD match the Form Is? YES NO (circle one)
8. [✓] **Table Review**
   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? YES NO (circle one)
9. ✓ LCS (BN: 50-140, a: 30-140) all within limits ✓
10. ✓ Surrogates (BN: 50-140, a: 30-140) see attached - no quals

PFAS

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Barnac Lake PDI
Method : Modified 537
Laboratory and SDG(s): TAL ~~Buffalo~~ West Sacramento **SDG#** 480-160062-1
Date: 11/20/2019
Reviewer: Liesel Krout
Review Level [X] CATEGORY A

1. ☑ **Case Narrative Review and Data Package Completeness** COMMENTS
Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

Are Field Sample IDs and Locations assigned correctly? YES (NO) (circle one) See VOC checklist

2. ☑ **Holding time and Sample Collection**
Were all water samples extracted within the 14 day holding time, and extracts analyzed within 28 days? (YES) NO (circle one)

3. ☑ **QC Blanks**
Are method blanks free of contamination? YES (NO) (circle one) see attached for quals

Are field reagent blanks free of contamination? YES NO (NA) (circle one) no FRB

4. ☑ **Matrix Spike** (water & soil limits: lab limits)
Were MS/MSDs submitted/analyzed? YES (NO)

Were all results were within limits? YES NO (NA) (circle one) no MS/MSD

5. ☑ **Field Duplicates** (RPD limits = water:50, soil:100)
Were Field Duplicates submitted/analyzed? (YES) NO see attached

Were RPDs within criteria. (YES) NO NA (circle one)

6. ☑ **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one) PFBA in sample TW702015 analyzed at 5x dil

7. ☑ **Electronic Data Review and Edits**: Does the EDD match the Form I's? (YES) NO (circle one) * elevated RL reported

8. ✓ **Table Review**
Table 1 (Samples and Analytical Methods)
Table 2 (Analytical Results)
Table 3 (Qualification Actions)
Were all tables produced and reviewed? (YES) NO (circle one)

9. ✓ LCS (Lab Limits)
all within limits ✓

10. ✓ Surrogates (Lab Limits)
see attached for quals. (J5) for 6:2 FTS and 8:2 FTS subsets

GENERAL CHEMISTRY

NYSDEC PROJECT CATEGORY A REVIEW RECORD
Project: Saranac Lake PDI
Method : 2540C, 5310D, 4500CIG, 2540D, 9040C
Laboratory and SDG(s): TAL Buffalo SDG 480-160062-1
Date: 11/20/2019
Reviewer: Liesel Ghost
Review Level [X] Category A Review

1. [✓] **Case Narrative Review and Data Package Completeness**

   Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)

   Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one)

2. [✓] **Holding time and Sample Collection**

   Were all samples properly preserved? (YES) NO (circle one)

   Were all samples analyzed within the method/project holding times? YES (NO) (circle one)

   • TSS and TDS for sample HYDRANT qualified J/UJ for 1-5 days out of 7 day HT
   • pH, Temp, and chlorine qualified J for exceeding 15min HT

3. [✓] **QC Blanks**

   Are method blanks free of contamination? (YES) NO (circle one)

   Are Rinse blanks free of contamination? YES NO (NA) (circle one) no RBs

4. [✓] **Matrix Spike** (Lab Limits)

   Were MS/MSDs submitted/analyzed? YES (NO) (circle one)

   Were all results were within limits? YES NO (NA) (circle one) no MS/MSD

5. [✓] **Field Duplicates** (RPD limits for soil=100, water=50)

   Were Field Duplicates submitted/analyzed? YES (NO) no FD

   Were RPDs within the limits? YES NO (NA) (circle one)

6. [✓] **Reporting Limits:** Were samples analyzed at a dilution? YES (NO) (circle one)

7. [✓] **Electronic Data Review and Edits**

   Does the EDD match the Form Is? (YES) NO (circle one)

8. [✓] **Table Review:**

   Table 1 (Samples and Analytical Methods)
   Table 2 (Analytical Results)
   Table 3 (Qualification Actions)
   Were all tables produced and reviewed? (YES) NO (circle one)

a. ✓ LCS (Lab Limits) all within limits ✓

~~b.~~ 5

Job Narrative
480-160062-1

Comments
No additional comments.

Receipt
The samples were received on 9/28/2019 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.7° C, 3.0° C and 3.3° C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-496235 recovered outside acceptance criteria, low biased, for Naphthalene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: PP-701 (480-160062-2), PP-702 (480-160062-3), PP-703 (480-160062-4), PP-704 (480-160062-5), PP-705 (480-160062-6), PP-706 (480-160062-7) and TB-092519 (480-160062-13). okay - no qual

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: 516008-MW205D02SD (480-160062-10), 516008-MW204023 (480-160062-11), 516008-MW204023 (480-160062-11[MS]) and 516008-MW204023 (480-160062-11[MSD]). Elevated reporting limits (RLs) are provided. okay

Method 8260C: Surrogate recovery in the continuing calibration verification (CCV) was outside the 20%D recovery for Toluene-d8 (Surr) . The following samples are impacted: (CCVIS 480-496235/3). no quals - QC

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: 516008-MW205D02S (480-160062-9). Elevated reporting limits (RLs) are provided. okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D SIM ID: The breakdown of 4,4'-DDT in the tuning evaluation exceeded 20%. Breakdown is not a criteria of the method but rather an internal check performed by the laboratory to evaluate the peak shape of 1,4-Dioxane and 1,4-Dioxane-d8. No adverse performance was observed and QC recoveries were in control. The data have been reported. (DFTPP 480-496016/2). okay

Method 8270D SIM ID: The following sample was diluted due to the nature of the sample matrix: 516008-TW702015 (480-160062-12). Elevated reporting limits (RLs) are provided. okay

Method 8270D SIM ID: The 1,4-Dioxane result reported for samples (LCS 480-495795/2-A) and (LCSD 480-495795/3-A) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope. okay

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 480-495791 and analytical batch 480-497062 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene and Indeno[1,2,3-cd]pyrene. The following samples are impacted:516008-MW108019 (480-160062-8), 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11). not outside Reg II limits - okay

Method 8270D: The following samples were diluted due to the nature of the sample matrix: 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10), 516008-MW204023 (480-160062-11), 516008-MW204023 (480-160062-11[MS]) and 516008-MW204023 (480-160062-11[MSD]). Elevated reporting limits (RLs) are provided. see attached

Method 8270D: 2,4,6-Tribromophenol (Surr) recovered above the upper control limit in the batch laboratory control standard duplicate (LCSD 480-495791/3) for preparation batch 480-495791. However, the associated samples were non detect for acid extractable analytes or the samples were not targeting acid extractable analytes. The data has been reported and qualified. 516008-MW108019 (480-160062-8), 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11) not outside Reg II limits - no quals

Method 8270D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch preparation batch 480-495791 and analytical batch 480-497276 recovered outside control limits for the following analytes: Benzo[g,h,i]perylene and Indeno[1,2,3-cd]pyrene. The following samples are impacted:516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11). not outside Reg II limits - okay see attached

Method 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10), 516008-MW204023 (480-160062-11), 516008-MW204023 (480-160062-11[MS]) and 516008-MW204023 (480-160062-11[MSD]). Elevated reporting limits (RLs) are provided. okay

Method 8270D: The following samples required a dilution due to the abundance of target analytes: 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

25%-50% DF ≥ 10x ∴ not evaluated

10/23/2019

LLK 11/21/2019

Method 8270D: The following samples were diluted due to the abundance of target analytes: 516008-MW204023 (480-160062-11[MS]) and 516008-MW204023 (480-160062-11[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample of target analytes not over calibration range were reduced to a level where the recovery calculation does not provide useful information. 25-500 DF ≥ 100 ∴ not evaluated

Method 8270D: 2,4,6-Tribromophenol (Surr) recovered above the upper control limit in the batch laboratory control standard duplicate (LCSD 480-495791/3) for preparation batch 480-495791. However, the associated samples were ~~non detect for acid extractable~~ analytes or the samples were not targeting acid extractable analytes. The data has been reported and qualified. 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11). okay - not an LCS Reg II limits - see attached - no qual

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS

Method 537 (modified): Due to a shortage in the marketplace for 13C3-PFBS, the target analyte PFBS and/or Perfluoropentanesulfonic acid (PFPeS) could not be quantitated against 13C3-PFBS (its labeled variant) as listed in the SOP. PFBS and Perfluoropentanesulfonic acid (PFPeS) was quantitated versus 18O2-PFHxS instead. (ICV 320-328725/11) nd - okay

Methods 537 (modified), EPA 537 (Mod), EPA 537(Mod): Due to a shortage in the marketplace for 13C3-PFBS, the target analyte PFBS and/or Perfluoropentanesulfonic acid (PFPeS) could not be quantitated against 13C3-PFBS (its labeled variant) as listed in the SOP. PFBS and Perfluoropentanesulfonic acid (PFPeS) was quantitated versus 18O2-PFHxS instead. (ICV 320-330004/11) nd - okay

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery for M2-6:2 FTS is above the method recommended limit for the following samples: 516008-MW205D02SD (480-160062-10). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. okay - see ~~Surrogate~~ pg 31 for quals

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery for M2-6:2 FTS and M2-8:2 FTS are above the method recommended limit for the following sample: 516008-TW702015 (480-160062-12). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The sample was reanalyzed with concurring results; therefore, the data have been reported. okay - see pg 31 for quals

Method 537 (modified): Results for sample 516008-TW702015 (480-160062-12) were reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits. okay - ~~see pg 31 for quals~~ LK 11/21/2019

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method SM 4500 Cl G: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-HYDRANT (480-160062-1). qualified estimated (J)

Method SM 2540D: The following sample was analyzed outside of analytical holding time due to laboratory error: 516008-HYDRANT (480-160062-1). qualified estimated (J)

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-HYDRANT (480-160062-1). qualified estimated (J)

Method SM 2540C: The following sample was analyzed outside of analytical holding time due to laboratory error: 516008-HYDRANT (480-160062-1). qualified estimated (J)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-TW702015 (480-160062-12). The reporting limits (RLs) have been adjusted proportionately. okay

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-MW205D02SD (480-160062-10). The reporting limits (RLs) have been adjusted proportionately. okay

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-329516. okay
Method Code: 3535 PFC

Method 3535: The following samples were observed to contain sediment and be orange in color prior to extraction: 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11). okay

Method 3535: The following sample was observed to contain what appeared to be black oil prior to extraction: 516008-TW702015 (480-160062-12). okay

LK 11/21/2019

Method 3535: The following sample contains non-settleable particulate matter which clogged the solid-phase extraction column: 516008-MW204023 (480-160062-11) . okay

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LLK 11/21/2019

Sample ID: MW205D025/MW205D025D

RPD < 50 ✓

8x dil

10x dil

Compund	Result	LabQual	Dup	LabQual	RPD
Ethylbenzene	91		110		18.90547
Toluene	97		120		21.19816
Xylenes, Total	280		320		13.33333
Xylenes (m&p)	120		130		8
Benzene	410		500		19.78022
Xylene, o	160		190		17.14286
Total BTEX	880		1100		22.22222

UK 11/19/2019

Surrogate Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-160062-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-160062-2	PP-701	113	114	113	118
480-160062-3	PP-702	113	113	114	116
480-160062-4	PP-703	113	111	110	117
480-160062-5	PP-704	113	112	113	116
480-160062-6	PP-705	108	117	108	123
480-160062-7	PP-706	115	112	114	118
480-160062-8	516008-MW108019	113	113	113	116
480-160062-9	516008-MW205D02S	96	100	102	93
480-160062-10	516008-MW205D02SD	115	114	117	114
480-160062-11	516008-MW204023	116	116	107	111
480-160062-11 MS	516008-MW204023	115	115	113	117
480-160062-11 MSD	516008-MW204023	115	116	115	116
480-160062-13	TB-092519	119	117	113	118
LCS 480-496235/5	Lab Control Sample	115	108	112	113
LCS 480-496261/5	Lab Control Sample	116	109	113	115
LCS 480-497126/5	Lab Control Sample	99	102	107	98
MB 480-496235/7	Method Blank	115	94	115	100
MB 480-496261/7	Method Blank	112	114	112	118
MB 480-497126/9	Method Blank	98	104	103	98

J+ result is nd
∴ no quals

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

BN-50-140
a - 30-146

		a	BN	a	a	BN	BN
		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	PHL	TPHd14	NBZ
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(22-120)	(60-148)	(46-120)
480-160062-8	516008-MW108019	76	93	57	40	94	94
480-160062-9	516008-MW205D02S	102	91	46	32	83	75
480-160062-9 - DL	516008-MW205D02S	0 X	103	0 X	60	70	0 X
480-160062-10	516008-MW205D02SD	81	97	57	43	88	83
480-160062-10 - DL	516008-MW205D02SD	87	99	67	43	78	93
480-160062-11	516008-MW204023	101	91	52	35	86	80
480-160062-11 - DL	516008-MW204023	79	84	63	38	91	90
480-160062-11 MS	516008-MW204023	95	96	73	46	90	85
480-160062-11 MS - DL	516008-MW204023	133 X	93	61	24	93	93
480-160062-11 MSD	516008-MW204023	112	97	57	42	87	84
480-160062-11 MSD - DL	516008-MW204023	106	100	71	39	88	92
LCS 480-495791/2-A	Lab Control Sample	109	106	66	46	103	97
LCSD 480-495791/3-A	Lab Control Sample Dup	124 X	111	78	56	109	110
MB 480-495791/1-A	Method Blank	58	93	62	43	95	93

2 acidic surr out, no acidic analytes reported and DI WTR ∴ no qual
DF ≥ 10 ∴ not evaluated
only 1 acidic surr out ∴ no qual

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)

LCK 11/20/2019

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-160062-11 MS
Matrix: Water
Analysis Batch: 497062

BN - 50-140 %R
a - 30-140 %R

Client Sample ID: 516008-MW204023
Prep Type: Total/NA
Prep Batch: 495791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[g,h,i]perylene	ND	*	32.0	30.8		ug/L		96	16 - 147
Benzo[k]fluoranthene	ND		32.0	31.1		ug/L		97	20 - 124
Chrysene	ND		32.0	31.7		ug/L		99	44 - 122
Dibenz(a,h)anthracene	ND		32.0	30.7		ug/L		96	16 - 139
Fluoranthene	ND		32.0	33.8		ug/L		106	63 - 129
Fluorene	12	J	32.0	42.9		ug/L		96	62 - 120
Indeno[1,2,3-cd]pyrene	ND	*	32.0	30.6		ug/L		96	16 - 140
Naphthalene	490	E	32.0	584	E 4	ug/L		300	45 - 120
Pyrene	ND		32.0	31.9		ug/L		100	58 - 128
Phenanthrene	11	J	32.0	40.8		ug/L		92	65 - 122

4x spike << sample result
∴ no quals

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*41 - 120*
2-Fluorobiphenyl	*96*		*48 - 120*
2-Fluorophenol (Surr)	*73*		*35 - 120*
Phenol-d5 (Surr)	*46*		*22 - 120*
p-Terphenyl-d14 (Surr)	*90*		*60 - 148*
Nitrobenzene-d5 (Surr)	*85*		*46 - 120*

Lab Sample ID: 480-160062-11 MSD
Matrix: Water
Analysis Batch: 497062

Client Sample ID: 516008-MW204023
Prep Type: Total/NA
Prep Batch: 495791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	6.7	J	32.0	37.9		ug/L		98	48 - 120	1	24
Acenaphthylene	49		32.0	83.0		ug/L		105	63 - 120	6	18
Anthracene	2.3	J	32.0	35.2		ug/L		103	65 - 122	5	15
Benzo[a]anthracene	ND		32.0	29.5		ug/L		92	43 - 124	2	15
Benzo[a]pyrene	ND		32.0	30.3		ug/L		95	23 - 125	2	15
Benzo[b]fluoranthene	ND		32.0	29.5		ug/L		92	27 - 127	3	15
Benzo[g,h,i]perylene	ND	*	32.0	30.2		ug/L		94	16 - 147	2	15
Benzo[k]fluoranthene	ND		32.0	30.7		ug/L		96	20 - 124	2	22
Chrysene	ND		32.0	30.4		ug/L		95	44 - 122	4	15
Dibenz(a,h)anthracene	ND		32.0	30.2		ug/L		94	16 - 139	2	15
Fluoranthene	ND		32.0	34.6		ug/L		108	63 - 129	2	15
Fluorene	12	J	32.0	43.5		ug/L		98	62 - 120	1	15
Indeno[1,2,3-cd]pyrene	ND	*	32.0	29.3		ug/L		92	16 - 140	4	15
Naphthalene	490	E	32.0	618	E 4	ug/L		407	45 - 120	6	29
Pyrene	ND		32.0	31.3		ug/L		98	58 - 128	2	19
Phenanthrene	11	J	32.0	44.5		ug/L		103	65 - 122	9	15

4x spike << sample result
∴ no quals

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*112*		*41 - 120*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol (Surr)	*57*		*35 - 120*
Phenol-d5 (Surr)	*42*		*22 - 120*
p-Terphenyl-d14 (Surr)	*87*		*60 - 148*
Nitrobenzene-d5 (Surr)	*84*		*46 - 120*

LLK 11/20/2019

QC Sample Results

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-160062-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Lab Sample ID: 480-160062-11 MS
Matrix: Water
Analysis Batch: 497276

BN - 50-140 %R
A - 30-140 %R

Client Sample ID: 516008-MW204023
Prep Type: Total/NA
Prep Batch: 495791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene - DL	ND	F1	32.0	36.5	J	ug/L		114	48 - 120
Acenaphthylene - DL	48	J	32.0	75.2	J	ug/L		85	63 - 120
Anthracene - DL	ND	F1	32.0	36.3	J	ug/L		114	65 - 122
Benzo[a]anthracene - DL	ND		32.0	35.2	J	ug/L		110	43 - 124
Benzo[a]pyrene - DL	ND		32.0	30.2	J	ug/L		94	23 - 125
Benzo[b]fluoranthene - DL	ND		32.0	34.9	J	ug/L		109	27 - 127
Benzo[g,h,i]perylene - DL	ND	F2 *	32.0	11.0	J	ug/L		35	16 - 147
Benzo[k]fluoranthene - DL	ND		32.0	31.6	J	ug/L		99	20 - 124
Chrysene - DL	ND		32.0	35.0	J	ug/L		109	44 - 122
Dibenz(a,h)anthracene - DL	ND		32.0	28.7	J	ug/L		90	16 - 139
Fluoranthene - DL	ND		32.0	34.9	J	ug/L		109	63 - 129
Fluorene - DL	11	J	32.0	42.1	J	ug/L		96	62 - 120
Indeno[1,2,3-cd]pyrene - DL	ND	*	32.0	29.8	J	ug/L		93	16 - 140
Naphthalene - DL	490		32.0	623	4	ug/L		422	45 - 120
Pyrene - DL	ND		32.0	33.7	J	ug/L		105	58 - 128
Phenanthrene - DL	9.6	J	32.0	44.9	J	ug/L		110	65 - 122

Okay - result retrieved from "DL" run. ∴ no qual

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - DL	*133*	*X*	*41 - 120*
2-Fluorobiphenyl - DL	*93*		*48 - 120*
2-Fluorophenol (Surr) - DL	*61*		*35 - 120*
Phenol-d5 (Surr) - DL	*24*		*22 - 120*
p-Terphenyl-d14 (Surr) - DL	*93*		*60 - 148*
Nitrobenzene-d5 (Surr) - DL	*93*		*46 - 120*

4x spike << sample result
∴ no quals

Lab Sample ID: 480-160062-11 MSD
Matrix: Water
Analysis Batch: 497276

Client Sample ID: 516008-MW204023
Prep Type: Total/NA
Prep Batch: 495791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene - DL	ND	F1	32.0	40.0	J F1	ug/L		125	48 - 120	9	24
Acenaphthylene - DL	48	J	32.0	79.4	J	ug/L		98	63 - 120	5	18
Anthracene - DL	ND	F1	32.0	39.3	J F1	ug/L		123	65 - 122	8	15
Benzo[a]anthracene - DL	ND		32.0	32.3	J	ug/L		101	43 - 124	9	15
Benzo[a]pyrene - DL	ND		32.0	32.2	J	ug/L		101	23 - 125	6	15
Benzo[b]fluoranthene - DL	ND		32.0	30.4	J	ug/L		95	27 - 127	14	15
Benzo[g,h,i]perylene - DL	ND	F2 *	32.0	28.4	J F2	ug/L		89	16 - 147	88	15
Benzo[k]fluoranthene - DL	ND		32.0	33.3	J	ug/L		104	20 - 124	5	22
Chrysene - DL	ND		32.0	32.6	J	ug/L		102	44 - 122	7	15
Dibenz(a,h)anthracene - DL	ND		32.0	28.6	J	ug/L		89	16 - 139	0	15
Fluoranthene - DL	ND		32.0	34.8	J	ug/L		109	63 - 129	0	15
Fluorene - DL	11	J	32.0	39.1	J	ug/L		86	62 - 120	7	15
Indeno[1,2,3-cd]pyrene - DL	ND	*	32.0	29.9	J	ug/L		93	16 - 140	0	15
Naphthalene - DL	490		32.0	699	4	ug/L		660	45 - 120	12	29
Pyrene - DL	ND		32.0	31.5	J	ug/L		98	58 - 128	7	19
Phenanthrene - DL	9.6	J	32.0	42.4	J	ug/L		102	65 - 122	6	15

4x Spike << sample result
∴ no qual

LLK 11/20/2019

RPD < 50

Sample ID: MW205D025/MW205D025D

25 x dil

Compund	Result	LabQual	Dup	LabQual	RPD
Anthracene	2.8	J	130	U	191.5663
Acenaphthylene	130		130		0
Acenaphthene	41		38	J	7.594937
Phenanthrene	20	J	20	J	0
Fluorene	20	J	21	J	4.878049
Naphthalene	2100		2000		4.878049

okay - both below RL and elevated RL due to dilution

LLK 11/20/2019

no quals

RPD <50 ✓

Sample ID: MW205D025/MW205D025D

Compund	Result	LabQual	Dup	LabQual	RPD
Perfluorooctanessulfonic acid (PFOS)	0.86	J	1.9	U	75.36232 okay <RL
Perfluorooctanoic acid (PFOA)	1.9		2.3		19.04762
Perfluoroheptanoic acid (PFHpA)	0.60	J	0.61	J	1.652893
Perfluroroctanesulfonamide (FOSA)	1.9	B	1.9	U	0
Perfluoropentanoic acid (PFPeA)	1.9	U	2.9		41.66667
Perfluorohexanoic acid (PFHxA)	1.9	U	0.73	J	88.97338 okay <RL
Perfluorononanoic acid (PFNA)	1.9	U	0.30	J	145.4545 okay <RL

LLK 11/20/2019

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 320-329516/1-A
Matrix: Water
Analysis Batch: 329825

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 329516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.25	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorotetradecanoic acid (PFTeA)	0.342	J	2.0	0.29	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorohexanesulfonic acid (PFHxS)	0.275	J	2.0	0.17	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		10/09/19 05:34	10/10/19 08:20	1
Perfluorooctanesulfonamide (FOSA)	0.548	J	2.0	0.35	ng/L		10/09/19 05:34	10/10/19 08:20	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		10/09/19 05:34	10/10/19 08:20	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		10/09/19 05:34	10/10/19 08:20	1
6:2 FTS	ND		20	2.0	ng/L		10/09/19 05:34	10/10/19 08:20	1
8:2 FTS	ND		20	2.0	ng/L		10/09/19 05:34	10/10/19 08:20	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*102*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C5 PFPeA	*103*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C2 PFHxA	*103*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C4 PFHpA	*104*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C4 PFOA	*102*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C5 PFNA	*106*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C2 PFDA	*102*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C2 PFUnA	*99*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C2 PFDoA	*100*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C2 PFTeDA	*102*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
18O2 PFHxS	*109*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C4 PFOS	*97*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
13C8 FOSA	*103*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
d3-NMeFOSAA	*105*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
d5-NEtFOSAA	*104*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
M2-6:2 FTS	*82*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*
M2-8:2 FTS	*74*		*25 - 150*	*10/09/19 05:34*	*10/10/19 08:20*	*1*

Lab Sample ID: LCS 320-329516/2-A
Matrix: Water
Analysis Batch: 329825

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 329516

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	41.5		ng/L		104	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	39.9		ng/L		100	66 - 126
Perfluorohexanoic acid (PFHxA)	40.0	39.7		ng/L		99	66 - 126
Perfluoroheptanoic acid (PFHpA)	40.0	39.7		ng/L		99	66 - 126

LLK 11/20/2019

Isotope Dilution Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-160062-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)
		DXE
Lab Sample ID	Client Sample ID	(15-110)
480-160062-8	516008-MW108019	27
480-160062-9	516008-MW205D02S	23
480-160062-10	516008-MW205D02SD	28
480-160062-11	516008-MW204023	23
480-160062-12	516008-TW702015	25
LCS 480-495795/2-A	Lab Control Sample	31
LCSD 480-495795/3-A	Lab Control Sample Dup	31
MB 480-495795/1-A	Method Blank	31

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnA
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
480-160062-8	516008-MW108019	89	96	99	102	102	94	98	97
480-160062-9	516008-MW205D02S	72	79	91	105	104	109	109	111
480-160062-10	516008-MW205D02SD	72	80	101	103	105	103	110	110
480-160062-11	516008-MW204023	57	57	67	74	74	75	77	68
480-160062-12	516008-TW702015		56	79	97	99	107	111	113
480-160062-12 - DL	516008-TW702015	68							
LCS 320-329516/2-A	Lab Control Sample	104	104	100	110	105	102	102	101
LCSD 320-329516/3-A	Lab Control Sample Dup	109	110	105	109	108	112	107	105
MB 320-329516/1-A	Method Blank	102	103	103	104	102	106	102	99

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFDoA	PFTDA	PFHxS	PFOS	PFOSA	NMeFOSA	NEtFOSA	M262FTS
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)
480-160062-8	516008-MW108019	99	94	105	95	97	104	106	78
480-160062-9	516008-MW205D02S	109	99	107	101	105	118	120	172 * UJ
480-160062-10	516008-MW205D02SD	107	101	109	99	102	112	120	159 * UJ
480-160062-11	516008-MW204023	70	61	76	69	70	71	75	99
480-160062-12	516008-TW702015	111	88	107	109	99	118	98	227 * UJ
480-160062-12 - DL	516008-TW702015								
LCS 320-329516/2-A	Lab Control Sample	108	101	109	100	98	110	102	71
LCSD 320-329516/3-A	Lab Control Sample Dup	105	99	115	108	96	106	105	80
MB 320-329516/1-A	Method Blank	100	102	109	97	103	105	104	82

		Percent Isotope Dilution Recovery (Acceptance Limits)
		M282FTS
Lab Sample ID	Client Sample ID	(25-150)
480-160062-8	516008-MW108019	74
480-160062-9	516008-MW205D02S	121
480-160062-10	516008-MW205D02SD	121
480-160062-11	516008-MW204023	71
480-160062-12	516008-TW702015	173 * UJ
480-160062-12 - DL	516008-TW702015	
LCS 320-329516/2-A	Lab Control Sample	78
LCSD 320-329516/3-A	Lab Control Sample Dup	80

UK 11/21/2019

Krout, Liesel

From: Ricardi, Julie A
Sent: Wednesday, November 27, 2019 8:18 AM
To: Stone, Judy; Krout, Liesel
Cc: Vogan, Nathan
Subject: RE: NYSDEC Saranac Lake OU01 PDI SDG 480-160062-1 and 480-160051-1 -- Sample name changes

Thanks, Judy!

Liesel, I've saved these in the project folders. Good eye ☺!

Thanks,
Julie

Julie Ricardi
Senior Environmental Scientist – QA Specialist
511 Congress Street, Portland, ME 04101
Direct: (207) 828-3608
Mobile: (207) 240-2898
www.woodplc.com

wood.

From: Stone, Judy <Judy.Stone@testamericainc.com>
Sent: Tuesday, November 26, 2019 8:41 PM
To: Krout, Liesel <liesel.krout@woodplc.com>
Cc: Ricardi, Julie A <julie.ricardi@woodplc.com>; Vogan, Nathan <nathan.vogan@woodplc.com>
Subject: RE: NYSDEC Saranac Lake OU01 PDI SDG 480-160062-1 and 480-160051-1 -- Sample name changes

The revised reports have both been sent now and posted to TotalAccess.

Judy Stone
Project Manager

Phone: 484-685-0868

E-mail: Judy.Stone@testamericainc.com

SHIPPING ALERT: Thanksgiving Day, Thursday November 28th 2019

For the upcoming Thanksgiving holiday (observed Thursday, November 28th) Eurofins TestAmerica will be closed. FedEx and UPS will not have scheduled service on Thursday, November 28th.

If you have BODs being sampled on Monday, Tuesday or Wednesday of Thanksgiving week or short hold samples arriving at the laboratory on Wednesday, Friday or on Thanksgiving weekend, we ask that you contact your Project Manager in advance. We want to ensure your samples meet all holding time criteria.

We are thankful for your business and hope that you have a wonderful and safe holiday!

From: Krout, Liesel [mailto:liesel.krout@woodplc.com]
Sent: Monday, November 25, 2019 1:05 PM
To: Stone, Judy
Cc: Ricardi, Julie A; Vogan, Nathan
Subject: NYSDEC Saranac Lake OU01 PDI SDG 480-160062-1 and 480-160051-1 -- Sample name changes

-External Email-

Hi Judy,

I've been reviewing Saranac Lake data from September PDI and noticed a couple of sample names that need to be changed.

Could you change sample 516008-MW205D02S to 516008-MW205D025 and sample 516008-MW205D02SD to 516008-MW205D025D in SDG 480-160062-1 and send me a revised report and EDD?

Additionally, could you change sample name DP-G11C010 to DP-G12B010 and sample name DP-G11C170 to G12B170 in SDG 480-160051-1 and send me a revised report and EDD?

Thank you!

Liesel L Krout
Staff Environmental Chemist
Direct: +1 (207) 828-3534
Mobile: +1 (207) 897-8380
www.woodplc.com

wood.

Safety Shield
Prepare. Engage. Intervene.

This message is the property of John Wood Group PLC and/or its subsidiaries and/or affiliates and is intended only for the named recipient(s). Its contents (including any attachments) may be confidential, legally privileged or otherwise protected from disclosure by law. Unauthorized use, copying, distribution or disclosure of any of it may be unlawful and is strictly prohibited. We assume no responsibility to persons other than the intended named recipient(s) and do not accept liability for any errors or omissions which are a result of email transmission. If you have received this message in error, please notify us immediately by reply email to the sender and confirm that the original message and any attachments and copies have been destroyed and deleted from your system.

If you do not wish to receive future unsolicited commercial electronic messages from us, please forward this email to: unsubscribe@woodplc.com and include "Unsubscribe" in the subject line. If applicable, you will continue to receive invoices, project communications and similar factual, non-commercial electronic communications.

Please click http://www.woodplc.com/email-disclaimer for notices and company information in relation to emails originating in the UK, Italy or France.

As a recipient of an email from a John Wood Group Plc company, your contact information will be on our systems and we may hold other personal data about you such as identification information, CVs, financial information and information contained in correspondence. For more information on our privacy practices and your data protection rights, please see our privacy notice at https://www.woodplc.com/policies/privacy-notice

LCMS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Sacramen Job No.: 480-160062-1

SDG No.:

Batch Number: 329516 Batch Start Date: 10/09/19 05:29 Batch Analyst: Farias, Ashley

Batch Method: 3535 Batch End Date: 10/09/19 11:29

Lab Sample ID	Client Sample ID	Method Chain	Basis	GrossWeight	TareWeight	InitialAmount	FinalAmount	LCMPFC_ALL_SU 00262	LCPFC-IS 00220
MB 320-329516/1		3535, 537 (modified)				250 mL	10 mL	500 uL	500 uL
LCS 320-329516/2		3535, 537 (modified)				250 mL	10 mL	500 uL	500 uL
LCSD 320-329516/3		3535, 537 (modified)				250 mL	10 mL	500 uL	500 uL
480-160062-F-8	516008-MW108019	3535, 537 (modified)	T	292.18 g	27.16 g	✓ 265 mL	10 mL	500 uL	500 uL
480-160062-E-9	516008-MW205D025	3535, 537 (modified)	T	289.87 g	28.59 g	✓ 261.3 mL	10 mL	500 uL	500 uL
480-160062-E-10	516008-MW205D025D	3535, 537 (modified)	T	288.19 g	28.09 g	✓ 260.1 mL	10 mL	500 uL	500 uL
480-160062-E-11	516008-MW204023	3535, 537 (modified)	T	285.20 g	26.10 g	✓ 259.1 mL	10 mL	500 uL	500 uL
480-160062-C-12	516008-TW702015	3535, 537 (modified)	T	283.80 g	26.31 g	✓ 257.5 mL	10 mL	500 uL	500 uL

✓ = volume recorded on form 1s

Lab Sample ID	Client Sample ID	Method Chain	Basis	LCPFCSP 00258	AnalysisComment				
MB 320-329516/1		3535, 537 (modified)							
LCS 320-329516/2		3535, 537 (modified)		500 uL					
LCSD 320-329516/3		3535, 537 (modified)		500 uL					
480-160062-F-8	516008-MW108019	3535, 537 (modified)	T						
480-160062-E-9	516008-MW205D025	3535, 537 (modified)	T		Light Yellow.				
480-160062-E-10	516008-MW205D025D	3535, 537 (modified)	T		Light Yellow.				
480-160062-E-11	516008-MW204023	3535, 537 (modified)	T	*	Clogged. Bottle weight + Remaining sample: 92.56 g	bottle tare − 26.1 g =	66.46 g		
480-160062-C-12	516008-TW702015	3535, 537 (modified)	T		Light Yellow.				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

537 (modified)

concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following samples were diluted due to the abundance of target analytes: 516008-MW204023 (480-160062-11[MS]) and 516008-MW204023 (480-160062-11[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample of target analytes not over calibration range were reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: 2,4,6-Tribromophenol (Surr) recovered above the upper control limit in the batch laboratory control standard duplicate (LCSD 480-495791/3) for preparation batch 480-495791. However, the associated samples were non detect for acid extractable analytes or the samples were not targeting acid extractable analytes. The data has been reported and qualified. 516008-MW205D025 (480-160062-9), 516008-MW205D025D (480-160062-10) and 516008-MW204023 (480-160062-11)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS

Method 537 (modified): Due to a shortage in the marketplace for 13C3-PFBS, the target analyte PFBS and/or Perfluoropentanesulfonic acid (PFPeS) could not be quantitated against 13C3-PFBS (its labeled variant) as listed in the SOP. PFBS and Perfluoropentanesulfonic acid (PFPeS) was quantitated versus 18O2-PFHxS instead. (ICV 320-328725/11)

Methods 537 (modified), EPA 537 (Mod), EPA 537(Mod): Due to a shortage in the marketplace for 13C3-PFBS, the target analyte PFBS and/or Perfluoropentanesulfonic acid (PFPeS) could not be quantitated against 13C3-PFBS (its labeled variant) as listed in the SOP. PFBS and Perfluoropentanesulfonic acid (PFPeS) was quantitated versus 18O2-PFHxS instead. (ICV 320-330004/11)

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery for M2-6:2 FTS is above the method recommended limit for the following samples: 516008-MW205D025D (480-160062-10). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

Method 537 (modified): Isotope Dilution Analyte (IDA) recovery for M2-6:2 FTS and M2-8:2 FTS are above the method recommended limit for the following sample: 516008-TW702015 (480-160062-12). Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries. The sample was reanalyzed with concurring results; therefore, the data have been reported.

Method 537 (modified): Results for sample 516008-TW702015 (480-160062-12) were reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract. The dilution factor was applied to the labeled internal standard area counts and these area counts were within acceptance limits.

(1) check w/ lab; no evidence of high TC in reported result; lab valid result for 5X DL as "G" (attached definition)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method SM 4500 Cl G: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-HYDRANT (480-160062-1).

Method SM 2540D: The following sample was analyzed outside of analytical holding time due to laboratory error: 516008-HYDRANT (480-160062-1).

Methods 9040C, SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: 516008-HYDRANT (480-160062-1).

Method SM 2540C: The following sample was analyzed outside of analytical holding time due to laboratory error: 516008-HYDRANT (480-160062-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-TW702015 (480-160062-12). The reporting limits (RLs) have been adjusted proportionately.

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: 516008-MW205D05D (480-160062-10). The reporting limits (RLs) have been adjusted proportionately.

Method 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-329516.
Method Code: 3535 PFC

Method 3535: The following samples were observed to contain sediment and be orange in color prior to extraction: 516008-MW205D02S (480-160062-9), 516008-MW205D02SD (480-160062-10) and 516008-MW204023 (480-160062-11).

Note in memo ↓

Method 3535: The following sample was observed to contain what appeared to be black oil prior to extraction: 516008-TW702015

(480-160062-12) .

(2) Check w/ lab

Method 3535: The following sample contains non-settleable particulate matter which clogged the solid-phase extraction column: 516008-MW204023 (480-160062-11) . Impact on data ?

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: 516008-TW702015

Lab Sample ID: 480-160062-12

Date Collected: 09/26/19 13:46
Matrix: Water
Date Received: 09/28/19 10:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDA	*111*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
13C2 PFUnA	*113*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
13C2 PFDoA	*111*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
13C2 PFTeDA	*88*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
18O2 PFHxS	*107*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
13C4 PFOS	*109*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
13C8 FOSA	*99*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
d3-NMeFOSAA	*118*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
d5-NEtFOSAA	*98*		*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
M2-6:2 FTS	*227*	*	*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*
M2-8:2 FTS	*173*	*	*25 - 150*	*10/09/19 05:34*	*10/10/19 11:13*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances - DL

See attached info.

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND	G	140	140	ng/L		10/09/19 05:34	10/12/19 06:38	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*68*		*25 - 150*	*10/09/19 05:34*	*10/12/19 06:38*	*5*

Client Sample ID: TB-092519

Lab Sample ID: 480-160062-13

Date Collected: 09/25/19 00:00
Matrix: Water
Date Received: 09/28/19 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			10/07/19 04:05	1
Toluene	ND		1.0	0.51	ug/L			10/07/19 04:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/19 04:05	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			10/07/19 04:05	1
o-Xylene	ND		1.0	0.76	ug/L			10/07/19 04:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/07/19 04:05	1
Total BTEX	ND		2.0	1.0	ug/L			10/07/19 04:05	1
Naphthalene	ND		1.0	0.43	ug/L			10/07/19 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*119*		*80 - 120*		*10/07/19 04:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 120*		*10/07/19 04:05*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*10/07/19 04:05*	*1*
Dibromofluoromethane (Surr)	*118*		*75 - 123*		*10/07/19 04:05*	*1*

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-160062-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.
G	The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Project(s): None
NCM Type: Observation
Affected Item(s): None

Narrative: Client request for data quality review (DQR). Details are as follows: 480-160062
DQR Response Required from the Lab By: 12/23/19
Client: NYSDEC
Client Contact name: Liesel Krout of Wood E&I
Date of DQR Receipt: 12/19/19

Sample(s): 11 and 12
Analytical Method(s): PFC_IDA
Analyte)s): all

DQR Summary: From the contractor/validator - can someone please check and either revise the NCM comments or data, or explain.

Sample 480-160062-12 (516008-TW702015) -

The narrative states that sample 480-160062-12 was "reported from the analysis of a diluted extract due to high concentration of the target analyte in the analysis of the undiluted extract." The narrative also noted "...sample was observed to contain what appeared to be black oil prior to extraction.."

The prep log (Sample Dilution Record) documents an extract dilution (5X, 60 uL of the 10 mL final extract diluted to 300 uL). The only analyte reported from the 5X dilution is PFBA; however, it is reported as ND with a "G" qualifier. The G qualifier definition in the Glossary is "The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference."

Could you please ask the LCMS supervisor to review the reporting for this sample as it pertains to the narrative comments (prep and analysis sections), the reported ND result (when narrative stated there was a high concentration of the analyte), and the G qualifier reasoning. In order to complete our report to the DEC we'll need additional clarification and specific technical rationale for reporting this result as the lab reported it. The current reporting in various parts of the lab data package do not seem to coincide with each other.

The initial analysis of this sample at 1X indicated a value for PFBA that exceeded the calibration range (but displayed some unusual chromatography). Upon analysis of the diluted extract the chromatography provided additional resolution compared to the initial analysis. However, the retention time of the PFBA peak eluted earlier than anticipated, but within the SOP defined RT window of ± 0.05 minutes. Due to these unusual combinations the chemist elevated the reporting limit for PFBA. The case narrative comment should have made this clearer.

Sample 480-160062-11 (516008-MW204023 -

The narrative states that sample 480-160062-11 "contains non-settleable particulate matter which clogged the solid-phase extraction column."

The prep log (LCMS Batch Worksheet) documents the following: "Clogged. Bottle weight + Remaining sample: 92.56 g." The initial sample weight (volume) recorded in the prep log is 259.1 mL, and this value is documented on the sample results Form 1. It seems that if the solid phase cartridge was clogged during extraction and there was "remaining sample" in the sample container, then shouldn't this be accounted for in the actual sample weight/volume that was extracted? Could you ask the LCMS supervisor to provide more information so that we can understand why 259.1 mL is considered the initial volume if 92.56 g - 26.1 g (tare) = 66.46 g of sample remained in the sample container after the SPE cartridge clogged? In order to complete our report to the DEC we'll need additional clarification and specific technical

rationale for reporting this result as the lab reported it, since the documentation appears to indicate a smaller initial volume was extracted.

Per the SOP, the entire sample volume is fortified with the labeled analytes or isotope dilution analytes (IDA) prior to solid phase extraction (SPE). The entire sample volume and total mass of IDA spike is used in the subsequent calculations. Matrix impacts that reduce extraction efficiency (evident in reduced recovery of IDA) are automatically accounted for and corrected by use of the isotope dilution technique for quantitation. Reduced extraction efficiency was observed in this sample(s) with high particulate content, which resulted in partial clogging of the SPE column. Thus, the laboratory processed this data correctly by using the entire sample volume and total mass of IDA added.

To Be Completed by the Lab
Assigned To:

Investigation / Explanation:

Corrective Action/Explanation:

Internal Comments: None

NCM Auto-Notification -- DO NOT REPLY

DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

1.0 INTRODUCTION

Soil samples were collected in November 2019 at the Saranac Lake Site (Site) in Saranac Lake, New York, and shipped to TestAmerica Buffalo Laboratory (TAL) located in Amherst, New York for analysis. Samples were analyzed by one or more of the following United States Environmental Protections Agency (USEPA) methods:

- Volatile Organic Compounds (VOCs) by Method 8260C
- Semivolatile Organic Compounds (SVOCs) by Method 8270D
- Percent Moisture and Percent Solids by Method 2216

Results were reported in the following sample delivery groups (SDGs):

- 480-162337-1
- 480-162522-1

A Data Usability Summary Report (DUSR) review was completed based on the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation guidance (NYSDEC, 2010). Sample event information included in this DUSR is presented in the following Tables:

- Table 1 – Summary of Samples and Analytical Methods
- Table 2 – Summary of Analytical Results
- Table 3 – Summary of Qualification Actions.

A summary of table notes applicable to Tables 1 and 2 is presented just before Table 1.

Laboratory deliverables included:

- Category B deliverable as defined in the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocols (NYSDEC, 2005).

The DUSR review included the following evaluations as applicable. A table of the project control limits is presented in Attachment A. Applicable laboratory QC summary forms are included in Attachment B to document QC outliers associated with qualification actions.

- Lab Report Narrative Review
- Data Package Completeness and COC records (Table 1 verification)
- Sample Preservation and Holding Times
- QC Blanks
- Laboratory Control Samples (LCS)
- Surrogates (as applicable)
- Reporting Limits

- Electronic Data Qualification and Verification

Data qualification actions are applied when necessary based on general procedures in USEPA validation guidelines (USEPA, 2010; USEPA, 2014) and the judgment of the project chemist. The following laboratory data qualifiers or data review qualifiers are used in the final data presentation:

U = target analyte is not detected at or above the reporting limit
J = concentration is estimated
UJ = target analyte is not detected and value is estimated
JN = target analyte identification is not certain and value is estimated

Results are interpreted to be usable as reported by the laboratory or as qualified in the following section.

2.0 POTENTIAL DATA LIMITATIONS

Based on the DUSR review the majority of data meet the data quality objectives; however, the following potential limitations were identified:

SVOCs by 8270D

For sample DP-80115, the laboratory reported a detection of benzo(b)fluoranthene (45 µg/kg) with laboratory qualifier "K" indicating benzo(b)fluoranthene and benzo(k)fluoranthene were not resolved due matrix interference. Benzo(k)fluoranthene was reported as not detected. The laboratory "K" qualifier was changed to "N" during data validation to indicated uncertainty in the compound identification for benzo(b)fluoranthene. The qualified result is included in Table 3 with reason code N.

3.0 ADDITIONAL QC EXCEEDANCES AND OBSERVATIONS

The following samples were analyzed at dilutions due to high concentrations of target analytes and/or appearance of sample matrix, affecting reporting limits for non-detect results. Elevated reporting limits were reported for:

VOCs – DP-80412 (4X)
DP-80808 (10X)
DP-81408 (4X)
DP-81709 (4X)

SVOCs –DP-80412 (5X)
DP-81709 (5X)

There were no additional observations or quality control exceedances not specifically addressed above (Section 2.0) or included in Table 3. Unless presented in Table 3, sample results are interpreted to be usable as reported by the laboratory.

Reference:

NYSDEC, 2005. "Analytical Services Protocols"; July 2005.

USEPA, 2010. "Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270D"; HW-22, Revision 5; USEPA Region II Hazardous Waste Support Branch; December 2010.

United States Environmental Protection Agency (USEPA), 2014. "Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8260B and 8260C"; HW-24, Revision 4; USEPA Region II Hazardous Waste Support Section; September 2014.

Data Validator: Shawna Couplin

Date: 1/29/2020

Reviewed by: Julie Ricardi

Date: 2/5/2020

Standard Table Notes:

Sample Type (QC Code)

FS – field sample

FD – field duplicate

TB – trip blank

EB – equipment blank

FB – field blank

Matrix

GW – ground water

BW – blank water

TW – tap water

SV – soil vapor

SED - sediment

Units

mg/L – milligrams per liter

ng/L – nanograms per liter

µg/L – micrograms per liter

mg/kg – milligrams per kilogram

µg/kg – micrograms per kilogram

µg/m^3 – micrograms per cubic meter

Qualifiers

U – not detected above quantitation limit

J – estimated quantity

J+ - estimated quantity, biased high

J- - estimated quantity, biased low

R – data unusable

Fraction

T – total

D – dissolved

N – normal

Qualification Reason Codes

BL1 – method blank qualifier

BL2 – field or trip blank qualifier

CCV – continuing calibration verification recovery outside limits

CCV%D – continuing calibration verification percent difference exceeds goal

CCVRRF – continuing calibration relative response factor low

CI – chromatographic interference present

DCPD – dual column percent difference exceeds limit

E – result exceeds calibration range

FD – field duplicate precision goal exceeded

FP – false positive interference

HT – holding time for prep or analysis exceeded

HTG – holding time for prep or analysis grossly exceeded

ICV – initial calibration verification recovery outside limit

ICVRRF – initial calibration verification relative response factor low

ICVRSD – initial calibration verification % relative standard deviation exceeds goal

ISH – internal standard response greater than limit

ISL – internal standard response less than limit

LCSH – laboratory control sample recovery high

LCSL – laboratory control sample recovery low

LCSRPD – laboratory control sample/duplicate relative % difference precision goal exceeded

LD – lab duplicate precision goal exceeded

MSH – matrix spike and/or MS duplicate recovery high

MSL – matrix spike and/or MS duplicate recovery low

MSRPD – matrix spike/duplicate relative % difference precision goal exceeded

N – analyte identification is not certain

PEM – performance evaluation mixture exceeds limit

PM – sample percent moisture exceeds EPA guideline

SD – serial dilution result exceeds percent difference limit

SP – sample preservation/collection does not meet method requirement

SSH – surrogate recovery high

SSL – surrogate recovery low

TD – dissolved concentration exceeds total

EMPC – estimated maximum possible concentration

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	SVOC	Moisture
					Analysis Method	SW8260C	SW8270D	D2216
					Fraction	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param Count	Param Count	Param Count
480-162337-1	DP-801	DP-80115	11/4/2019	SOIL	FS	7	16	2
480-162337-1	DP-803	DP-80308	11/4/2019	SOIL	FS	7	16	2
480-162337-1	DP-804	DP-80412	11/5/2019	SOIL	FS	7	16	2
480-162337-1	DP-806	DP-80608	11/5/2019	SOIL	FS	7	16	2
480-162337-1	DP-808	DP-80808	11/5/2019	SOIL	FS	7	16	2
480-162337-1	DP-810	DP-81008	11/5/2019	SOIL	FS	7	16	2
480-162337-1	DP-812	DP-81209	11/5/2019	SOIL	FS	7	16	2
480-162337-1	DP-814	DP-81408	11/6/2019	SOIL	FS	7	16	2
480-162337-1	DP-817	DP-81709	11/6/2019	SOIL	FS	7	16	2
480-162337-1	DP-818	DP-81812	11/6/2019	SOIL	FS	7	16	2
480-162337-1	QC	TB-110619	11/6/2019	BS	TB	7		

TABLE 1 - SUMMARY OF SAMPLES AND ANALYTICAL METHODS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

					Method Class	VOC	SVOC	Moisture
					Analysis Method	SW8260C	SW8270D	D2216
					Fraction	N	N	N
Lab SDG	**Location**	**Sample ID**	**Sample Date**	**Media**	**Qc Code**	Param Count	Param Count	Param Count
480-162522-1	DP-821	DP- 82109	11/6/2019	SOIL	FS	7	16	2
480-162522-1	DP-823	DP- 82308	11/6/2019	SOIL	FS	7	16	2
480-162522-1	DP-825	DP- 82512	11/8/2019	SOIL	FS	7	16	2
480-162522-1	DP-827	DP- 82712	11/7/2019	SOIL	FS	7	16	2
480-162522-1	DP-829	DP- 82912	11/7/2019	SOIL	FS	7	16	2
480-162522-1	DP-831	DP- 83107	11/7/2019	SOIL	FS	7	16	2
480-162522-1	DP-832	DP- 83218	11/8/2019	SOIL	FS	7	16	2
480-162522-1	DP-833	DP- 83312	11/8/2019	SOIL	FS	7	16	2
480-162522-1	DP-834	DP- 83412	11/8/2019	SOIL	FS	7	16	2

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

		Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
		Lab SDG	480-162337-1		480-162337-1		480-162337-1		480-162337-1		480-162337-1		480-162337-1	
		Location	DP-801		DP-803		DP-804		DP-806		DP-808		DP-810	
		Sample Date	11/4/2019		11/4/2019		11/5/2019		11/5/2019		11/5/2019		11/5/2019	
		Sample ID	DP-80115		DP-80308		DP-80412		DP-80608		DP-80808		DP-81008	
		Qc Code	FS		FS		FS		FS		FS		FS	
Method Class	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	Benzene	ug/kg	37	U	35	U	190	U	38	U	460	U	38	U
VOC	Ethylbenzene	ug/kg	37	U	35	U	190	U	38	U	460	U	38	U
VOC	Toluene	ug/kg	37	U	35	U	190	U	38	U	460	U	38	U
VOC	Total BTEX	ug/kg	74	U	70	U	380	U	75	U	910	U	76	U
VOC	Xylene, o	ug/kg	37	U	35	U	190	U	38	U	460	U	38	U
VOC	Xylenes (m&p)	ug/kg	74	U	70	U	380	U	75	U	910	U	76	U
VOC	Xylenes, Total	ug/kg	74	U	70	U	380	U	75	U	910	U	76	U
SVOC	Acenaphthene	ug/kg	110	J	170	U	840	U	170	U	170	U	170	U
SVOC	Acenaphthylene	ug/kg	170	U	170	U	840	U	170	U	170	U	170	U
SVOC	Anthracene	ug/kg	140	J	170	U	840	U	170	U	170	U	170	U
SVOC	Benzo(a)anthracene	ug/kg	60	J	170	U	840	U	170	U	170	U	170	U
SVOC	Benzo(a)pyrene	ug/kg	37	J	170	U	840	U	170	U	170	U	170	U
SVOC	Benzo(b)fluoranthene	ug/kg	45	JN	170	U	840	U	170	U	170	U	170	U
SVOC	Benzo(ghi)perylene	ug/kg	26	J	170	U	840	U	170	U	170	U	170	U
SVOC	Benzo(k)fluoranthene	ug/kg	170	U	170	U	840	U	170	U	170	U	170	U
SVOC	Chrysene	ug/kg	52	J	170	U	840	U	170	U	170	U	170	U
SVOC	Dibenz(a,h)anthracene	ug/kg	170	U	170	U	840	U	170	U	170	U	170	U
SVOC	Fluoranthene	ug/kg	210		170	U	840	U	170	U	170	U	170	U
SVOC	Fluorene	ug/kg	75	J	170	U	840	U	170	U	170	U	170	U
SVOC	Indeno(1,2,3-cd)pyrene	ug/kg	170	U	170	U	840	U	170	U	170	U	170	U
SVOC	Naphthalene	ug/kg	170	U	170	U	840	U	170	U	170	U	170	U
SVOC	Phenanthrene	ug/kg	500		170	U	840	U	170	U	170	U	170	U
SVOC	Pyrene	ug/kg	330		170	U	840	U	170	U	170	U	170	U
Moisture	Percent Moisture	Percent	16.6		9.8		38.2		11.1		14.3		9	
Moisture	Percent Solids	Percent	83.4		90.2		61.8		88.9		85.7		91	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

		Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
		Lab SDG	480-162337-1		480-162337-1		480-162337-1		480-162337-1		480-162337-1	
		Location	DP-812		DP-814		DP-817		DP-818		QC	
		Sample Date	11/5/2019		11/6/2019		11/6/2019		11/6/2019		11/6/2019	
		Sample ID	DP-81209		DP-81408		DP-81709		DP-81812		TB-110619	
		Qc Code	FS		FS		FS		FS		TB	
Method Class	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	Benzene	ug/kg	41	U	330	U	160	U	36	U	50	U
VOC	Ethylbenzene	ug/kg	41	U	330	U	160	U	36	U	50	U
VOC	Toluene	ug/kg	41	U	330	U	160	U	36	U	50	U
VOC	Total BTEX	ug/kg	82	U	660	U	320	U	72	U	100	U
VOC	Xylene, o	ug/kg	41	U	330	U	160	U	36	U	50	U
VOC	Xylenes (m&p)	ug/kg	82	U	660	U	320	U	72	U	100	U
VOC	Xylenes, Total	ug/kg	82	U	660	U	320	U	72	U	100	U
SVOC	Acenaphthene	ug/kg	170	U	170	U	410	J	250			
SVOC	Acenaphthylene	ug/kg	170	U	170	U	830	U	170	U		
SVOC	Anthracene	ug/kg	170	U	170	U	830	U	200			
SVOC	Benzo(a)anthracene	ug/kg	170	U	170	U	830	U	110	J		
SVOC	Benzo(a)pyrene	ug/kg	170	U	170	U	830	U	84	J		
SVOC	Benzo(b)fluoranthene	ug/kg	170	U	170	U	830	U	63	J		
SVOC	Benzo(ghi)perylene	ug/kg	170	U	170	U	830	U	48	J		
SVOC	Benzo(k)fluoranthene	ug/kg	170	U	170	U	830	U	26	J		
SVOC	Chrysene	ug/kg	170	U	170	U	830	U	83	J		
SVOC	Dibenz(a,h)anthracene	ug/kg	170	U	170	U	830	U	170	U		
SVOC	Fluoranthene	ug/kg	170	U	170	U	830	U	210			
SVOC	Fluorene	ug/kg	170	U	170	U	830	U	160	J		
SVOC	Indeno(1,2,3-cd)pyrene	ug/kg	170	U	170	U	830	U	31	J		
SVOC	Naphthalene	ug/kg	170	U	170	U	6200		170	U		
SVOC	Phenanthrene	ug/kg	170	U	170	U	830	U	820			
SVOC	Pyrene	ug/kg	170	U	170	U	830	U	430			
Moisture	Percent Moisture	Percent	16.8		21.1		28.9		16			
Moisture	Percent Solids	Percent	83.2		78.9		71.1		84			

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

		Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO		TALBFLO	
		Lab SDG	480-162522-1		480-162522-1		480-162522-1		480-162522-1		480-162522-1	
		Location	DP-821		DP-823		DP-825		DP-827		DP-829	
		Sample Date	11/6/2019		11/6/2019		11/8/2019		11/7/2019		11/7/2019	
		Sample ID	DP- 82109		DP- 82308		DP- 82512		DP- 82712		DP- 82912	
		Qc Code	FS		FS		FS		FS		FS	
Method Class	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	Benzene	ug/kg	55	U	59	U	51	U	59	U	43	U
VOC	Ethylbenzene	ug/kg	55	U	59	U	51	U	59	U	43	U
VOC	Toluene	ug/kg	55	U	59	U	51	U	59	U	43	U
VOC	Total BTEX	ug/kg	110	U	120	U	100	U	120	U	87	U
VOC	Xylene, o	ug/kg	55	U	59	U	51	U	59	U	43	U
VOC	Xylenes (m&p)	ug/kg	110	U	120	U	100	U	120	U	87	U
VOC	Xylenes, Total	ug/kg	110	U	120	U	100	U	120	U	87	U
SVOC	Acenaphthene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Acenaphthylene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Anthracene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Benzo(a)anthracene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Benzo(a)pyrene	ug/kg	200	U	43	J	190	U	200	U	180	U
SVOC	Benzo(b)fluoranthene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Benzo(ghi)perylene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Benzo(k)fluoranthene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Chrysene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Dibenz(a,h)anthracene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Fluoranthene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Fluorene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Indeno(1,2,3-cd)pyrene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Naphthalene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Phenanthrene	ug/kg	200	U	200	U	190	U	200	U	180	U
SVOC	Pyrene	ug/kg	200	U	200	U	190	U	200	U	180	U
Moisture	Percent Moisture	Percent	16.6		18.2		12.9		16.6		7.7	
Moisture	Percent Solids	Percent	83.4		81.8		87.1		83.4		92.3	

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

		Lab ID	TALBFLO		TALBFLO		TALBFLO		TALBFLO	
		Lab SDG	480-162522-1		480-162522-1		480-162522-1		480-162522-1	
		Location	DP-831		DP-832		DP-833		DP-834	
		Sample Date	11/7/2019		11/8/2019		11/8/2019		11/8/2019	
		Sample ID	DP- 83107		DP- 83218		DP- 83312		DP- 83412	
		Qc Code	FS		FS		FS		FS	
Method Class	**Parameter**	**Units**	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOC	Benzene	ug/kg	61	U	55	U	56	U	55	U
VOC	Ethylbenzene	ug/kg	61	U	55	U	23	J	55	U
VOC	Toluene	ug/kg	61	U	55	U	56	U	55	U
VOC	Total BTEX	ug/kg	120	U	110	U	110	U	110	U
VOC	Xylene, o	ug/kg	61	U	55	U	56	U	55	U
VOC	Xylenes (m&p)	ug/kg	120	U	110	U	110	U	110	U
VOC	Xylenes, Total	ug/kg	120	U	110	U	110	U	110	U
SVOC	Acenaphthene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Acenaphthylene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Anthracene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Benzo(a)anthracene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Benzo(a)pyrene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Benzo(b)fluoranthene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Benzo(ghi)perylene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Benzo(k)fluoranthene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Chrysene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Dibenz(a,h)anthracene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Fluoranthene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Fluorene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Indeno(1,2,3-cd)pyrene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Naphthalene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Phenanthrene	ug/kg	200	U	200	U	200	U	200	U
SVOC	Pyrene	ug/kg	200	U	200	U	200	U	200	U
Moisture	Percent Moisture	Percent	17.1		14.7		15.2		16.4	
Moisture	Percent Solids	Percent	82.9		85.3		84.8		83.6	

TABLE 3 - SUMMARY OF QUALIFICATION ACTIONS
DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
SARANAC LAKE PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

SDG	Analysis Method	Location	Lab Sample Id	Field Sample ID	Parameter Name	Lab Result	Lab Qualifier	Validated Result	Validation Qualifier	Val Reason Code	Units
480-162337-1	SW8270D	DP-801	480-162337-1	DP-80115	Benzo(b)fluoranthene	45	J K	45	JN	N	ug/kg

Created by: KMS 1/29/2020
Checked by: SRC 1/29/2020

ATTACHMENT A
SUMMARY OF VALIDATION QC LIMITS FOR SURROGATES, SPIKES, AND DUPLICATES
BASED ON THE REGION 2 VALIDATION GUIDELINES

PARAMETER	QC TEST	ANALYTE	Soil (%R)	Soil (RPD)	WATER (%R)	Water (RPD)
Volatiles	Surrogate	All Surrogate Compounds	70 - 130		80 - 120	
	LCS	All Target Compounds	70 - 130		70 - 130	
	MS/MSD	All Target Compounds	70 - 130	35	70 - 130	20
	Field Duplicate	All Target Compounds		100		50
Semivolatiles	Surrogate	All BN Compounds	50 - 140		50 - 140	
		All Acid Compounds	30 - 140		30 - 140	
	LCS	All BN Compounds	50 - 140		50 - 140	
		All Acid Compounds	30 - 140		30 - 140	
	MS/MSD	All BN Compounds	50 - 140	35	50 - 140	20
		All Acid Compounds	30 - 140	35	30 - 140	20
	Field Duplicate	All Target Compounds		100		50

Notes:
LCS - Laboratory Control Sample
MS/MSD - Matrix spike/ Matrix Spike Duplicate
RPD = Relative percent difference
%R = percent recovery
QC Limits are based on USEPA Region II Data Validation Guidelines and Project QA/QC Objectives

DATA USABILITY SUMMARY REPORT
NOVEMBER 2019 SAMPLING EVENT
PRE-DESIGN INVESTIGATION (PDI) RAILROAD BORINGS
SARANAC LAKE SITE
SARANAC LAKE, NEW YORK

ATTACHMENT B

VOCs

NYSDEC DUSR PROJECT CHEMIST REVIEW RECORD
Project: Saranac Lake 8001 RD
Method: 8260C
Laboratory: TAL Buffalo **SDG(s):** 480-162337-1, 480-162522-1
Date: 12/17/2019
Reviewer: Liesl Knaut / Shemina Coupin (1/24/20)
Review Level [X] NYSDEC DUSR USEPA Region II Guideline

1. [✓] **Case Narrative Review and COC/Data Package Completeness** COMMENTS
   Were problems noted? yes - see attached - qualifiers
   Are Field Sample IDs and Locations assigned correctly? YES NO (circle one)
   Were all the samples on the COC analyzed for the requested analyses? YES NO (circle one)
2. [✓] **Holding time and Sample Collection**
   All samples were analyzed within the 14 day holding time. YES NO (circle one)
3. [✓] **QC Blanks**
   Are method blanks free of contamination? YES NO (circle one)

   Are Trip blanks free of contamination? YES NO (circle one)

   Are Rinse blanks free of contamination? YES NO NA (circle one)
4. [✓] **Instrument Tuning – Data Package Narrative Review**
   Did the laboratory narrative identify any results that were not within method criteria? YES NO (circle one)
   If yes, use professional judgment to evaluate data and qualify results if needed
5. [✓] **Instrument Calibration – Data Package Narrative Review**
   Did the laboratory narrative identify compounds that were not within criteria in the initial and/or continuing calibration standards? YES NO (circle one)

   Initial Calibration %RSD = 20% **(30% for 1,1-DCE, chloroform, 1,2-DCP, toluene, ethylbenzene, VC)**
   Initial Avg RRF and Continuing RRF should be ≥ 0.05 and 0.10 for Chloromethane, 1,1-Dichloroethane, Bromoform and 0.30 for Chlorobenzene and 1,1,2,2-Tetrachloroethane

   Continuing Calibration %D = 20%

   Did the laboratory qualify results based on initial or continuing calibration exceedances? YES NO
   If yes to above, use professional judgment to evaluate data and qualify results if needed
6. [✓] **Internal Standards – Data Package Narrative Review**
   (Area Limits = -50% to +100%, RTs within 30 seconds of daily CCAL standard (or ICAL mid-point if samples follow ICAL)
   Did the laboratory narrative identify any sample internal standards that were not within criteria? YES NO (circle one)

   Did the laboratory qualify results based on internal standard exceedances? YES NO
   If yes to above, use professional judgment to evaluate data and qualify results if needed
7. [✓] **Surrogate Recovery** - Region II limits (water 80-120%, soil 70-130%)

   Were all results within Region II limits? YES NO (circle one)
8. [✓] **Matrix Spike** - Region II limits (water and soil 70-130%, water RPD 20, soil RPD 35)

   Were MS/MSDs submitted/analyzed? YES NO

   Were all results within the Region II limits? YES NO NA (circle one)

9. ☑ **Duplicates** - Region II Limits (water RPD 50, soil RPD 100)

Were Field Duplicates submitted/analyzed? YES (NO)

Were all results within Region II limits? (soil RPD<100, water RPD<50) YES NO (NA)

10. ☑ **Laboratory Control Sample Results** - Region II (Water and soil 70-130%)

Were all results were within Region II control limits? (YES) NO (circle one)

11. ☑ **Reporting Limits:** Were samples analyzed at a dilution? (YES) NO (circle one)

12. ☑ **Raw Data Review and Calculation Checks**

SDG 480-162377 only - NO Quals

see attached

13. ☑ **Electronic Data Review and Edits**

Does the EDD match the Form Is? (YES) NO (circle one)

14. ☑ **Tables and TIC Review**

Table 1 (Samples and Analytical Methods) ✓

Table 2 (Analytical Results) ✓

Table 3 (Qualification Actions) ✓

Were all tables produced and reviewed? (YES) NO (circle one)

Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

Qual - SVOC - JN, N
sample 480-162337-1
see attached

SVOC

NYSDEC DUSR PROJECT CHEMIST REVIEW RECORD
Project: Savannah Lake 0401 RD
Method: SW8270
Laboratory: TAL Buffalo **SDG(s):** 480-162337, 480-162522
Date: 1-24-19
Reviewer: SC - Shawna Coupin

Review Level [X] NYSDEC DUSR USEPA Region II Guideline

1. ☑ **Case Narrative Review and Data Package Completeness** COMMENTS
Were problems noted? NO
Were all the samples on the COC analyzed for the requested analyses? (YES) NO (circle one)
Are Field Sample IDs and Locations assigned correctly? (YES) NO (circle one) NO Quals

2. ☑ **Holding time and Sample Collection**
Soil: 14 days from collection to extraction; 40 days from extraction to analysis
Water: 7 days from collection to extraction; 40 days from extraction to analysis NO Quals
Hold time met for all samples? (YES) NO (circle one)

3. ☑ **QC Blanks**
Are method blanks free of contamination? (YES) NO (circle one)
Are Rinse blanks free of contamination? YES NO (NA) (circle one) NO Quals

4. ☑ **Instrument Tuning – Data Package Narrative Review**
Did the laboratory narrative identify any results that were not within method criteria? YES (NO) (circle one)
If yes, use professional judgment to evaluate data and qualify results if needed NO Quals

5. ☑ **Internal Standards – Data Package Narrative Review**
(Area Limits = -50% to +100%, RTs within 30 seconds of daily CCAL standard (or ICAL mid-point if samples follow ICAL))
Did the laboratory narrative identify any sample internal standards that were not within criteria?
YES (NO) (circle one) NO Quals

Did the laboratory qualify results based on internal standard exceedances? YES (NO)
If yes to above, use professional judgment to evaluate data and qualify results if needed

6. ☑ **Instrument Calibration – Data Package Narrative Review**
Did the laboratory narrative identify compounds that were not within criteria in the initial and/or continuing calibration standards? YES (NO) (circle one)

Control Limits (Region II HW-22): Initial Calibration %RSD = 15%, Continuing Calibration %D = 20%
Average RRF should be ≥ 0.05 (or reject NDs, J detects or use professional judgment to J/UJ)

Did the laboratory qualify results based on initial or continuing calibration exceedances? YES (NO)
If yes to above, use professional judgment to evaluate data and qualify results if needed NO Quals

7. ☑ **Surrogate Recovery** (water and soil limits: Base/Neutral 50-140%, Acid 30-140%)
Were all results within limits? (YES) NO (circle one)
Were any recoveries < 10%? (Reject fraction compounds if recoveries are < 10%) NO Quals

8. ☑ **Matrix Spike** (water & soil limits: Base/Neutral 50-140%, Acid 30-140%) (RPD soil=35,water=20)
Were MS/MSDs submitted/analyzed? YES (NO)

Were all results within limits? YES NO (NA) (circle one) NO Quals

9. ☑ **Duplicates** (RPD limits = water:50, soil:100)
Were Field Duplicates submitted/analyzed? YES (NO)

Were RPDs within criteria? YES NO (NA) (circle one) No Quals

10. ☑ **Laboratory Control Sample Results** (water&soil limits: Base/Neutral 50-140%, Acid 30-140%)
Were all results within limits? YES (NO) (circle one)

No Quals

11. ☑ **Raw Data Review and Calculation Checks**

see attached

12. ☑ **Electronic Data Review and Edits**

No Quals

Does the EDD match the Form Is? (YES) NO (circle one)

13. ☑ **Tables and TIC Review**

Table 1 (Samples and Analytical Methods) ✓
Table 2 (Analytical Results) ✓
Table 3 (Qualification Actions) ✓
Were all tables produced and reviewed? (YES) NO (circle one)

Table 4 (TICs) Did lab report TICs? YES (NO) (circle one)

Job Narrative
480-162522-1

Comments
No additional comments.

Receipt
The samples were received on 11/9/2019 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

GC/MS VOA
Method 8260C: The following samples were analyzed using medium level soil analysis: DP- 82109 (480-162522-1), DP- 82308 (480-162522-2), DP- 83107 (480-162522-3), DP- 82912 (480-162522-4), DP- 82712 (480-162522-5), DP- 82512 (480-162522-6), DP- 83218 (480-162522-7), DP- 83312 (480-162522-8) and DP- 83412 (480-162522-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

UK 12/17/2019

Sample Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-162522-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-162522-1	DP- 82109	Solid	11/06/19 13:30	11/09/19 08:00	
480-162522-2	DP- 82308	Solid	11/06/19 14:30	11/09/19 08:00	
480-162522-3	DP- 83107	Solid	11/07/19 08:20	11/09/19 08:00	
480-162522-4	DP- 82912	Solid	11/07/19 09:10	11/09/19 08:00	
480-162522-5	DP- 82712	Solid	11/07/19 10:00	11/09/19 08:00	
480-162522-6	DP- 82512	Solid	11/08/19 09:40	11/09/19 08:00	
480-162522-7	DP- 83218	Solid	11/08/19 10:40	11/09/19 08:00	
480-162522-8	DP- 83312	Solid	11/08/19 11:45	11/09/19 08:00	
480-162522-9	DP- 83412	Solid	11/08/19 12:30	11/09/19 08:00	

Job Narrative
480-162337-1

Comments
No additional comments.

Receipt
The samples were received on 11/7/2019 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0° C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: DP-80412 (480-162337-4), DP-80808 (480-162337-5), DP-81408 (480-162337-8) and DP-81709 (480-162337-9). Elevated reporting limits (RLs) are provided.

okay

Method 8260C: The following samples were analyzed using medium level soil analysis: DP-80115 (480-162337-1), DP-80308 (480-162337-2), DP-80608 (480-162337-3), DP-80412 (480-162337-4), DP-80808 (480-162337-5), DP-81008 (480-162337-6), DP-81209 (480-162337-7), DP-81408 (480-162337-8), DP-81709 (480-162337-9), DP-81812 (480-162337-10) and TB-110619 (480-162337-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color and appearance: DP-80412 (480-162337-4) and DP-81709 (480-162337-9). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3550C: The following sample: DP-80115 (480-162337-1) was decanted prior to preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SC 11/27/2020

Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-162337-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
K	Benzo (b&k) fluoranthene are unresolved due to matrix, result is reported as Benzo(b)fluoranthene. Qual: K, JN, N

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Sample Summary

Client: New York State D.E.C.
Project/Site: Saranac Lake Gas Co. #516008

Job ID: 480-162337-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-162337-1	DP-80115	Solid	11/04/19 14:00	11/07/19 09:45	
480-162337-2	DP-80308	Solid	11/04/19 15:30	11/07/19 09:45	
480-162337-3	DP-80608	Solid	11/05/19 08:45	11/07/19 09:45	
480-162337-4	DP-80412	Solid	11/05/19 09:55	11/07/19 09:45	
480-162337-5	DP-80808	Solid	11/05/19 11:45	11/07/19 09:45	
480-162337-6	DP-81008	Solid	11/05/19 12:50	11/07/19 09:45	
480-162337-7	DP-81209	Solid	11/05/19 14:30	11/07/19 09:45	
480-162337-8	DP-81408	Solid	11/06/19 08:50	11/07/19 09:45	
480-162337-9	DP-81709	Solid	11/06/19 10:10	11/07/19 09:45	
480-162337-10	DP-81812	Solid	11/06/19 12:00	11/07/19 09:45	
480-162337-11	TB-110619	Solid	11/06/19 12:30	11/07/19 09:45	

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-162337-1

SDG No.:

Client Sample ID: DP-81709 Lab Sample ID: 480-162337-9

Matrix: Solid Lab File ID: V3141742.D

Analysis Method: 8270D Date Collected: 11/06/2019 10:10

Extract. Method: 3550C Date Extracted: 11/11/2019 06:32

Sample wt/vol: 30.69(g) Date Analyzed: 11/13/2019 02:46

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 28.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 503969 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	570	J	1200	170
208-96-8	Acenaphthylene	ND		1200	150
120-12-7	Anthracene	ND		1200	290
56-55-3	Benzo[a]anthracene	ND		1200	120
50-32-8	Benzo[a]pyrene	ND		1200	170
205-99-2	Benzo[b]fluoranthene	ND		1200	190
191-24-2	Benzo[g,h,i]perylene	ND		1200	120
207-08-9	Benzo[k]fluoranthene	ND		1200	150
218-01-9	Chrysene	ND		1200	260
53-70-3	Dibenz(a,h)anthracene	ND		1200	210
206-44-0	Fluoranthene	ND		1200	120
86-73-7	Fluorene	ND		1200	140
193-39-5	Indeno[1,2,3-cd]pyrene	ND		1200	140
91-20-3	Naphthalene	8700		1200	150
129-00-0	Pyrene	ND		1200	140
85-01-8	Phenanthrene	ND		1200	170

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	112		54-120
321-60-8	2-Fluorobiphenyl	100		60-120
367-12-4	2-Fluorophenol (Surr)	81		52-120
4165-62-2	Phenol-d5 (Surr)	82		54-120
1718-51-0	p-Terphenyl-d14 (Surr)	111		79-130
4165-60-0	Nitrobenzene-d5 (Surr)	84		53-120

$RRF = \frac{1456815}{1148215} \times \frac{40}{50} = 1.015$ ✓ match

SC 11/28/19 2020

$\%RSD = \left(\frac{0.1396661}{0.976371}\right) \times 100 = 14.304$ ✓ match

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File:	\\chromna\Buffalo\ChromData\HP5973V\20191112-86047.b\V3141742.D			
Lims ID:	480-162337-C-9-A			
Client ID:	DP-81709			
Sample Type:	Client			
Inject. Date:	13-Nov-2019 02:46:30	ALS Bottle#:	27	Worklist Smp#: 27
Injection Vol:	1.0 ul	Dil. Factor:	5.0000	
Sample Info:	480-0086047-027			
Operator ID:	PJQ	Instrument ID:	HP5973V	
Method:	\\chromna\Buffalo\ChromData\HP5973V\20191112-86047.b\V-8270.m			
Limit Group:	MB - 8270D ICAL			
Last Update:	14-Nov-2019 13:25:14	Calib Date:	30-Oct-2019 21:45:30	
Integrator:	RTE	ID Type:	Deconvolution ID	
Quant Method:	Internal Standard	Quant By:	Initial Calibration	
Last ICal File:	\\chromna\Buffalo\ChromData\HP5973V\20191029-85611.b\V3141317.D			
Column 1 :	RXI-5Sil MS (0.25 mm)		Det: MS SCAN	
Process Host:	CTX0327			

First Level Reviewer: quirkp Date: 14-Nov-2019 13:25:14

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ng/uL	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.623	5.628	-0.005	94	229532	40.0	
* 2 Naphthalene-d8	136	7.177	7.178	-0.001	99	796651	40.0	
* 3 Acenaphthene-d10	164	9.240	9.240	0.000	94	406181	40.0	
* 4 Phenanthrene-d10	188	10.864	10.864	0.000	98	722389	40.0	
* 5 Chrysene-d12	240	13.241	13.246	-0.005	99	624605	40.0	
* 6 Perylene-d12	264	14.395	14.395	0.000	99	808804	40.0	
$ 7 2-Fluorophenol	112	3.876	3.876	0.000	93	52120	6.50	
$ 8 Phenol-d5	99	5.196	5.196	0.000	98	63344	6.53	
$ 9 Nitrobenzene-d5	82	6.312	6.317	-0.005	87	52281	6.74	
$ 10 2-Fluorobiphenyl	172	8.465	8.470	-0.005	100	115802	7.98	
$ 11 2,4,6-Tribromophenol	330	10.137	10.143	-0.006	91	16494	8.94	
$ 12 p-Terphenyl-d14	244	12.349	12.354	-0.005	99	122559	8.89	
118 Naphthalene	128	7.199	7.204	-0.005	97	736623	37.9	
150 Acenaphthylene	152		9.074				ND	
152 Acenaphthene	153	9.272	9.277	-0.005	95	30214	2.49	
162 Fluorene	166		9.875				ND	
188 Phenanthrene	178		10.885				ND	
189 Anthracene	178		10.939				ND	
201 Fluoranthene	202		12.007				ND	
204 Pyrene	202		12.205				ND	
217 Benzo[a]anthracene	228		13.236				ND	
218 Chrysene	228		13.268				ND	
221 Benzo[b]fluoranthene	252		14.101				ND	
222 Benzo[k]fluoranthene	252		14.123				ND	
225 Benzo[a]pyrene	252		14.352				ND	U
227 Indeno[1,2,3-cd]pyrene	276		15.287				ND	
228 Dibenz(a,h)anthracene	278		15.292				ND	
229 Benzo[g,h,i]perylene	276		15.544				ND	

$37.9\ \mu g/mL \left(\frac{1\ mL}{30.69\ g}\right)\left(\frac{5\ mL}{1\ mL}\right)\left(\frac{1}{.711}\right)\left(\frac{1000\ g}{1\ kg}\right) = 8,684$ ✓ ~8700 ✓ mutton

$Conc = \frac{736623}{796651} \times \frac{40}{0.9764} = 37.89$ ✓

$37.879\ mg/mL \times \frac{(50000\ mL)}{30.69\ g} \times \frac{1000\ mg}{1\ mL} \times \frac{1}{.711} \times 1000 = 0.0379\ mg/mL$ (1000 g / 1 kg)

SC 1/28/2020

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-162337-1 Analy Batch No.: 501046

SDG No.:

Instrument ID: HP5973V GC Column: RXI-5Sil MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/30/2019 15:50 Calibration End Date: 10/30/2019 18:23 Calibration ID: 38148

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methylphenol	1.2319 1.2080	1.3286 1.2066	1.3257	1.2925	1.2569	Ave		1.2643			0.7000	4.1		20.0			
bis (2-chloroisopropyl) ether	2.5084 2.2775	2.5212 2.1928	2.5578	2.4137	2.3723	Ave		2.4063			0.0100	5.6		20.0			
Acetophenone	1.8502 1.7500	1.9233 1.6979	1.9766	1.8877	1.8510	Ave		1.8481			0.0100	5.2		20.0			
N-Nitrosodi-n-propylamine	1.0232 1.0243	1.0385 1.0238	1.0937	1.0556	1.0511	Ave		1.0443			0.5000	2.4		20.0			
4-Methylphenol	1.2542 1.2694	1.3368 1.2526	1.3931	1.3383	1.3167	Ave		1.3087			0.6000	4.0		20.0			
Hexachloroethane	0.6204 0.5851	0.6369 0.5762	0.6182	0.5875	0.5953	Lin2	0.1042	0.5924			0.3000	3.0			0.9990		0.9900
Nitrobenzene	0.3749 0.3850	0.4069 0.3754	0.4017	0.3942	0.3933	Lin2	-0.017	0.3919			0.2000	3.4			0.9990		0.9900
Isophorone	0.7167 0.6596	0.7505 0.6288	0.7482	0.7143	0.6897	Ave		0.7011			0.4000	6.4		20.0			
2-Nitrophenol	0.1501 0.1937	0.1681 0.1999	0.1780	0.1885	0.1952	Lin2	-0.113	0.1932			0.1000	3.1			0.9990		0.9900
2,4-Dimethylphenol	0.3450 0.3428	0.3694 0.3389	0.3692	0.3563	0.3538	Ave		0.3536			0.2000	3.5		20.0			
Bis(2-chloroethoxy)methane	0.4214 0.4063	0.4413 0.3996	0.4503	0.4316	0.4163	Ave		0.4238			0.3000	4.3		20.0			
Benzoic acid	+++++ 0.2601	0.0673 0.2771	0.1794	0.2201	0.2400	Lin2	-2.938	0.2558			0.0100	8.7			0.9920		0.9900
2,4-Dichlorophenol	0.2896 0.2958	0.3113 0.2932	0.3086	0.3064	0.2993	Lin2	-0.014	0.3020			0.2000	2.9			0.9990		0.9900
1,2,4-Trichlorobenzene	0.3409 0.3216	0.3484 0.3141	0.3433	0.3337	0.3285	Ave		0.3329			0.0100	3.7		20.0			
Naphthalene	1.0573 0.8384	1.1321 0.7487	1.0915	1.0150	0.9516	Ave		0.9764	✓		0.7000	14.3	✓	20.0			
4-Chloroaniline	0.4264 0.4127	0.4469 0.4059	0.4539	0.4351	0.4310	Ave		0.4303			0.0100	4.0		20.0			
2,6-Dichlorophenol	0.2812 0.2863	0.3065 0.2843	0.3086	0.2969	0.2936	Ave		0.2939			0.0100	3.7		20.0			
Hexachlorobutadiene	0.1914 0.1855	0.1984 0.1847	0.1925	0.1842	0.1860	Ave		0.1890			0.0100	2.8		20.0			
Caprolactam	0.0921 0.1063	0.0863 0.1092	0.1143	0.1125	0.1104	Lin2	-0.058	0.1102			0.0100	6.4			0.9960		0.9900
4-Chloro-3-methylphenol	0.2751 0.2862	0.2991 0.2864	0.3096	0.3005	0.2971	Lin2	-0.040	0.2974			0.2000	3.6			0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromna\Buffalo\ChromData\HP5973V\20191029-85611.b\V3141306.D
Lims ID: ICIS L1 50
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 30-Oct-2019 17:07:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 480-0085611-005
Operator ID: PJQ Instrument ID: HP5973V
Sublist: chrom-V-8270*sub63

Method: \\chromna\Buffalo\ChromData\HP5973V\20191029-85611.b\V-8270.m
Limit Group: MB - 8270D ICAL
Last Update: 31-Oct-2019 13:28:21 Calib Date: 30-Oct-2019 21:45:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Buffalo\ChromData\HP5973V\20191029-85611.b\V3141317.D

Column 1 : RXI-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX0330

First Level Reviewer: quirkp Date: 31-Oct-2019 11:07:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ng/uL	OnCol Amt ng/uL	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.773	5.773	0.000	96	305548	40.0	40.0	
* 2 Naphthalene-d8	136	7.316	7.316	0.000	99	1148215	40.0	40.0	
* 3 Acenaphthene-d10	164	9.379	9.379	0.000	95	605583	40.0	40.0	
* 4 Phenanthrene-d10	188	10.987	10.987	0.000	97	1090001	40.0	40.0	
* 5 Chrysene-d12	240	13.369	13.369	0.000	99	979101	40.0	40.0	
* 6 Perylene-d12	264	14.539	14.539	0.000	98	1034300	40.0	40.0	
$ 7 2-Fluorophenol	112	4.036	4.036	0.000	95	548127	50.0	51.3	
$ 8 Phenol-d5	99	5.329	5.329	0.000	99	658759	50.0	51.0	
$ 9 Nitrobenzene-d5	82	6.456	6.456	0.000	90	562484	50.0	50.5	
$ 10 2-Fluorobiphenyl	172	8.604	8.604	0.000	100	1107086	50.0	51.1	
$ 11 2,4,6-Tribromophenol	330	10.271	10.271	0.000	95	152986	50.0	50.5	
$ 12 p-Terphenyl-d14	244	12.472	12.472	0.000	99	1115441	50.0	51.6	
68 1,4-Dioxane	88	1.723	1.723	0.000	98	232675	50.0	49.8	
69 N-Nitrosodimethylamine	42	2.022	2.022	0.000	93	318838	50.0	51.1	
70 Pyridine	52	2.076	2.076	0.000	89	932073	100.0	101.4	
80 Benzaldehyde	77	5.206	5.206	0.000	95	386917	50.0	45.0	
81 Phenol	94	5.345	5.345	0.000	97	747150	50.0	50.6	
82 Aniline	93	5.356	5.356	0.000	97	858719	50.0	50.5	
83 Bis(2-chloroethyl)ether	93	5.452	5.452	0.000	95	546199	50.0	49.9	
84 2-Chlorophenol	128	5.505	5.505	0.000	98	538956	50.0	50.5	
263 n-Decane	57	5.607	5.607	0.000	93	771625	50.0	51.3	
87 1,3-Dichlorobenzene	146	5.698	5.698	0.000	98	600295	50.0	50.3	
88 1,4-Dichlorobenzene	146	5.794	5.794	0.000	93	603808	50.0	49.3	
90 Benzyl alcohol	108	5.954	5.954	0.000	93	354490	50.0	50.6	
91 1,2-Dichlorobenzene	146	5.981	5.981	0.000	97	566902	50.0	50.0	
248 Indene	115	6.093	6.093	0.000	91	2227893	150.0	148.1	
92 2-Methylphenol	108	6.109	6.109	0.000	95	493644	50.0	51.1	
93 2,2'-oxybis[1-chloropropan	45	6.136	6.136	0.000	94	921863	50.0	50.2	
94 Acetophenone	105	6.275	6.275	0.000	96	720967	50.0	51.1	
95 N-Nitrosodi-n-propylamine	70	6.291	6.291	0.000	91	403179	50.0	50.5	
96 4-Methylphenol	108	6.307	6.307	0.000	95	511157	50.0	51.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ng/uL	OnCol Amt ng/uL	Flags
99 Hexachloroethane	117	6.398	6.398	0.000	95	224371	50.0	49.4	
102 Nitrobenzene	77	6.478	6.478	0.000	90	565833	50.0	50.3	
106 Isophorone	82	6.777	6.777	0.000	99	1025194	50.0	50.9	
107 2-Nitrophenol	139	6.868	6.868	0.000	95	270543	50.0	49.4	
108 2,4-Dimethylphenol	107	6.942	6.942	0.000	95	511316	50.0	50.4	
111 Bis(2-chloroethoxy)methane	93	7.055	7.055	0.000	97	619467	50.0	50.9	
115 Benzoic acid	105	7.145	7.145	0.000	86	947507	150.0	140.5	
114 2,4-Dichlorophenol	162	7.156	7.156	0.000	94	439734	50.0	50.8	
117 1,2,4-Trichlorobenzene	180	7.258	7.258	0.000	94	478942	50.0	50.1	
118 Naphthalene	128	7.343	7.343	0.000	98	1456815	50.0	52.0	
119 4-Chloroaniline	127	7.418	7.418	0.000	96	624449	50.0	50.6	
122 2,6-Dichlorophenol	162	7.429	7.429	0.000	97	426091	50.0	50.5	
121 Hexachlorobutadiene	225	7.514	7.514	0.000	97	264394	50.0	48.7	
124 Caprolactam	113	7.835	7.835	0.000	76	161483	50.0	51.6	
129 4-Chloro-3-methylphenol	107	8.011	8.011	0.000	97	431369	50.0	50.7	
131 2-Methylnaphthalene	142	8.166	8.166	0.000	92	991623	50.0	51.4	
251 1-Methylnaphthalene	142	8.278	8.278	0.000	93	922013	50.0	51.6	
134 Hexachlorocyclopentadiene	237	8.364	8.364	0.000	96	345109	50.0	50.6	
135 1,2,4,5-Tetrachlorobenzene	216	8.369	8.369	0.000	97	456757	50.0	49.8	
137 2,4,6-Trichlorophenol	196	8.502	8.502	0.000	94	305015	50.0	50.0	
138 2,4,5-Trichlorophenol	196	8.545	8.545	0.000	95	321175	50.0	49.8	
140 1,1'-Biphenyl	154	8.716	8.716	0.000	97	1186672	50.0	51.5	
141 2-Chloronaphthalene	162	8.732	8.732	0.000	97	923615	50.0	50.7	
143 2-Nitroaniline	65	8.855	8.855	0.000	85	292303	50.0	50.0	
146 Dimethyl phthalate	163	9.090	9.090	0.000	98	1025722	50.0	51.6	
148 1,3-Dinitrobenzene	168	9.106	9.106	0.000	90	173969	50.0	49.5	
149 2,6-Dinitrotoluene	165	9.149	9.149	0.000	95	243160	50.0	50.0	
150 Acenaphthylene	152	9.208	9.208	0.000	99	1408802	50.0	51.6	
151 3-Nitroaniline	138	9.336	9.336	0.000	94	262575	50.0	49.5	
152 Acenaphthene	153	9.416	9.416	0.000	95	926113	50.0	51.1	
153 2,4-Dinitrophenol	184	9.459	9.459	0.000	86	265809	100.0	96.9	
154 4-Nitrophenol	109	9.555	9.555	0.000	94	273055	100.0	101.0	
156 2,4-Dinitrotoluene	165	9.614	9.614	0.000	90	323660	50.0	51.2	
155 Dibenzofuran	168	9.619	9.619	0.000	96	1321993	50.0	52.1	
158 2,3,4,6-Tetrachlorophenol	232	9.769	9.769	0.000	74	245779	50.0	49.6	
161 Diethyl phthalate	149	9.913	9.913	0.000	98	1044549	50.0	51.4	
256 Hexadecane	57	9.956	9.956	0.000	90	826675	50.0	51.3	
162 Fluorene	166	10.009	10.009	0.000	95	1045455	50.0	51.4	
163 4-Chlorophenyl phenyl ethe	204	10.020	10.020	0.000	91	528367	50.0	50.7	
164 4-Nitroaniline	138	10.041	10.041	0.000	87	282447	50.0	51.3	
165 4,6-Dinitro-2-methylphenol	198	10.078	10.078	0.000	86	358385	100.0	95.0	
169 Diphenylamine	169	10.153	10.153	0.000	94	758932	42.8	43.3	
168 N-Nitrosodiphenylamine	169	10.153	10.153	0.000	97	758932	50.0	50.6	
170 1,2-Diphenylhydrazine	77	10.191	10.191	0.000	99	1086213	50.0	51.8	
171 Azobenzene	77	10.191	10.191	0.000	100	1086213	50.0	51.5	
175 4-Bromophenyl phenyl ether	248	10.543	10.543	0.000	67	296654	50.0	50.8	
179 Hexachlorobenzene	284	10.607	10.607	0.000	95	313425	50.0	50.2	
180 Atrazine	200	10.730	10.730	0.000	92	297268	50.0	50.9	
183 Pentachlorophenol	266	10.810	10.810	0.000	93	364679	100.0	99.2	
265 n-Octadecane	57	10.928	10.928	0.000	92	824281	50.0	51.7	
188 Phenanthrene	178	11.013	11.013	0.000	98	1437575	50.0	51.3	
189 Anthracene	178	11.061	11.061	0.000	99	1477897	50.0	52.1	

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-162522-1

SDG No.:

Client Sample ID: DP- 83312 Lab Sample ID: 480-162522-8

Matrix: Solid Lab File ID: N9143.D

Analysis Method: 8260C Date Collected: 11/08/2019 11:45

Sample wt/vol: 6.245(g) Date Analyzed: 11/14/2019 18:25

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: ZB-624 (20) ID: 0.18(mm)

% Moisture: 15.2 Level: (low/med) Medium

Analysis Batch No.: 504362 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	ND		56	11
108-88-3	Toluene	ND		56	15
100-41-4	Ethylbenzene	23	J	56	16
179601-23-1	m-Xylene & p-Xylene	ND		110	31
95-47-6	o-Xylene	ND		56	7.3
1330-20-7	Xylenes, Total	ND		110	31
STL00431	Total BTEX	ND		110	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		50-149
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		53-146
460-00-4	4-Bromofluorobenzene (Surr)	104		49-148
1868-53-7	Dibromofluoromethane (Surr)	97		60-140

IS reference = CBN215

$RRF = \frac{17470}{538490} \times \frac{25}{0.5} = 1.62212$ ✓ match SC 1/27/2020

$\%RSD = \left(\frac{0.045965}{1.5737}\right) \times 100 = 2.9208$ ✓

$Conc = \frac{22208}{843544} \times \frac{25}{1.5737} = 0.41823$ ✓

sample wt x % moisture

$6.245 \times 0.152 = 0.94924$ adjusted

$Corrected\ for\ TS = 0.4182\ mg/L \times \frac{5\ mL}{6.245\ g\ (0.006245\ kg)} \times \frac{0.94924\ mL}{(0.005\ L)} \times \frac{1}{.848\ (TS)} \times \frac{50\ mL}{100\ uL\ (0.1\ mL)} = 23.490$ ✓ matched result

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File:	\\chromna\Buffalo\ChromData\HP5973N\20191114-86096.b\N9143.D			
Lims ID:	480-162522-A-8-A			
Client ID:	DP- 83312			
Sample Type:	Client			
Inject. Date:	14-Nov-2019 18:25:30	ALS Bottle#:	19	Worklist Smp#: 27
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	
Sample Info:	480-162522-A-8-A			
Misc. Info.:	480-0086096-027			
Operator ID:	AM	Instrument ID:	HP5973N	
Method:	\\chromna\Buffalo\ChromData\HP5973N\20191114-86096.b\N-8260.m			
Limit Group:	MV - 8260C ICAL			
Last Update:	14-Nov-2019 17:05:14	Calib Date:	07-Nov-2019 21:57:30	
Integrator:	RTE	ID Type:	Deconvolution ID	
Quant Method:	Internal Standard	Quant By:	Initial Calibration	
Last ICal File:	\\chromna\Buffalo\ChromData\HP5973N\20191107-85882.b\N8767.D			
Column 1 :	ZB-624 (0.18 mm)		Det: MS SCAN	
Process Host:	CTX0312			
First Level Reviewer: nowakk		Date:	15-Nov-2019 08:51:56	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.364	5.370	-0.006	98	211062	25.0	
* 2 Chlorobenzene-d5	117	8.363	8.363	0.000	88	843544	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.766	10.766	0.000	96	443534	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.792	4.786	0.000	93	269025	24.3	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.096	5.096	0.000	98	383311	27.5	
$ 6 Toluene-d8 (Surr)	98	6.872	6.878	-0.006	94	1030797	23.9	
$ 7 4-Bromofluorobenzene (Surr	174	9.622	9.622	0.000	93	351825	26.0	
55 Benzene	78		5.096				ND	
73 Toluene	92		6.945				ND	
88 Ethylbenzene	91	8.491	8.485	0.006	97	22208	0.4182	
90 m-Xylene & p-Xylene	106	8.606	8.606	0.000	93	5809	0.2774	
91 o-Xylene	106		9.038				ND	
S 126 Xylenes, Total	1				0		0.2774	
S 125 Total BTEX	1				0		0.6956	

Reagents:

N 8260 IS_00178	Amount Added: 1.00	Units: uL	Run Reagent
N_8260_Surr_00388	Amount Added: 1.00	Units: uL	Run Reagent

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Buffalo Job No.: 480-162522-1 Analy Batch No.: 502903

SDG No.:

Instrument ID: HP5973N GC Column: ZB-624 (20) ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2019 14:45 Calibration End Date: 11/07/2019 17:33 Calibration ID: 38189

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Hexanone	0.4052 0.4138	0.3776 0.4482	0.4133 0.4532	0.4018	0.4209	Ave		0.4168			0.1000	5.9		20.0			
Dibromochloromethane	0.3038 0.3140	0.2818 0.3452	0.2897 0.3682	0.2938	0.3025	Ave		0.3124			0.1000	9.5		20.0			
1,2-Dibromoethane	0.3306 0.3268	0.3526 0.3523	0.3413 0.3537	0.3460	0.3351	Ave		0.3423				3.1		20.0			
Chlorobenzene	0.8940 0.9379	1.0162 0.9821	0.9739 0.9673	0.9587	0.9557	Ave		0.9607			0.5000	3.7		20.0			
Ethylbenzene	1.6221 1.5164	1.5357 1.6574	1.5738 1.5507	1.5736	1.5601	Ave		1.5737	Verified		0.1000	2.9		20.0			
1,1,1,2-Tetrachloroethane	0.3760 0.3466	0.3596 0.3614	0.3171 0.3592	0.3237	0.3413	Ave		0.3481				5.8		20.0			
m-Xylene & p-Xylene	0.6735 0.6057	0.6232 0.6455	0.5868 0.6041	0.6103	0.6168	Ave		0.6207			0.1000	4.4		20.0			
o-Xylene	0.6516 0.6005	0.5466 0.6413	0.6204 0.6040	0.6309	0.6143	Ave		0.6137			0.3000	5.3		20.0			
Styrene	0.9484 1.0296	0.9256 1.0961	0.9982 1.0554	1.0707	1.0257	Ave		1.0187			0.3000	5.8		20.0			
Bromoform	0.1647 0.1934	0.1885 0.2224	0.1475 0.2458	0.1747	0.1868	Ave		0.1905			0.1000	16.4		20.0			
Isopropylbenzene	2.9449 2.9248	3.0688 3.0898	3.1248 2.8259	3.1129	3.1592	Ave		3.0314			0.1000	3.9		20.0			
Bromobenzene	0.8848 0.7695	0.8362 0.8387	0.8504 0.8003	0.8425	0.8192	Ave		0.8302				4.2		20.0			
1,1,2,2-Tetrachloroethane	0.8082 0.7918	0.8411 0.8157	0.8309 0.7943	0.8556	0.8355	Ave		0.8216			0.3000	2.8		20.0			
N-Propylbenzene	3.4088 3.3910	3.4373 3.6227	3.7062 3.2708	3.5703	3.6022	Ave		3.5011				4.2		20.0			
1,2,3-Trichloropropane	0.2427 0.2531	0.2806 0.2608	0.2844 0.2471	0.2712	0.2652	Ave		0.2631				5.8		20.0			
trans-1,4-Dichloro-2-butene	0.2770 0.3027	0.2743 0.3267	0.2903 0.3312	0.2825	0.3079	Ave		0.2991				7.3		20.0			
2-Chlorotoluene	0.6501 0.7287	0.7680 0.7697	0.7974 0.7193	0.7730	0.7767	Ave		0.7478				6.3		20.0			
1,3,5-Trimethylbenzene	2.6794 2.4465	2.5307 2.5289	2.6352 2.3444	2.5204	2.5718	Ave		2.5322				4.1		20.0			
4-Chlorotoluene	2.3731 2.0763	2.0648 2.1800	2.2220 2.0312	2.2464	2.1537	Ave		2.1684				5.2		20.0			
tert-Butylbenzene	0.6477 0.5814	0.5658 0.5999	0.6188 0.5362	0.5756	0.6234	Ave		0.5936				6.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

Eurofins TestAmerica, Buffalo
Target Compound Quantitation Report

Data File: \\chromna\Buffalo\ChromData\HP5973N\20191107-85882.b\N8749.D
Lims ID: IC 0.5
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Nov-2019 14:45:30 ALS Bottle#: 49 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC 0.5
Misc. Info.: 480-0085882-007
Operator ID: LH Instrument ID: HP5973N
Sublist: chrom-N-8260*sub38

Method: \\chromna\Buffalo\ChromData\HP5973N\20191107-85882.b\N-8260.m
Limit Group: MV - 8260C ICAL
Last Update: 08-Nov-2019 12:34:39 Calib Date: 07-Nov-2019 21:57:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromna\Buffalo\ChromData\HP5973N\20191107-85882.b\N8767.D

Column 1 : ZB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX0335

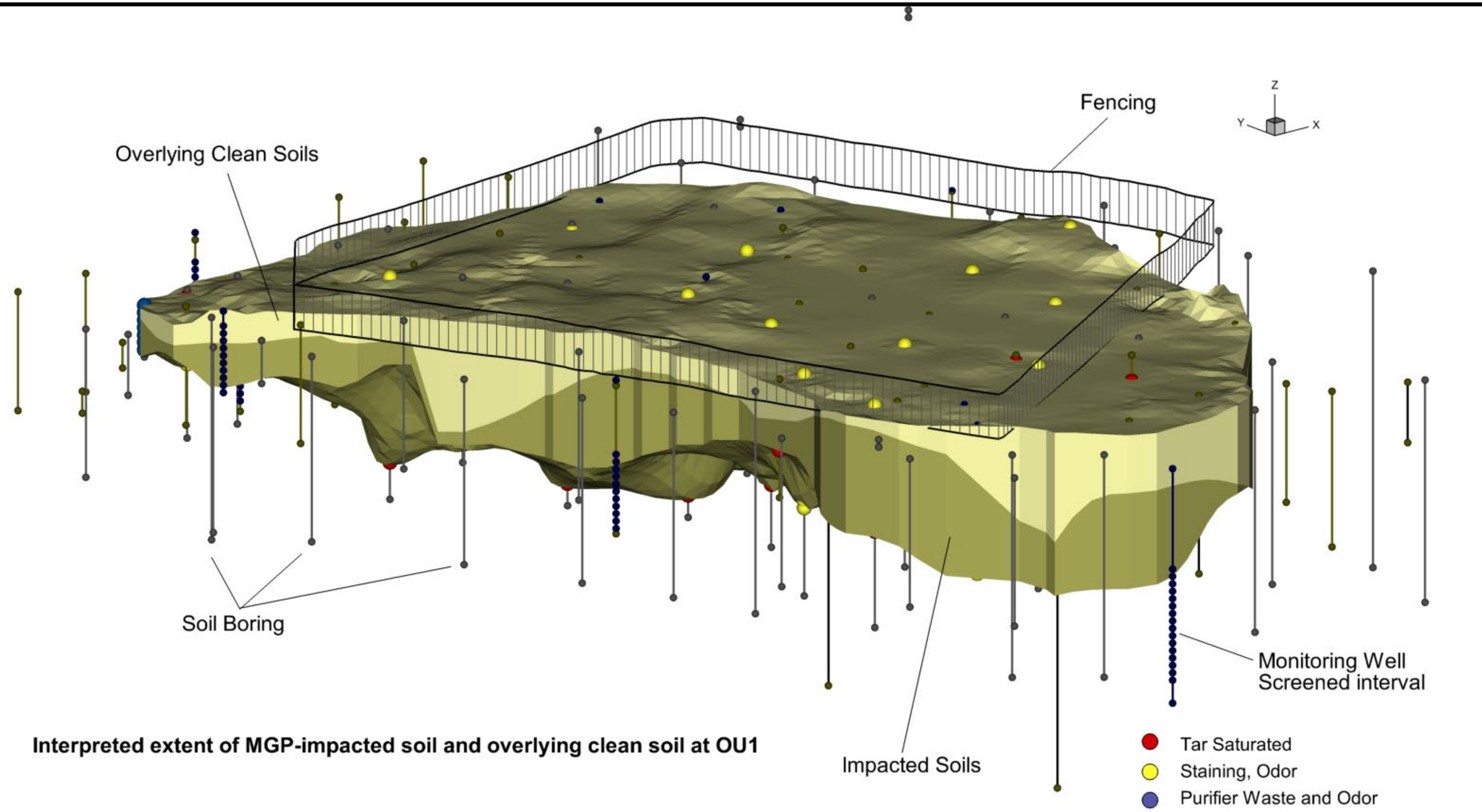
First Level Reviewer: izquierdoo Date: 08-Nov-2019 09:30:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
* 147 Fluorobenzene (IS)	70	5.370	5.370	0.000	98	152817	25.0	25.0	
* 2 Chlorobenzene-d5	117	8.363	8.363	0.000	88	538490	25.0	25.0	
* 3 1,4-Dichlorobenzene-d4	152	10.766	10.766	0.000	96	276668	25.0	25.0	
$ 148 Dibromofluoromethane (Surr	113	4.792	4.792	0.000	92	205565	25.0	25.7	
$ 5 1,2-Dichloroethane-d4 (Sur	65	5.096	5.102	-0.006	99	250194	25.0	24.8	
$ 6 Toluene-d8 (Surr)	98	6.878	6.878	0.000	95	702671	25.0	25.5	
$ 7 4-Bromofluorobenzene (Surr	174	9.622	9.622	0.000	94	214571	25.0	24.8	
11 Dichlorodifluoromethane	85	1.269	1.263	0.006	43	3917	0.5000	0.5302	
13 Chloromethane	50	1.434	1.440	-0.006	97	6520	0.5000	0.5192	
144 Butadiene	54	1.525	1.531	-0.006	92	7974	0.5000	0.6404	
14 Vinyl chloride	62	1.525	1.537	-0.012	69	6209	0.5000	0.6222	
15 Bromomethane	94	1.805	1.811	-0.006	61	4428	0.5000	0.6937	
16 Chloroethane	64	1.902	1.908	-0.006	55	5123	0.5000	0.0631	M
18 Trichlorofluoromethane	101	2.109	2.115	-0.006	55	6969	0.5000	0.5307	
17 Dichlorofluoromethane	67	2.115	2.121	-0.006	93	9004	0.5000	0.6171	
19 Ethyl ether	59	2.395	2.401	-0.006	85	6126	0.5000	0.6182	
20 Acrolein	56	2.577	2.583	-0.006	42	6238	2.50	2.49	
21 1,1,2-Trichloro-1,2,2-trif	101	2.608	2.602	0.006	62	3543	0.5000	0.4724	
22 1,1-Dichloroethene	96	2.602	2.608	-0.006	90	3980	0.5000	0.5503	
23 Acetone	43	2.735	2.742	-0.007	19	10647	2.50	2.70	M
24 Iodomethane	142	2.772	2.778	-0.006	68	7745	0.5000	0.5518	
25 Carbon disulfide	76	2.796	2.808	-0.012	96	14749	0.5000	0.5945	
27 3-Chloro-1-propene	41	2.979	2.979	0.000	84	11866	0.5000	0.6369	
28 Methyl acetate	43	3.040	3.034	0.006	76	10943	1.00	1.01	Ma
30 Methylene Chloride	84	3.125	3.131	-0.006	95	11966	0.5000	0.5266	
31 2-Methyl-2-propanol	59	3.368	3.307	0.061	29	3755	5.00	4.05	M
32 Methyl tert-butyl ether	73	3.338	3.338	0.000	95	13909	0.5000	0.5650	
33 trans-1,2-Dichloroethene	96	3.350	3.350	0.000	92	4208	0.5000	0.5045	
34 Acrylonitrile	53	3.411	3.417	-0.006	90	27562	5.00	5.16	
35 Hexane	57	3.545	3.545	0.000	86	8643	0.5000	0.5366	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/L	OnCol Amt ug/L	Flags
36 1,1-Dichloroethane	63	3.770	3.770	0.000	94	10137	0.5000	0.5952	
39 Vinyl acetate	43	3.824	3.824	0.000	96	25805	1.00	0.9388	
42 2,2-Dichloropropane	77	4.281	4.287	-0.006	38	5328	0.5000	0.6946	
43 cis-1,2-Dichloroethene	96	4.323	4.323	0.000	80	5741	0.5000	0.6047	
44 2-Butanone (MEK)	43	4.360	4.360	0.000	96	13644	2.50	2.08	M
47 Chlorobromomethane	128	4.561	4.554	0.007	88	2533	0.5000	0.5235	
49 Tetrahydrofuran	42	4.585	4.579	0.006	31	4239	1.00	0.9266	M
50 Chloroform	83	4.646	4.640	0.006	91	11043	0.5000	0.7185	
52 Cyclohexane	56	4.743	4.749	-0.006	88	10168	0.5000	0.5681	
51 1,1,1-Trichloroethane	97	4.743	4.749	-0.006	79	7000	0.5000	0.5825	
53 Carbon tetrachloride	117	4.883	4.883	0.000	57	5082	0.5000	0.5006	
54 1,1-Dichloropropene	75	4.889	4.895	-0.006	85	6541	0.5000	0.5862	
55 Benzene	78	5.096	5.102	-0.006	42	17912	0.5000	0.5366	
56 Isobutyl alcohol	43	5.145	5.132	0.013	29	5981	12.5	11.6	Ma
57 1,2-Dichloroethane	62	5.169	5.169	0.000	89	7806	0.5000	0.5510	a
59 n-Heptane	43	5.278	5.278	0.000	90	9550	0.5000	0.5301	
60 Trichloroethene	95	5.704	5.710	-0.006	85	5680	0.5000	0.6791	
62 Methylcyclohexane	83	5.820	5.820	0.000	92	8295	0.5000	0.5690	
63 1,2-Dichloropropane	63	5.954	5.954	0.000	86	4648	0.5000	0.5018	a
64 Dibromomethane	93	6.088	6.087	0.001	91	2663	0.5000	0.4928	
66 1,4-Dioxane	88	6.094	6.100	-0.006	0	235	10.0	11.4	M
67 Dichlorobromomethane	83	6.240	6.240	0.000	84	5167	0.5000	0.4989	
69 2-Chloroethyl vinyl ether	63	6.526	6.519	0.007	28	2602	0.5000	0.4135	
71 cis-1,3-Dichloropropene	75	6.659	6.659	0.000	80	5240	0.5000	0.4282	
72 4-Methyl-2-pentanone (MIBK	58	6.805	6.805	0.000	99	9862	2.50	2.23	
73 Toluene	92	6.939	6.945	-0.006	96	9581	0.5000	0.5015	
75 trans-1,3-Dichloropropene	75	7.237	7.231	0.006	91	5300	0.5000	0.4951	
77 Ethyl methacrylate	69	7.274	7.280	-0.006	83	4549	0.5000	0.4809	
78 1,1,2-Trichloroethane	83	7.420	7.420	0.000	83	2465	0.5000	0.4456	
79 Tetrachloroethene	166	7.468	7.475	-0.007	92	3858	0.5000	0.4654	
80 1,3-Dichloropropane	76	7.584	7.584	0.000	93	5696	0.5000	0.4961	
82 2-Hexanone	43	7.645	7.645	0.000	98	21818	2.50	2.43	
83 Chlorodibromomethane	129	7.815	7.821	-0.006	6	3272	0.5000	0.4863	
84 Ethylene Dibromide	107	7.919	7.919	0.000	33	3561	0.5000	0.4829	
85 Chlorobenzene	112	8.387	8.393	-0.006	92	9628	0.5000	0.4653	
88 Ethylbenzene	91	8.484	8.484	0.000	97	17470	0.5000	0.5154	
89 1,1,1,2-Tetrachloroethane	131	8.491	8.490	0.001	46	4049	0.5000	0.5400	
90 m-Xylene & p-Xylene	106	8.600	8.600	0.000	98	7253	0.5000	0.5425	
91 o-Xylene	106	9.032	9.038	-0.006	93	7018	0.5000	0.5309	
92 Styrene	104	9.075	9.068	0.007	93	10214	0.5000	0.4655	
93 Bromoform	173	9.318	9.318	0.000	16	1774	0.5000	0.4323	
95 Isopropylbenzene	105	9.427	9.421	0.006	96	16295	0.5000	0.4857	
97 Bromobenzene	156	9.774	9.774	0.000	84	4896	0.5000	0.5329	
98 1,1,2,2-Tetrachloroethane	83	9.835	9.829	0.006	1	4472	0.5000	0.4918	
100 N-Propylbenzene	91	9.847	9.853	-0.006	97	18862	0.5000	0.4868	
99 1,2,3-Trichloropropane	110	9.865	9.865	0.000	50	1343	0.5000	0.4612	
101 trans-1,4-Dichloro-2-buten	53	9.884	9.878	0.006	1	1533	0.5000	0.4632	
102 2-Chlorotoluene	126	9.957	9.957	0.000	95	3597	0.5000	0.4346	
104 1,3,5-Trimethylbenzene	105	10.030	10.030	0.000	95	14826	0.5000	0.5291	
105 4-Chlorotoluene	91	10.066	10.066	0.000	95	13131	0.5000	0.5472	
106 tert-Butylbenzene	134	10.352	10.352	0.000	91	3584	0.5000	0.5456	
108 1,2,4-Trimethylbenzene	105	10.407	10.407	0.000	96	14705	0.5000	0.5202	

APPENDIX G

THREE DIMENSIONAL OU01 MGP IMPACTS VISUALIZATION



Interpreted extent of MGP-impacted soil and overlying clean soil at OU1

NYSDEC – Site # 516008 **Saranac Lake Gas Company** **Saranac Lake, New York**	MACTEC	**Interpretation of the Extent of MGP-Impacted Soil at OU01** **Project 3611191237 Appendix G.1**