

Contaminant Source Removal Construction Completion Report

**Former Coyne Textile Facility
140 Cortland Avenue
Syracuse, New York 13202**

Site No. C734144

CHA Project Number: 33525

Prepared for:
Ranalli/Taylor St., LLC
*1200 State Fair Boulevard
Syracuse, New York 13209*

Prepared by:


*300 South State Street, Suite 600
Syracuse, New York 13202
Phone: (315) 471-3920*

October 14, 2019

CERTIFICATION

I, the undersigned, certify that I am currently a NYS registered professional engineer, I had primary direct responsibility for the implementation of the subject construction program, and I certify that the Interim Remedial Measure Work Plan was implemented and that all construction activities were completed in substantial conformance with the New York State Department of Environmental Conservation and New York State Department of Health-approved Interim Remedial Measure Work Plan.

I certify that the data submitted to the Department with this Construction Completion Report demonstrates that the remediation requirements set forth in the Interim Remedial Measure Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, the undersigned, of CHA Consulting, Inc. am certifying as Owner's Designated Site Representative for the Site.

For CHA Consulting, Inc.:

(Professional Seal)



Scott M. Smith, P.E.

Printed Name of Certifying Engineer

A handwritten signature in black ink, appearing to read "Scott M. Smith", is written over a horizontal line.

Signature of Certifying Engineer

October 14, 2019

Date of Certification

083885

Professional Engineer Registration Number

New York

Registration State

CHA Consulting, Inc.

Company

Associate Vice President

Title

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Report Organization.....	1
1.2	Site Background.....	2
1.2.1	Site Description.....	2
1.2.2	Geologic and Hydrogeologic Condition	2
1.2.3	Nature and Extent of Contamination, Former UST Area	3
2.0	REMEDIAL ACTION	5
2.1	Description of The Interim Remedial Measure	5
3.0	GOVERNING DOCUMENTS	7
3.1	Interim Remedial Measure Work Plan	7
3.2	Site-Specific Health & Safety Plan.....	7
3.3	Community Air Monitoring Plan/Community and Environmental Response Plan	7
3.4	Quality Assurance Project Plan	8
3.5	Field Sampling Plan.....	8
4.0	DESCRIPTION OF REMEDIAL ACTIVITIES	9
4.1	General Site Controls & Site Preparation	9
4.1.1	Jobsite Record Keeping	9
4.1.2	Site Security	9
4.1.3	Construction Observation	9
4.1.4	Work Zones.....	10
4.1.5	Containment Pads	10
4.1.6	Erosion and Sediment Control	10
4.2	Waste Characterization Sampling.....	10
4.3	CAMP Results	12
4.3.1	Particulate Results.....	12
4.3.2	Organic Vapor Results.....	13
4.4	Contaminated Material Removal	15
4.5	WasteWater Disposal.....	16
4.6	Post-Excavation Sampling.....	16
4.7	Demarcation Barrier.....	17
4.8	Imported Fill	17
4.9	Deviations from the IRMWP	18
5.0	SUMMARY AND CONCLUSIONS.....	19

LIST OF TABLES

Table 1	Waste Characterization Sample Results
Table 2	Contained-In Sample Results
Table 3	Post-Excavation Sample Results
Table 4	Perfluoroalkyl Substance Sample Results

LIST OF FIGURES

Figure 1	Site Location
Figure 2	Site Layout
Figure 3	Areas of Concern
Figure 4	Investigative Samples Within the Former UST Area
Figure 5	Remedial Construction Layout
Figure 6	Post-Excavation Sampling Locations and Results
Figure 7	Post-Excavation Sampling Results – PFAS
Figure 8	Excavation Limits

LIST OF APPENDICES

Appendix A	NYSDEC Approval Letters
Appendix B	Construction Observation Logs
Appendix C	Photograph Log
Appendix D	Waste Characterization Analytical Reports
Appendix E	Summary of Community Air Monitoring Data
Appendix F	Waste Disposal Manifests
Appendix G	Post-Excavation Soil Sampling Analytical Reports
Appendix H	Geotextile Cut Sheet
Appendix I	Imported Fill Material Information

LIST OF ACRONYMS

Alpha	Alpha Analytical
AOC	Area of Concern
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
CCR	Construction Completion Report
CERP	Community and Environmental Response Plan
CHA	CHA Consulting, Inc.
DCE	1,1-Dichloroethene
DER	Division of Environmental Remediation
FSP	Field Sampling Plan
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
IRMWP	Interim Remedial Measure Work Plan
NRC	National Response Corporation
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PDF	Portable Document Format
PFAS	Perfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization Detector
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RAO	Remedial Action Objectives
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
SCO	Soil Cleanup Objective
SVOC	Semi-Volatile Organic Compounds
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOGS	Technical and Operational Guidance Series
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

LIST OF ABBREVIATIONS

ft bgs	Feet Below Ground Surface
ppm	Part per Million
µg/Kg	Microgram per Kilogram
mg/Kg	Milligram per Kilogram

1.0 INTRODUCTION

The Former Coyne Textile Facility (Site) is located at 140 Cortland Avenue in Syracuse, New York. The owner, Ranalli/Taylor St., LLC (Ranalli/Taylor St.), entered into a Brownfield Cleanup Agreement (BCA) in September 2017 through the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP) and is registered as BCP Site No. C734144.

CHA Consulting, Inc. (CHA) was retained by Ranalli/Taylor St. to prepare an Interim Remedial Measure Work Plan (IRMWP) to detail the Site IRM to address the contaminant source area identified during the Remedial Investigation (RI) conducting during 2018. The results of the RI and a summary of historical sampling efforts conducted by the previous Site owner are detailed in the RI Report (CHA, February 2019). The Source Removal IRMWP (CHA, June 2019) was prepared for the Site and approved by the NYSDEC in a letter dated June 25, 2019, provided in Appendix A. The IRMWP recommended the removal of three underground storage tanks (USTs) and associated impacted soils for off-Site transportation and disposal. Work was implemented between June 24 and July 15, 2019. As a requirement of the IRMWP, this Construction Completion Report (CCR) has been prepared in general conformance with sections 5.5 and 5.8 of the NYSDEC's "Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation" (May 2010).

1.1 REPORT ORGANIZATION

This CCR is divided into five major sections, including:

- Section 1: Provides an introduction of the project along with a brief description and Site background for the project.
- Section 2: Provides a summary of the selected Site remedy.
- Section 3: Provides a description and summary of governing documents for the Site.
- Section 4: Provides a description of the remedial action performed at the Site.
- Section 5: Provides CHA's conclusions relative to the remedial action performed.

1.2 SITE BACKGROUND

1.2.1 Site Description

The Former Coyne Textile Facility is located in an urban area at 140 Cortland Avenue in the City of Syracuse, Onondaga County, New York (Figure 1). The Site limits are generally bounded by commercial buildings to the north, South Salina Street to the east, Tallman Street to the south and South Clinton Street to the west (Figure 2). Several rows of multi-family houses are located northwest of the Site. The Site is currently unoccupied, apart from use as a storage facility for Ranalli/Taylor St. and is zoned for commercial use. The Site is identified as two non-contiguous areas as described below:

- The former main laundry facility and offices are known as 140 Cortland Avenue (Tax Map No. 094.-05-06.0) and consist of one parcel of land totaling approximately 1.75 acres in size. This parcel consists of the currently vacant former laundering facility and offices (approximately 118,500 square feet), and concrete sidewalks. The building is a concrete block building with a slab-on-grade foundation.
- The park area and employee parking area are known as 1002-1022 South Salina Street/Cortland Avenue (Tax Map No. 094.-20-01.0) and 1024-1040 South Salina Street/Tallman Street (Tax Map No. 094.-20-02.0) and consist of two parcels totaling approximately 1.70 acres (0.57 and 1.13 acres, respectively) in size. These parcels consist of a small park and a fenced in asphalt parking lot.

Four areas of concern (AOCs) were identified as shown on Figure 3: the Former UST Area, Office Vapor, Warehouse Vapor, and Site-wide Groundwater. This CCR focuses on a section of the former main laundry facility known as 140 Cortland Avenue. Specifically, the AOC focused on in this CCR is the Former UST Area located in the northwest portion of the building previously described as the former main laundry facility. Additional remedial measures have been proposed for the remainder of the Site, including a sub-slab depressurization system to mitigate the impact of soil vapor within the office section of the building. Future remedial action conducted for the other AOCs will be submitted under separate cover.

1.2.2 Geologic and Hydrogeologic Condition

According to the United States Department of Agriculture (USDA) Web Soil Survey, the soil beneath the Site is indicative of urban land, which is a soil material having a non-agricultural, manmade surface layer that has been produced by mixing and filling in urban and suburban areas. Surficial geology consists mostly of lacustrine silts and clays. Bedrock at the Site is mapped by

the United States Geological Survey (USGS) as the Syracuse formation, which consists of dolostone, shale, gypsum and salts.

The Site is generally flat, with a gentle slope from the east to the west across the employee parking lot and beneath the main building. Generally, the slope indicates groundwater flows in the westerly direction and toward Onondaga Creek, located approximately 0.2 miles to the west of the Site. Field observations and the stratigraphic cross sections provided in the RI Report (CHA, February 2019) confirmed the presence of urban fill to approximately 8 to 10 feet below ground surface (ft bgs). Generally, silts and clays are beneath the urban fill to a depth of approximately 13 to 15 ft bgs. Alternating lacustrine silts and clays, then sands and gravels, were encountered beneath the fill material to the end of each boring. At least two silt and clay layers, one below the urban fill and one at varying depths, but approximately 26 to 30 ft bgs, may act as confining layers to impede the vertical transport of contamination.

Based on groundwater elevations measured on April 19, 2018, the depth to groundwater at the Site is typically less than 15 ft bgs. Beneath the building, groundwater contours are nearly flat, apart from the northwestern portion of the building where slightly elevated groundwater indicates a localized flow path from the north-western portion of the building toward the center of the building, near monitoring well GW-102.

1.2.3 Nature and Extent of Contamination, Former UST Area

Based on the RI, four AOCs were identified: the Former UST Area, Office Vapor, Warehouse Vapor, and Site-wide Groundwater. The AOC that is the subject of this CCR is the Former UST Area, located in the northwestern portion of the building. Additional details associated with the remaining AOCs, including the results of several subsurface soil, groundwater, and soil vapor samples, are provided in the RI Report (CHA, February 2019). Analytical results from previous investigative sampling events in the Former UST Area are summarized on Figure 4

Historical subsurface soil sampling identified the presence of chlorinated VOC contamination, namely tetrachloroethene (PCE), 1,1-dichloroethene (DCE), and vinyl chloride, in soil samples SB-32 and SB-33 located within the northwestern portion of the building, at concentrations exceeding their respective Part 375 Commercial Soil Cleanup Objectives (SCOs). These results are consistent with the findings of the RI in which PCE was identified at concentrations exceeding its respective Part 375 Commercial SCO in sample SOIL-116 and lesser concentrations of trichloroethene (TCE), DCE, and vinyl chloride in samples SOIL-116 and SOIL-119, located within the

northwestern portion of the building. PCE was detected in excess of the Part 375 Commercial SCO throughout this area. Metals (mercury and lead) and total polychlorinated biphenyls (PCBs) exceeded the Part 375 Unrestricted SCO in this area but are less than the respective Part 375 Commercial SCOs.

Historical groundwater sampling identified the presence of chlorinated VOC contamination, including PCE, TCE, DCE, and vinyl chloride, in the wells directly adjacent to the Former UST Area. During the RI, well Temp-GW001 and the well cluster at GW-103 were located within and adjacent to the Former UST Area, respectively. Concentrations of PCE, TCE, DCE, and vinyl chloride, among others, were detected at concentrations exceeding their applicable Technical and Operational and Guidance Series (TOGS 1.1.1) Class GA Ambient Water Quality Standards.

2.0 REMEDIAL ACTION

The IRM implemented at the Site included the excavation and removal of three USTs identified in the Former UST Area and associated impacted soil. The IRM activities generally followed the NYSDEC-approved IRMWP (CHA, June 2019). Figure 5 identifies the overall layout and work zones implemented for remedial construction activities.

2.1 DESCRIPTION OF THE INTERIM REMEDIAL MEASURE

The factors considered during the selection of the Site interim remedial measure are those listed in Title 6 of New York Codes, Rules, and Regulations (NYCRR), Part 375-1.8. Generally, the remedial action to be completed was source removal from the AOC identified as the Former UST Area. The following activities were completed to implement the interim remedial measure at the Site:

- Site controls were established, including setup of work zones, a decontamination pad, and a temporary soil containment pad.
- In the Former UST Area, the concrete slab was sawcut and sized for removal using a hydraulic hammer mounted on a mini excavator to provide access to the USTs.
- One smaller, empty UST was removed from the excavation and staged for off-Site transportation and disposal.
- Two larger USTs were found to be previously closed-in place and filled with a cementitious material leaving no remaining headspace in the top of the tanks. An oxy-acetylene torch was utilized to cut the top off the tanks and then to cut each tank into sections. Using a hydraulic hammer attachment on a miniature excavator, the cementitious material within each tank was broken up and removed. The material was stockpiled separately from the surrounding soil, sampled for waste characterization purposes, and disposed of off-Site.
- Concrete, stone, and soil were removed from around the two larger USTs as the tanks were removed from the subsurface. Contaminated soil within the AOC was excavated to a depth of approximately 9 feet below grade and to within approximately 18 inches from the building foundation walls. Excavation ceased at that depth in order to prevent compromising the structural integrity of the building via undermining.
- Excavated material was placed on polyethylene sheeting in the designated stockpile area adjacent to the loading dock. Material was covered with additional polyethylene sheeting at the end of each day, then transported off-Site for disposal.
- Waste characterization samples were collected to facilitate off-Site disposal. All samples collected by CHA and analyzed by Alpha Analytical, Inc. (Alpha) resulted in a non-hazardous classification.
- The USTs were removed and transported for off-Site disposal.

- Four post-excavation soil samples were collected along the excavation sidewalls and two post-excavation soil samples were collected from the bottom of the excavation.
- An 8-ounce nonwoven geotextile material was placed along the bottom and sidewalls of the excavation to act as a demarcation barrier.
- The excavation area was backfilled with clean, imported structural fill material.

3.0 GOVERNING DOCUMENTS

3.1 INTERIM REMEDIAL MEASURE WORK PLAN

The IRMWP was prepared by CHA (June 2019) and approved by the NYSDEC in a letter dated June 25, 2019, included in Appendix A. The IRMWP defined the implementation of remedial activities; including, excavating contaminated soil within the Former UST Area, removing the USTs, properly disposing of the waste, and backfilling the excavation appropriately. Provisions for health and safety, community air monitoring, and procedures for field sampling were included in the IRMWP. The work was conducted during this IRM was completed in substantial conformance with the IRMWP. Figure 5 of the IRMWP presented the Site Plan for remedial construction. The figure has been updated to indicate work practices and conditions encountered during construction, such as the shape of the USTs, location of the Exclusion Zone, and stockpile area, and is included in this CCR as Figure 5.

3.2 SITE-SPECIFIC HEALTH & SAFETY PLAN

A Site-specific Health and Safety Plan (HASP) was prepared by CHA to provide guidance to workers performing intrusive activities at the Site where exposure to contaminated soils and/or fill materials was possible. The HASP was followed during intrusive work performed at the Site and is included in the June 2019 IRMWP.

The general contractor for the remediation of the Site, Top Notch Property Management, prepared a separate Site-specific HASP to address both general construction and environmental health and safety. The Contractor maintained a copy of this HASP on-Site during implementation activities.

3.3 COMMUNITY AIR MONITORING PLAN/COMMUNITY AND ENVIRONMENTAL RESPONSE PLAN

Air monitoring was performed at the Site during all intrusive activities where there was a potential to contact existing soil/fill in accordance with the Community Air Monitoring Plan (CAMP) included in the June 2019 IRMWP. The CAMP included monitoring of fugitive dust and organic vapors upwind and downwind of the intrusive activity. Additionally, the plan identified action levels during construction and mitigation methods to address potential exceedances. The results of air monitoring are discussed in Section 4.3.

Construction activities were performed in accordance with the Community and Environmental Response Plan (CERP) included in the June 2019 IRMWP. Temporary security measures were followed, apart from the discovery of an unlocked gate on neighboring property that would allow unwanted access to the Site. Once identified, a lock was placed on the gate in order to properly secure the Site. Traffic control measures, equipment decontamination, and waste management were conducted according to the CERP.

3.4 QUALITY ASSURANCE PROJECT PLAN

A Quality Assurance Project Plan (QAPP) was prepared to present the policies, organization, objectives, functional activities, and specific Quality Assurance (QA) and Quality Control (QC) activities designed to achieve the specific data quality goals associated with the remediation. The QAPP identified the procedures for sample preparation and handling, sample chain-of-custody, laboratory analyses, and reporting requirements to confirm the accuracy and integrity of the data generated during the investigation. The QAPP was followed throughout the IRM performed at the Site and is included in the June 2019 IRMWP.

3.5 FIELD SAMPLING PLAN

A Field Sampling Plan (FSP) was prepared for the activities described in the Source Removal IRMWP. The FSP describes the sampling approach and rationale. Major elements of the FSP including the frequency of sampling, analytical parameters, sample designation and handling, decontamination procedures, and field documentation. The FSP was followed throughout the IRM performed at the Site and is included in the June 2019 IRMWP.

4.0 DESCRIPTION OF REMEDIAL ACTIVITIES

4.1 GENERAL SITE CONTROLS & SITE PREPARATION

4.1.1 Jobsite Record Keeping

While CHA retained most project files electronically at the office some records were maintained on-Site. The types of records kept on-Site, typically included the following:

- A copy of the CHA prepared Source Removal IRMWP including the Site-Specific HASP, FSP, CAMP, and QAPP.
- A copy of CHA construction observation logs.
- 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) certifications for qualified CHA field personnel.

4.1.2 Site Security

Excavation of contaminated soil and removal of the USTs was conducted within a secured building. The remainder of the Site is secured with a chain link fence along Cortland Avenue and around the northern perimeter. The chain link fence extends onto property not owned by Ranalli/Taylor St. to the northwest of the building and along South Clinton Street. NYSDEC personnel identified an unlocked gate along South Clinton Street on Thursday June 27, 2019. Although the gate and that section of the fence is not owned by Ranalli/Taylor St., a lock was placed on the gate to secure the Site. At the end of each work day, the access gate utilized during remedial activities was secured.

Orange construction cones and caution tape were installed at the door to South Clinton Street at the location of the excavation. This door was required to remain open during remedial activities in order to ventilate the excavation area. At the end of each work day, the door was secured.

4.1.3 Construction Observation

CHA completed daily observation reports for each day spent on-Site during remedial activities. Daily construction observation reports are included in Appendix B. Additionally, a digital photograph log documenting the major activities completed during the implementation of the IRM is included in Appendix C.

4.1.4 Work Zones

Prior to remedial construction, work zones as depicted on Figure 5 were identified on Site with signs and caution tape. The Exclusion Zone included the Former UST Area and pathway of soil transport to the stockpiles, located to the north of the building and adjacent to the loading dock doors. The Contamination Reduction Zone was established within the warehouse and adjacent to the stockpile area to facilitate decontamination of the personnel and equipment that come into contact with impacted soils. The Support Zone was established in close proximity to the Contamination Reduction Zone and consisted of equipment and supplies required for implementing the remedy.

4.1.5 Containment Pads

Temporary soil stockpiles were contained on three sides by concrete barriers lined with polyethylene sheeting. Material was placed on top of the polyethylene sheeting, then covered with additional sheeting at the end of each day. Concrete blocks were utilized to contain the stockpiled soil, prevent run-on of water, and to secure the polyethylene sheeting covering the stockpiles.

Additionally, a decontamination pad was located within the Contaminant Reduction Zone inside the building. Polyethylene sheeting was placed beneath several plastic containers used to decontaminate personnel and equipment before exiting the Contaminant Reduction Zone to contain any splashes.

4.1.6 Erosion and Sediment Control

Intrusive work was conducted within the enclosed building and stockpiled material was placed on polyethylene sheeting and covered at the end of each day; therefore, erosion and sediment control measures were not necessary for the implementation of this IRM.

4.2 WASTE CHARACTERIZATION SAMPLING

Prior to mobilization for remedial activities, waste characterization samples were collected. Sampling procedures indicated in the FSP and QAPP were followed for all waste characterization sampling. On May 17, 2019 two soil samples from adjacent to the tanks; SOIL-WC-102 from 6 ft bgs and SOIL-WC-103 from 9 ft bgs. During remedial activities, it was determined the cementitious material used to fill the USTs in place should also be analyzed for waste

characterization parameters. On June 25, 2019 a sample of the cementitious material, SOIL-WC-104, was collected.

The samples were submitted for laboratory analysis to Alpha Analytical, Inc. (Alpha) in Westborough, Massachusetts under proper chain of custody for analysis of:

- Toxicity Characterization Leaching Procedure (TCLP) VOCs by United States Environmental Protection Agency (USEPA) Method 8260;
- TCLP SVOCs by USEPA Method 8270;
- TCLP Resource Conservation and Recovery Act (RCRA) 8 Metals by USEPA Methods 6010;
- TCLP Pesticides via USEPA Method 8081;
- TCLP Herbicides via USEPA Method 8151;
- Total PCBs via USEPA Method 8082;
- Ignitability (flashpoint);
- Corrosivity (pH);
- Reactivity; and,
- Percent Solids.

Results indicated the soil material and tank contents could be disposed of as non-hazardous waste. Laboratory data associated with waste characterization sampling is summarized in Table 1 and the full laboratory reports are in Appendix D.

Seneca Meadows, Inc., a solid waste landfill in Waterloo, New York, requested a “contained-in” determination of the soil prior to accepting the material. Additional soil sampling was conducted on June 10, 2019 and submitted to Alpha under proper chain of custody for analysis of:

- Target Compound List (TCL) VOCs by USEPA Method 8260;
- TCL SVOCs by USEPA Method 8270;
- Target Analyte List (TAL) Metals via USEPA Method 6010; and,
- Pesticides via USEPA Method 8081.

Results of the additional sampling indicated the concentrations of the constituents were less than the current “contained-in” soil action levels. In a letter dated June 25, 2019, the NYSDEC submitted their “contained-in” determination and indicated the soil may be managed as non-

hazardous waste. Laboratory data associated with additional “contained-in” determination sampling is presented in Table 2 and the full laboratory report is in Appendix D.

4.3 CAMP RESULTS

Community air monitoring was conducted at one upwind and two downwind locations of the exclusion zone during ground intrusive activities. Locations of the CAMP stations were as follows:

- CHA-1 was placed at a downwind location near the northern perimeter of the Site;
- CHA-2 was placed at a downwind location between the loading dock doors and Cortland Avenue; and,
- CHA-3 was placed at an upwind location and near the open door to South Clinton Street.

The exact locations of the CAMP stations are presented on Figure 5.

The CAMP included monitoring of both fugitive dust and organic vapors. In accordance with the CAMP, fugitive dust monitoring was performed using a DustTrack 8530 particulate meter and organic vapor monitoring was performed using a MiniRAE 3000 photoionization detector (PID). Action levels of 150 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for fugitive dust and 5 parts per million (ppm) for organic vapors over a fifteen-minute running average were used.

Enclosures containing the DustTrak 8530 particulate meter and the MiniRAE 3000 PID were mounted on tripods and programmed to activate a flashing light when action levels were exceeded. Additionally, two handheld PIDs were utilized within the exclusion zone to facilitate field screening of excavated materials and to monitor breathing zone organic vapor concentrations.

A summary of the air monitoring results is provided in the following sections and was made available to the NYSDEC and New York State Department of Health (NYSDOH) each day. Raw air monitoring data downloaded from the CAMP Stations is included in Appendix E.

4.3.1 Particulate Results

CHA-1

While temporary particulate levels occasionally exceeded the threshold of $150 \mu\text{g}/\text{m}^3$, these were typically encountered for one minute or less and the 15- minute averages were below the action level. One exception was during final backfilling and cleanup operations conducted on July 15, 2019, where exceedances of the action level occurred between 10:15 and 10:37. The maximum

concentration recorded during that time was 597 $\mu\text{g}/\text{m}^3$. Dust suppression techniques, such as wetting down the access ramp and slowing the movement of traffic, were employed to reduce the impact of dust migration.

CHA-2

While temporary particulate levels occasionally exceeded the threshold of 150 $\mu\text{g}/\text{m}^3$, these levels were typically encountered for two minutes or less and the 15-minute averages were below the action level. Exceptions included:

- 6/24/2019 – Exceedance of the action level from 10:42 to 11:27. The maximum concentration recorded was 401 $\mu\text{g}/\text{m}^3$.
- 6/26/2019 – Exceedance of the action level from 07:25 to 07:55, 08:42 to 09:13, and 11:24 to 11:39. The maximum concentration recorded was 451 $\mu\text{g}/\text{m}^3$.
- 6/28/2019 – Exceedance of the action level from 13:32 to 13:47. The maximum concentration recorded was 1970 $\mu\text{g}/\text{m}^3$.

Dust suppression techniques, including wetting down the access ramp and slowing the movement of equipment, were applied. During the above exceedances, CHA noted vehicular traffic along Cortland Avenue was agitating dust within the road and likely contributing to exceedances at CHA-2.

CHA-3

While temporary particulate levels occasionally exceeded the threshold of 150 $\mu\text{g}/\text{m}^3$, these levels were typically encountered for one minute or less and the 15-minute averages did not exceed the action level.

4.3.2 Organic Vapor Results

CHA-1

There were no 15-minute averages in excess of 5 ppm which was the action level established in the CAMP during the intrusive work conducted at the Site.

CHA-2

While temporary organic vapor levels occasionally exceeded the threshold of 5 ppm, these levels were typically encountered for two minutes or less and seldom for longer than three minutes. There were no instances of organic vapors exceeding 25 ppm, indicating a need to stop work based on the CAMP, occurred.

On June 24, 2019 the organic vapor data collected by the PID was corrupted and unable to be recovered. CHA had periodically checked the CAMP station throughout the day and the station appeared to be in working order. Therefore, organic vapor levels were not manually recorded. CHA did not observe organic vapor data values exceeding 5 ppm during these periodic checks.

On June 27, 2019 the maximum recorded organic vapor concentration was 16.1 ppm. At approximately 07:11 on that same day, the recorded organic vapor concentration at CHA-2 was 14.3 ppm. CHA observed increased odors outside of the warehouse and adjacent to the loading dock, in the proximity of CHA-2. At that time, CHA stopped work in the exclusion zone in order to discuss work practices and organic vapor mitigation. To prevent off-Site migration of organic vapors, several overhead doors were closed; however, this reduced ventilation within the warehouse. At that time, the exclusion zone was expanded to include the entire warehouse to improve the interior ventilation near the work zone and protect worker safety. Additionally, odor suppression techniques were discussed with the contractors. The contractors ordered BioSolve® Pinkwater, a vapor suppression chemical, to be delivered early the following day. On June 28, 2019 exceedance of the organic vapor action level were not observed. However, the contractors opted to spray the BioSolve® Pinkwater along the sidewalls and bottom of excavation due to previous exceedances.

CHA noted an idling truck waiting to be fully loaded with soil for off-Site disposal and additional front-loading equipment moving in the loading dock area, in the vicinity of CHA-2, that may have been contributing to the organic vapor readings identified on this day.

CHA-3

While organic vapor levels occasionally exceeded the threshold of 5 ppm, these levels were typically encountered for one minute or less and seldom for longer than two minutes. There were no 15-minute averages in excess of 5 ppm which was the action level established in the CAMP during the intrusive work conducted at the Site.

On June 27, 2019 the most significant contamination was encountered within the excavation. A single instance of organic vapors exceeding 25 ppm occurred at 09:56 on this day. The average for the minute was 12.4 ppm, so work was not stopped. Rather, a fan was placed pointing inward to the building to enhance ventilation by drawing clean air in toward the excavation and prevent the off-Site migration of organic vapors.

4.4 CONTAMINATED MATERIAL REMOVAL

As summarized in Section 4.2, material generated during the IRM activities was determined to be non-hazardous waste. Excavated soil and UST contents were removed from the Former UST Area using a mini excavator. The excavator placed material into the skid steer bucket for transport to the stockpile area adjacent to the loading dock doors. Materials were stockpiled prior to being loaded into trucks for off-Site disposal at the Seneca Meadows Landfill. A backhoe and front-end loader were used to load trucks with the material. None of the excavated materials were re-used on-Site.

Upon completion of the source removal, polyethylene sheeting and other temporary containment materials were disposed off-Site. The concrete floor within the building and the asphalt loading dock area were swept clean and additional debris was disposed off-Site.

The limits of excavation were approximately 21.5 feet by 24.5 feet, which is the area of the Former UST Area room less approximately 18 inches around the perimeter of the room, as shown on Figure 6. The depth of excavation was 9 ft bgs, several feet below a footer that was exposed. To prevent damage to the building foundation from potential undermining, the excavation was terminated at this depth.

Weight tickets for materials excavated and disposed of off-Site are provided in Appendix F. Approximately 253.9 tons of non-hazardous soil was transported to the Seneca Meadows Landfill in Waterloo, New York and 1.8 tons of steel associated with the tank carcasses were taken to Ben Weitsman of Syracuse scrap yard for recycling. The steel tanks were cut into pieces to facilitate removal. A summary of the materials, quantities and disposal locations are provided below.

Weight of Waste Disposed Off-Site

Material	Quantity	Units	Disposal Location
Steel Tank Carcass – 3 tanks cut into pieces	1.8	tons	Ben Weitsman of Syracuse 333 Bridge Street Solvay, New York 13209
Non-hazardous Soil	253.9	tons	Seneca Meadows Landfill 1786 Salcman Road Waterloo, New York 13165

4.5 WASTEWATER DISPOSAL

Wastewater generated from the decontamination of equipment and surfaces upon completion of the excavation was containerized in 55-gallon drums. National Response Corporation (NRC) was contracted to sample the wastewater and coordinate disposal. On September 17, 2019 the drums of wastewater were removed from the Site and transported to Industrial Oil Tank Service Corporation at 120 Dry Road, Oriskany, New York for proper treatment/disposal. The manifest documenting the wastewater disposal is provided in Appendix F.

4.6 POST-EXCAVATION SAMPLING

Upon completion of UST removal and excavation activities, post-excavation samples were collected from the sidewalls and bottom of the excavation pursuant to DER-10 and the approved Source Removal IRMWP. One sidewall sample was collected for every thirty (30) linear feet of sidewall, and one (1) bottom sample was collected for every 900 square-feet of bottom area. A total of four sidewall samples and two bottom samples were collected at the locations shown on Figure 6 and submitted for laboratory analysis of:

- TCL VOCs via USEPA Method 8260;
- TCL SVOCs via USEPA Method 8270;
- Total PCBs via USEPA Method 8082; and
- TAL Metals via USEPA Method 6010.

Additionally, three of the six samples collected were analyzed for the emerging contaminants 1,4-dioxane via USEPA Method 8270 and perfluoroalkyl substances (PFAS) via USEPA Method Modified 537. Complete analytical reports are provided in Appendix G.

Post-excavation results, with the exception of emerging contaminants, were submitted to the NYSDEC on July 8, 2019. As shown in Tables 3, results indicated the sidewall and bottom samples met Part 375 SCO in four of six samples.

- PCE was identified at a concentration of 170 mg/kg in sample SOIL-SW-200 which exceeds the Part 375 Commercial SCO of 150 mg/kg.
- PCE was also identified at a concentration of 920 mg/kg in sample SOIL-B-201, which exceeds the Part 375 Commercial and Industrial SCOs of 150 mg/kg and 300 mg/kg, respectively.
- Vinyl chloride (22 mg/kg) and mercury (3.59 mg/kg) were detected at concentrations exceeding their respective Part 375 Commercial SCO in sample SOIL-B-201.

- Total PCBs were detected at concentrations exceeding the Part 375 Commercial SCO of 1 mg/kg in sample SOIL-B-200 (3.76 mg/kg), SOIL-B-201 (1.21 mg/kg), SOIL-SW-202 (4.69 mg/kg), and SOIL-SW-203 (1.72 mg/kg).

Results of PFAS sampling are summarized in Table 4 and identified total Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) of 20.7 µg/kg in sample SOIL-B-200 and 0.671 µg/kg in sample SOIL-SW-201. PFOS was the predominant compound detected in sample SOIL-B-200. Additional detections of PFAS compounds are presented on Figure 7. At the time of this report, guidance on soil cleanup objectives for PFAS contaminants is not available and there is no standard in which to compare the soil sample results.

Post-excavation analytical results indicated soil not meeting the Commercial SCO standard remained in the Former UST Area, particularly on the south and east sidewalls and beneath the limits of excavation. Excavation did not continue due to concerns with compromising the building integrity.

On July 8, 2019 the NYSDEC approved the post-excavation sampling results and granted permission to backfill the excavation with clean, imported fill. This correspondence is provided in Appendix A. Analytical results from post-excavation sampling have been uploaded to the NYSDEC electronic database, EQulS™.

4.7 DEMARCATION BARRIER

On July 15, 2019 the contractor mobilized to backfill the excavation. Prior to placement of clean fill material, a demarcation barrier of Carthage Mills' FX-35HS 8-ounce nonwoven geotextile was placed within the excavation. A product data sheet for the geotextile material used is provided in Appendix H.

4.8 IMPORTED FILL

Following the installation of the demarcation barrier, No. 2 crushed stone was imported to the Site to backfill the excavation. This stone was imported from T.H. Kinsella, Inc. of Jamesville, New York and contained less than 10 percent by weight material which would pass through a Size 80 sieve and did not require analytical testing, as per NYSDEC DER-10. Additionally, crusher run was placed at the top of the excavation, and although this material had a higher amount of fines in it, it was formed from the crushing of the same bedrock material used to produce the No. 2 stone. A letter from the quarry stating that this material originates from an uncontaminated, virgin source

is included in Appendix I. A total of 218.1 tons of No. 2 crushed stone and 42.3 tons of crusher run were imported as backfill. Weight tickets and sieve tests are provided in Appendix I.

As previously mentioned, the limits of excavation were approximately 24.5 feet by 21 feet and to a depth of 9 feet bgs. A schematic cross-sectional view of the completed source removal, including the demarcation barrier, No.2 crushed stone, and crusher run stone placed within the excavation is presented on Figure 8.

4.9 DEVIATIONS FROM THE IRMWP

There were no deviations from the Source Removal IRMWP, apart from the Site security deviation previously mentioned and the unfinished cap on the excavation. No issues with public access to the Site were encountered during IRM activities and the unlocked gate was secured the same day it was identified. It is anticipated the excavation area will be finished with a concrete slab in the future.

5.0 SUMMARY AND CONCLUSIONS

Upon completion of the IRM, the objectives of the Source Removal IRMWP were achieved. The USTs within the Former UST Area were removed and approximately 253.9 tons of contaminated material was removed from the Former UST Area. In summary:

- Remedial activities were completed in accordance with the Source Removal IRMWP (CHA, June 2019) between June 24, 2019 and July 15, 2019.
- Additional Site remedial activities are planned. The work described in this CCR was performed as part of an IRM to remove USTs and address a potential source area.
- Waste characterization samples were collected to facilitate off-Site disposal. All samples resulted in a non-hazardous classification. Additionally, the waste soil was determined to have concentrations of contaminants below the “contained-in” criteria and the NYSDEC provided a letter indicating the waste material does not have to be handled as hazardous waste.
- Three USTs were found within the Former UST Area. All three were removed and transported for off-Site disposal.
- Contaminated soil within the AOC was excavated to a depth of approximately 9 feet below grade and approximately 18-inches from the foundation walls. Excavation ceased at that depth to in order to prevent compromising the structural integrity of the building.
- Four confirmation soil samples were collected along the excavation sidewalls and two confirmation soil samples were collected at the bottom of the excavation.
- An 8-ounce nonwoven geotextile material was placed along the bottom and sidewalls of the excavation to act as a demarcation barrier.
- The excavation area was backfilled with clean imported fill material. It is anticipated the concrete slab will be restored in the future.

Based on the post-excavation sampling, several Site contaminants of concern exceed the Commercial SCO in some sidewall and bottom of excavation samples. While further excavation of the source areas was not possible without compromising the structural integrity of the building, removal of the USTs and the most impacted soils surrounding the tanks has resulted in the successful implementation of the IRM. It is anticipated that the remaining contamination will be managed with future IRMs and Site restrictions that prevent direct contact with Site contaminants of concern. For example, a work plan to mitigate the soil vapor impacts within the Office are of the building has been submitted to and approved by the NYSDEC. Upon completion of the IRM(s), an alternatives analysis report will be prepared to evaluate the effectiveness of remedial designs with respect to the criteria listed in Section 4.2(a) of DER-10.

REFERENCES

CHA, *Remedial Investigation Report*, February 2019

CHA, *Contaminant Source Removal Interim Remedial Measure Work Plan*, June 2019

TABLES

Table 1
Former Coyne Textile Facility
140 Cortland Avenue
Source Removal Interim Remedial Measure
Waste Characterization Results

LOCATION			SOIL-WC102		SOIL-WC103		SOIL-WC104	
SAMPLING DATE			5/17/2019		5/17/2019		6/25/2019	
	EPA-TCLP	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry								
Solids, Total		%	10	U	10	U	85.4	
pH (H)		SU	8		7		10.2	
Cyanide, Reactive		mg/kg	92.4		62.5		10	U
Sulfide, Reactive		mg/kg	10	U	10	U	10	U
Ignitability of Solids								
Ignitability			NI		NI		NI	
Polychlorinated Biphenyls by GC								
Aroclor 1016		mg/kg	0.0684	U	0.0519	U	0.0375	U
Aroclor 1221		mg/kg	0.0684	U	0.0519	U	0.0375	U
Aroclor 1232		mg/kg	0.0684	U	0.0519	U	0.0375	U
Aroclor 1242		mg/kg	0.0684	U	0.0519	U	0.0375	U
Aroclor 1248		mg/kg	0.451		0.29		0.00896	JP
Aroclor 1254		mg/kg	0.238		0.0519	U	0.00881	J
Aroclor 1260		mg/kg	0.0311	J	0.204		0.0375	U
Aroclor 1262		mg/kg	0.0684	U	0.0519	U	0.0375	U
Aroclor 1268		mg/kg	0.0684	U	0.0519	U	0.0375	U
PCBs, Total		mg/kg	0.72	J	0.494		0.0178	J
TCLP Herbicides by EPA 1311								
2,4-D	10	mg/l	0.005	U	0.005	U	0.025	U
2,4,5-TP (Silvex)	1	mg/l	0.025	U	0.025	U	0.005	U
TCLP Metals by EPA 1311								
Arsenic, TCLP	5	mg/l	0.02	J	0.033	J	1	U
Barium, TCLP	100	mg/l	0.929		0.468	J	0.38	J
Cadmium, TCLP	1	mg/l	0.1	U	0.1	U	0.1	U
Chromium, TCLP	5	mg/l	0.2	U	0.2	U	0.2	U
Lead, TCLP	5	mg/l	0.5	U	0.116	J	0.5	U
Mercury, TCLP	0.2	mg/l	0.001	U	0.001	U	0.001	U
Selenium, TCLP	1	mg/l	0.5	U	0.5	U	0.5	U
Silver, TCLP	5	mg/l	0.1	U	0.1	U	0.1	U
TCLP Pesticides by EPA 1311								
Lindane	0.4	mg/l	0.001	U	0.001	U	0.0001	U
Heptachlor	0.008	mg/l	0.0002	U	0.0002	U	0.0001	U
Heptachlor epoxide	0.008	mg/l	0.0001	U	0.0001	U	0.0001	U
Endrin	0.02	mg/l	0.0001	U	0.0001	U	0.0002	U
Methoxychlor	10	mg/l	0.0001	U	0.0001	U	0.001	U
Toxaphene	0.5	mg/l	0.001	U	0.001	U	0.001	U
Chlordane	0.03	mg/l	0.001	U	0.001	U	0.001	U

Table 1
Former Coyne Textile Facility
140 Cortland Avenue
Source Removal Interim Remedial Measure
Waste Characterization Results

LOCATION				SOIL-WC102		SOIL-WC103		SOIL-WC104	
SAMPLING DATE				5/17/2019		5/17/2019		6/25/2019	
		EPA-TCLP	Units	Results	Qual	Results	Qual	Results	Qual
TCLP Semivolatiles by EPA 1311									
	Hexachlorobenzene	0.13	mg/l	0.025	U	0.025	U	0.01	U
	2,4-Dinitrotoluene	0.13	mg/l	0.025	U	0.025	U	0.025	U
	Hexachlorobutadiene	0.5	mg/l	0.025	U	0.025	U	0.01	U
	Hexachloroethane	3	mg/l	0.025	U	0.025	U	0.01	U
	Nitrobenzene	2	mg/l	0.025	U	0.025	U	0.01	U
	2,4,6-Trichlorophenol	2	mg/l	0.01	U	0.01	U	0.025	U
	Pentachlorophenol	100	mg/l	0.01	U	0.01	U	0.05	U
	2-Methylphenol	200	mg/l	0.01	U	0.01	U	0.025	U
	3-Methylphenol/4-Methylphenol	200	mg/l	0.01	U	0.01	U	0.025	U
	2,4,5-Trichlorophenol	400	mg/l	0.05	U	0.05	U	0.025	U
	Pyridine	5	mg/l	0.018	U	0.018	U	0.018	U
TCLP Volatiles by EPA 1311									
	Chloroform	6	mg/l	0.005	U	0.005	U	0.0075	U
	Carbon tetrachloride	0.5	mg/l	0.005	U	0.005	U	0.005	U
	Tetrachloroethene	0.7	mg/l	0.025	U	0.025	U	0.082	
	Chlorobenzene	100	mg/l	0.05	U	0.05	U	0.005	U
	1,2-Dichloroethane	0.5	mg/l	0.005	U	0.005	U	0.005	U
	Benzene	0.5	mg/l	0.005	U	0.005	U	0.005	U
	Vinyl chloride	0.2	mg/l	0.005	U	0.005	U	0.01	U
	1,1-Dichloroethene	0.7	mg/l	0.0075	U	0.0075	U	0.005	U
	Trichloroethene	0.5	mg/l	0.025		0.0092		0.005	U
	1,4-Dichlorobenzene	7.5	mg/l	0.005	U	0.005	U	0.025	U
	2-Butanone	200	mg/l	0.01	U	0.001	J	0.05	U

* Comparison is not performed on parameters with non-numeric criteria.

EPA-TCLP: EPA Toxicity Characteristic (TCLP) Regulatory Levels Criteria per 40CFR Part 261 as of September 10, 2015.

Table 2
Former Coyne Textile Facility
140 Cortland Ave
Source Removal Interim Remedial Measure
Additional Sampling for "Contained-in Determination"

LOCATION			SOIL-001		SOIL-002	
SAMPLING DATE			6/10/2019		6/10/2019	
	Action Level	Units	Results	Qual	Results	Qual
General Chemistry						
Solids, Total		%	73.5		73.9	
Organochlorine Pesticides by GC						
Pesticides were not detected in either sample						
Semivolatile Organics by GC/MS						
Acenaphthene	4,700	mg/kg	0.041	J	0.5	J
Fluoranthene	3,100	mg/kg	2		5.4	
Naphthalene	310	mg/kg	0.31		4.4	
Bis(2-ethylhexyl)phthalate	46	mg/kg	0.096	J	ND	
Benzo(a)anthracene	90	mg/kg	1.7		2.2	J
Benzo(a)pyrene	0.09	mg/kg	2.1		2.4	J
Benzo(b)fluoranthene	0.9	mg/kg	2.6		3.1	
Benzo(k)fluoranthene	9	mg/kg	0.8		0.95	J
Chrysene	88	mg/kg	1.5		2.3	J
Acenaphthylene		mg/kg	0.24		ND	
Anthracene	23,000	mg/kg	0.29		1	J
Benzo(ghi)perylene		mg/kg	1.3		1.4	J
Fluorene	3,100	mg/kg	0.087	J	0.8	J
Phenanthrene		mg/kg	0.7		4.8	
Dibenzo(a,h)anthracene	0.09	mg/kg	0.31		ND	
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	1.5		1.6	J
Pyrene	2,300	mg/kg	1.8		4.5	
Dibenzofuran		mg/kg	0.084	J	0.67	J
2-Methylnaphthalene		mg/kg	0.06	J	0.73	J
3-Methylphenol/4-Methylphenol	3,900	mg/kg	0.26	J	ND	
Carbazole	32	mg/kg	0.1	J	0.72	J
Total Metals						
Aluminum, Total		mg/kg	5940		5400	
Antimony, Total	31	mg/kg	6.05		2.18	J
Arsenic, Total	0.4	mg/kg	7		5.23	
Barium, Total	5,500	mg/kg	78.4		60.7	
Beryllium, Total	0.15	mg/kg	0.352	J	0.29	J
Cadmium, Total	78	mg/kg	0.575	J	0.373	J
Calcium, Total		mg/kg	51300		45700	
Chromium, Total		mg/kg	12.9		9.77	
Cobalt, Total		mg/kg	6.26		5.44	
Copper, Total		mg/kg	100		77.8	
Iron, Total		mg/kg	14800		13900	
Lead, Total	400	mg/kg	127		128	
Magnesium, Total		mg/kg	16400		10900	
Manganese, Total	11,000	mg/kg	322		415	
Mercury, Total	23	mg/kg	0.245		0.351	
Nickel, Total	1,600	mg/kg	16.7		13	
Potassium, Total		mg/kg	1080		1100	
Selenium, Total	390	mg/kg	0.511	J	0.59	J
Sodium, Total		mg/kg	181	J	263	
Vanadium, Total	550	mg/kg	15.2		12.9	
Zinc, Total	23,000	mg/kg	109		71.2	
Volatile Organics by GC/MS						
Tetrachloroethene	12	mg/kg	5.6		0.085	J
Ethylbenzene	7,800	mg/kg	ND		0.12	J
Trichloroethene	58	mg/kg	0.14		ND	
cis-1,2-Dichloroethene	780	mg/kg	0.22		0.14	J
Isopropylbenzene	3,100	mg/kg	0.038	J	1.9	

Notes:

Action Levels are defined by NYSDEC Contained-In Action Levels

Highlighted values exceed the action levels

ND - parameter not detected

J - estimated value

Table 3
Former Coyne Textile Facility
140 Cortland Avenue
Source Removal Interim Remedial Measure
Summary of Post Excavation Soil Sampling

Summary of Soil Extraction Con Sampling															
LOCATION				SOIL-B-200		SOIL-B-201		SOIL-SW-200		SOIL-SW-201		SOIL-SW-202		SOIL-SW-203	
SAMPLING DATE				6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019	
	Part 375 Unrestricted SCO	Part 375 Commercial SCO	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,4 Dioxane by 8270D-SIM															
1,4-Dioxane	0.1	130	mg/kg	0.0484	U	-	-	0.0361	U	0.0367	U	-	-	-	-
Total Metals															
Aluminum, Total			mg/kg	4100		4080		3390		3670		4370		3080	
Antimony, Total			mg/kg	1.74	J	8.44		1.03	J	8.22		4.22	J	4.33	J
Arsenic, Total	13	16	mg/kg	8.46		10.8		3.06		6.26		5.72		5.5	
Barium, Total	350	400	mg/kg	74.3		97.3		49.6		109		66		93.2	
Beryllium, Total	7.2	590	mg/kg	0.19	J	0.231	J	0.079	J	0.104	J	0.204	J	0.089	J
Cadmium, Total	2.5	9.3	mg/kg	0.775	J	1.27	J	0.438	J	1.22		0.656	J	0.748	J
Calcium, Total			mg/kg	79200		44800		66700		51400		40300		29500	
Chromium, Total			mg/kg	18.8		18.8		8.3		9.77		10.4		14.4	
Cobalt, Total			mg/kg	5.22		7.27		4.19		4.6		5.37		4	
Copper, Total	50	270	mg/kg	96.3		122		44		101		93		168	
Iron, Total			mg/kg	15300		18300		10400		15400		11600		9050	
Lead, Total	63	1000	mg/kg	174		491		86.9		170		162		220	
Magnesium, Total			mg/kg	16400		9780		14900		11300		9080		6520	
Manganese, Total	1600	10000	mg/kg	199		307		285		309		241		176	
Mercury, Total	0.18	2.8	mg/kg	1.67		3.59		1.98		0.706		1.1		1.27	
Nickel, Total	30	310	mg/kg	12.6		14.5		8.9		9.85		14.6		9.87	
Potassium, Total			mg/kg	614		612		673		1080		592		537	
Selenium, Total	3.9	1500	mg/kg	1.61	J	2.02	J	0.867	J	1.41	J	1.06	J	0.748	J
Silver, Total	2	1500	mg/kg	0.584	J	0.591	J	0.306	J	1.04	U	1.08	U	0.984	U
Sodium, Total			mg/kg	215	J	253	J	225		494		235		214	
Vanadium, Total			mg/kg	19		20.7		10.2		11.6		18.2		12.2	
Zinc, Total	109	10000	mg/kg	176		336		43		359		115		131	
Volatile Organics by EPA 5035															
Tetrachloroethene	1.3	150	mg/kg	12		920		170		1.7		4.6		52	
Ethylbenzene	1	390	mg/kg	0.96	U	5.6	U	1.4	U	0.2	J	1.8	U	0.16	J
Vinyl chloride	0.02	13	mg/kg	0.96	U	22		1.4	U	0.76	U	1.8	U	11	
1,1-Dichloroethene	0.33	500	mg/kg	0.96	U	1.4	J	1.4	U	0.76	U	1.8	U	0.68	U
trans-1,2-Dichloroethene	0.19	500	mg/kg	1.4	U	1.4	J	0.27	J	1.1	U	2.6	U	1.9	
Trichloroethene	0.47	200	mg/kg	0.61		86		6.4		0.38	U	0.88	U	1	
o-Xylene			mg/kg	0.96	U	5.6	U	1.4	U	0.76	U	1.8	U	0.2	J
cis-1,2-Dichloroethene	0.25	500	mg/kg	2.4		420		5.1		2.3		1.1	J	120	
Isopropylbenzene			mg/kg	2.3		0.81	J	1.4	U	5.8		2.8		1.2	

Table 3
Former Coyne Textile Facility
140 Cortland Avenue
Source Removal Interim Remedial Measure
Summary of Post Excavation Soil Sampling

Summary of Soil and Sediment Sampling															
LOCATION				SOIL-B-200		SOIL-B-201		SOIL-SW-200		SOIL-SW-201		SOIL-SW-202		SOIL-SW-203	
SAMPLING DATE				6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019		6/28/2019	
	Part 375 Unrestricted SCO	Part 375 Commercial SCO	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS															
Acenaphthene	20	500	mg/kg	0.21	U	0.069	J	0.02	J	0.17	U	0.028	J	0.051	J
Fluoranthene	100	500	mg/kg	0.22		0.59		2		0.44		0.31		0.64	
Naphthalene	12	500	mg/kg	0.27		0.9		0.057	J	0.13	J	0.2	J	1.4	
Bis(2-ethylhexyl)phthalate			mg/kg	1.7		1.1		0.19	U	0.22	U	0.98		0.38	
Di-n-butylphthalate			mg/kg	0.22	J	0.26	U	0.19	U	0.22	U	0.22	U	0.15	J
Benzo(a)anthracene	1	5.6	mg/kg	0.13	J	0.29		1.5		0.58		0.2		0.43	
Benzo(a)pyrene	1	1	mg/kg	0.14	J	0.34		2.2		0.65		0.23		0.46	
Benzo(b)fluoranthene	1	5.6	mg/kg	0.19		0.44		2.6		0.81		0.33		0.57	
Benzo(k)fluoranthene	0.8	56	mg/kg	0.065	J	0.14	J	0.88		0.37		0.094	J	0.24	
Chrysene	1	56	mg/kg	0.13	J	0.31		1.4		0.63		0.19		0.39	
Acenaphthylene	100	500	mg/kg	0.21	U	0.21	U	0.1	J	0.17	U	0.18	U	0.17	U
Anthracene	100	500	mg/kg	0.16	U	0.12	J	0.19		0.11	J	0.061	J	0.096	J
Benzo(ghi)perylene	100	500	mg/kg	0.12	J	0.26		1.7		0.46		0.2		0.34	
Fluorene	30	500	mg/kg	0.031	J	0.082	J	0.025	J	0.04	J	0.035	J	0.062	J
Phenanthrene	100	500	mg/kg	0.16		0.46		0.34		0.21		0.2		0.34	
Dibenzo(a,h)anthracene	0.33	0.56	mg/kg	0.16	U	0.053	J	0.32		0.11	J	0.044	J	0.069	J
Indeno(1,2,3-cd)pyrene	0.5	5.6	mg/kg	0.12	J	0.25		1.7		0.48		0.2		0.34	
Pyrene	100	500	mg/kg	0.21		0.52		2.1		0.38		0.28		0.57	
Dibenzofuran	7	350	mg/kg	0.26	U	0.06	J	0.035	J	0.038	J	0.026	J	0.035	J
2-Methylnaphthalene			mg/kg	0.038	J	0.11	J	0.23	U	0.03	J	0.05	J	0.12	J
3-Methylphenol/4-Methylphenol	0.33	500	mg/kg	0.38	U	0.081	J	0.27	U	0.064	J	0.32	U	0.3	U
Carbazole			mg/kg	0.26	U	0.047	J	0.035	J	0.053	J	0.024	J	0.024	J
Polychlorinated Biphenyls by GC															
Aroclor 1016		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1221		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1232		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1242		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1248		1	mg/kg	3.76		0.89		0.0375	U	0.858		4.69		1.72	
Aroclor 1254		1	mg/kg	0.531	U	0.276		0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1260		1	mg/kg	0.531	U	0.0485	J	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1262		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
Aroclor 1268		1	mg/kg	0.531	U	0.0529	U	0.0375	U	0.0843	U	0.901	U	0.408	U
PCBs, Total	0.1	1	mg/kg	3.76		1.21	J	0.0375	U	0.858		4.69		1.72	

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

Exceeds Part 375 Unrestricted SCO
Exceeds Part 375 Commercial SCO

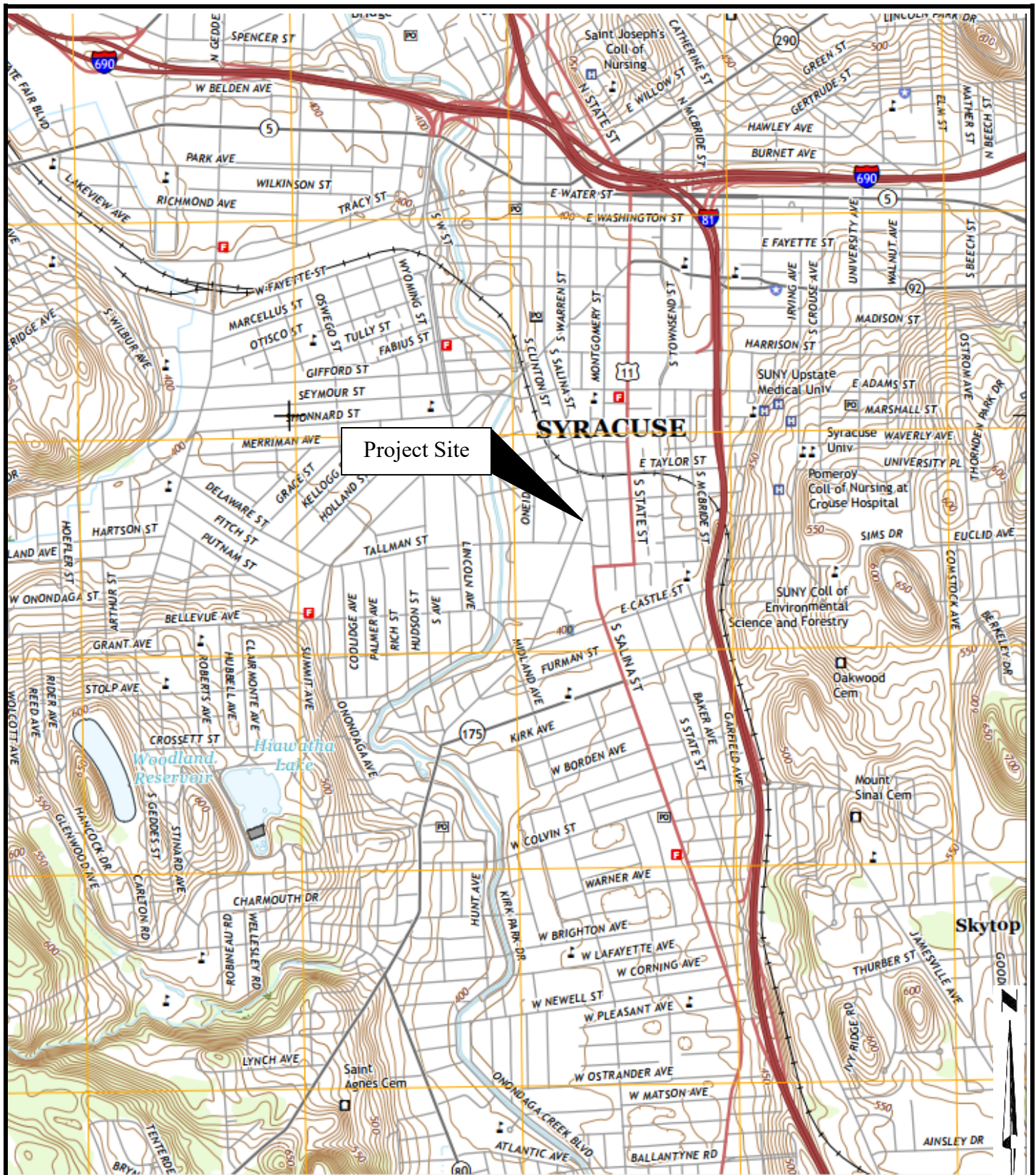
Table 4
Former Coyne Textile Facility
140 Cortland Avenue
Source Removal Interim Remedial Measure
Summary of PFAS Soil Sampling

LOCATION		SOIL-B-200		SOIL-SW-200		SOIL-SW-201	
SAMPLING DATE		6/28/2019		6/28/2019		6/28/2019	
	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry							
Solids, Total	%	74.4		83.2		75.1	
Perfluorinated Alkyl Acids by Isotope Dilution							
Perfluorobutanoic Acid (PFBA)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.061	J	1.11	U	0.073	J
Perfluorobutanesulfonic Acid (PFBS)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluorohexanoic Acid (PFHxA)	ug/kg	1.17	U	1.11	U	0.08	J
Perfluoroheptanoic Acid (PFHpA)	ug/kg	1.17	U	1.11	U	0.065	J
Perfluorohexanesulfonic Acid (PFHxS)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluorooctanoic Acid (PFOA)	ug/kg	0.157	J	1.11	U	0.264	J
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluoroheptanesulfonic Acid (PFHpS)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluorononanoic Acid (PFNA)	ug/kg	0.186	J	1.11	U	1.19	U
Perfluorooctanesulfonic Acid (PFOS)	ug/kg	20.5		1.11	U	0.407	J
Perfluorodecanoic Acid (PFDA)	ug/kg	0.283	J	1.11	U	1.19	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ug/kg	1.17	U	1.11	U	1.19	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ug/kg	1.17	U	1.11	U	1.19	U
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.148	J	0.153	J	1.19	U
Perfluorodecanesulfonic Acid (PFDS)	ug/kg	0.494	J	1.11	U	1.19	U
Perfluorooctanesulfonamide (FOSA)	ug/kg	0.162	J	1.11	U	1.19	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ug/kg	1.4		0.132	J	1.19	U
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.175	J	0.6	J	1.19	U
Perfluorotridecanoic Acid (PFTrDA)	ug/kg	1.17	U	1.01	J	1.19	U
Perfluorotetradecanoic Acid (PFTA)	ug/kg	0.123	J	0.612	J	0.077	J
PFOA/PFOS, Total	ug/kg	20.7	J	1.11	U	0.671	J

* Comparison is not performed on parameters with non-numeric criteria.

FIGURES





SOURCE: USGS MapViewer

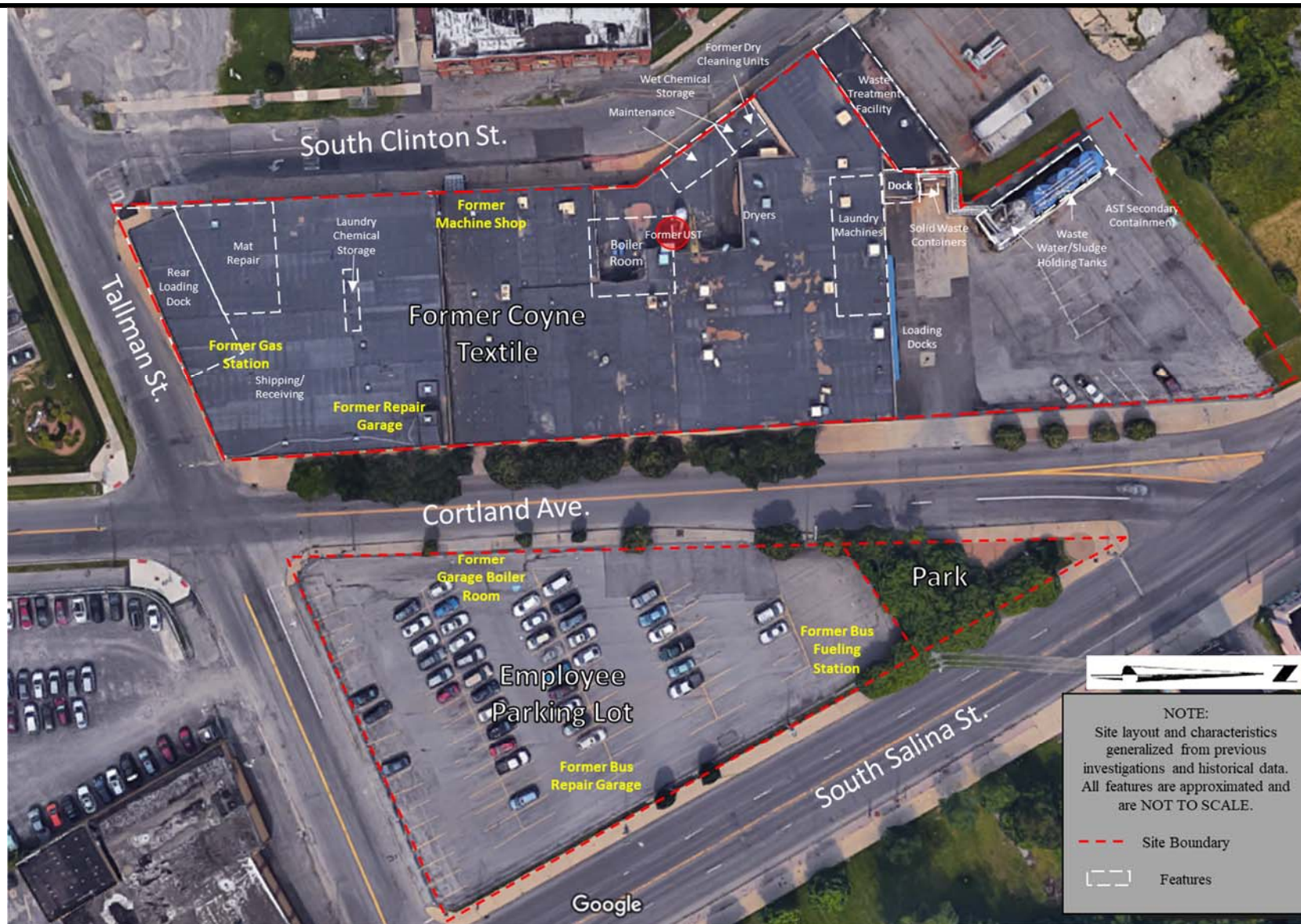


300 South State Street, Suite 600, Syracuse, New York 13202
www.chacompanies.com

NOT TO SCALE

DATE: September 2019

FIGURE 1
SITE LOCATION MAP
 140 CORTLAND AVE
 SYRACUSE,
 ONONDAGA COUNTY, NEW YORK

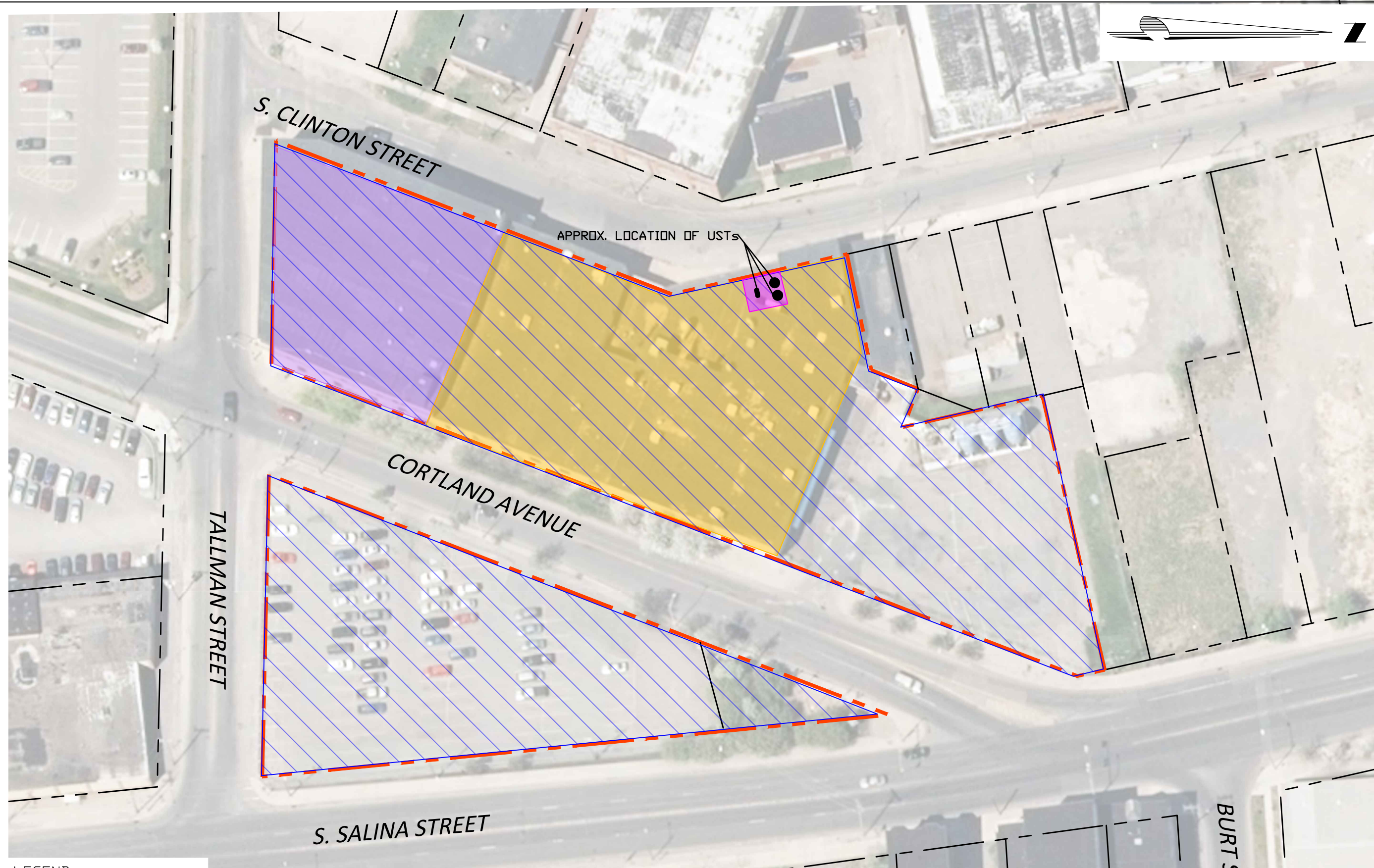


MAP NOT TO SCALE

DATE: September 2019

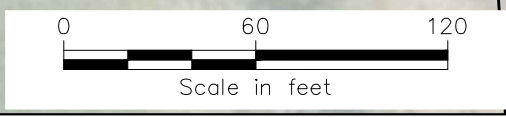
FIGURE 2
SITE LAYOUT
140 CORTLAND AVE
SYRACUSE
ONONDAGA COUNTY, NEW YORK

File: V:\PROJECTS\ANY\K4\33525\CADD\ENWP\SOURCE AREA COR\FIGURE 3 - AOC.SDWG
Saved: 8/1/2019 8:59:21 AM Plotted: 9/23/2019 8:25:17 AM Current User: Miller, Samantha LastSavedBy: 4187



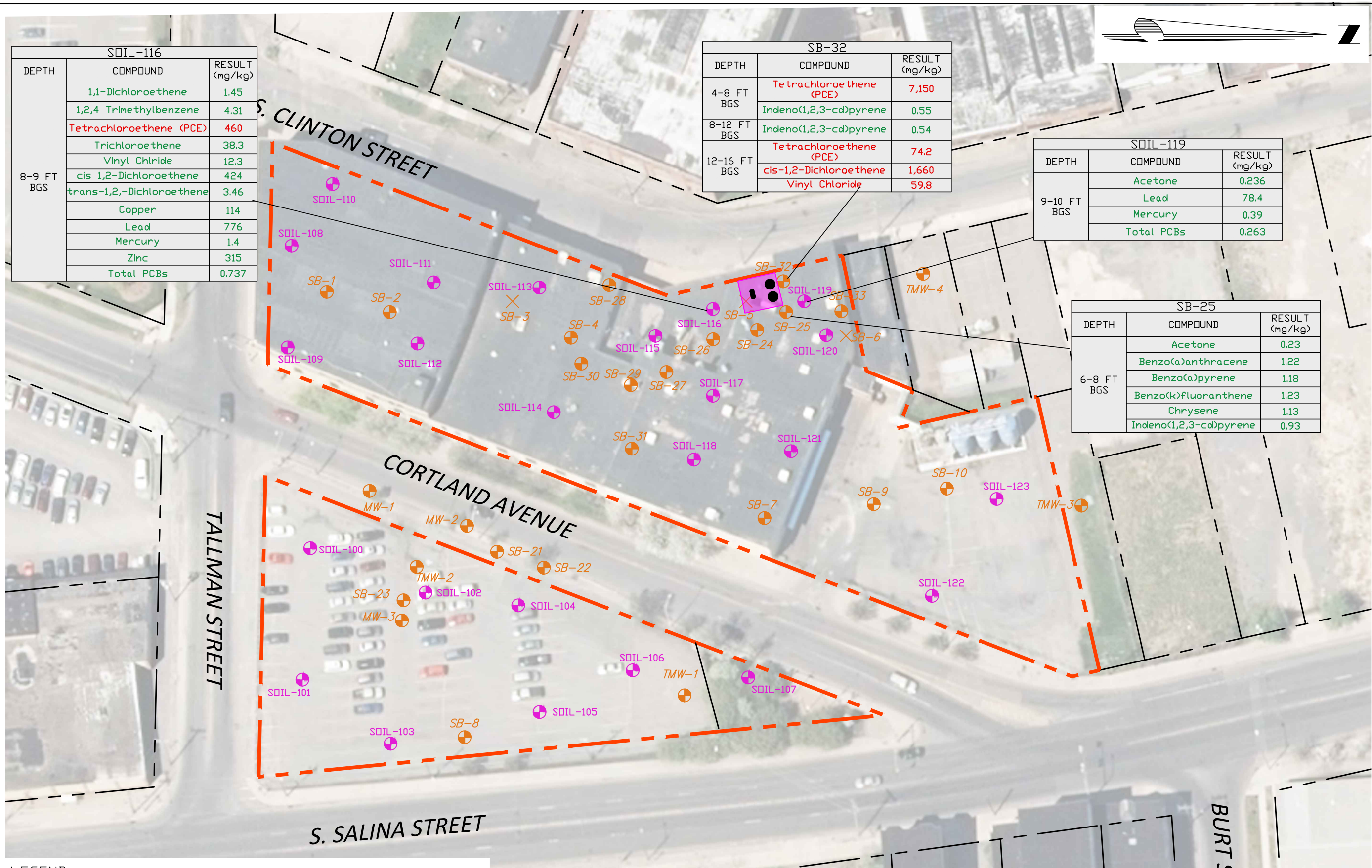
LEGEND:

-  FORMER UST AREA
-  SITE-WIDE GROUNDWATER
-  OFFICE VAPOR
-  WAREHOUSE VAPOR



Drawing Copyright© 2019  300 South State Street - Suite 600 Syracuse, NY 13202 315.471.3920 • www.chacompanies.com	FORMER COYNE TEXTILE FACILITY 140 CORTLAND AVE. SYRACUSE, NY 13202 CONTAMINANT SOURCE REMOVAL CCR AREAS OF CONCERN	PROJECT NO. 33525
		DATE: 09/2019
		FIGURE 3

File: V:\PROJECTS\ANY\K4\33525\CADD\ENVP\SOURCE AREA COR\FIGURE 4 - INVESTIGATIVE SAMPLES WITHIN THE FORMER UST AREA.DWG
Saved: 9/23/2019 10:48:53 AM Plotted: 9/24/2019 3:02:19 PM Current User: Miller, Samantha LastSavedBy: 4187



LEGEND:

- FORMER UST AREA
- APPROX. LOCATION OF USTs
- GZA 2014/2015 SOIL BORING LOCATIONS
- GZA 2014/2015 ATTEMPTED SOIL BORING
- CHA RIWP SOIL BORING LOCATIONS

GREEN RESULTS EXCEED UNRESTRICTED SCDs
RED RESULTS EXCEED COMMERCIAL SCDs
ONLY SAMPLE RESULTS EXCEEDING NYSDEC
PART 375 UNRESTRICTED AND COMMERCIAL
SCDs ARE SHOWN

0 60 120
Scale in feet

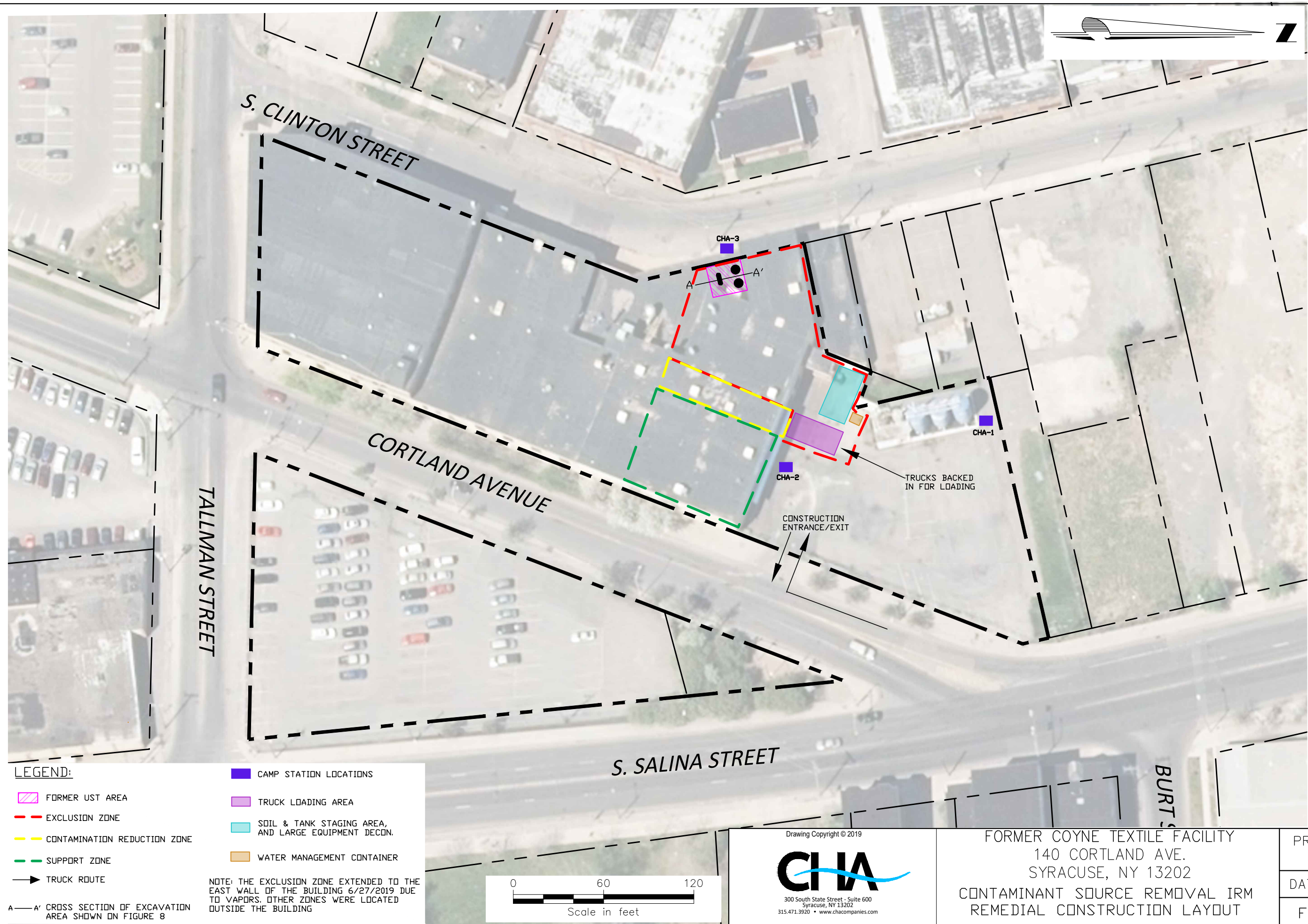
Drawing Copyright© 2019

CHW
300 South State Street - Suite 600
Syracuse, NY 13202
315.471.3920 • www.chacompanies.com

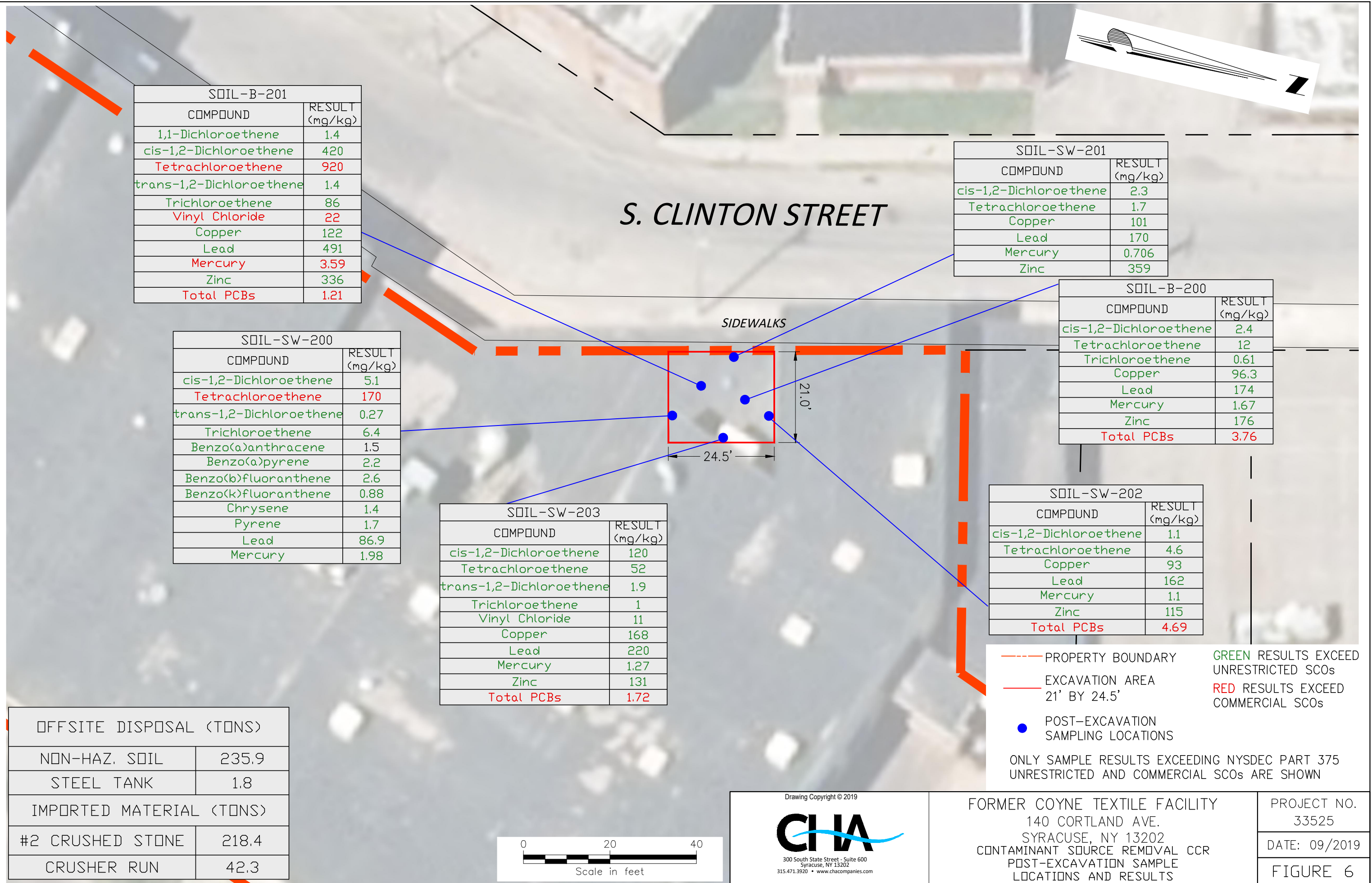
FORMER COYNE TEXTILE FACILITY
140 CORTLAND AVE.
SYRACUSE, NY 13202
INVESTIGATIVE SAMPLES WITHIN
THE FORMER UST AREA

PROJECT NO.
33525
DATE: 09/2019
FIGURE 4

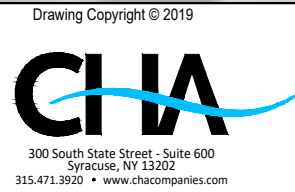
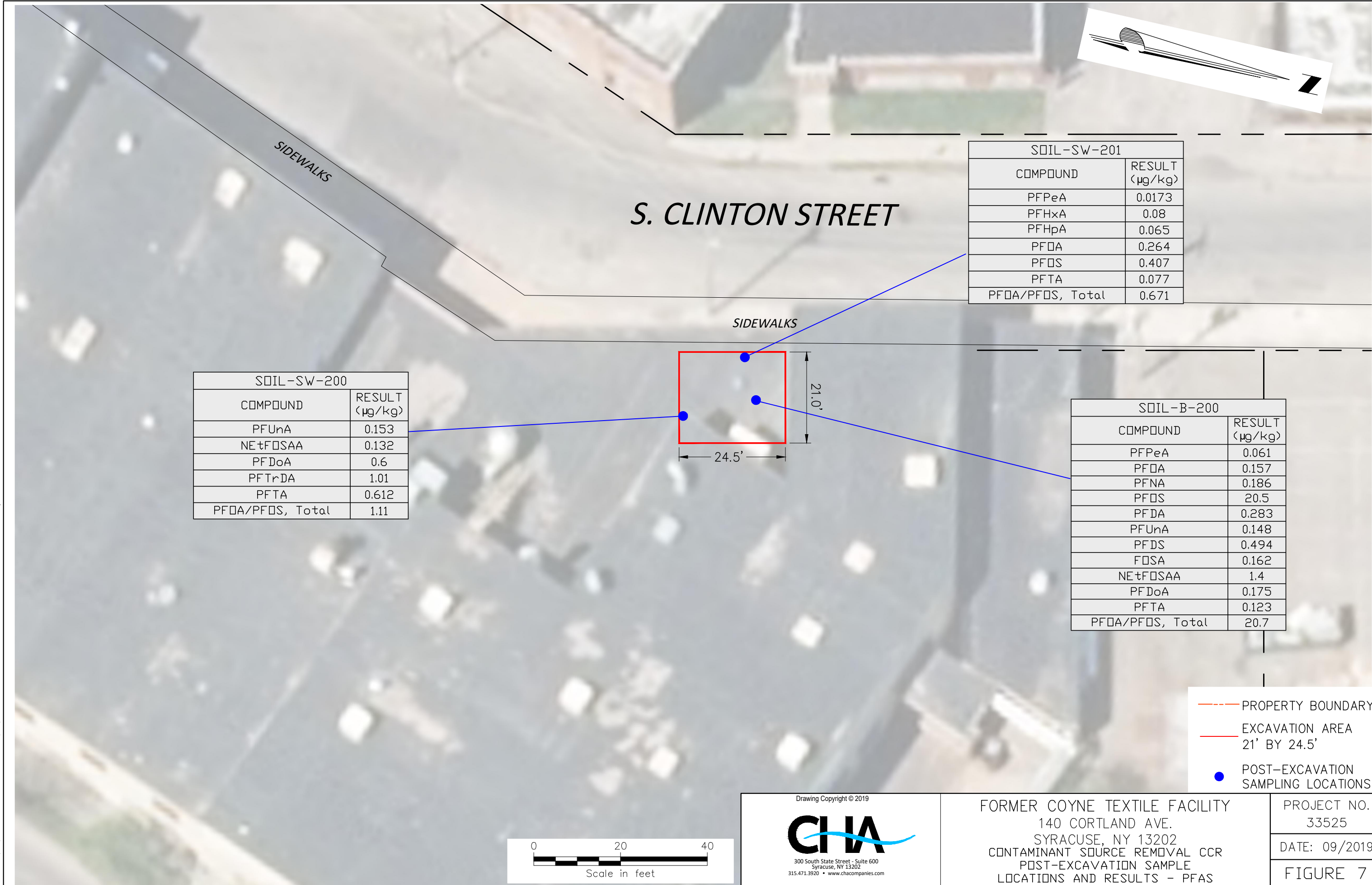
File: V:\PROJECTS\ANY\K4\33525\CADD\ACAD\SITE PLAN.DWG
Saved: 9/23/2019 10:56:13 AM Plotted: 9/23/2019 11:06:51 AM Current User: Miller, Samantha LastSavedBy: 4187



File: V:\PROJECTS\ANY\K4\33525\CADD\ENVP\SOURCE AREA CCR\FIGURE 6 - POST-EXCAVATION SAMPLING LOCATIONS AND RESULTS.DWG
Saved: 9/23/2019 11:47:21 AM Plotted: 9/24/2019 3:06:56 PM Current User: Miller, Samantha LastSavedBy: 4187

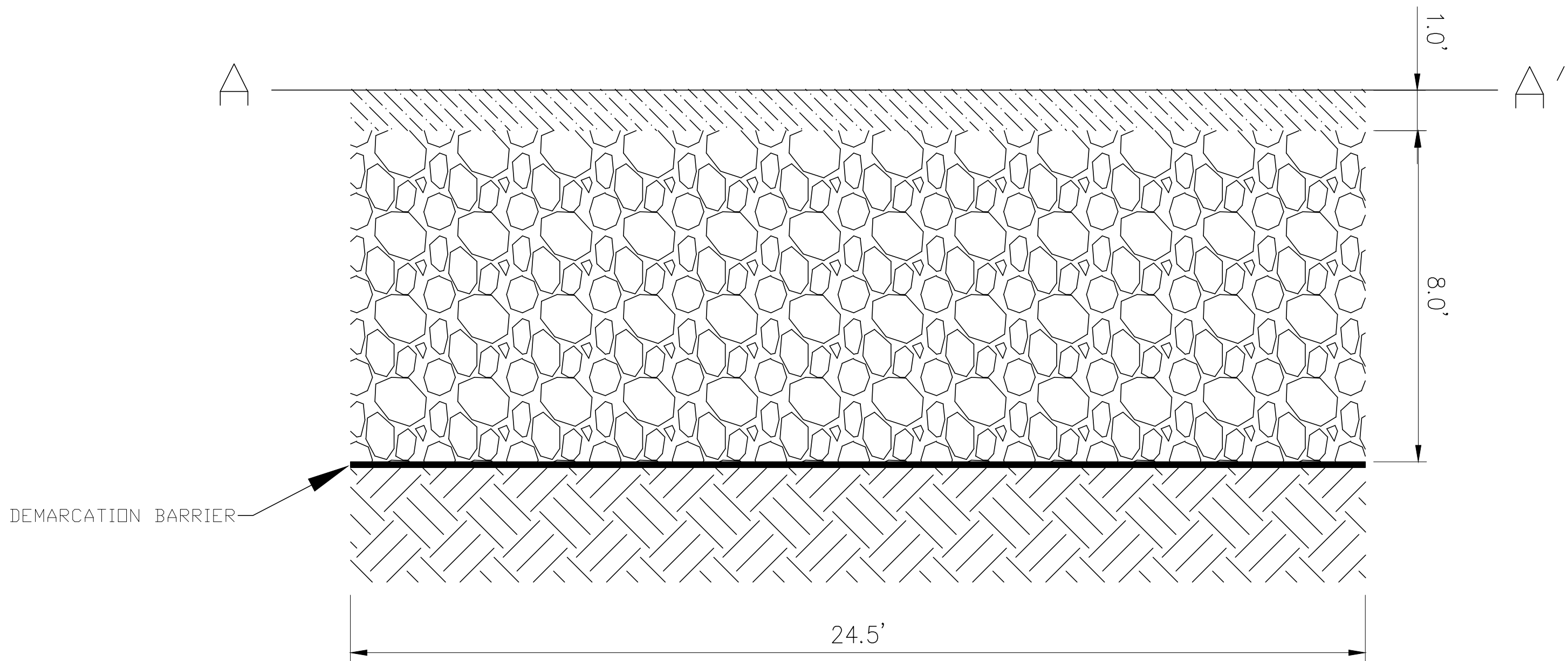


File: V:\PROJECTS\ANY\K4\33525\CADD\ENVP\SOURCE AREA CCR\FIGURE 7 - POST-EXCAVATION SAMPLING RESULTS.PFAS.DWG
Saved: 9/23/2019 12:00:45 PM Plotted: 9/24/2019 3:12:50 PM Current User: Miller, Samantha LastSavedBy: 4187



FORMER COYNE TEXTILE FACILITY 140 CORTLAND AVE. SYRACUSE, NY 13202 CONTAMINANT SOURCE REMOVAL CCR POST-EXCAVATION SAMPLE LOCATIONS AND RESULTS - PFAS	PROJECT NO. 33525
	DATE: 09/2019
	FIGURE 7

File: V:\PROJECTS\ANY\K4\33525\CADD\ENVP\SOURCE AREA CCR\FIGURE 8 - EXCAVATION LIMITS.DWG
Saved: 9/23/2019 12:29:50 PM Plotted: 9/23/2019 12:39:49 PM Current User: Miller, Samantha LastSavedBy: 4187



	8-DUNCE NON-WOVEN GEOTEXTILE
	CRUSHER RUN STONE
	NO. 2 CRUSHED STONE
	SUBGRADE

Drawing Copyright © 2019

CH2M

300 South State Street - Suite 600
Syracuse, NY 13202
315.471.3920 • www.chacompanies.com

FORMER COYNE TEXTILE FACILITY
140 CORTLAND AVE.
SYRACUSE, NY 13202
CONTAMINANT SOURCE REMOVAL CCR
EXCAVATION LIMITS

PROJECT NO. 33525
DATE: 09/2019
FIGURE 8

APPENDIX A

NYSDEC Approval Letters



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 7
615 Erie Boulevard West, Syracuse, NY 13204-2400
P: (315) 426-7519, (315) 426-7551 | F: (315) 426-2653
www.dec.ny.gov

June 25, 2019

James Ranalli
Ranalli/Taylor St., LLC
1200 State Fair Boulevard
Syracuse, NY 13209

**RE: Former Coyne Textile, Syracuse, NY
NYSDEC site# C734144
Contaminant Source Removal Interim Remedial Measure Work Plan**

Dear Mr. Ranalli:

Thank you for providing the above referenced Interim Remedial Measure (IRM) dated June 17, 2019 for the Former Coyne Textile site in Syracuse, New York.

The NYSDEC and the NYSDOH have determined the IRM to be satisfactory. Please place a copy of the final IRM (along with the most recent response to comment letter) in the sites document repository.

Should you have any questions, please contact me at (315) 426-7446 and thanks again for your efforts in continuing to move this project forward.

Sincerely,



Michael Belveg
Assistant Engineer (Environmental), Division of Environmental Remediation

Ec: Harry Warner, NYSDEC
Angela Martin, NYSDOH
Meghan Platt, CHA Consulting, Inc.



Department of
Environmental
Conservation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Bureau of Hazardous Waste and Radiation Management

625 Broadway, 9th Floor, Albany, New York 12233-7256

P: (518) 402-8651 | F: (518) 402-9024

www.dec.ny.gov

June 25, 2019

Ms. Karyn Ehmann
Assistant Engineer I
CHA
One Park Place
300 South State St., Suite 600
Syracuse, NY 13202-2024

Re: **Revised** - "Contained-In" Determination Request
Former Coyne Textile Facility
BCP Site No. C734144

Dear Ms. Ehmann:

The New York State Department of Environmental Conservation has reviewed the analytical soil data (Lab Sample ID: 1906268-002, L1920945-01, L1920945-02, L1924709-01 and L1924709-02) submitted with your letter dated May 30, 2019 and June 20, 2019 requesting for a "contained-in" determination for contaminated soils from which were encountered during a remedial investigation of the above project.

Concentrations detected for individual VOCs, SVOCs, metals and Pesticides were all significantly less than their current "contained-in" soil action levels, and Land Disposal Restriction concentrations. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations (Lab Sample ID: 1906268-002, L1924709-01 and L1924709-02) for tetrachloroethene, cis-1,2-dichloroethene and trichloroethene were below the soil "contained-in" action level and the Land Disposal Restriction concentration. Excavated soils from the UST Area, approximately 200 cubic yards, do not have to be managed as hazardous waste and can be transported off-site to Seneca Meadows, Inc. landfill in Waterloo, New York, for disposal as a solid waste.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Henry Wilkie', with a stylized flourish at the end.

Henry Wilkie
Assistant Environmental Engineer
RCRA Permit Section

ec: M. Belveg, DER Region 7

APPENDIX B

Construction Observation Logs



REPORT NO. 001

PAGE NO. 1 OF 3

DATE: 6.24.19

CONSTRUCTION OBSERVATION REPORT

PROJECT

Cayne

LOCATION

1410 Cortland Ave

WEATHER

TEMPERATURE

clear

HIGH 8 °F

LOW 58 °F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☐ Level D

PROJECT # 33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None☐ Erosion & Sediment Controls☐ Tracking off-site☐ Site Housekeeping☐ Site Security☐ Groundwater Management☐ Decontamination Operations☐ Work Zones☐ Community Air Monitoring☐ Odor Controls☐ Dust Controls☐ Stockpiles Covered

Site Visitors:

Name:

Sam Miller

Representing:

CIA

Purpose of Visit:

Assist Kary n w/ CAMP, drop off equipment

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Josh - foreman
Matt
Chris
Brian

Equipment Used Today: (Number, type, etc.)

mini excavator
Skid steer

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

TIME CHARGED TO PROJECT:

10.5

MILEAGE CHARGED TO PROJECT:

OBSERVER's SIGNATURE

☐ ADDITIONAL SHEETS USED CHECK INITIALS



REPORT NO. 001

PAGE NO. 2 OF 3

DATE: 6/24/19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA on site at 0630 - checked in with Josh.

Crew setting up decontamination area, stockpiling area, etc.

Several fans set up to circulate air, No Draeger tubes available

Dustrack and PID ^(CAMP) systems set up and started between 0750 and 0805

0810 Breathing zone PID readings ~1ppm

0817 Crew begins excavating soil/concrete

0910 Break - breathing zone PID readings still ~1ppm

1120 Excavator moved large section of concrete and revealed black, odorous soil. PID in breathing zone jumped to 3ppm, crew screened the ~~so~~ black soil and found >20 ppm

Josh decided to allow that soil to off-gas while crew goes to lunch

1215 Return from lunch. PID readings around excavation 2-3ppm, within the excavation 4-10ppm. Josh decided one person would ~~put~~ don tyvek and respirator to be in excavation. All others would stay out.

1250 Breathing zone PID levels increase to 3-5ppm. Work stopped for the day.

Crew to continue working elsewhere → reinforcing stockpile containment, covering stockpile, etc.

1345 CHA begins turning off CAMP stations



REPORT NO. 001

PAGE NO. 3 OF 3

DATE: 6/24/19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

Throughout the day, CTHA periodically checked on the CAMP Stations. (~ every 30min)

CAMP Setup



Upon downloading the data, the PID data at FA01352 did not log correctly and was ~~found~~ will not download. It is noted that the maximum concentration observed during periodic checks was 2.2 ppm. No exceedances of the CAMP protocol were noted.

★ Switch PID for tomorrow to hopefully not have this issue again.

off site at 1415

out of the office at 1730



REPORT NO. 002

PAGE NO. 1 OF 3

DATE: 6.25.19

CONSTRUCTION OBSERVATION REPORT

PROJECT Coyne

LOCATION 140 Cortland Ave

WEATHER

TEMPERATURE

rain A.M.
clearHIGH 85
LOW 60

PPE Levels Utilized Today:

☐ Level B ☒ Level C ☐ Modified D ☐ Level D

PROJECT # 33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED: Remedial Construction

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:
Sam Miller	CHA	equipment help Karyn dan Level C PPE
Anthony Russo	CHA	bottles for TCLP sample, training
James Ranalli III	Ranalli/Taylor-Owner	progress update

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By
SOIL-WC104	Soil	TCLP parameters → sent to Alpha	KE

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Josh - Foreman
Bill
Matt
Chris

Equipment Used Today: (Number, type, etc.)

mini excavator
skid steer
mini excavator w/ jack hammer attachment

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

10.0

MILEAGE CHARGED TO PROJECT:

☒ ADDITIONAL SHEETS USED CHECK INITIALS



REPORT NO. 002

PAGE NO. 2 OF 3

DATE: 6-25-19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA onsite at 0605 (Karyn Ehmann)

Set up CAMP Stations 0615 - 0640

0650 - PID readings, breathing zone 2.0 - 5.6 ppm; used Vinyl Chloride Draeger Tube → no color
Crew to continue working in Level D

0710 - Excavation work begins

0720 - PID readings, breathing zone adjacent to excavation ~12 ppm
" within excavation >20 ppm
Crew decides to upgrade to Level C PPE

0725 - CHA calls Meghan Platt to inform project manager of the PPE upgrade.

0815 - Sam Miller (CHA) on site to deliver equipment (new CAMP enclosures, bottle order, isobutylene)

0915 - CHA (Karyn) donned Level C PPE to enter exclusion zone
Sam Miller offsite

1105 - Crew began cutting the top of one tank

1130 → 1215 Lunch Break

1215 - Crew continues cutting the tank and removing soil

1330 - Anthony Russo (CHA) arrived on site to bring bottles for a sample

1400 - CHA (Karyn) collects one TCLP sample from the contents of the tank. Dons Level C PPE to collect sample
Contents are a dense sandy material, grey.
to be sampled for hazardous waste characteristics
Sent to Alpha for 3 day rush TAT



REPORT NO. 002

PAGE NO. 3 OF 3

DATE: 6-25-19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

1430 - Intrusive work concluded for the day.

1430 - James Ranalli III on site to discuss progress, soil stockpiling, soil removal, and safety.

Indicated first TCLP sample collected from the tank may have been scraped from the top.

1430-1445 - take down / shut off CAMP stations

1500 - CIA off site to return to office.

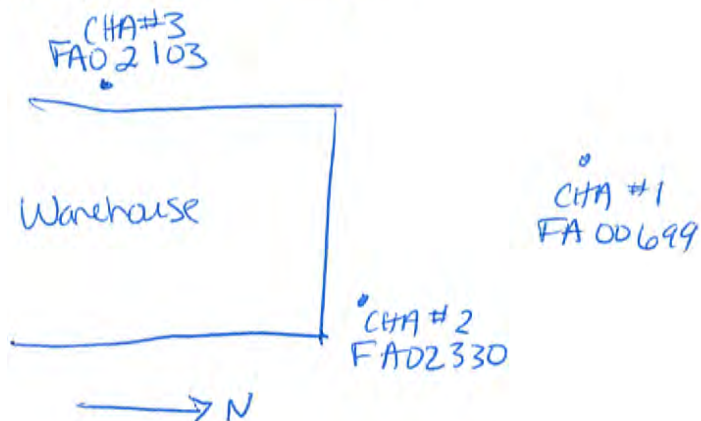
~1 hour - downloading data

setting up charging stations and organizing supplies

Note: Crew to set up additional stockpiling area in order to continue working tomorrow.

Waste disposal still not set up.

Camp Station Setup





REPORT NO. 003

PAGE NO. 1 OF 4

DATE: 6.26.19

CONSTRUCTION OBSERVATION REPORT

PROJECT

Cayne

LOCATION

140 Cortland Ave

WEATHER

TEMPERATURE

clear skies

HIGH 90

hazy & hot

LOW 68

humid

PPE Levels Utilized Today:

☐ Level B ☒ Level C ☐ Modified D ☒ Level D

PROJECT #

33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED: Source Removal

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☒ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☒ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:

Representing:

Purpose of Visit:

Sampling & Testing:

Sample ID

Sample Type

Analyses

Collected By

Work Completed:

Item No.

Description

Quantity

Item No.

Description

Quantity

Workers: (Number, type, etc.)

Josh - Foreman
Chris
matt
Brian

Equipment Used Today: (Number, type, etc.)

Skid steer
mini excavator
mini excavator w/ jackhammer attachment

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

10.5

MILEAGE CHARGED TO PROJECT:

☐ ADDITIONAL SHEETS USED CHECK INITIALS

CONSTRUCTION OBSERVATION REPORT

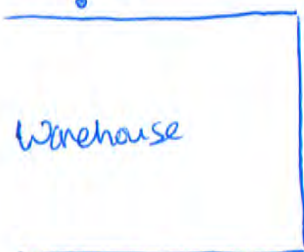
Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA on site at 0605

Set up CAMP stations, wind from the south

CHA #3
FA02103

CHA #1
FA00699



CHA #2
FA02330

→ N

Calibrations

CHA #1 @ 0622

PID Bump Test - pass
Dustrak - zero cal.

CHA #2 @ 0630

PID Bump Test - pass
Dustrak - zero cal.

CHA #3 @ 0640

PID Bump Test - fail
recalibrated PID
Bump Test #2 - pass
Dustrak - zero cal.

Extra PID for field screening

PID Bump Test - pass

Crew set up a second stockpiling area between the warehouse and the initial stockpiling area.

0650 - Crew putting on Level CPE to begin intrusive work
Using a jack hammer mounted to a mini excavator, the contents to the tank were broken up. Contents of the tank removed via mini excavator and stockpiled separately.
(pending analytical)

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

0745 CHA #2 Dustrak monitor indicates an exceedance of STEL
Koryn discussed dust suppression techniques with Josh.

0755 Matt (crewmember) begins wetting the #2 stone access ramp he is using to enter/exit the building.

Highest level noticed on the Dustrak monitor = 0.236 mg/m^3
CHA checked upwind Dustrak (CHA#3) $\Rightarrow$ level = 0.008 mg/m^3
CHA checked downwind Dustrak (CHA#1) $\Rightarrow$ level = 0.014 mg/m^3

0807 Matt finished wetting the access ramp, CHA#2 level still exceeding the 0.150 mg/m^3 limit.
CHA notes that traffic along Cortland Ave may be contributing to dust.

Visible emissions from access ramp reduced after wetting.

0811 CHA Stopped CHA#2 Dustrak and re-calibrated to zero.

0813 CHA restarted CHA#2

0815 reading @ CHA#2 = 0.131 mg/m^3

0826 reading @ CHA#2 = 0.076 mg/m^3

0855 CHA checked CHA#2 again $\rightarrow$ level = 0.285 mg/m^3

Note: Skid steer has not driven on access ramp for more than 20 minutes. Access ramp still appears wet.

CHA concludes traffic on Cortland Ave is contributing to PM10 measurements.

Before 1130 → Crew has removed enough contents of the tank to saw off ~3 ft of the tank wall.

Removed top ~3 ft and crushed it on poly sheeting inside the warehouse.

1130 - 1230 lunch

1230 CHA checked CHA #2, reading at 0.009 mg/m^3

1245 CHA getting into Level C to approach exclusion zone to take pictures and oversee tank removal.

1405 CHA out of exclusion zone.

Crew has removed almost all contents of the tank (one of the tanks) and is working to dislodge it.

Brian (crew member) used a torch to cut off the top of the other tank.

1505 Crew finished with intrusive work for the day. Unable to dislodge the remaining section of the first tank.

Covering up stockpiles.

1515 - 1525 CHA shuts down CAMP stations

1530 CHA offsite.

~ 1 hour at the office to download data and set up equipment to charge overnight.



REPORT NO. 004

PAGE NO. 1 OF 4

DATE: 6-27-19

CONSTRUCTION OBSERVATION REPORT

PROJECT

Cayne

LOCATION

140 Cortland Ave

WEATHER

hot
humid

TEMPERATURE

HIGH 92°F
LOW 70°F

PPE Levels Utilized Today:

☐ Level B ☒ Level C ☐ Modified D ☒ Level D

PROJECT #

33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.
DESCRIPTION OF WORK PERFORMED AND OBSERVED:

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☒ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☒ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☒ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:

Representing:

Purpose of Visit:

Harry Warner / Mike Belweg

DEC

General site visit

James Trasher / Jim Ranalli

CHA / Owner

Progress update

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Foreman - Josh
Owner - James Ranalli III
Crew - Matt, Chris, Brian, Andy, Ben

Equipment Used Today: (Number, type, etc.)

mini excavator
mini w/ jackhammer attachment
skidster
front loader

THE ABOVE DESCRIBED WORK WAS INCORPORATED
INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

MILEAGE CHARGED TO PROJECT:

☐ ADDITIONAL SHEETS USED CHECK INITIALS



REPORT NO. 004

PAGE NO. 2 OF 4

DATE: 6-27-19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA on site at 0600

Setting up CAMP Stations

Field Screen (extra) PID @ 0610

Bump test - fail ; recalibrated ; Bump test #2 - pass
105.0 ppm

CHA #2 @ 0615

Dustrak zero calibrated; PID Bump test - pass
104.5 ppm

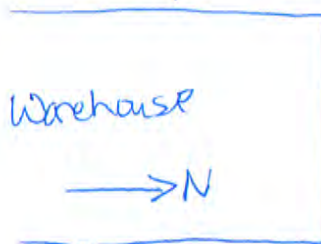
CHA #1 @ 0625

Dustrak zero calibrated; PID Bump test - pass
102.2 ppm

CHA #3 @ 0635

Dustrak zero calibrated; PID Bump test - fail (114.4 ppm)
recalibrated; Bump test #2 - pass (106.0) ppm

CHA3
FA02103



CHA1
FA00644

CHA2
FA02330

0640 Riccelli dump truck arrives - lining it with poly

Truck # 352 offsite at 0730

0715 CHA observes increased smell of contamination and immediately checks CHA 2 PID (reading at least 17.4 ppm). CHA stopped work inside the excavation zone to discuss work practices and safety.



REPORT NO. 004

PAGE NO. 3 OF 4

DATE: 6-27-19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

Crew to wet all haul roads and the access ramp, wet the excavation, and close most doors to the outside. Therefore, the exclusion zone now includes the entire warehouse because ventilation is limited.

PID in warehouse ~ 25 ppm, PID near excavation ~ 50 ppm

0735 Work resumes

0755 CHA checked PID at CHA2

PID = 1.1 ppm

Dustrak = 0.073 mg/m³

Note: Riccelli truck and front loaders are idling at the loading dock and near the stockpiles. Likely contributing to elevated PID and Dustrak readings at CHA2.

Truck # 353 off site @ 0820

1050 CHA observes diesel fumes impacting outdoor air.
PID at CHA2 reading ~ 2p ~ 4.5 ppm

1052 CHA checked CHA1 → found Dustrak reading ~ 0.170 mg/m³

Front loader is moving construction debris from the northern perimeter of the site.

CHA spoke with Ben (crewmember) about wetting down that area of the site to reduce migration of dust.

1100 Ranalli's are ordering odor/vapor suppression material for use tomorrow

1100 Truck # 353 off site

1127 Front loader moving soil into a truck, again. CHA2 indicating an exceedance. Ben is implementing dust suppression techniques.

1140 Truck # 353 offsite

pg 7 of 4

1200 - 1230 C&A offsite for Lunch

1230 Discussion with Meghan regarding confirmation sampling, limits of excavation, and disposal of steel.

Steel carcass from the tank has been cut into pieces and no longer have soil or cementous material caked on. Therefore, the steel can be sent to a scrap yard.

Soil in drums from the Remedial Investigation will be placed on the stockpile to be disposed of as non-hazardous waste.

1350 ~~to~~ Harry Warner and Mike Belveg, DEC, arrive on site. Mike requested the daily logs - Meghan and Sam are working on it.

1420 DEC offsite

Truck # 352 offsite at 1445

1500 Intrusive work concluded for the day

C&A ran a Draeger tube near the excavation

clean for vinyl chloride and PCE/TCE.

PID readings significantly less than earlier in the day (~10ppm)

1515 James Trasher and Jim Ranalli (Sr) arrive on site to check progress

1530 C&A offsite

~ 1.5 hours at the office to download data, charge equipment, and write daily report.



CONSTRUCTION OBSERVATION REPORT

REPORT NO. 005

PAGE NO. 1 OF 4

DATE: 6-28-19

PROJECT

Coyne

LOCATION

140 Cortland Ave

WEATHER

TEMPERATURE

Clear
humid

HIGH 90°F

LOW 68°F

PPE Levels Utilized Today:

☐ Level B ☒ Level C ☐ Modified D ☒ Level D

PROJECT # 33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED: Remedial Construction

Site Control Issues Observed:

(Provide details in observations section)

- | | | | |
|--|---|---|---|
| ☐ None | ☐ Site Housekeeping | ☐ Decontamination Operations | ☐ Odor Controls |
| ☐ Erosion & Sediment Controls | ☐ Site Security | ☐ Work Zones | ☐ Dust Controls |
| ☐ Tracking off-site | ☐ Groundwater Management | ☐ Community Air Monitoring | ☐ Stockpiles Covered |

Site Visitors:

Name:	Representing:	Purpose of Visit:

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By
	SOTL	6 Confirmation Samples, see details in the observation section	KE

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Josh - foreman
James - owner
Workers - Matt, Brian, Chris, Ben,
Andy, Donny.

Equipment Used Today: (Number, type, etc.)

mini excavator
back-ho
mini w/ jackhammer attachment
skid steer
front loader

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT:

10.0

MILEAGE CHARGED TO PROJECT:

☒ ADDITIONAL SHEETS USED CHECK INITIALS

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA on site at 0605

Setting up CAMP stations



CHA #2 @ 0620

PID Bump test - pass

Dustrak zero calibrated

CHA #1 @ 0625

PID Bump test - pass

Dustrak zero calibrated

CHA #3 @ 0630

PID Bump test - pass

Dustrak zero calibrated

0640 Ran a Draeger tube for site ~~COG~~ COCs within the exclusion zone → no change in color for vinyl chloride nor PCE/TCE.

Crew resetting their stockpiling area with new poly sheeting.

0650 Intrusive work begins

0810 One tank completely removed and placed in the stockpile area. Bottom of tank severely corroded with multiple holes and worn out areas.

Multiple punctures noted from the use of a jackhammer to remove the cementitious contents of the tank.

Attempted to crush the tank - unsuccessful.

But the tank had been cut into ~~pieces~~ pieces and cannot be reused in current condition.

Tank rinsed with water in stockpiling area and sent off site for disposal.

CONSTRUCTION OBSERVATION REPORT

REPORT NO. 005

PAGE NO. 3 OF 4

DATE: 6-28-19

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

0845 Second tank completely removed. Similar condition to the first tank.

Crew excavating the remaining soil within the excavation area and crushing the small tank that was removed previously.

LHA prepares for confirmation sampling.

SOIL - B-200 @ 0930 → PFAS, 1,4-Dioxane

SOIL - B-201 @ 0950

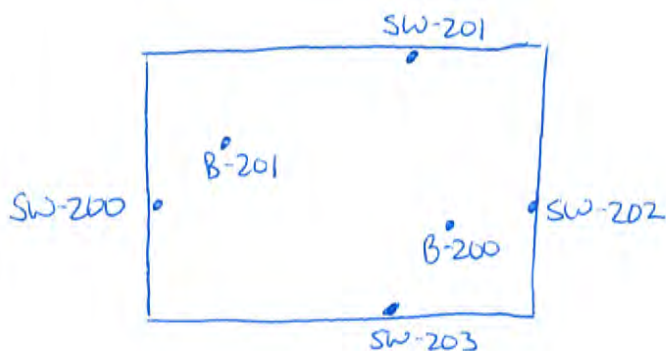
SOIL - SW-200 @ 1005 → PFAS, 1,4-Dioxane

SOIL - SW-201 @ 1020 → PFAS, 1,4-Dioxane

SOIL - SW-202 @ 1035

SOIL - SW-203 @ 1050

Sent to Alpha for analysis of
VOLs, SUDGs,
Metals, PCBs



Crew sprayed excavation area with Biosolve after confirmation sampling was complete.

Crew cleaned interior of the building/warehouse, decontaminated equipment, and covered the stockpiles remaining at the site. Continued to implement dust suppression techniques when needed.

1400 intrusive work and cleaning procedures that generated dust are done for the day.

1400 - 1420 CHA turns off CAMP stations. and .

1430 CHA offsite.



REPORT NO. 006

PAGE NO. 1 OF

DATE: 7.3.19

CONSTRUCTION OBSERVATION REPORT

PROJECT Former Layne Textile

LOCATION 140 Cortland Ave

WEATHER TEMPERATURE

clear
hotHIGH 85°F
LOW 68°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 33525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.

DESCRIPTION OF WORK PERFORMED AND OBSERVED: Stockpile disposal

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:	Representing:	Purpose of Visit:

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

James - Owner
Crew - Andy, Ben

Equipment Used Today: (Number, type, etc.)

Front loader
Back hoe

THE ABOVE DESCRIBED WORK WAS INCORPORATED INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT: _____

MILEAGE CHARGED TO PROJECT: _____

☐ ADDITIONAL SHEETS USED CHECK INITIALS _____



REPORT NO. 006

PAGE NO. 2 OF 2

DATE: 7.3.19

CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.:

CHA on site at 0615

Set up CAMP stations

CHA#3

Warehouse

• CHA#1

• CHA#2

→ N

CHA#2 @ 0620

PID Bump test - pass

Dustrak zero calibrated

CHA#1 @ 0630

PID Bump test - fail

Recalibrated - pass

Dustrak zero calibrated

CHA #3 @ 0645

PID Bump test - pass

Dustrak zero calibrated

0700

Checked in with James and crew
Riccelli truck ^{arrives} on site

0705

Crew begins loading stockpiled material into the truck

0835

Truck offsite for disposal

Crew finishes sweeping / cleaning

0845

CHA taking down CAMP stations

0900

CHA offsite



REPORT NO. 007

PAGE NO. 1 OF 2

DATE: 7/15/19

CONSTRUCTION OBSERVATION REPORT

PROJECT Former Coyne Textile

LOCATION 140 Costland Ave

WEATHER TEMPERATURE

Clear
hotHIGH 84°F
LOW 65°F

PPE Levels Utilized Today:

☐ Level B ☐ Level C ☐ Modified D ☒ Level D

PROJECT # 3.3525

SPECIFY: LOCATION, NATURE OF WORK BY CONTRACTOR & SUB-CONTRACTOR FOR EACH OPERATION.
DESCRIPTION OF WORK PERFORMED AND OBSERVED: backfill

Site Control Issues Observed:

(Provide details in observations section)

☐ None	☐ Site Housekeeping	☐ Decontamination Operations	☐ Odor Controls
☐ Erosion & Sediment Controls	☐ Site Security	☐ Work Zones	☐ Dust Controls
☐ Tracking off-site	☐ Groundwater Management	☐ Community Air Monitoring	☐ Stockpiles Covered

Site Visitors:

Name:

Representing:

Purpose of Visit:

Sampling & Testing:

Sample ID	Sample Type	Analyses	Collected By

Work Completed:

Item No.	Description	Quantity	Item No.	Description	Quantity

Workers: (Number, type, etc.)

Foreman Josh Lesher
Owner - James
Crew - Chris, Brian, Matt,
Andy, Ben

Equipment Used Today: (Number, type, etc.)

Front loader
Back HoeTHE ABOVE DESCRIBED WORK WAS INCORPORATED
INTO THE PROJECT & WAS OBSERVED BY:

OBSERVER'S SIGNATURE

TIME CHARGED TO PROJECT: _____

MILEAGE CHARGED TO PROJECT: _____

☐ ADDITIONAL SHEETS USED CHECK INITIALS _____



REPORT NO. 007

PAGE NO. 2 OF 2

DATE: 7.15.19

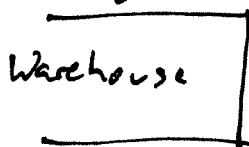
CONSTRUCTION OBSERVATION REPORT

Summarize all observations, progress made for each operation, key conversations and decisions made, quantities measured, design changes, testing or sampling performed, issues, delays, etc.

CHA onsite @ 0630

Set up Camp Stations

CHA #3



CHA #1

CHA #2

CHA #2 @ 0640

PID Bump test - pass

Dustrak zero calibrated

CHA #1 @ 0655

PID Bump test - pass

Dustrak zero calibrated

CHA #3 @ 0710

PID Bump test - pass

Dustrak zero calibrated

0715 crew begins filling in pit with gravel that has been wetted by crew

0830 crew continues to backfill pit

0900 crew taking break from backfilling

0915 crew resumed backfilling

1100 crew is pouring fill in order to create a flat surface

1200 crew done leveling floor

1205 CHA taking down CAMPs

1220 CHA offsite

APPENDIX C

Photograph Log



Photograph 1. Decontamination area and additional supplies for the contractors working within the Exclusion Zone.



Photograph 2. Polyethylene lined stockpiling area adjacent to the loading docks and to the north of the building.



Photograph 3. Location of CHA-1 CAMP station.



Photograph 4. Contractors utilizing a jackhammer attachment to break up concrete within the excavation.



Photograph 5. Contractors uncovered one tank.



Photograph 6. Stockpiled material was covered with polyethylene sheeting at the end of each day.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS
TAKEN:
6/24/2019



Photograph 7. Overall image of the warehouse.



Photograph 8. Contractors using a mini excavator to load the bucket of a skid steer.



Photograph 9. Two tanks being uncovered.



Photograph 10. Contractors using a mini excavator to load the bucket of a skid steer.



Photograph 11. Stockpiled waste soils.



Photograph 12. Contractors cut off the top of a tank to remove the contents of the tank separately.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

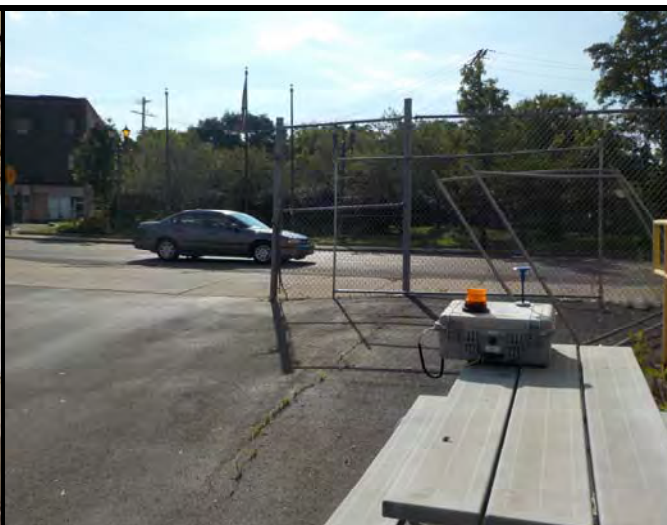
SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS TAKEN:
6/25/2019



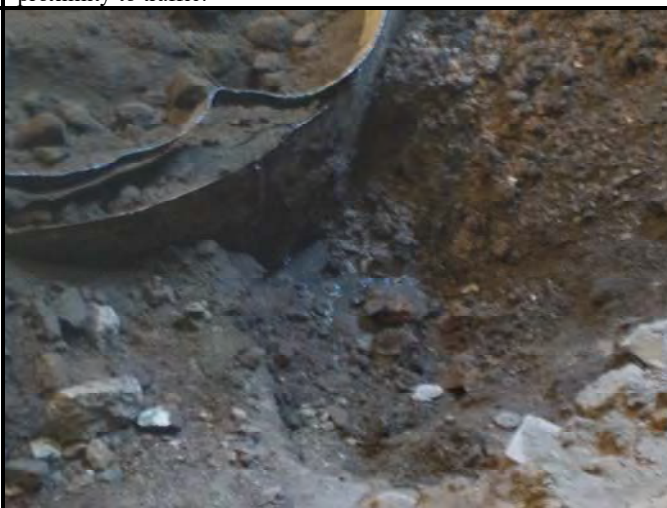
Photograph 13. Stockpiled the cementitious material from within the tanks separately, pending analytical results.



Photograph 14. Location of CAMP Station CHA-2, within close proximity to traffic.



Photograph 15. Contractors cut the tank into sections to facilitate removal.



Photograph 16. Digging around the tank. Encountered groundwater.



Photograph 17. Contractors using a jackhammer attachment to break up cementitious material within the tanks.



Photograph 18. Contractor utilizing an acetylene torch to cut the top off the tank.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS TAKEN:
6/26/2019



Photograph 19. Contractors wet the haul roads to minimize dust.



Photograph 20. Skid steer transporting material from the excavation area to stockpiles.



Photograph 21. Contractors loading the trucks with soil for off-site disposal.



Photograph 22. Cementitious material covered, pending analytical results.



Photograph 23. One tank almost removed.



Photograph 24. Contractors using an excavator to remove cementitious material from the tanks.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS TAKEN:
6/27/2019



Photograph 25. First tank removed. Holes and thin steel noted at the bottom of the tank.



Photograph 26. Removing the second tank.



Photograph 27. The excavation area, post tank removal.



Photograph 28. Second tank removed. Holes and thin steel noted at the bottom of the tank.



Photograph 29. Excavation taped off at the the end of UST and contaminated soil removal.



Photograph 30. Contractor decontaminating equipment.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS TAKEN:
6/28/2019



Photograph 31. Contractor lined the excavation with 8 ounce nonwoven geotextile material.



Photograph 32. Contractor lined the excavation with 8 ounce nonwoven geotextile material.



Photograph 33. Stockpile of #2 run of crush stone used to backfill the excavation.



Photograph 34. Stockpile of #2 run of crush stone used to backfill the excavation.



Photograph 35. Excavation backfilled with #2 run of crush stone.



Photograph 36. Excavation backfilled with #2 run of crush stone.



300 South State Street, Suite 600 ©2018
Syracuse, NY 13202

Main: (315) 471-3920 • www.chacompanies.com

SITE PHOTOGRAPHS
Former Coyne Textile Facility
140 Cortland Ave
SYRACUSE, STATE OF NEW YORK

PROJECT NO.
33525

PHOTOGRAPHS TAKEN:
7/15/2019

APPENDIX D

Waste Characterization Analytical Reports



ANALYTICAL REPORT

Lab Number:	L1920945
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Karyn Ehmann
Phone:	(315) 471-3920
Project Name:	COYNE TEXTILE
Project Number:	33525
Report Date:	05/28/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1920945-01	SOIL-WC102	SOIL	190 CORTLAND AVE., SYRACUSE, NY	05/17/19 09:10	05/17/19
L1920945-02	SOIL-WC103	SOIL	190 CORTLAND AVE., SYRACUSE, NY	05/17/19 09:00	05/17/19

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1920945-01 and -02: The sample was received in an inappropriate container for the TCLP Volatile Organics analysis.

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

Authorized Signature:



Cristin Walker

Title: Technical Director/Representative

Date: 05/28/19

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-01
 Client ID: SOIL-WC102
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/21/19 13:05
 Analyst: MKS
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 05/20/19 14:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	25		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
dibromofluoromethane	110		70-130

Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02
 Client ID: SOIL-WC103
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 05/21/19 13:31
 Analyst: MKS
 Percent Solids: 63%
 TCLP/SPLP Ext. Date: 05/20/19 14:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	9.2		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	1.0	J	ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
dibromofluoromethane	117		70-130

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 05/21/19 07:59
 Analyst: MM
 TCLP/SPLP Extraction Date: 05/20/19 14:30

Extraction Date: 05/20/19 14:30

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1239401-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
dibromofluoromethane	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1239401-3 WG1239401-4								
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	120		110		63-132	9		20
Tetrachloroethene	95		98		70-130	3		20
Chlorobenzene	99		98		75-130	1		25
1,2-Dichloroethane	120		100		70-130	18		20
Benzene	90		89		70-130	1		25
Vinyl chloride	97		95		55-140	2		20
1,1-Dichloroethene	100		100		61-145	0		25
Trichloroethene	100		110		70-130	10		25
1,4-Dichlorobenzene	110		100		70-130	10		20
2-Butanone	100		100		63-138	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		105		70-130
Toluene-d8	93		96		70-130
4-Bromofluorobenzene	102		96		70-130
dibromofluoromethane	107		100		70-130

SEMIVOLATILES

Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-01
 Client ID: SOIL-WC102
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/21/19 16:39
 Analyst: RC
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 16:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	77		33-120

Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02
 Client ID: SOIL-WC103
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 05/21/19 17:05
 Analyst: RC
 Percent Solids: 63%
 TCLP/SPLP Ext. Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 16:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	79		33-120

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 05/21/19 17:47
 Analyst: RC
 TCLP/SPLP Extraction Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 16:29

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1239162-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	82		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1239162-2 WG1239162-3								
Hexachlorobenzene	76		72		40-140	5		30
2,4-Dinitrotoluene	90		84		40-132	7		30
Hexachlorobutadiene	67		64		28-111	5		30
Hexachloroethane	60		57		21-105	5		30
Nitrobenzene	92		85		40-140	8		30
2,4,6-Trichlorophenol	89		82		30-130	8		30
Pentachlorophenol	82		79		9-103	4		30
2-Methylphenol	76		72		30-130	5		30
3-Methylphenol/4-Methylphenol	80		74		30-130	8		30
2,4,5-Trichlorophenol	94		86		30-130	9		30
Pyridine	48		33		10-66	37	Q	30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		75		21-120
Phenol-d6	73		66		10-120
Nitrobenzene-d5	104		96		23-120
2-Fluorobiphenyl	82		77		15-120
2,4,6-Tribromophenol	95		89		10-120
4-Terphenyl-d14	83		77		33-120

PCBS

Project Name: COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1920945**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-01 D
 Client ID: SOIL-WC102
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/23/19 05:25
 Analyst: WR
 Percent Solids: 92%

Extraction Method: EPA 3546
 Extraction Date: 05/19/19 12:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/20/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/20/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	68.4	6.08	2	A
Aroclor 1221	ND		ug/kg	68.4	6.86	2	A
Aroclor 1232	ND		ug/kg	68.4	14.5	2	A
Aroclor 1242	ND		ug/kg	68.4	9.23	2	A
Aroclor 1248	451		ug/kg	68.4	10.3	2	B
Aroclor 1254	238		ug/kg	68.4	7.49	2	B
Aroclor 1260	31.1	J	ug/kg	68.4	12.6	2	A
Aroclor 1262	ND		ug/kg	68.4	8.69	2	A
Aroclor 1268	ND		ug/kg	68.4	7.09	2	A
PCBs, Total	720	J	ug/kg	68.4	6.08	2	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1920945**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02
 Client ID: SOIL-WC103
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 05/23/19 02:53
 Analyst: WR
 Percent Solids: 63%

Extraction Method: EPA 3546
 Extraction Date: 05/19/19 12:14
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/20/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/20/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	290		ug/kg	51.9	7.79	1	B
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	204		ug/kg	51.9	9.60	1	B
Aroclor 1262	ND		ug/kg	51.9	6.60	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	494		ug/kg	51.9	4.61	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 05/22/19 23:02
 Analyst: HT

Extraction Method: EPA 3546
 Extraction Date: 05/19/19 10:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 05/20/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/20/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1238789-1						
Aroclor 1016	ND		ug/kg	32.1	2.85	A
Aroclor 1221	ND		ug/kg	32.1	3.22	A
Aroclor 1232	ND		ug/kg	32.1	6.81	A
Aroclor 1242	ND		ug/kg	32.1	4.33	A
Aroclor 1248	ND		ug/kg	32.1	4.82	A
Aroclor 1254	ND		ug/kg	32.1	3.52	A
Aroclor 1260	ND		ug/kg	32.1	5.94	A
Aroclor 1262	ND		ug/kg	32.1	4.08	A
Aroclor 1268	ND		ug/kg	32.1	3.33	A
PCBs, Total	ND		ug/kg	32.1	2.85	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	110		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1238789-2 WG1238789-3									
Aroclor 1016	82		82		40-140	0		50	A
Aroclor 1260	77		80		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		94		30-150	A
Decachlorobiphenyl	98		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		90		30-150	B
Decachlorobiphenyl	108		103		30-150	B

PESTICIDES

Project Name: COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1920945**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-01
 Client ID: SOIL-WC102
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/21/19 13:48
 Analyst: AMC
 Percent Solids: 92%
 TCLP/SPLP Ext. Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

SAMPLE RESULTS

Lab ID: L1920945-01
Client ID: SOIL-WC102
Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10
Date Received: 05/17/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/22/19 12:12
Analyst: DGM
Percent Solids: 92%
TCLP/SPLP Ext. Date: 05/18/19 16:26
Methylation Date: 05/21/19 11:45

Extraction Method: EPA 8151A
Extraction Date: 05/20/19 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	53		30-150	A
DCAA	46		30-150	B

Project Name: COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1920945**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02
 Client ID: SOIL-WC103
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/21/19 14:01
 Analyst: AMC
 Percent Solids: 63%
 TCLP/SPLP Ext. Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1920945**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02
 Client ID: SOIL-WC103
 Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00
 Date Received: 05/17/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 05/22/19 12:30
 Analyst: DGM
 Percent Solids: 63%
 TCLP/SPLP Ext. Date: 05/18/19 16:26
 Methylation Date: 05/21/19 11:45

Extraction Method: EPA 8151A
 Extraction Date: 05/20/19 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	47		30-150	A
DCAA	40		30-150	B

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/22/19 12:48
Analyst: DGM
TCLP/SPLP Extraction Date: 05/18/19 12:39
Methylation Date: 05/21/19 11:45

Extraction Method: EPA 8151A
Extraction Date: 05/20/19 11:20

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1239032-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	61		30-150	A
DCAA	52		30-150	B

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 05/21/19 14:13
 Analyst: AMC
 TCLP/SPLP Extraction Date: 05/18/19 16:26

Extraction Method: EPA 3510C
 Extraction Date: 05/20/19 19:22

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01-02 Batch: WG1239220-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1239032-2 WG1239032-3									
2,4-D	97		100		30-150	3		25	A
2,4,5-TP (Silvex)	46		58		30-150	23		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	62		74		30-150	A
DCAA	49		64		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01-02 Batch: WG1239220-2 WG1239220-3									
Lindane	91		88		30-150	4		20	A
Heptachlor	87		84		30-150	4		20	A
Heptachlor epoxide	92		88		30-150	4		20	A
Endrin	95		90		30-150	5		20	A
Methoxychlor	80		77		30-150	4		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		75		30-150	A
Decachlorobiphenyl	67		65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	B
Decachlorobiphenyl	92		85		30-150	B

METALS

Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-01

Date Collected: 05/17/19 09:10

Client ID: SOIL-WC102

Date Received: 05/17/19

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/19 16:26

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.020	J	mg/l	1.00	0.019	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Barium, TCLP	0.929		mg/l	0.500	0.021	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/20/19 16:26	05/27/19 14:15	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	05/20/19 18:50	05/21/19 17:36	EPA 3015	1,6010D	AB



Project Name: COYNE TEXTILE**Lab Number:** L1920945**Project Number:** 33525**Report Date:** 05/28/19**SAMPLE RESULTS**

Lab ID: L1920945-02

Date Collected: 05/17/19 09:00

Client ID: SOIL-WC103

Date Received: 05/17/19

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/19 16:26

Matrix: Soil

Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.033	J	mg/l	1.00	0.019	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Barium, TCLP	0.468	J	mg/l	0.500	0.021	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Lead, TCLP	0.116	J	mg/l	0.500	0.027	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/20/19 16:26	05/27/19 14:20	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	05/20/19 18:50	05/21/19 17:41	EPA 3015	1,6010D	AB



Project Name: COYNE TEXTILE

Lab Number: L1920945

Project Number: 33525

Report Date: 05/28/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-02 Batch: WG1239144-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/20/19 16:26	05/27/19 14:07	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 05/18/19 12:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-02 Batch: WG1239198-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Barium, TCLP	0.052	J	mg/l	0.500	0.021	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	05/20/19 18:50	05/21/19 15:56	1,6010D	AB

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/18/19 12:39

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1239144-2								
Mercury, TCLP	90		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1239198-2								
Arsenic, TCLP	107		-		75-125	-		20
Barium, TCLP	96		-		75-125	-		20
Cadmium, TCLP	100		-		75-125	-		20
Chromium, TCLP	98		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Selenium, TCLP	110		-		75-125	-		20
Silver, TCLP	97		-		75-125	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: COYNE TEXTILE

Lab Number: L1920945

Project Number: 33525

Report Date: 05/28/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1239144-3 QC Sample: L1900005-142 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0224	89		-	-		80-120	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1239198-3 QC Sample: L1920912-01 Client ID: MS Sample												
Arsenic, TCLP	0.035J	1.2	1.30	108		-	-		75-125	-		20
Barium, TCLP	0.462J	20	21.8	109		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.584	114		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.15	108		-	-		75-125	-		20
Lead, TCLP	1.08	5.1	5.44	85		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.33	111		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.534	107		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1239144-4 QC Sample: L1900005-142 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1239198-4 QC Sample: L1920912-01 Client ID: DUP Sample						
Arsenic, TCLP	0.035J	ND	mg/l	NC		20
Barium, TCLP	0.462J	0.463J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	1.08	1.08	mg/l	0		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

SAMPLE RESULTS

Lab ID: L1920945-01

Client ID: SOIL-WC102

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10

Date Received: 05/17/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Test Material Information

Source of Material: Unknown

Description of Material: Non-Metallic - Damp Soil

Particle Size: Medium

Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/20/19 07:00	1,1030	GD



Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

SAMPLE RESULTS

Lab ID: L1920945-02

Client ID: SOIL-WC103

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00

Date Received: 05/17/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Test Material Information

Source of Material: Unknown

Description of Material: Non-Metallic - Damp Soil

Particle Size: Medium

Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/20/19 07:00	1,1030	GD



Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

SAMPLE RESULTS

Lab ID: L1920945-01

Client ID: SOIL-WC102

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:10

Date Received: 05/17/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	05/18/19 13:40	121,2540G	RI
pH (H)	8.0		SU	-	NA	1	-	05/20/19 06:15	1,9045D	EJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:35	125,7.3	KF
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:26	125,7.3	KF



Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

SAMPLE RESULTS

Lab ID: L1920945-02

Client ID: SOIL-WC103

Sample Location: 190 CORTLAND AVE., SYRACUSE, NY

Date Collected: 05/17/19 09:00

Date Received: 05/17/19

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.5		%	0.100	NA	1	-	05/18/19 13:40	121,2540G	RI
pH (H)	7.0		SU	-	NA	1	-	05/20/19 06:15	1,9045D	EJ
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:35	125,7.3	KF
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:27	125,7.3	KF



Project Name: COYNE TEXTILE

Lab Number: L1920945

Project Number: 33525

Report Date: 05/28/19

Method Blank Analysis

Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1238886-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:23	125,7.3	KF
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1238887-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/20/19 01:06	05/20/19 02:30	125,7.3	KF

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE

Project Number: 33525

Lab Number: L1920945

Report Date: 05/28/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1238886-2								
Sulfide, Reactive	89		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1238887-2								
Cyanide, Reactive	74		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1238913-1								
pH	100		-		99-101	-		

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1920945
Report Date: 05/28/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1238655-1 QC Sample: L1920969-01 Client ID: DUP Sample						
Solids, Total	85.9	86.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1238886-3 QC Sample: L1920945-02 Client ID: SOIL-WC103						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1238887-3 QC Sample: L1920945-02 Client ID: SOIL-WC103						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1238913-2 QC Sample: L1920848-01 Client ID: DUP Sample						
pH	8.4	8.2	SU	2		5

Project Name: COYNE TEXTILE
Project Number: 33525

Serial_No:05281911:32
Lab Number: L1920945
Report Date: 05/28/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1920945-01A	Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8082(14)
L1920945-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.1	Y	Absent		TCLP-EXT-ZHE(14)
L1920945-01C	Plastic 2oz unpreserved for TS	A	NA		4.1	Y	Absent		TS(7)
L1920945-01D	Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-01E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-01F	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-01G	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-01S	Vial unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-VOA(14)
L1920945-01T	Vial unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-VOA(14)
L1920945-01W	Amber 1000ml unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1920945-01X9	Tumble Vessel	A	NA		4.1	Y	Absent		-
L1920945-01Z	Plastic 120ml HNO3 preserved Extracts	A	NA		4.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1920945-02A	Glass 60mL/2oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8082(14)
L1920945-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.1	Y	Absent		TCLP-EXT-ZHE(14)
L1920945-02D	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-02E	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-02F	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-02G	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),REACTCN(14)
L1920945-02S	Vial unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-VOA(14)

Project Name: COYNE TEXTILE
Project Number: 33525

Serial_No:05281911:32
Lab Number: L1920945
Report Date: 05/28/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1920945-02T	Vial unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-VOA(14)
L1920945-02W	Amber 1000ml unpreserved Extracts	A	NA		4.1	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1920945-02X9	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		-
L1920945-02Z	Plastic 120ml HNO3 preserved Extracts	A	NA		4.1	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)

Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

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

Terms

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

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: COYNE TEXTILE
Project Number: 33525

Lab Number: L1920945
Report Date: 05/28/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

[illegible]



ANALYTICAL REPORT

Lab Number:	L1927834
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Meghan Platt
Phone:	(315) 471-3920
Project Name:	COYNE TEXTILE SERVICES
Project Number:	33525
Report Date:	07/01/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927834-01	SOIL-WC104	SOIL	140 CORTLAND AVE.	06/25/19 14:00	06/25/19

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Case Narrative (continued)

Report Submission

July 01, 2019: This final report includes the results of all requested analyses.

June 28, 2019: This is a preliminary report.

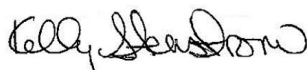
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

PCBs

WG1252777: An MS/MSD was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the native sample would have caused the spike compounds to be diluted below the range of calibration.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/01/19

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/27/19 12:07
Analyst: MM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	82		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	100		70-130
dibromofluoromethane	94		70-130

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 06/27/19 11:00
 Analyst: MM
 TCLP/SPLP Extraction Date: 06/26/19 13:25

Extraction Date: 06/26/19 13:25

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1254227-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1254227-3 WG1254227-4								
Chloroform	95		91		70-130	4		20
Carbon tetrachloride	95		89		63-132	7		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		99		75-130	1		25
1,2-Dichloroethane	84		79		70-130	6		20
Benzene	95		84		70-130	12		25
Vinyl chloride	93		87		55-140	7		20
1,1-Dichloroethene	83		77		61-145	8		25
Trichloroethene	100		98		70-130	2		25
1,4-Dichlorobenzene	110		100		70-130	10		20
2-Butanone	80		75		63-138	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		81		70-130
Toluene-d8	88		97		70-130
4-Bromofluorobenzene	86		87		70-130
dibromofluoromethane	100		96		70-130

SEMIVOLATILES

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/29/19 03:36
Analyst: JG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/19 14:22

Extraction Method: EPA 3510C
Extraction Date: 06/28/19 07:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	39		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	44		33-120

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 06/29/19 00:39
 Analyst: JG
 TCLP/SPLP Extraction Date: 06/25/19 21:02

Extraction Method: EPA 3510C
 Extraction Date: 06/28/19 07:37

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1254303-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	40		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	49		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1254303-2 WG1254303-3								
Hexachlorobenzene	47		42		40-140	11		30
2,4-Dinitrotoluene	61		54		40-132	12		30
Hexachlorobutadiene	42		38		28-111	10		30
Hexachloroethane	48		43		21-105	11		30
Nitrobenzene	59		53		40-140	11		30
2,4,6-Trichlorophenol	50		44		30-130	13		30
Pentachlorophenol	43		38		9-103	12		30
2-Methylphenol	55		49		30-130	12		30
3-Methylphenol/4-Methylphenol	59		52		30-130	13		30
2,4,5-Trichlorophenol	49		45		30-130	9		30
Pyridine	16		12		10-66	29		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		48		21-120
Phenol-d6	55		48		10-120
Nitrobenzene-d5	64		56		23-120
2-Fluorobiphenyl	46		40		15-120
2,4,6-Tribromophenol	52		45		10-120
4-Terphenyl-d14	50		43		33-120

PCBS

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/27/19 17:17
Analyst: WR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/19 09:36
Cleanup Method: EPA 3665A
Cleanup Date: 06/26/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/27/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.76	1	A
Aroclor 1232	ND		ug/kg	37.5	7.95	1	A
Aroclor 1242	ND		ug/kg	37.5	5.05	1	A
Aroclor 1248	8.96	JP	ug/kg	37.5	5.62	1	B
Aroclor 1254	8.81	J	ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.93	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	17.8	J	ug/kg	37.5	3.33	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/25/19 23:40
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 06/25/19 12:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/25/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/25/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1252777-1						
Aroclor 1016	ND		ug/kg	31.4	2.79	A
Aroclor 1221	ND		ug/kg	31.4	3.14	A
Aroclor 1232	ND		ug/kg	31.4	6.65	A
Aroclor 1242	ND		ug/kg	31.4	4.23	A
Aroclor 1248	ND		ug/kg	31.4	4.71	A
Aroclor 1254	ND		ug/kg	31.4	3.43	A
Aroclor 1260	ND		ug/kg	31.4	5.80	A
Aroclor 1262	ND		ug/kg	31.4	3.99	A
Aroclor 1268	ND		ug/kg	31.4	3.25	A
PCBs, Total	ND		ug/kg	31.4	2.79	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1252777-2 WG1252777-3									
Aroclor 1016	55		50		40-140	10		50	A
Aroclor 1260	52		49		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		48		30-150	A
Decachlorobiphenyl	56		52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		48		30-150	B
Decachlorobiphenyl	54		48		30-150	B

PESTICIDES

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/29/19 01:27
Analyst: KEG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 06/26/19 14:22

Extraction Method: EPA 3510C
Extraction Date: 06/28/19 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		30-150	A
Decachlorobiphenyl	124		30-150	A
2,4,5,6-Tetrachloro-m-xylene	120		30-150	B
Decachlorobiphenyl	155	Q	30-150	B

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
 Client ID: SOIL-WC104
 Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
 Date Received: 06/25/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/28/19 16:50
 Analyst: KEG
 Percent Solids: 85%
 TCLP/SPLP Ext. Date: 06/26/19 14:22
 Methylation Date: 06/28/19 07:07

Extraction Method: EPA 8151A
 Extraction Date: 06/27/19 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	58		30-150	B

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
 Analytical Date: 06/28/19 15:35
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/26/19 06:18
 Methylation Date: 06/28/19 07:07

Extraction Method: EPA 8151A
 Extraction Date: 06/27/19 14:58

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1253987-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	46		30-150	A
DCAA	40		30-150	B

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 06/29/19 00:36
 Analyst: KEG
 TCLP/SPLP Extraction Date: 06/25/19 21:02

Extraction Method: EPA 3510C
 Extraction Date: 06/28/19 07:39

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1254301-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	121		30-150	A
Decachlorobiphenyl	134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	120		30-150	B
Decachlorobiphenyl	170	Q	30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1253987-2 WG1253987-3									
2,4-D	166	Q	96		30-150	53	Q	25	A
2,4,5-TP (Silvex)	41		43		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	44		51		30-150	A
DCAA	36		42		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1254301-2 WG1254301-3									
Lindane	110		140		30-150	24	Q	20	A
Heptachlor	103		131		30-150	24	Q	20	A
Heptachlor epoxide	108		138		30-150	24	Q	20	A
Endrin	110		142		30-150	25	Q	20	A
Methoxychlor	93		118		30-150	24	Q	20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		121		30-150	A
Decachlorobiphenyl	107		137		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		122		30-150	B
Decachlorobiphenyl	135		176	Q	30-150	B

METALS

Project Name: COYNE TEXTILE SERVICES**Lab Number:** L1927834**Project Number:** 33525**Report Date:** 07/01/19**SAMPLE RESULTS**

Lab ID: L1927834-01

Date Collected: 06/25/19 14:00

Client ID: SOIL-WC104

Date Received: 06/25/19

Sample Location: 140 CORTLAND AVE.

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/26/19 14:22

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC
Barium, TCLP	0.380	J	mg/l	0.500	0.021	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/19 09:40	06/28/19 15:18	EPA 3015	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/28/19 09:15	06/28/19 12:00	EPA 7470A	1,7470A	GD
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/19 09:40	06/28/19 13:08	EPA 3015	1,6010D	LC



Project Name: COYNE TEXTILE SERVICES

Lab Number: L1927834

Project Number: 33525

Report Date: 07/01/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1254314-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC
Barium, TCLP	ND		mg/l	0.500	0.021	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC
Chromium, TCLP	ND		mg/l	0.200	0.021	1	06/28/19 09:40	06/28/19 14:47	1,6010D	LC
Lead, TCLP	ND		mg/l	0.500	0.027	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC
Selenium, TCLP	ND		mg/l	0.500	0.035	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC
Silver, TCLP	ND		mg/l	0.100	0.028	1	06/28/19 09:40	06/28/19 12:42	1,6010D	LC

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 06/25/19 21:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1254371-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/28/19 09:15	06/28/19 11:57	1,7470A	GD

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 06/25/19 21:02

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1254314-2								
Arsenic, TCLP	108		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	105		-		75-125	-		20
Chromium, TCLP	102		-		75-125	-		20
Lead, TCLP	104		-		75-125	-		20
Selenium, TCLP	111		-		75-125	-		20
Silver, TCLP	90		-		75-125	-		20

TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1254371-2

Mercury, TCLP	101		-		80-120	-		
---------------	-----	--	---	--	--------	---	--	--

Matrix Spike Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1254314-3 QC Sample: L1927797-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.32	110		-	-		75-125	-		20
Barium, TCLP	0.291J	20	20.4	102		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.542	106		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.06	103		-	-		75-125	-		20
Lead, TCLP	0.144J	5.1	5.55	109		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.39	116		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.454	91		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1254371-3 QC Sample: L1927834-01 Client ID: SOIL-WC104												
Mercury, TCLP	ND	0.025	0.0242	97		-	-		80-120	-		20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1254314-4 QC Sample: L1927797-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.291J	0.350J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.144J	0.181J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1254314-4 QC Sample: L1927797-01 Client ID: DUP Sample						
Chromium, TCLP	ND	0.021J	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1254371-4 QC Sample: L1927834-01 Client ID: SOIL-WC104						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/27/19 05:00	1,1030	GD



Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

SAMPLE RESULTS

Lab ID: L1927834-01
Client ID: SOIL-WC104
Sample Location: 140 CORTLAND AVE.

Date Collected: 06/25/19 14:00
Date Received: 06/25/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	06/26/19 08:47	121,2540G	RI
pH (H)	10.2		SU	-	NA	1	-	06/26/19 21:26	1,9045D	AS
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/26/19 23:53	06/27/19 01:42	125,7.3	KF
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/26/19 23:53	06/27/19 01:28	125,7.3	KF



Project Name: COYNE TEXTILE SERVICES

Lab Number: L1927834

Project Number: 33525

Report Date: 07/01/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1253594-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/26/19 23:53	06/27/19 01:26	125,7.3	KF
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1253595-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/26/19 23:53	06/27/19 01:41	125,7.3	KF

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 33525

Lab Number: L1927834

Report Date: 07/01/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1253539-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1253594-2								
Sulfide, Reactive	100		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1253595-2								
Cyanide, Reactive	80		-		30-125	-		40

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1927834
Report Date: 07/01/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1253167-1 QC Sample: L1924473-23 Client ID: DUP Sample						
Solids, Total	59.2	59.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1253539-2 QC Sample: L1927834-01 Client ID: SOIL-WC104						
pH (H)	10.2	10.2	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1253594-3 QC Sample: L1927983-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1253595-3 QC Sample: L1927983-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Serial_No:07011912:37
Lab Number: L1927834
Report Date: 07/01/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1927834-01A	Glass 60mL/2oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		TCLP-EXT-ZHE(14)
L1927834-01C	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01D	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01E	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01F	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01G	Glass 120ml/4oz unpreserved	A	NA		4.3	Y	Absent		IGNIT-1030(14),REACTS(14),TS(7),PH-9045(1),NYTCL-8082(14),REACTCN(14)
L1927834-01T	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L1927834-01U	Vial unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-VOA(14)
L1927834-01W	Amber 1000ml unpreserved Extracts	A	NA		4.3	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)
L1927834-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1927834-01X9	Tumble Vessel	A	NA		4.3	Y	Absent		-

Project Name: COYNE TEXTILE SERVICES**Lab Number:** L1927834**Project Number:** 33525**Report Date:** 07/01/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name: COYNE TEXTILE SERVICES**Lab Number:** L1927834**Project Number:** 33525**Report Date:** 07/01/19

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: COYNE TEXTILE SERVICES
Project Number: 33525

Lab Number: L1927834
Report Date: 07/01/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1	Date Rec'd in Lab 6/26/19	ALPHA Job # 11927834												
	Project Information Project Name: <u>Loyne Textile Services</u> Project Location: <u>140 Cortland Ave</u> Project # <u>33525</u> (Use Project name as Project #) ☐ Project Manager: <u>Meghan Platt</u> ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☒ # of Days: <u>3</u>		Deliverables ☐ ASP ☐ E6 ☐ Other Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge	Billing Info													
Client Information Client: <u>Ranalli/Taylor</u> Address: Phone: <u>315-257-7250</u> Fax: Email: <u>kehmann@cha.companies.com</u>		These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>3 day TAT, please!</u> Please specify Metals or TAL.			Disposal Facility: ☐ NJ ☒ NY ☐ Other:												
ALPHA Lab ID (Lab Use Only) <u>218340</u>		Sample ID <u>SOIL-WC104</u>		Collection Date Time <u>6/25/19 1400</u>		Sample Matrix <u>SOIL</u>		Sampler's Initials <u>KE</u>		ANALYSIS TCLP VOC ☒ TCLP SVOC ☒ TCLP PRA & Metals ☒ TCLP Pesticides ☒ TCLP Herbicides ☒ Haz. Wast. Char. ☒ Total PCBs ☒							Sample Filtration ☐ Done ☐ Lab to do ☐ Lab to do (Please Specify below)
										Sample Specific Comments							
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		A A A A A A A A A A A A A A							Please print clearly, legible and completely. Samples not be logged in and turnaround time clock will start until any ambiguity is resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREED TO BE BOUND BY ALPHA TERMS & CONDITIONS (See reverse side.)		
Relinquished By: <u>Jonathan Miller</u> <u>Theresa King</u>		Date/Time <u>6/25/2019 1515</u> <u>6/25/19 2245</u>		Received By: <u>Theresa King</u> <u>[Signature]</u>		Date/Time <u>6/25/19 1930</u> <u>6/26/19 01:25</u>											



Life Science Laboratories, Inc.

Ranalli / Taylor Street
1200 State Fair Blvd
Syracuse, NY 13209

Phone: (315) 350-4822

Laboratory Analysis Report

Prepared For

Ranalli / Taylor Street

LSL Project ID: 1906268

Receive Date/Time: 05/03/19 12:15

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody and the Sample Receipt documents submitted with these samples are considered by LSL to be an appendix of this report and may contain data qualifiers and specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

LSL Central Lab
5854 Butternut Drive
East Syracuse, NY 13057
Tel. (315) 445-1900
Fax (315) 445-1104
NYS DOH ELAP #10248

LSL North Lab
131 St. Lawrence Avenue
Waddington, NY 13694
Tel. (315) 388-4476
Fax (315) 388-4061
NYS DOH ELAP #10900

LSL Finger Lakes Lab
16 N. Main St., PO Box 424
Wayland, NY 14572
Tel. (585) 728-3320
Fax (585) 728-2711
NYS DOH ELAP #11667

LSL Southern Tier Office
Cuba, NY
Tel. (585) 209-4032

LSL MidLakes Office
Canandaigua, NY
Tel. (585) 728-3320

Reviewed by:

Date:

5/13/19

David J. Prichard, Director of Tech. Services

A copy of this report was sent to:

Page 1 of 5

Date Printed:

5/13/19

- - LABORATORY ANALYSIS REPORT - -

Ranalli / Taylor Street Syracuse, NY

Sample ID:	Out Side Tank Soil	LSL Sample ID:	1906268-002
Location:			
Sampled:	05/03/19 11:00	Sampled By:	JR
Sample Matrix:	SHW as Recd, Soil		

Analytical Method	Result	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte		Units			
(1) Corrosivity as pH, EPA 9045D					
Corrosivity as pH	8.5	Std Units		5/7/19	HKB
(1) EPA 1010A Ignitability					
Ignitability	>60	Degrees C		5/7/19	MM2
(1) EPA 1311 TCLP Extraction					
TCLP Non-Volatile Extraction				5/8/19	EP
(1) EPA 1311 TCLP Z.H. Extraction					
TCLP Zero Headspace Extraction				5/7/19	AIS
(1) EPA 6010C TCLP Metals		EPA 3010A			
Please refer to the next page					MT
(1) EPA 7470A TCLP Mercury		EPA 7470A			
Please refer to the next page					MT
(1) EPA 8081B TCLP Pesticides		EPA 3510C			
gamma-BHC (Lindane)	<0.01	mg/l	5/9/19	5/10/19	CRT
Chlordane, Total	<0.02	mg/l	5/9/19	5/10/19	CRT
Endrin	<0.01	mg/l	5/9/19	5/10/19	CRT
Heptachlor	<0.005	mg/l	5/9/19	5/10/19	CRT
Heptachlor epoxide	<0.005	mg/l	5/9/19	5/10/19	CRT
Methoxychlor	<0.05	mg/l	5/9/19	5/10/19	CRT
Toxaphene	<0.4	mg/l	5/9/19	5/10/19	CRT
Surrogate (TCMX)	67	%R	5/9/19	5/10/19	CRT
(1) EPA 8082A PCBs		EPA 3550C			
Aroclor-1016	<0.8	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1221	<0.8	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1232	<0.8	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1242	<0.8	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1248	3.9	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1254	<0.8	mg/kg	5/7/19	5/8/19	CRT
Aroclor-1260	<0.8	mg/kg	5/7/19	5/8/19	CRT
Surrogate (DCB)	95	%R	5/7/19	5/8/19	CRT
(1) EPA 8151A TCLP Herbicides		EPA 3510C			
2,4-D	<0.01	mg/l	5/10/19	5/13/19	CRT
2,4,5-TP (Silvex)	<0.01	mg/l	5/10/19	5/13/19	CRT
Surrogate (DCAA)	84	%R	5/10/19	5/13/19	CRT
(1) EPA 8260C TCLP Volatiles		EPA 5030C			
Benzene	<0.05	mg/l		5/8/19	AIS
Carbon tetrachloride	<0.05	mg/l		5/8/19	AIS
Chlorobenzene	<0.05	mg/l		5/8/19	AIS
Chloroform	<0.05	mg/l		5/8/19	AIS
1,4-Dichlorobenzene	<0.05	mg/l		5/8/19	AIS

Analysis performed at: (1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab



Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: Life Science Labs-LIMS
Project: Ranalli / Taylor Street
W Order: 1906268
Matrix: SOIL

Lab ID: 1906268-002A
Client Sample ID: *Out Side Tank Soil*
Collection Date: 05/03/19 11:00
Date Received: 05/03/19 12:15

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
TCLP MERCURY			SW7470A		(SW7470A)
Mercury	ND		0.00040 mg/L	1	05/13/19 14:31

TCLP METALS BY ICP			SW6010C		(SW3010A)
Arsenic	ND		0.50 mg/L	1	05/13/19 11:50
Barium	0.76		0.50 mg/L	1	05/13/19 11:50
Cadmium	ND		0.10 mg/L	1	05/13/19 11:50
Chromium	ND		0.50 mg/L	1	05/13/19 11:50
Lead	ND		0.50 mg/L	1	05/13/19 11:50
Selenium	ND		0.20 mg/L	1	05/13/19 11:50
Silver	ND		0.50 mg/L	1	05/13/19 11:50

Qualifiers:	* Value may exceed the Acceptable Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

- - LABORATORY ANALYSIS REPORT - -

Ranalli / Taylor Street Syracuse, NY

Sample ID:	Out Side Tank Soil	LSL Sample ID:	1906268-002
Location:			
Sampled:	05/03/19 11:00	Sampled By:	JR
Sample Matrix:	SHW as Recd, Soil		

Analytical Method	Result	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
Analyte	Units				
(1) EPA 8260C TCLP Volatiles					
		EPA 5030C			
1,2-Dichloroethane	<0.05 mg/l			5/8/19	AIS
1,1-Dichloroethene	<0.05 mg/l			5/8/19	AIS
2-Butanone (MEK)	<0.1 mg/l			5/8/19	AIS
Tetrachloroethene	0.18 mg/l			5/8/19	AIS
Trichloroethene	<0.05 mg/l			5/8/19	AIS
Vinyl chloride	<0.1 mg/l			5/8/19	AIS
Surrogate (1,2-DCA-d4)	113 %R			5/8/19	AIS
Surrogate (Tol-d8)	90 %R			5/8/19	AIS
Surrogate (4-BFB)	97 %R			5/8/19	AIS
(1) EPA 8270D TCLP Semi-Volatiles					
		EPA 3510C			
Cresol, Total	<0.05 mg/l		5/9/19	5/10/19	AIS
2,4-Dinitrotoluene	<0.05 mg/l		5/9/19	5/10/19	AIS
Hexachlorobenzene	<0.05 mg/l		5/9/19	5/10/19	AIS
Hexachlorobutadiene	<0.05 mg/l		5/9/19	5/10/19	AIS
Hexachloroethane	<0.05 mg/l		5/9/19	5/10/19	AIS
Nitrobenzene	<0.05 mg/l		5/9/19	5/10/19	AIS
Pentachlorophenol	<0.1 mg/l		5/9/19	5/10/19	AIS
Pyridine	<0.1 mg/l		5/9/19	5/10/19	AIS
2,4,5-Trichlorophenol	<0.05 mg/l		5/9/19	5/10/19	AIS
2,4,6-Trichlorophenol	<0.05 mg/l		5/9/19	5/10/19	AIS
Surrogate (2-Fluorophenol)	48 %R		5/9/19	5/10/19	AIS
Surrogate (Phenol-d5)	31 %R		5/9/19	5/10/19	AIS
Surrogate (2,4,6-Tribromophenol)	85 %R		5/9/19	5/10/19	AIS
Surrogate (Nitrobenzene-d5)	65 %R		5/9/19	5/10/19	AIS
Surrogate (2-Fluorobiphenyl)	57 %R		5/9/19	5/10/19	AIS
Surrogate (Terphenyl-d14)	89 %R		5/9/19	5/10/19	AIS
(1) EPA 9012B Reactive Cyanide					
		SW846 Ch.7, Sec. 7.3			
Reactive Cyanide	< 50 mg/kg			5/8/19	JJC
<i>This analysis is not certifiable by the NYS DOH ELAP.</i>					
(1) EPA 9034 Reactive Sulfide					
		SW846 Ch.7, Sec. 7.3			
Reactive Sulfide	<50 mg/kg		5/7/19	5/8/19	HKB
<i>As per NELAC regulation disclosure of the following condition is required; The result of the laboratory control sample was less than the established limit.</i>					
<i>This analysis is not certifiable by the NYS DOH ELAP.</i>					
(1) SW846 Ch.7, Sec. 7.3 Reactivity Distillation					
Reactivity Distillation			5/7/19	5/7/19	HKB

Analysis performed at: (1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab

5854 Butternut Drive
East Syracuse, NY 13057

Chain of Custody I 1906268

Phone # (315) 445-1900 Telefax # (315) 445-1104

Invoiced_Client 0100

Client: Ravalli/Taylor Street Phone # 315-350-4822

Address: 1200 State Fair Fax #

Blue Syracuse NY 13209

James C United Auto Supply com

Authorization:

Lab Use Only) LSL Sample Number	Client's Sample Identifications	Sample Date	Sample Time	Sample Type	Matrix	Preserv. Added	Containers		Analyses	Free Cl (mg/L)	Pres. Check
							#	size/type			
001	Ins tank Soil	5/3	11 AM	X	Soil				Full TCLP + charac.		
002	out side Tank Soil	5/3	11 AM	X	Soil				Full TCLP + Characteristic		
									For both samples:		
									TCLP VOC, SVOC,		
									RCRA 8 Metals, PCB		
									Reactivity, Corrosivity		
									TCLP Herbs + Pests		
									Ignitability		

Notes and Hazard Identifications:

Notes and Hazard Identifications:

RUSH - 1 Week

Samples Received
On Ice

PLEASE FILL OUT COMPLETELY

SAMPLES MUST BE RECEIVED ON ICE

Custody Transfers

Sampled and Relinquished By:

Print Name: James P. Ravalli Signature: [Signature]

Received By:

Received By:

Received for Lab By: R.D. [Signature]

Shipment Method:

Samples Received Intact: Y N

100

PAID

check # 1-2181-25

Client's Site I.D.:

Ravalli/Taylor Street

Client's Project I.D.:

Date

5/3/19

12:15 PM

Date

5/3/19

12:15

APPENDIX E

Summary of Community Air Monitoring Data

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/24/19 7:58 AM						
60	7:58:56 AM	0.022	0.011	Dustrak started before PID		
120	7:59:56 AM	0.01	0.010			
180	8:00:56 AM	0.01	0.010			
240	8:01:56 AM	0.009	0.010			
300	8:02:56 AM	0.01	0.010			
360	8:03:56 AM	0.01	0.010			
420	8:04:56 AM	0.01	0.010			
480	8:05:56 AM	0.01	0.010			
540	8:06:56 AM	0.009	0.010			
600	8:07:56 AM	0.019	0.010			
660	8:08:56 AM	0.009	0.009			
720	8:09:56 AM	0.01	0.009	0.9	1.1	0.2
780	8:10:56 AM	0.009	0.009	0.8	0.9	0.1
840	8:11:56 AM	0.009	0.009	0.8	0.8	0.1
900	8:12:56 AM	0.009	0.009	0.6	0.8	0.0
960	8:13:56 AM	0.009	0.010	0.0	0.0	0.0
1020	8:14:56 AM	0.01	0.010	0.0	0.0	0.0
1080	8:15:56 AM	0.01	0.009	0.0	0.0	0.0
1140	8:16:56 AM	0.009	0.010	0.0	0.0	0.0
1200	8:17:56 AM	0.009	0.010	0.0	0.0	0.0
1260	8:18:56 AM	0.009	0.010	0.0	0.0	0.0
1320	8:19:56 AM	0.009	0.010	0.0	0.0	0.0
1380	8:20:56 AM	0.009	0.010	0.0	0.0	0.0
1440	8:21:56 AM	0.009	0.010	0.0	0.0	0.0
1500	8:22:56 AM	0.01	0.010	0.0	0.0	0.0
1560	8:23:56 AM	0.01	0.010	0.0	0.0	0.0
1620	8:24:56 AM	0.01	0.010	0.0	0.0	0.0
1680	8:25:56 AM	0.009	0.010	0.0	0.0	0.0
1740	8:26:56 AM	0.01	0.010	0.0	0.0	0.0
1800	8:27:56 AM	0.011	0.010	0.0	0.0	0.0
1860	8:28:56 AM	0.009	0.010	0.0	0.0	0.0
1920	8:29:56 AM	0.009	0.010	0.0	0.0	0.0
1980	8:30:56 AM	0.012	0.010	0.0	0.0	0.0
2040	8:31:56 AM	0.01	0.010	0.0	0.0	0.0
2100	8:32:56 AM	0.009	0.010	0.0	0.0	0.0
2160	8:33:56 AM	0.01	0.010	0.0	0.0	0.0
2220	8:34:56 AM	0.01	0.010	0.0	0.0	0.0
2280	8:35:56 AM	0.011	0.010	0.0	0.0	0.0
2340	8:36:56 AM	0.011	0.010	0.0	0.0	0.0
2400	8:37:56 AM	0.009	0.010	0.0	0.0	0.0
2460	8:38:56 AM	0.009	0.010	0.0	0.0	0.0
2520	8:39:56 AM	0.01	0.010	0.0	0.0	0.0
2580	8:40:56 AM	0.009	0.010	0.0	0.0	0.0
2640	8:41:56 AM	0.01	0.010	0.0	0.0	0.0
2700	8:42:56 AM	0.011	0.010	0.0	0.0	0.0
2760	8:43:56 AM	0.009	0.010	0.0	0.0	0.0
2820	8:44:56 AM	0.009	0.010	0.0	0.0	0.0
2880	8:45:56 AM	0.009	0.010	0.0	0.0	0.0
2940	8:46:56 AM	0.01	0.010	0.0	0.0	0.0
3000	8:47:56 AM	0.011	0.010	0.0	0.0	0.0
3060	8:48:56 AM	0.012	0.010	0.0	0.0	0.0
3120	8:49:56 AM	0.014	0.009	0.0	0.0	0.0
3180	8:50:56 AM	0.012	0.009	0.0	0.0	0.0
3240	8:51:56 AM	0.012	0.009	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	8:52:56 AM	0.009	0.008	0.0	0.0	0.0
3360	8:53:56 AM	0.009	0.008	0.0	0.0	0.0
3420	8:54:56 AM	0.008	0.008	0.0	0.0	0.0
3480	8:55:56 AM	0.008	0.008	0.0	0.0	0.0
3540	8:56:56 AM	0.009	0.008	0.0	0.0	0.0
3600	8:57:56 AM	0.009	0.008	0.0	0.0	0.0
3660	8:58:56 AM	0.009	0.008	0.0	0.0	0.0
3720	8:59:56 AM	0.009	0.008	0.0	0.0	0.0
3780	9:00:56 AM	0.009	0.008	0.0	0.0	0.0
3840	9:01:56 AM	0.008	0.008	0.0	0.0	0.0
3900	9:02:56 AM	0.008	0.008	0.0	0.0	0.0
3960	9:03:56 AM	0.008	0.009	0.0	0.0	0.0
4020	9:04:56 AM	0.008	0.009	0.0	0.0	0.0
4080	9:05:56 AM	0.008	0.009	0.0	0.0	0.0
4140	9:06:56 AM	0.008	0.009	0.0	0.0	0.0
4200	9:07:56 AM	0.008	0.009	0.0	0.0	0.0
4260	9:08:56 AM	0.008	0.009	0.0	0.0	0.0
4320	9:09:56 AM	0.008	0.009	0.0	0.0	0.0
4380	9:10:56 AM	0.008	0.009	0.0	0.0	0.0
4440	9:11:56 AM	0.009	0.009	0.0	0.0	0.0
4500	9:12:56 AM	0.008	0.009	0.0	0.0	0.0
4560	9:13:56 AM	0.009	0.009	0.0	0.0	0.0
4620	9:14:56 AM	0.01	0.009	0.0	0.0	0.0
4680	9:15:56 AM	0.01	0.009	0.0	0.0	0.0
4740	9:16:56 AM	0.009	0.009	0.0	0.0	0.0
4800	9:17:56 AM	0.01	0.009	0.0	0.0	0.0
4860	9:18:56 AM	0.009	0.009	0.0	0.0	0.0
4920	9:19:56 AM	0.011	0.009	0.0	0.0	0.0
4980	9:20:56 AM	0.009	0.008	0.0	0.0	0.0
5040	9:21:56 AM	0.009	0.008	0.0	0.0	0.0
5100	9:22:56 AM	0.01	0.008	0.0	0.0	0.0
5160	9:23:56 AM	0.009	0.008	0.0	0.0	0.0
5220	9:24:56 AM	0.009	0.008	0.0	0.0	0.0
5280	9:25:56 AM	0.008	0.008	0.0	0.0	0.0
5340	9:26:56 AM	0.008	0.008	0.0	0.0	0.0
5400	9:27:56 AM	0.008	0.008	0.0	0.0	0.0
5460	9:28:56 AM	0.008	0.008	0.0	0.0	0.0
5520	9:29:56 AM	0.008	0.008	0.0	0.0	0.0
5580	9:30:56 AM	0.008	0.008	0.0	0.0	0.0
5640	9:31:56 AM	0.008	0.008	0.0	0.0	0.0
5700	9:32:56 AM	0.008	0.008	0.0	0.0	0.0
5760	9:33:56 AM	0.008	0.008	0.0	0.0	0.0
5820	9:34:56 AM	0.009	0.008	0.0	0.0	0.0
5880	9:35:56 AM	0.008	0.008	0.0	0.0	0.0
5940	9:36:56 AM	0.009	0.008	0.0	0.0	0.0
6000	9:37:56 AM	0.009	0.008	0.0	0.0	0.0
6060	9:38:56 AM	0.008	0.008	0.0	0.0	0.0
6120	9:39:56 AM	0.008	0.008	0.0	0.0	0.0
6180	9:40:56 AM	0.009	0.008	0.0	0.0	0.0
6240	9:41:56 AM	0.009	0.008	0.0	0.0	0.0
6300	9:42:56 AM	0.008	0.008	0.0	0.0	0.0
6360	9:43:56 AM	0.008	0.008	0.0	0.0	0.0
6420	9:44:56 AM	0.008	0.008	0.0	0.0	0.0
6480	9:45:56 AM	0.008	0.008	0.0	0.0	0.0
6540	9:46:56 AM	0.008	0.008	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	9:47:56 AM	0.008	0.008	0.0	0.0	0.0
6660	9:48:56 AM	0.008	0.008	0.0	0.0	0.0
6720	9:49:56 AM	0.009	0.008	0.0	0.0	0.0
6780	9:50:56 AM	0.008	0.008	0.0	0.0	0.0
6840	9:51:56 AM	0.008	0.008	0.0	0.0	0.0
6900	9:52:56 AM	0.008	0.008	0.0	0.0	0.0
6960	9:53:56 AM	0.008	0.008	0.0	0.0	0.0
7020	9:54:56 AM	0.008	0.008	0.0	0.0	0.0
7080	9:55:56 AM	0.008	0.008	0.0	0.0	0.0
7140	9:56:56 AM	0.008	0.008	0.0	0.0	0.0
7200	9:57:56 AM	0.009	0.008	0.0	0.0	0.0
7260	9:58:56 AM	0.009	0.008	0.0	0.0	0.0
7320	9:59:56 AM	0.008	0.008	0.0	0.0	0.0
7380	10:00:56 AM	0.008	0.008	0.0	0.0	0.0
7440	10:01:56 AM	0.008	0.008	0.0	0.0	0.0
7500	10:02:56 AM	0.008	0.009	0.0	0.0	0.0
7560	10:03:56 AM	0.008	0.009	0.0	0.0	0.0
7620	10:04:56 AM	0.008	0.009	0.0	0.0	0.0
7680	10:05:56 AM	0.008	0.009	0.0	0.0	0.0
7740	10:06:56 AM	0.01	0.009	0.0	0.0	0.0
7800	10:07:56 AM	0.009	0.009	0.0	0.0	0.0
7860	10:08:56 AM	0.008	0.009	0.0	0.0	0.0
7920	10:09:56 AM	0.008	0.009	0.0	0.0	0.0
7980	10:10:56 AM	0.008	0.009	0.0	0.0	0.0
8040	10:11:56 AM	0.008	0.009	0.0	0.0	0.0
8100	10:12:56 AM	0.009	0.009	0.0	0.0	0.0
8160	10:13:56 AM	0.009	0.009	0.0	0.0	0.0
8220	10:14:56 AM	0.009	0.009	0.0	0.0	0.0
8280	10:15:56 AM	0.009	0.009	0.0	0.0	0.0
8340	10:16:56 AM	0.012	0.009	0.0	0.0	0.0
8400	10:17:56 AM	0.009	0.009	0.0	0.0	0.0
8460	10:18:56 AM	0.009	0.009	0.0	0.0	0.0
8520	10:19:56 AM	0.009	0.009	0.0	0.0	0.0
8580	10:20:56 AM	0.008	0.009	0.0	0.0	0.0
8640	10:21:56 AM	0.009	0.009	0.0	0.0	0.0
8700	10:22:56 AM	0.008	0.009	0.0	0.0	0.0
8760	10:23:56 AM	0.009	0.009	0.0	0.0	0.0
8820	10:24:56 AM	0.008	0.009	0.0	0.0	0.0
8880	10:25:56 AM	0.008	0.010	0.0	0.0	0.0
8940	10:26:56 AM	0.008	0.010	0.0	0.0	0.0
9000	10:27:56 AM	0.009	0.010	0.0	0.0	0.0
9060	10:28:56 AM	0.011	0.010	0.0	0.0	0.0
9120	10:29:56 AM	0.009	0.010	0.0	0.0	0.0
9180	10:30:56 AM	0.008	0.010	0.0	0.0	0.0
9240	10:31:56 AM	0.008	0.010	0.0	0.0	0.0
9300	10:32:56 AM	0.008	0.010	0.0	0.0	0.0
9360	10:33:56 AM	0.008	0.010	0.0	0.0	0.0
9420	10:34:56 AM	0.01	0.010	0.0	0.0	0.0
9480	10:35:56 AM	0.012	0.010	0.0	0.0	0.0
9540	10:36:56 AM	0.014	0.010	0.0	0.0	0.0
9600	10:37:56 AM	0.01	0.010	0.0	0.0	0.0
9660	10:38:56 AM	0.01	0.010	0.0	0.0	0.0
9720	10:39:56 AM	0.01	0.010	0.0	0.0	0.0
9780	10:40:56 AM	0.009	0.010	0.0	0.0	0.0
9840	10:41:56 AM	0.008	0.010	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	10:42:56 AM	0.01	0.010	0.0	0.0	0.0
9960	10:43:56 AM	0.01	0.010	0.0	0.0	0.0
10020	10:44:56 AM	0.012	0.010	0.0	0.0	0.0
10080	10:45:56 AM	0.01	0.010	0.0	0.0	0.0
10140	10:46:56 AM	0.011	0.010	0.0	0.0	0.0
10200	10:47:56 AM	0.008	0.010	0.0	0.0	0.0
10260	10:48:56 AM	0.009	0.010	0.0	0.0	0.0
10320	10:49:56 AM	0.012	0.010	0.0	0.0	0.0
10380	10:50:56 AM	0.008	0.010	0.0	0.0	0.0
10440	10:51:56 AM	0.008	0.010	0.0	0.1	0.0
10500	10:52:56 AM	0.008	0.010	0.1	0.1	0.0
10560	10:53:56 AM	0.01	0.010	0.0	0.0	0.0
10620	10:54:56 AM	0.01	0.010	0.0	0.0	0.0
10680	10:55:56 AM	0.009	0.010	0.0	0.0	0.0
10740	10:56:56 AM	0.01	0.011	0.0	0.0	0.0
10800	10:57:56 AM	0.011	0.011	0.0	0.0	0.0
10860	10:58:56 AM	0.01	0.011	0.0	0.0	0.0
10920	10:59:56 AM	0.009	0.011	0.0	0.0	0.0
10980	11:00:56 AM	0.011	0.012	0.0	0.1	0.0
11040	11:01:56 AM	0.013	0.012	0.0	0.0	0.0
11100	11:02:56 AM	0.011	0.011	0.0	0.0	0.0
11160	11:03:56 AM	0.011	0.011	0.0	0.0	0.0
11220	11:04:56 AM	0.009	0.011	0.0	0.0	0.0
11280	11:05:56 AM	0.011	0.011	0.0	0.0	0.0
11340	11:06:56 AM	0.009	0.011	0.0	0.0	0.0
11400	11:07:56 AM	0.012	0.011	0.0	0.0	0.0
11460	11:08:56 AM	0.009	0.011	0.0	0.0	0.0
11520	11:09:56 AM	0.011	0.012	0.0	0.0	0.0
11580	11:10:56 AM	0.013	0.012	0.0	0.0	0.0
11640	11:11:56 AM	0.01	0.012	0.0	0.0	0.0
11700	11:12:56 AM	0.014	0.012	0.0	0.0	0.0
11760	11:13:56 AM	0.017	0.011	0.0	0.0	0.0
11820	11:14:56 AM	0.012	0.011	0.0	0.0	0.0
11880	11:15:56 AM	0.011	0.011	0.0	0.0	0.0
11940	11:16:56 AM	0.011	0.011	0.0	0.0	0.0
12000	11:17:56 AM	0.009	0.011	0.0	0.0	0.0
12060	11:18:56 AM	0.01	0.011	0.0	0.0	0.0
12120	11:19:56 AM	0.011	0.011	0.0	0.0	0.0
12180	11:20:56 AM	0.01	0.011	0.0	0.0	0.0
12240	11:21:56 AM	0.012	0.011	0.0	0.0	0.0
12300	11:22:56 AM	0.011	0.011	0.0	0.0	0.0
12360	11:23:56 AM	0.012	0.011	0.0	0.0	0.0
12420	11:24:56 AM	0.012	0.011	0.0	0.0	0.0
12480	11:25:56 AM	0.012	0.011	0.0	0.0	0.0
12540	11:26:56 AM	0.01	0.010	0.0	0.0	0.0
12600	11:27:56 AM	0.01	0.010	0.0	0.0	0.0
12660	11:28:56 AM	0.01	0.010	0.0	0.0	0.0
12720	11:29:56 AM	0.01	0.010	0.0	0.0	0.0
12780	11:30:56 AM	0.012	0.010	0.0	0.0	0.0
12840	11:31:56 AM	0.012	0.010	0.0	0.0	0.0
12900	11:32:56 AM	0.012	0.010	0.0	0.0	0.0
12960	11:33:56 AM	0.01	0.010	0.0	0.0	0.0
13020	11:34:56 AM	0.01	0.010	0.0	0.0	0.0
13080	11:35:56 AM	0.01	0.010	0.0	0.0	0.0
13140	11:36:56 AM	0.011	0.010	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	11:37:56 AM	0.01	0.010	0.0	0.0	0.0
13260	11:38:56 AM	0.01	0.009	0.0	0.0	0.0
13320	11:39:56 AM	0.01	0.009	0.0	0.0	0.0
13380	11:40:56 AM	0.01	0.009	0.0	0.0	0.0
13440	11:41:56 AM	0.01	0.009	0.0	0.0	0.0
13500	11:42:56 AM	0.009	0.009	0.0	0.0	0.0
13560	11:43:56 AM	0.01	0.009	0.0	0.0	0.0
13620	11:44:56 AM	0.01	0.009	0.0	0.0	0.0
13680	11:45:56 AM	0.009	0.009	0.0	0.0	0.0
13740	11:46:56 AM	0.009	0.009	0.0	0.0	0.0
13800	11:47:56 AM	0.009	0.009	0.0	0.0	0.0
13860	11:48:56 AM	0.01	0.009	0.0	0.0	0.0
13920	11:49:56 AM	0.009	0.009	0.0	0.0	0.0
13980	11:50:56 AM	0.009	0.009	0.0	0.0	0.0
14040	11:51:56 AM	0.009	0.009	0.0	0.0	0.0
14100	11:52:56 AM	0.009	0.009	0.0	0.0	0.0
14160	11:53:56 AM	0.009	0.010	0.0	0.0	0.0
14220	11:54:56 AM	0.009	0.010	0.0	0.0	0.0
14280	11:55:56 AM	0.009	0.010	0.0	0.0	0.0
14340	11:56:56 AM	0.009	0.010	0.0	0.0	0.0
14400	11:57:56 AM	0.009	0.010	0.0	0.0	0.0
14460	11:58:56 AM	0.009	0.010	0.0	0.0	0.0
14520	11:59:56 AM	0.01	0.010	0.0	0.0	0.0
14580	12:00:56 PM	0.01	0.010	0.0	0.0	0.0
14640	12:01:56 PM	0.009	0.010	0.0	0.0	0.0
14700	12:02:56 PM	0.01	0.010	0.0	0.0	0.0
14760	12:03:56 PM	0.01	0.010	0.0	0.0	0.0
14820	12:04:56 PM	0.009	0.010	0.0	0.0	0.0
14880	12:05:56 PM	0.01	0.010	0.0	0.0	0.0
14940	12:06:56 PM	0.011	0.010	0.0	0.0	0.0
15000	12:07:56 PM	0.01	0.010	0.0	0.0	0.0
15060	12:08:56 PM	0.013	0.010	0.0	0.0	0.0
15120	12:09:56 PM	0.012	0.010	0.0	0.0	0.0
15180	12:10:56 PM	0.011	0.010	0.0	0.0	0.0
15240	12:11:56 PM	0.01	0.010	0.0	0.0	0.0
15300	12:12:56 PM	0.01	0.010	0.0	0.0	0.0
15360	12:13:56 PM	0.011	0.010	0.0	0.0	0.0
15420	12:14:56 PM	0.01	0.010	0.0	0.0	0.0
15480	12:15:56 PM	0.009	0.010	0.0	0.0	0.0
15540	12:16:56 PM	0.01	0.010	0.0	0.0	0.0
15600	12:17:56 PM	0.011	0.010	0.0	0.0	0.0
15660	12:18:56 PM	0.009	0.010	0.0	0.0	0.0
15720	12:19:56 PM	0.01	0.010	0.0	0.0	0.0
15780	12:20:56 PM	0.01	0.010	0.0	0.0	0.0
15840	12:21:56 PM	0.009	0.010	0.0	0.0	0.0
15900	12:22:56 PM	0.009	0.010	0.0	0.0	0.0
15960	12:23:56 PM	0.009	0.011	0.0	0.0	0.0
16020	12:24:56 PM	0.009	0.011	0.0	0.0	0.0
16080	12:25:56 PM	0.009	0.011	0.0	0.0	0.0
16140	12:26:56 PM	0.009	0.011	0.0	0.0	0.0
16200	12:27:56 PM	0.01	0.011	0.0	0.0	0.0
16260	12:28:56 PM	0.013	0.011	0.0	0.0	0.0
16320	12:29:56 PM	0.01	0.011	0.0	0.0	0.0
16380	12:30:56 PM	0.011	0.011	0.0	0.0	0.0
16440	12:31:56 PM	0.016	0.011	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	12:32:56 PM	0.01	0.011	0.0	0.0	0.0
16560	12:33:56 PM	0.009	0.011	0.0	0.0	0.0
16620	12:34:56 PM	0.011	0.011	0.0	0.0	0.0
16680	12:35:56 PM	0.011	0.011	0.0	0.0	0.0
16740	12:36:56 PM	0.011	0.011	0.0	0.0	0.0
16800	12:37:56 PM	0.01	0.011	0.0	0.0	0.0
16860	12:38:56 PM	0.01	0.011	0.0	0.0	0.0
16920	12:39:56 PM	0.012	0.011	0.0	0.0	0.0
16980	12:40:56 PM	0.012	0.011	0.0	0.0	0.0
17040	12:41:56 PM	0.012	0.010	0.0	0.0	0.0
17100	12:42:56 PM	0.011	0.010	0.0	0.0	0.0
17160	12:43:56 PM	0.01	0.010	0.0	0.0	0.0
17220	12:44:56 PM	0.01	0.010	0.0	0.0	0.0
17280	12:45:56 PM	0.011	0.010	0.0	0.0	0.0
17340	12:46:56 PM	0.01	0.010	0.0	0.0	0.0
17400	12:47:56 PM	0.01	0.010	0.0	0.0	0.0
17460	12:48:56 PM	0.01	0.010	0.0	0.0	0.0
17520	12:49:56 PM	0.01	0.010	0.0	0.0	0.0
17580	12:50:56 PM	0.01	0.010	0.0	0.0	0.0
17640	12:51:56 PM	0.011	0.010	0.0	0.0	0.0
17700	12:52:56 PM	0.011	0.010	0.0	0.0	0.0
17760	12:53:56 PM	0.01	0.010	0.0	0.0	0.0
17820	12:54:56 PM	0.01	0.010	0.0	0.0	0.0
17880	12:55:56 PM	0.01	0.010	0.0	0.0	0.0
17940	12:56:56 PM	0.01	0.010	0.0	0.0	0.0
18000	12:57:56 PM	0.01	0.010	0.0	0.0	0.0
18060	12:58:56 PM	0.01	0.010	0.0	0.0	0.0
18120	12:59:56 PM	0.01	0.010	0.0	0.0	0.0
18180	1:00:56 PM	0.01	0.010	0.0	0.0	0.0
18240	1:01:56 PM	0.01	0.010	0.0	0.0	0.0
18300	1:02:56 PM	0.01	0.010	0.0	0.0	0.0
18360	1:03:56 PM	0.01	0.010	0.0	0.0	0.0
18420	1:04:56 PM	0.01	0.010	0.0	0.0	0.0
18480	1:05:56 PM	0.01	0.011	0.0	0.0	0.0
18540	1:06:56 PM	0.01	0.011	0.0	0.0	0.0
18600	1:07:56 PM	0.01	0.011	0.0	0.0	0.0
18660	1:08:56 PM	0.01	0.011	0.0	0.0	0.0
18720	1:09:56 PM	0.01	0.011	0.0	0.0	0.0
18780	1:10:56 PM	0.011	0.011	0.0	0.0	0.0
18840	1:11:56 PM	0.011	0.011	0.0	0.0	0.0
18900	1:12:56 PM	0.01	0.011	0.0	0.0	0.0
18960	1:13:56 PM	0.01	0.011	0.0	0.0	0.0
19020	1:14:56 PM	0.011	0.011	0.0	0.0	0.0
19080	1:15:56 PM	0.012	0.011	0.0	0.0	0.0
19140	1:16:56 PM	0.01	0.011	0.0	0.0	0.0
19200	1:17:56 PM	0.011	0.011	0.0	0.0	0.0
19260	1:18:56 PM	0.011	0.011	0.0	0.0	0.0
19320	1:19:56 PM	0.013	0.011	0.0	0.0	0.0
19380	1:20:56 PM	0.015	0.011	0.0	0.0	0.0
19440	1:21:56 PM	0.015	0.011	0.0	0.0	0.0
19500	1:22:56 PM	0.011	0.010	0.0	0.0	0.0
19560	1:23:56 PM	0.01	0.010	0.0	0.0	0.0
19620	1:24:56 PM	0.01	0.010	0.0	0.0	0.0
19680	1:25:56 PM	0.011	0.010	0.0	0.0	0.0
19740	1:26:56 PM	0.01	0.010	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	1:27:56 PM	0.01	0.010	0.0	0.0	0.0
19860	1:28:56 PM	0.01	0.010	0.0	0.0	0.0
19920	1:29:56 PM	0.01	0.010	0.0	0.0	0.0
19980	1:30:56 PM	0.011	0.010	0.0	0.0	0.0
20040	1:31:56 PM	0.011	0.010	0.0	0.0	0.0
20100	1:32:56 PM	0.01	0.010	0.0	0.0	0.0
20160	1:33:56 PM	0.01	0.010	0.0	0.0	0.0
20220	1:34:56 PM	0.01	0.010	0.0	0.0	0.0
20280	1:35:56 PM	0.01	0.010	0.0	0.0	0.0
20340	1:36:56 PM	0.01	0.010	0.0	0.0	0.0
20400	1:37:56 PM	0.01	0.010	0.0	0.0	0.0
20460	1:38:56 PM	0.01	0.010	0.0	0.0	0.0
20520	1:39:56 PM	0.01	0.009	0.0	0.0	0.0
20580	1:40:56 PM	0.01	0.009	0.0	0.0	0.0
20640	1:41:56 PM	0.01	0.009	0.0	0.0	0.0
20700	1:42:56 PM	0.01	0.009	0.0	0.0	0.0
20760	1:43:56 PM	0.009	0.009	0.0	0.0	0.0
20820	1:44:56 PM	0.009	0.009	0.0	0.0	0.0
20880	1:45:56 PM	0.009	0.009	0.0	0.0	0.0
20940	1:46:56 PM	0.009	0.009	0.0	0.0	0.0
21000	1:47:56 PM	0.01	0.009	0.0	0.0	0.0
21060	1:48:56 PM	0.009	0.009	0.0	0.0	0.0
21120	1:49:56 PM	0.009	0.009	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/25/19 6:21 AM						
60	6:21:53 AM	0.033	0.035	Dustrak started before PID		
120	6:22:53 AM	0.035	0.035			
180	6:23:53 AM	0.034	0.035			
240	6:24:53 AM	0.033	0.035			
300	6:25:53 AM	0.034	0.035			
360	6:26:53 AM	0.036	0.035			
420	6:27:53 AM	0.037	0.035			
480	6:28:53 AM	0.038	0.035			
540	6:29:53 AM	0.035	0.035			
600	6:30:53 AM	0.035	0.034			
660	6:31:53 AM	0.034	0.034			
720	6:32:53 AM	0.034	0.034			
780	6:33:53 AM	0.034	0.034			
840	6:34:53 AM	0.034	0.035			
900	6:35:53 AM	0.036	0.035			
960	6:36:53 AM	0.034	0.035			
1020	6:37:53 AM	0.036	0.035			
1080	6:38:53 AM	0.036	0.035			
1140	6:39:53 AM	0.034	0.035			
1200	6:40:53 AM	0.034	0.035			
1260	6:41:53 AM	0.034	0.035			
1320	6:42:53 AM	0.034	0.035			
1380	6:43:53 AM	0.034	0.035			
1440	6:44:53 AM	0.034	0.035	0.0	0.4	0.0
1500	6:45:53 AM	0.034	0.035	0.0	0.0	0.0
1560	6:46:53 AM	0.035	0.035	0.0	0.0	0.0
1620	6:47:53 AM	0.034	0.035	0.0	0.0	0.0
1680	6:48:53 AM	0.035	0.035	0.0	0.0	0.0
1740	6:49:53 AM	0.035	0.035	0.0	0.0	0.0
1800	6:50:53 AM	0.035	0.035	0.0	0.0	0.0
1860	6:51:53 AM	0.036	0.035	0.0	0.0	0.0
1920	6:52:53 AM	0.035	0.035	0.0	0.0	0.0
1980	6:53:53 AM	0.035	0.035	0.0	0.0	0.0
2040	6:54:53 AM	0.035	0.035	0.0	0.0	0.0
2100	6:55:53 AM	0.036	0.035	0.0	0.0	0.0
2160	6:56:53 AM	0.035	0.035	0.0	0.0	0.0
2220	6:57:53 AM	0.035	0.034	0.0	0.0	0.0
2280	6:58:53 AM	0.035	0.034	0.0	0.0	0.0
2340	6:59:53 AM	0.035	0.034	0.0	0.0	0.0
2400	7:00:53 AM	0.034	0.034	0.0	0.0	0.0
2460	7:01:53 AM	0.035	0.034	0.0	0.0	0.0
2520	7:02:53 AM	0.035	0.033	0.0	0.0	0.0
2580	7:03:53 AM	0.038	0.032	0.0	0.0	0.0
2640	7:04:53 AM	0.035	0.031	0.0	0.0	0.0
2700	7:05:53 AM	0.035	0.030	0.0	0.0	0.0
2760	7:06:53 AM	0.034	0.029	0.0	0.0	0.0
2820	7:07:53 AM	0.034	0.028	0.0	0.0	0.0
2880	7:08:53 AM	0.034	0.027	0.0	0.0	0.0
2940	7:09:53 AM	0.034	0.026	0.0	0.0	0.0
3000	7:10:53 AM	0.033	0.025	0.0	0.0	0.0
3060	7:11:53 AM	0.031	0.023	0.0	0.0	0.0
3120	7:12:53 AM	0.032	0.022	0.0	0.0	0.0
3180	7:13:53 AM	0.032	0.021	0.0	0.0	0.0
3240	7:14:53 AM	0.032	0.020	0.0	0.0	0.0

CAMP Station
CHA - 1

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:15:53 AM	0.031	0.018	0.0	0.0	0.0
3360	7:16:53 AM	0.026	0.017	0.0	0.0	0.0
3420	7:17:53 AM	0.022	0.016	0.0	0.0	0.0
3480	7:18:53 AM	0.023	0.015	0.0	0.0	0.0
3540	7:19:53 AM	0.022	0.014	0.0	0.0	0.0
3600	7:20:53 AM	0.019	0.013	0.0	0.0	0.0
3660	7:21:53 AM	0.018	0.012	0.0	0.0	0.0
3720	7:22:53 AM	0.016	0.011	0.0	0.0	0.0
3780	7:23:53 AM	0.016	0.011	0.0	0.0	0.0
3840	7:24:53 AM	0.015	0.010	0.0	0.0	0.0
3900	7:25:53 AM	0.015	0.010	0.0	0.0	0.0
3960	7:26:53 AM	0.015	0.009	0.0	0.0	0.0
4020	7:27:53 AM	0.012	0.009	0.0	0.0	0.0
4080	7:28:53 AM	0.011	0.009	0.0	0.0	0.0
4140	7:29:53 AM	0.01	0.009	0.0	0.0	0.0
4200	7:30:53 AM	0.01	0.008	0.0	0.0	0.0
4260	7:31:53 AM	0.009	0.008	0.0	0.0	0.0
4320	7:32:53 AM	0.009	0.008	0.0	0.0	0.0
4380	7:33:53 AM	0.009	0.008	0.0	0.0	0.0
4440	7:34:53 AM	0.009	0.008	0.0	0.0	0.0
4500	7:35:53 AM	0.008	0.008	0.0	0.0	0.0
4560	7:36:53 AM	0.008	0.008	0.0	0.0	0.0
4620	7:37:53 AM	0.008	0.008	0.0	0.0	0.0
4680	7:38:53 AM	0.008	0.008	0.0	0.0	0.0
4740	7:39:53 AM	0.008	0.008	0.0	0.0	0.0
4800	7:40:53 AM	0.008	0.008	0.0	0.0	0.0
4860	7:41:53 AM	0.008	0.007	0.0	0.0	0.0
4920	7:42:53 AM	0.009	0.007	0.0	0.0	0.0
4980	7:43:53 AM	0.007	0.007	0.0	0.0	0.0
5040	7:44:53 AM	0.007	0.007	0.0	0.0	0.0
5100	7:45:53 AM	0.007	0.007	0.0	0.0	0.0
5160	7:46:53 AM	0.008	0.007	0.0	0.0	0.0
5220	7:47:53 AM	0.007	0.007	0.0	0.0	0.0
5280	7:48:53 AM	0.007	0.007	0.0	0.0	0.0
5340	7:49:53 AM	0.007	0.007	0.0	0.0	0.0
5400	7:50:53 AM	0.008	0.007	0.0	0.0	0.0
5460	7:51:53 AM	0.008	0.007	0.0	0.0	0.0
5520	7:52:53 AM	0.008	0.007	0.0	0.0	0.0
5580	7:53:53 AM	0.007	0.007	0.0	0.0	0.0
5640	7:54:53 AM	0.007	0.007	0.0	0.0	0.0
5700	7:55:53 AM	0.007	0.007	0.0	0.0	0.0
5760	7:56:53 AM	0.007	0.007	0.0	0.0	0.0
5820	7:57:53 AM	0.007	0.007	0.0	0.0	0.0
5880	7:58:53 AM	0.006	0.006	0.0	0.0	0.0
5940	7:59:53 AM	0.006	0.006	0.0	0.0	0.0
6000	8:00:53 AM	0.006	0.006	0.0	0.0	0.0
6060	8:01:53 AM	0.006	0.006	0.0	0.0	0.0
6120	8:02:53 AM	0.007	0.007	0.0	0.0	0.0
6180	8:03:53 AM	0.007	0.007	0.0	0.0	0.0
6240	8:04:53 AM	0.006	0.009	0.0	0.0	0.0
6300	8:05:53 AM	0.007	0.020	0.0	0.0	0.0
6360	8:06:53 AM	0.007	0.020	0.0	0.0	0.0
6420	8:07:53 AM	0.007	0.021	0.0	0.0	0.0
6480	8:08:53 AM	0.006	0.021	0.0	0.0	0.0
6540	8:09:53 AM	0.007	0.021	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:10:53 AM	0.006	0.021	0.0	0.0	0.0
6660	8:11:53 AM	0.007	0.021	0.0	0.0	0.0
6720	8:12:53 AM	0.006	0.021	0.0	0.0	0.0
6780	8:13:53 AM	0.006	0.021	0.0	0.0	0.0
6840	8:14:53 AM	0.006	0.021	0.0	0.0	0.0
6900	8:15:53 AM	0.006	0.022	0.0	0.0	0.0
6960	8:16:53 AM	0.008	0.022	0.0	0.0	0.0
7020	8:17:53 AM	0.015	0.022	0.0	0.0	0.0
7080	8:18:53 AM	0.034	0.021	0.0	0.0	0.0
7140	8:19:53 AM	0.165	0.019	0.0	0.0	0.0
6/25/2019 - restarted 8:23 AM (replaced enclosures)						
60	8:23:33 AM	0.008	0.008	0.0	0.0	0.0
120	8:24:33 AM	0.008	0.008	0.0	0.0	0.0
180	8:25:33 AM	0.008	0.008	0.0	0.0	0.0
240	8:26:33 AM	0.008	0.008	0.0	0.0	0.0
300	8:27:33 AM	0.009	0.009	0.0	0.0	0.0
360	8:28:33 AM	0.009	0.009	0.0	0.0	0.0
420	8:29:33 AM	0.008	0.009	0.0	0.0	0.0
480	8:30:33 AM	0.008	0.009	0.0	0.0	0.0
540	8:31:33 AM	0.008	0.009	0.0	0.0	0.0
600	8:32:33 AM	0.008	0.009	0.0	0.0	0.0
660	8:33:33 AM	0.008	0.009	0.0	0.0	0.0
720	8:34:33 AM	0.008	0.009	0.0	0.0	0.0
780	8:35:33 AM	0.008	0.009	0.0	0.0	0.0
840	8:36:33 AM	0.008	0.009	0.0	0.0	0.0
900	8:37:33 AM	0.008	0.009	0.0	0.2	0.0
960	8:38:33 AM	0.009	0.009	0.0	0.0	0.0
1020	8:39:33 AM	0.009	0.009	0.0	0.0	0.0
1080	8:40:33 AM	0.009	0.009	0.0	0.0	0.0
1140	8:41:33 AM	0.011	0.009	0.0	0.0	0.0
1200	8:42:33 AM	0.011	0.009	0.0	0.0	0.0
1260	8:43:33 AM	0.009	0.009	0.0	0.0	0.0
1320	8:44:33 AM	0.008	0.009	0.0	0.0	0.0
1380	8:45:33 AM	0.009	0.009	0.0	0.0	0.0
1440	8:46:33 AM	0.009	0.009	0.0	0.0	0.0
1500	8:47:33 AM	0.009	0.009	0.0	0.0	0.0
1560	8:48:33 AM	0.008	0.009	0.0	0.0	0.0
1620	8:49:33 AM	0.009	0.009	0.0	0.0	0.0
1680	8:50:33 AM	0.009	0.009	0.0	0.0	0.0
1740	8:51:33 AM	0.009	0.009	0.0	0.0	0.0
1800	8:52:33 AM	0.009	0.009	0.0	0.0	0.0
1860	8:53:33 AM	0.009	0.009	0.0	0.0	0.0
1920	8:54:33 AM	0.009	0.009	0.0	0.0	0.0
1980	8:55:33 AM	0.009	0.009	0.0	0.0	0.0
2040	8:56:33 AM	0.009	0.009	0.0	0.0	0.0
2100	8:57:33 AM	0.009	0.009	0.0	0.0	0.0
2160	8:58:33 AM	0.009	0.009	0.0	0.0	0.0
2220	8:59:33 AM	0.009	0.009	0.0	0.0	0.0
2280	9:00:33 AM	0.009	0.009	0.0	0.0	0.0
2340	9:01:33 AM	0.009	0.009	0.0	0.0	0.0
2400	9:02:33 AM	0.009	0.009	0.0	0.0	0.0
2460	9:03:33 AM	0.009	0.009	0.0	0.0	0.0
2520	9:04:33 AM	0.009	0.009	0.0	0.0	0.0
2580	9:05:33 AM	0.01	0.009	0.0	0.0	0.0
2640	9:06:33 AM	0.009	0.009	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
2700	9:07:33 AM	0.009	0.009	0.0	0.0	0.0
2760	9:08:33 AM	0.009	0.009	0.0	0.0	0.0
2820	9:09:33 AM	0.009	0.009	0.0	0.0	0.0
2880	9:10:33 AM	0.009	0.009	0.0	0.0	0.0
2940	9:11:33 AM	0.009	0.009	0.0	0.0	0.0
3000	9:12:33 AM	0.01	0.009	0.0	0.0	0.0
3060	9:13:33 AM	0.009	0.010	0.0	0.0	0.0
3120	9:14:33 AM	0.01	0.010	0.0	0.0	0.0
3180	9:15:33 AM	0.009	0.010	0.0	0.0	0.0
3240	9:16:33 AM	0.009	0.010	0.0	0.0	0.0
3300	9:17:33 AM	0.009	0.010	0.0	0.0	0.0
3360	9:18:33 AM	0.01	0.010	0.0	0.0	0.0
3420	9:19:33 AM	0.01	0.010	0.0	0.0	0.0
3480	9:20:33 AM	0.009	0.010	0.0	0.0	0.0
3540	9:21:33 AM	0.009	0.010	0.0	0.0	0.0
3600	9:22:33 AM	0.009	0.010	0.0	0.0	0.0
3660	9:23:33 AM	0.009	0.010	0.0	0.0	0.0
3720	9:24:33 AM	0.01	0.010	0.0	0.0	0.0
3780	9:25:33 AM	0.01	0.010	0.0	0.0	0.0
3840	9:26:33 AM	0.01	0.010	0.0	0.0	0.0
3900	9:27:33 AM	0.011	0.010	0.0	0.0	0.0
3960	9:28:33 AM	0.01	0.010	0.0	0.0	0.0
4020	9:29:33 AM	0.01	0.010	0.0	0.0	0.0
4080	9:30:33 AM	0.01	0.010	0.0	0.0	0.0
4140	9:31:33 AM	0.011	0.010	0.0	0.0	0.0
4200	9:32:33 AM	0.011	0.010	0.0	0.0	0.0
4260	9:33:33 AM	0.01	0.010	0.0	0.0	0.0
4320	9:34:33 AM	0.01	0.010	0.0	0.0	0.0
4380	9:35:33 AM	0.01	0.010	0.0	0.0	0.0
4440	9:36:33 AM	0.01	0.010	0.0	0.0	0.0
4500	9:37:33 AM	0.01	0.010	0.0	0.0	0.0
4560	9:38:33 AM	0.01	0.010	0.0	0.0	0.0
4620	9:39:33 AM	0.01	0.010	0.0	0.0	0.0
4680	9:40:33 AM	0.01	0.010	0.0	0.0	0.0
4740	9:41:33 AM	0.01	0.011	0.0	0.0	0.0
4800	9:42:33 AM	0.01	0.011	0.0	0.0	0.0
4860	9:43:33 AM	0.01	0.011	0.0	0.0	0.0
4920	9:44:33 AM	0.01	0.011	0.0	0.0	0.0
4980	9:45:33 AM	0.011	0.011	0.0	0.0	0.0
5040	9:46:33 AM	0.01	0.011	0.0	0.0	0.0
5100	9:47:33 AM	0.011	0.011	0.0	0.0	0.0
5160	9:48:33 AM	0.01	0.011	0.0	0.0	0.0
5220	9:49:33 AM	0.011	0.011	0.0	0.0	0.0
5280	9:50:33 AM	0.01	0.011	0.0	0.0	0.0
5340	9:51:33 AM	0.011	0.011	0.0	0.0	0.0
5400	9:52:33 AM	0.011	0.011	0.0	0.0	0.0
5460	9:53:33 AM	0.01	0.011	0.0	0.0	0.0
5520	9:54:33 AM	0.012	0.011	0.0	0.0	0.0
5580	9:55:33 AM	0.011	0.011	0.0	0.0	0.0
5640	9:56:33 AM	0.014	0.012	0.0	0.0	0.0
5700	9:57:33 AM	0.011	0.011	0.0	0.0	0.0
5760	9:58:33 AM	0.011	0.011	0.0	0.0	0.0
5820	9:59:33 AM	0.011	0.012	0.0	0.0	0.0
5880	10:00:33 AM	0.011	0.012	0.0	0.0	0.0
5940	10:01:33 AM	0.011	0.012	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6000	10:02:33 AM	0.011	0.012	0.0	0.0	0.0
6060	10:03:33 AM	0.011	0.012	0.0	0.0	0.0
6120	10:04:33 AM	0.012	0.012	0.0	0.0	0.0
6180	10:05:33 AM	0.012	0.012	0.0	0.0	0.0
6240	10:06:33 AM	0.012	0.012	0.0	0.0	0.0
6300	10:07:33 AM	0.011	0.012	0.0	0.0	0.0
6360	10:08:33 AM	0.011	0.012	0.0	0.0	0.0
6420	10:09:33 AM	0.012	0.012	0.0	0.0	0.0
6480	10:10:33 AM	0.012	0.012	0.0	0.0	0.0
6540	10:11:33 AM	0.012	0.012	0.0	0.0	0.0
6600	10:12:33 AM	0.012	0.012	0.0	0.0	0.0
6660	10:13:33 AM	0.012	0.012	0.0	0.0	0.0
6720	10:14:33 AM	0.015	0.012	0.0	0.0	0.0
6780	10:15:33 AM	0.012	0.012	0.0	0.0	0.0
6840	10:16:33 AM	0.012	0.012	0.0	0.0	0.0
6900	10:17:33 AM	0.012	0.012	0.0	0.0	0.0
6960	10:18:33 AM	0.012	0.012	0.0	0.0	0.0
7020	10:19:33 AM	0.012	0.013	0.0	0.0	0.0
7080	10:20:33 AM	0.012	0.013	0.0	0.0	0.0
7140	10:21:33 AM	0.014	0.013	0.0	0.0	0.0
7200	10:22:33 AM	0.013	0.013	0.0	0.0	0.0
7260	10:23:33 AM	0.012	0.013	0.0	0.0	0.0
7320	10:24:33 AM	0.012	0.013	0.0	0.0	0.0
7380	10:25:33 AM	0.012	0.013	0.0	0.0	0.0
7440	10:26:33 AM	0.012	0.013	0.0	0.0	0.0
7500	10:27:33 AM	0.012	0.013	0.0	0.0	0.0
7560	10:28:33 AM	0.013	0.013	0.0	0.0	0.0
7620	10:29:33 AM	0.013	0.013	0.0	0.0	0.0
7680	10:30:33 AM	0.013	0.013	0.0	0.0	0.0
7740	10:31:33 AM	0.013	0.013	0.0	0.0	0.0
7800	10:32:33 AM	0.012	0.013	0.0	0.0	0.0
7860	10:33:33 AM	0.013	0.013	0.0	0.0	0.0
7920	10:34:33 AM	0.013	0.013	0.0	0.0	0.0
7980	10:35:33 AM	0.012	0.013	0.0	0.0	0.0
8040	10:36:33 AM	0.013	0.013	0.0	0.0	0.0
8100	10:37:33 AM	0.013	0.013	0.0	0.0	0.0
8160	10:38:33 AM	0.013	0.012	0.0	0.0	0.0
8220	10:39:33 AM	0.013	0.012	0.0	0.0	0.0
8280	10:40:33 AM	0.013	0.012	0.0	0.0	0.0
8340	10:41:33 AM	0.013	0.012	0.0	0.0	0.0
8400	10:42:33 AM	0.012	0.012	0.0	0.0	0.0
8460	10:43:33 AM	0.013	0.013	0.0	0.0	0.0
8520	10:44:33 AM	0.012	0.012	0.0	0.0	0.0
8580	10:45:33 AM	0.012	0.012	0.0	0.0	0.0
8640	10:46:33 AM	0.012	0.012	0.0	0.0	0.0
8700	10:47:33 AM	0.013	0.013	0.0	0.0	0.0
8760	10:48:33 AM	0.012	0.012	0.0	0.0	0.0
8820	10:49:33 AM	0.012	0.012	0.0	0.0	0.0
8880	10:50:33 AM	0.012	0.012	0.0	0.0	0.0
8940	10:51:33 AM	0.013	0.012	0.0	0.0	0.0
9000	10:52:33 AM	0.012	0.012	0.0	0.0	0.0
9060	10:53:33 AM	0.013	0.012	0.0	0.0	0.0
9120	10:54:33 AM	0.013	0.012	0.0	0.0	0.0
9180	10:55:33 AM	0.013	0.012	0.0	0.0	0.0
9240	10:56:33 AM	0.013	0.012	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9300	10:57:33 AM	0.013	0.012	0.0	0.0	0.0
9360	10:58:33 AM	0.012	0.012	0.0	0.0	0.0
9420	10:59:33 AM	0.012	0.012	0.0	0.0	0.0
9480	11:00:33 AM	0.012	0.012	0.0	0.0	0.0
9540	11:01:33 AM	0.013	0.012	0.0	0.0	0.0
9600	11:02:33 AM	0.012	0.012	0.0	0.0	0.0
9660	11:03:33 AM	0.012	0.012	0.0	0.0	0.0
9720	11:04:33 AM	0.012	0.012	0.0	0.0	0.0
9780	11:05:33 AM	0.012	0.012	0.0	0.0	0.0
9840	11:06:33 AM	0.012	0.012	0.0	0.0	0.0
9900	11:07:33 AM	0.012	0.012	0.0	0.0	0.0
9960	11:08:33 AM	0.012	0.012	0.0	0.0	0.0
10020	11:09:33 AM	0.012	0.012	0.0	0.0	0.0
10080	11:10:33 AM	0.012	0.012	0.0	0.0	0.0
10140	11:11:33 AM	0.012	0.012	0.0	0.0	0.0
10200	11:12:33 AM	0.012	0.012	0.0	0.0	0.0
10260	11:13:33 AM	0.012	0.013	0.0	0.0	0.0
10320	11:14:33 AM	0.012	0.013	0.0	0.0	0.0
10380	11:15:33 AM	0.012	0.013	0.0	0.0	0.0
10440	11:16:33 AM	0.012	0.013	0.0	0.0	0.0
10500	11:17:33 AM	0.012	0.013	0.0	0.0	0.0
10560	11:18:33 AM	0.012	0.013	0.0	0.0	0.0
10620	11:19:33 AM	0.012	0.013	0.0	0.0	0.0
10680	11:20:33 AM	0.012	0.013	0.0	0.0	0.0
10740	11:21:33 AM	0.012	0.013	0.0	0.0	0.0
10800	11:22:33 AM	0.011	0.013	0.0	0.0	0.0
10860	11:23:33 AM	0.012	0.013	0.0	0.0	0.0
10920	11:24:33 AM	0.012	0.013	0.0	0.0	0.0
10980	11:25:33 AM	0.012	0.013	0.0	0.0	0.0
11040	11:26:33 AM	0.012	0.013	0.0	0.0	0.0
11100	11:27:33 AM	0.022	0.013	0.0	0.0	0.0
11160	11:28:33 AM	0.012	0.012	0.0	0.0	0.0
11220	11:29:33 AM	0.012	0.012	0.0	0.0	0.0
11280	11:30:33 AM	0.013	0.012	0.0	0.0	0.0
11340	11:31:33 AM	0.014	0.012	0.0	0.0	0.0
11400	11:32:33 AM	0.014	0.012	0.0	0.0	0.0
11460	11:33:33 AM	0.012	0.012	0.0	0.0	0.0
11520	11:34:33 AM	0.012	0.012	0.0	0.0	0.0
11580	11:35:33 AM	0.012	0.012	0.0	0.0	0.0
11640	11:36:33 AM	0.012	0.012	0.0	0.0	0.0
11700	11:37:33 AM	0.012	0.012	0.0	0.0	0.0
11760	11:38:33 AM	0.012	0.012	0.0	0.0	0.0
11820	11:39:33 AM	0.012	0.012	0.0	0.0	0.0
11880	11:40:33 AM	0.012	0.012	0.0	0.0	0.0
11940	11:41:33 AM	0.012	0.012	0.0	0.0	0.0
12000	11:42:33 AM	0.012	0.012	0.0	0.0	0.0
12060	11:43:33 AM	0.012	0.012	0.0	0.0	0.0
12120	11:44:33 AM	0.012	0.012	0.0	0.0	0.0
12180	11:45:33 AM	0.011	0.012	0.0	0.0	0.0
12240	11:46:33 AM	0.011	0.012	0.0	0.0	0.0
12300	11:47:33 AM	0.012	0.012	0.0	0.0	0.0
12360	11:48:33 AM	0.012	0.012	0.0	0.0	0.0
12420	11:49:33 AM	0.012	0.012	0.0	0.0	0.0
12480	11:50:33 AM	0.012	0.012	0.0	0.0	0.0
12540	11:51:33 AM	0.012	0.012	0.0	0.0	0.0

CAMP Station
CHA - 1

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12600	11:52:33 AM	0.012	0.012	0.0	0.0	0.0
12660	11:53:33 AM	0.012	0.012	0.0	0.0	0.0
12720	11:54:33 AM	0.012	0.012	0.0	0.0	0.0
12780	11:55:33 AM	0.012	0.012	0.0	0.0	0.0
12840	11:56:33 AM	0.012	0.012	0.0	0.0	0.0
12900	11:57:33 AM	0.012	0.012	0.0	0.0	0.0
12960	11:58:33 AM	0.012	0.012	0.0	0.0	0.0
13020	11:59:33 AM	0.012	0.012	0.0	0.0	0.0
13080	12:00:33 PM	0.012	0.012	0.0	0.0	0.0
13140	12:01:33 PM	0.012	0.012	0.0	0.0	0.0
13200	12:02:33 PM	0.012	0.012	0.0	0.0	0.0
13260	12:03:33 PM	0.012	0.012	0.0	0.0	0.0
13320	12:04:33 PM	0.012	0.012	0.0	0.0	0.0
13380	12:05:33 PM	0.012	0.012	0.0	0.0	0.0
13440	12:06:33 PM	0.012	0.012	0.0	0.0	0.0
13500	12:07:33 PM	0.012	0.012	0.0	0.0	0.0
13560	12:08:33 PM	0.012	0.012	0.0	0.0	0.0
13620	12:09:33 PM	0.013	0.012	0.0	0.0	0.0
13680	12:10:33 PM	0.012	0.012	0.0	0.0	0.0
13740	12:11:33 PM	0.012	0.011	0.0	0.0	0.0
13800	12:12:33 PM	0.012	0.011	0.0	0.0	0.0
13860	12:13:33 PM	0.012	0.011	0.0	0.0	0.0
13920	12:14:33 PM	0.012	0.011	0.0	0.0	0.0
13980	12:15:33 PM	0.011	0.011	0.0	0.0	0.0
14040	12:16:33 PM	0.011	0.011	0.0	0.0	0.0
14100	12:17:33 PM	0.011	0.011	0.0	0.0	0.0
14160	12:18:33 PM	0.012	0.011	0.0	0.0	0.0
14220	12:19:33 PM	0.011	0.011	0.0	0.0	0.0
14280	12:20:33 PM	0.011	0.011	0.0	0.0	0.0
14340	12:21:33 PM	0.012	0.011	0.0	0.0	0.0
14400	12:22:33 PM	0.012	0.011	0.0	0.0	0.0
14460	12:23:33 PM	0.011	0.012	0.0	0.0	0.0
14520	12:24:33 PM	0.011	0.012	0.0	0.0	0.0
14580	12:25:33 PM	0.011	0.012	0.0	0.0	0.0
14640	12:26:33 PM	0.011	0.012	0.0	0.0	0.0
14700	12:27:33 PM	0.011	0.012	0.0	0.0	0.0
14760	12:28:33 PM	0.011	0.012	0.0	0.0	0.0
14820	12:29:33 PM	0.011	0.011	0.0	0.0	0.0
14880	12:30:33 PM	0.011	0.011	0.0	0.0	0.0
14940	12:31:33 PM	0.011	0.011	0.0	0.0	0.0
15000	12:32:33 PM	0.011	0.011	0.0	0.1	0.0
15060	12:33:33 PM	0.011	0.011	0.5	1.1	0.0
15120	12:34:33 PM	0.011	0.011	0.0	0.0	0.0
15180	12:35:33 PM	0.011	0.011	0.0	0.0	0.0
15240	12:36:33 PM	0.012	0.011	0.0	0.0	0.0
15300	12:37:33 PM	0.02	0.011	0.0	0.0	0.0
15360	12:38:33 PM	0.012	0.010	0.0	0.0	0.0
15420	12:39:33 PM	0.011	0.010	0.0	0.0	0.0
15480	12:40:33 PM	0.01	0.010	0.0	0.0	0.0
15540	12:41:33 PM	0.01	0.010	0.0	0.0	0.0
15600	12:42:33 PM	0.01	0.010	0.0	0.0	0.0
15660	12:43:33 PM	0.009	0.010	0.0	0.0	0.0
15720	12:44:33 PM	0.01	0.010	0.0	0.0	0.0
15780	12:45:33 PM	0.01	0.010	0.0	0.0	0.0
15840	12:46:33 PM	0.009	0.010	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	12:47:33 PM	0.009	0.010	0.0	0.0	0.0
15960	12:48:33 PM	0.009	0.010	0.0	0.0	0.0
16020	12:49:33 PM	0.01	0.010	0.0	0.0	0.0
16080	12:50:33 PM	0.01	0.010	0.0	0.0	0.0
16140	12:51:33 PM	0.01	0.010	0.0	0.0	0.0
16200	12:52:33 PM	0.01	0.010	0.0	0.0	0.0
16260	12:53:33 PM	0.01	0.011	0.0	0.0	0.0
16320	12:54:33 PM	0.01	0.011	0.0	0.0	0.0
16380	12:55:33 PM	0.011	0.011	0.0	0.0	0.0
16440	12:56:33 PM	0.01	0.010	0.0	0.0	0.0
16500	12:57:33 PM	0.011	0.010	0.0	0.0	0.0
16560	12:58:33 PM	0.012	0.010	0.0	0.0	0.0
16620	12:59:33 PM	0.011	0.010	0.0	0.0	0.0
16680	1:00:33 PM	0.01	0.010	0.0	0.0	0.0
16740	1:01:33 PM	0.01	0.010	0.0	0.0	0.0
16800	1:02:33 PM	0.01	0.010	0.0	0.0	0.0
16860	1:03:33 PM	0.01	0.010	0.0	0.0	0.0
16920	1:04:33 PM	0.01	0.011	0.0	0.0	0.0
16980	1:05:33 PM	0.011	0.011	0.0	0.0	0.0
17040	1:06:33 PM	0.011	0.010	0.0	0.0	0.0
17100	1:07:33 PM	0.011	0.010	0.0	0.0	0.0
17160	1:08:33 PM	0.01	0.010	0.0	0.0	0.0
17220	1:09:33 PM	0.01	0.010	0.0	0.0	0.0
17280	1:10:33 PM	0.01	0.010	0.0	0.0	0.0
17340	1:11:33 PM	0.01	0.010	0.0	0.0	0.0
17400	1:12:33 PM	0.01	0.010	0.0	0.0	0.0
17460	1:13:33 PM	0.011	0.010	0.0	0.0	0.0
17520	1:14:33 PM	0.01	0.010	0.0	0.0	0.0
17580	1:15:33 PM	0.011	0.010	0.0	0.0	0.0
17640	1:16:33 PM	0.01	0.010	0.0	0.0	0.0
17700	1:17:33 PM	0.011	0.010	0.0	0.0	0.0
17760	1:18:33 PM	0.012	0.010	0.0	0.0	0.0
17820	1:19:33 PM	0.01	0.010	0.0	0.0	0.0
17880	1:20:33 PM	0.01	0.010	0.0	0.0	0.0
17940	1:21:33 PM	0.01	0.010	0.0	0.0	0.0
18000	1:22:33 PM	0.01	0.010	0.0	0.0	0.0
18060	1:23:33 PM	0.01	0.010	0.0	0.0	0.0
18120	1:24:33 PM	0.01	0.010	0.0	0.0	0.0
18180	1:25:33 PM	0.01	0.010	0.0	0.0	0.0
18240	1:26:33 PM	0.01	0.010	0.0	0.0	0.0
18300	1:27:33 PM	0.011	0.010	0.0	0.0	0.0
18360	1:28:33 PM	0.01	0.010	0.0	0.0	0.0
18420	1:29:33 PM	0.01	0.010	0.0	0.0	0.0
18480	1:30:33 PM	0.01	0.010	0.0	0.0	0.0
18540	1:31:33 PM	0.01	0.010	0.0	0.0	0.0
18600	1:32:33 PM	0.012	0.009	0.0	0.0	0.0
18660	1:33:33 PM	0.01	0.009	0.0	0.0	0.0
18720	1:34:33 PM	0.009	0.009	0.0	0.0	0.0
18780	1:35:33 PM	0.01	0.009	0.0	0.0	0.0
18840	1:36:33 PM	0.01	0.009	0.0	0.0	0.0
18900	1:37:33 PM	0.009	0.009	0.0	0.0	0.0
18960	1:38:33 PM	0.009	0.009	0.0	0.0	0.0
19020	1:39:33 PM	0.009	0.009	0.0	0.0	0.0
19080	1:40:33 PM	0.009	0.009	0.0	0.0	0.0
19140	1:41:33 PM	0.009	0.009	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19200	1:42:33 PM	0.009	0.008	0.0	0.0	0.0
19260	1:43:33 PM	0.01	0.008	0.0	0.0	0.0
19320	1:44:33 PM	0.009	0.008	0.0	0.0	0.0
19380	1:45:33 PM	0.009	0.008	0.0	0.0	0.0
19440	1:46:33 PM	0.008	0.008	0.0	0.0	0.0
19500	1:47:33 PM	0.009	0.008	0.0	0.0	0.0
19560	1:48:33 PM	0.008	0.008	0.0	0.0	0.0
19620	1:49:33 PM	0.008	0.008	0.0	0.0	0.0
19680	1:50:33 PM	0.009	0.009	0.0	0.0	0.0
19740	1:51:33 PM	0.008	0.009	0.0	0.0	0.0
19800	1:52:33 PM	0.008	0.009	0.0	0.0	0.0
19860	1:53:33 PM	0.008	0.009	0.0	0.0	0.0
19920	1:54:33 PM	0.008	0.009	0.0	0.0	0.0
19980	1:55:33 PM	0.008	0.009	0.0	0.0	0.0
20040	1:56:33 PM	0.008	0.009	0.0	0.0	0.0
20100	1:57:33 PM	0.008	0.009	0.0	0.0	0.0
20160	1:58:33 PM	0.009	0.009	0.0	0.0	0.0
20220	1:59:33 PM	0.009	0.009	0.0	0.0	0.0
20280	2:00:33 PM	0.009	0.009	0.0	0.0	0.0
20340	2:01:33 PM	0.009	0.009	0.0	0.0	0.0
20400	2:02:33 PM	0.009	0.009	0.0	0.0	0.0
20460	2:03:33 PM	0.009	0.009	0.0	0.0	0.0
20520	2:04:33 PM	0.009	0.009	0.0	0.0	0.0
20580	2:05:33 PM	0.009	0.009	0.0	0.0	0.0
20640	2:06:33 PM	0.009	0.009	0.0	0.0	0.0
20700	2:07:33 PM	0.009	0.009	0.0	0.0	0.0
20760	2:08:33 PM	0.009	0.009	0.0	0.0	0.0
20820	2:09:33 PM	0.009	0.009	0.0	0.0	0.0
20880	2:10:33 PM	0.009	0.009	0.0	0.0	0.0
20940	2:11:33 PM	0.009	0.009	0.0	0.0	0.0
21000	2:12:33 PM	0.009	0.009	0.0	0.0	0.0
21060	2:13:33 PM	0.009	0.009	0.0	0.0	0.0
21120	2:14:33 PM	0.009	0.009	0.0	0.0	0.0
21180	2:15:33 PM	0.009	0.009	0.0	0.0	0.0
21240	2:16:33 PM	0.009	0.009	0.0	0.0	0.0
21300	2:17:33 PM	0.009	0.009	0.0	0.0	0.0
21360	2:18:33 PM	0.009	0.009	0.0	0.0	0.0
21420	2:19:33 PM	0.008	0.010	0.0	0.0	0.0
21480	2:20:33 PM	0.009	0.010	0.0	0.0	0.0
21540	2:21:33 PM	0.009	0.010	0.0	0.0	0.0
21600	2:22:33 PM	0.009	0.010	0.0	0.0	0.0
21660	2:23:33 PM	0.009	0.010	0.0	0.0	0.0
21720	2:24:33 PM	0.009	0.010	0.0	0.0	0.0
21780	2:25:33 PM	0.01	0.010	0.0	0.0	0.0
21840	2:26:33 PM	0.011	0.010	0.0	0.0	0.0
21900	2:27:33 PM	0.01	0.010	0.0	0.0	0.0
21960	2:28:33 PM	0.009	0.010	0.0	0.0	0.0
22020	2:29:33 PM	0.009	0.010	0.0	0.0	0.0
22080	2:30:33 PM	0.009	0.010	0.0	0.0	0.0
22140	2:31:33 PM	0.01	0.010	0.0	0.0	0.0
22200	2:32:33 PM	0.011	0.010	0.0	0.0	0.0
22260	2:33:33 PM	0.011	0.010	0.0	0.0	0.0
22320	2:34:33 PM	0.01	0.009	0.0	0.0	0.0
22380	2:35:33 PM	0.009	0.009	0.0	0.0	0.0
22440	2:36:33 PM	0.009	0.009	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
22500	2:37:33 PM	0.009	0.009	0.0	0.0	0.0
22560	2:38:33 PM	0.009	0.010	0.0	0.0	0.0
22620	2:39:33 PM	0.01	0.010	0.0	0.0	0.0
22680	2:40:33 PM	0.009	0.010	0.0	0.0	0.0
22740	2:41:33 PM	0.01	0.010	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/26/19 6:25 AM						
60	6:25:25 AM	0.019	0.015	Dustrak started before PID		
120	6:26:25 AM	0.016	0.015			
180	6:27:25 AM	0.016	0.015			
240	6:28:25 AM	0.014	0.014			
300	6:29:25 AM	0.014	0.014			
360	6:30:25 AM	0.015	0.014			
420	6:31:25 AM	0.015	0.014			
480	6:32:25 AM	0.015	0.014			
540	6:33:25 AM	0.014	0.014			
600	6:34:25 AM	0.014	0.014			
660	6:35:25 AM	0.015	0.014			
720	6:36:25 AM	0.014	0.014			
780	6:37:25 AM	0.014	0.014			
840	6:38:25 AM	0.016	0.014			
900	6:39:25 AM	0.015	0.014			
960	6:40:25 AM	0.014	0.014	0.0	0.0	0.0
1020	6:41:25 AM	0.014	0.014	0.0	0.0	0.0
1080	6:42:25 AM	0.014	0.014	0.0	0.0	0.0
1140	6:43:25 AM	0.014	0.014	0.0	0.0	0.0
1200	6:44:25 AM	0.014	0.014	0.0	0.0	0.0
1260	6:45:25 AM	0.014	0.015	0.0	0.0	0.0
1320	6:46:25 AM	0.014	0.015	0.0	0.0	0.0
1380	6:47:25 AM	0.014	0.015	0.0	0.0	0.0
1440	6:48:25 AM	0.014	0.015	0.0	0.0	0.0
1500	6:49:25 AM	0.014	0.015	0.0	0.0	0.0
1560	6:50:25 AM	0.014	0.015	0.0	0.0	0.0
1620	6:51:25 AM	0.014	0.015	0.0	0.0	0.0
1680	6:52:25 AM	0.015	0.015	0.0	0.0	0.0
1740	6:53:25 AM	0.015	0.014	0.0	0.0	0.0
1800	6:54:25 AM	0.017	0.014	0.0	0.0	0.0
1860	6:55:25 AM	0.015	0.015	0.0	0.0	0.0
1920	6:56:25 AM	0.014	0.015	0.0	0.0	0.0
1980	6:57:25 AM	0.014	0.015	0.0	0.0	0.0
2040	6:58:25 AM	0.015	0.015	0.0	0.0	0.0
2100	6:59:25 AM	0.016	0.015	0.0	0.0	0.0
2160	7:00:25 AM	0.014	0.015	0.0	0.0	0.0
2220	7:01:25 AM	0.014	0.015	0.0	0.0	0.0
2280	7:02:25 AM	0.013	0.015	0.0	0.0	0.0
2340	7:03:25 AM	0.014	0.015	0.0	0.0	0.0
2400	7:04:25 AM	0.014	0.015	0.0	0.0	0.0
2460	7:05:25 AM	0.014	0.015	0.0	0.0	0.0
2520	7:06:25 AM	0.014	0.015	0.0	0.0	0.0
2580	7:07:25 AM	0.014	0.015	0.0	0.0	0.0
2640	7:08:25 AM	0.015	0.015	0.0	0.0	0.0
2700	7:09:25 AM	0.018	0.015	0.0	0.0	0.0
2760	7:10:25 AM	0.023	0.015	0.0	0.0	0.0
2820	7:11:25 AM	0.015	0.015	0.0	0.0	0.0
2880	7:12:25 AM	0.015	0.014	0.0	0.0	0.0
2940	7:13:25 AM	0.014	0.015	0.0	0.0	0.0
3000	7:14:25 AM	0.014	0.015	0.0	0.0	0.0
3060	7:15:25 AM	0.014	0.015	0.0	0.0	0.0
3120	7:16:25 AM	0.014	0.015	0.0	0.0	0.0
3180	7:17:25 AM	0.014	0.015	0.0	0.0	0.0
3240	7:18:25 AM	0.014	0.015	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:19:25 AM	0.014	0.016	0.0	0.0	0.0
3360	7:20:25 AM	0.014	0.016	0.0	0.0	0.0
3420	7:21:25 AM	0.015	0.016	0.0	0.0	0.0
3480	7:22:25 AM	0.016	0.016	0.0	0.0	0.0
3540	7:23:25 AM	0.016	0.016	0.0	0.0	0.0
3600	7:24:25 AM	0.015	0.016	0.0	0.0	0.0
3660	7:25:25 AM	0.014	0.016	0.0	0.0	0.0
3720	7:26:25 AM	0.014	0.017	0.0	0.0	0.0
3780	7:27:25 AM	0.016	0.017	0.0	0.0	0.0
3840	7:28:25 AM	0.017	0.017	0.0	0.0	0.0
3900	7:29:25 AM	0.016	0.017	0.0	0.0	0.0
3960	7:30:25 AM	0.017	0.017	0.0	0.0	0.0
4020	7:31:25 AM	0.016	0.017	0.0	0.0	0.0
4080	7:32:25 AM	0.016	0.017	0.0	0.0	0.0
4140	7:33:25 AM	0.018	0.017	0.0	0.0	0.0
4200	7:34:25 AM	0.018	0.017	0.0	0.0	0.0
4260	7:35:25 AM	0.017	0.017	0.0	0.0	0.0
4320	7:36:25 AM	0.016	0.017	0.0	0.0	0.0
4380	7:37:25 AM	0.016	0.018	0.0	0.0	0.0
4440	7:38:25 AM	0.015	0.018	0.0	0.0	0.0
4500	7:39:25 AM	0.017	0.018	0.0	0.0	0.0
4560	7:40:25 AM	0.021	0.018	0.0	0.0	0.0
4620	7:41:25 AM	0.022	0.019	0.0	0.0	0.0
4680	7:42:25 AM	0.016	0.018	0.0	0.0	0.0
4740	7:43:25 AM	0.016	0.018	0.0	0.0	0.0
4800	7:44:25 AM	0.017	0.018	0.0	0.0	0.0
4860	7:45:25 AM	0.016	0.018	0.0	0.0	0.0
4920	7:46:25 AM	0.017	0.018	0.0	0.0	0.0
4980	7:47:25 AM	0.016	0.018	0.0	0.0	0.0
5040	7:48:25 AM	0.016	0.018	0.0	0.0	0.0
5100	7:49:25 AM	0.017	0.018	0.0	0.0	0.0
5160	7:50:25 AM	0.022	0.018	0.0	0.0	0.0
5220	7:51:25 AM	0.023	0.018	0.0	0.0	0.0
5280	7:52:25 AM	0.02	0.017	0.0	0.0	0.0
5340	7:53:25 AM	0.016	0.017	0.0	0.0	0.0
5400	7:54:25 AM	0.017	0.017	0.0	0.0	0.0
5460	7:55:25 AM	0.028	0.017	0.0	0.0	0.0
5520	7:56:25 AM	0.015	0.016	0.0	0.0	0.0
5580	7:57:25 AM	0.018	0.016	0.0	0.0	0.0
5640	7:58:25 AM	0.016	0.016	0.0	0.0	0.0
5700	7:59:25 AM	0.017	0.016	0.0	0.0	0.0
5760	8:00:25 AM	0.016	0.016	0.0	0.0	0.0
5820	8:01:25 AM	0.019	0.015	0.0	0.0	0.0
5880	8:02:25 AM	0.016	0.015	0.0	0.0	0.0
5940	8:03:25 AM	0.015	0.015	0.0	0.0	0.0
6000	8:04:25 AM	0.014	0.015	0.0	0.0	0.0
6060	8:05:25 AM	0.014	0.015	0.0	0.0	0.0
6120	8:06:25 AM	0.015	0.015	0.0	0.0	0.0
6180	8:07:25 AM	0.014	0.015	0.0	0.0	0.0
6240	8:08:25 AM	0.015	0.015	0.0	0.0	0.0
6300	8:09:25 AM	0.016	0.016	0.0	0.0	0.0
6360	8:10:25 AM	0.016	0.016	0.0	0.0	0.0
6420	8:11:25 AM	0.016	0.016	0.0	0.0	0.0
6480	8:12:25 AM	0.016	0.016	0.0	0.0	0.0
6540	8:13:25 AM	0.016	0.016	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:14:25 AM	0.016	0.015	0.0	0.0	0.0
6660	8:15:25 AM	0.014	0.015	0.0	0.0	0.0
6720	8:16:25 AM	0.015	0.015	0.0	0.0	0.0
6780	8:17:25 AM	0.015	0.015	0.0	0.0	0.0
6840	8:18:25 AM	0.015	0.015	0.0	0.0	0.0
6900	8:19:25 AM	0.017	0.015	0.0	0.0	0.0
6960	8:20:25 AM	0.014	0.015	0.0	0.0	0.0
7020	8:21:25 AM	0.015	0.015	0.0	0.0	0.0
7080	8:22:25 AM	0.016	0.015	0.0	0.0	0.0
7140	8:23:25 AM	0.016	0.015	0.0	0.0	0.0
7200	8:24:25 AM	0.018	0.015	0.0	0.0	0.0
7260	8:25:25 AM	0.017	0.015	0.0	0.0	0.0
7320	8:26:25 AM	0.015	0.014	0.0	0.0	0.0
7380	8:27:25 AM	0.014	0.014	0.0	0.0	0.0
7440	8:28:25 AM	0.013	0.014	0.0	0.0	0.0
7500	8:29:25 AM	0.013	0.014	0.0	0.0	0.0
7560	8:30:25 AM	0.014	0.014	0.0	0.0	0.0
7620	8:31:25 AM	0.017	0.014	0.0	0.0	0.0
7680	8:32:25 AM	0.014	0.014	0.0	0.0	0.0
7740	8:33:25 AM	0.014	0.014	0.0	0.0	0.0
7800	8:34:25 AM	0.013	0.014	0.0	0.0	0.0
7860	8:35:25 AM	0.017	0.014	0.0	0.0	0.0
7920	8:36:25 AM	0.017	0.014	0.0	0.0	0.0
7980	8:37:25 AM	0.013	0.014	0.0	0.0	0.0
8040	8:38:25 AM	0.014	0.014	0.0	0.0	0.0
8100	8:39:25 AM	0.013	0.014	0.0	0.0	0.0
8160	8:40:25 AM	0.014	0.014	0.0	0.0	0.0
8220	8:41:25 AM	0.013	0.014	0.0	0.0	0.0
8280	8:42:25 AM	0.015	0.014	0.0	0.0	0.0
8340	8:43:25 AM	0.014	0.014	0.0	0.0	0.0
8400	8:44:25 AM	0.013	0.014	0.0	0.0	0.0
8460	8:45:25 AM	0.013	0.014	0.0	0.0	0.0
8520	8:46:25 AM	0.015	0.014	0.0	0.0	0.0
8580	8:47:25 AM	0.015	0.014	0.0	0.0	0.0
8640	8:48:25 AM	0.014	0.014	0.0	0.0	0.0
8700	8:49:25 AM	0.015	0.014	0.0	0.0	0.0
8760	8:50:25 AM	0.013	0.014	0.0	0.0	0.0
8820	8:51:25 AM	0.013	0.014	0.0	0.0	0.0
8880	8:52:25 AM	0.016	0.014	0.0	0.0	0.0
8940	8:53:25 AM	0.013	0.014	0.0	0.0	0.0
9000	8:54:25 AM	0.014	0.014	0.0	0.0	0.0
9060	8:55:25 AM	0.016	0.014	0.0	0.0	0.0
9120	8:56:25 AM	0.014	0.014	0.0	0.0	0.0
9180	8:57:25 AM	0.014	0.014	0.0	0.0	0.0
9240	8:58:25 AM	0.014	0.014	0.0	0.0	0.0
9300	8:59:25 AM	0.014	0.014	0.0	0.0	0.0
9360	9:00:25 AM	0.013	0.014	0.0	0.0	0.0
9420	9:01:25 AM	0.012	0.014	0.0	0.0	0.0
9480	9:02:25 AM	0.013	0.014	0.0	0.0	0.0
9540	9:03:25 AM	0.014	0.014	0.0	0.0	0.0
9600	9:04:25 AM	0.014	0.014	0.0	0.0	0.0
9660	9:05:25 AM	0.014	0.014	0.0	0.0	0.0
9720	9:06:25 AM	0.015	0.014	0.0	0.0	0.0
9780	9:07:25 AM	0.014	0.014	0.0	0.0	0.0
9840	9:08:25 AM	0.014	0.014	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	9:09:25 AM	0.019	0.014	0.0	0.0	0.0
9960	9:10:25 AM	0.015	0.014	0.0	0.0	0.0
10020	9:11:25 AM	0.016	0.014	0.0	0.0	0.0
10080	9:12:25 AM	0.014	0.014	0.0	0.0	0.0
10140	9:13:25 AM	0.014	0.014	0.0	0.0	0.0
10200	9:14:25 AM	0.014	0.014	0.0	0.0	0.0
10260	9:15:25 AM	0.013	0.014	0.0	0.0	0.0
10320	9:16:25 AM	0.013	0.014	0.0	0.0	0.0
10380	9:17:25 AM	0.014	0.014	0.0	0.0	0.0
10440	9:18:25 AM	0.014	0.014	0.0	0.0	0.0
10500	9:19:25 AM	0.014	0.014	0.0	0.0	0.0
10560	9:20:25 AM	0.014	0.014	0.0	0.0	0.0
10620	9:21:25 AM	0.013	0.014	0.0	0.0	0.0
10680	9:22:25 AM	0.014	0.015	0.0	0.0	0.0
10740	9:23:25 AM	0.015	0.015	0.0	0.0	0.0
10800	9:24:25 AM	0.014	0.014	0.0	0.0	0.0
10860	9:25:25 AM	0.014	0.015	0.0	0.0	0.0
10920	9:26:25 AM	0.015	0.015	0.0	0.0	0.0
10980	9:27:25 AM	0.014	0.015	0.0	0.0	0.0
11040	9:28:25 AM	0.014	0.015	0.0	0.0	0.0
11100	9:29:25 AM	0.015	0.015	0.0	0.0	0.0
11160	9:30:25 AM	0.014	0.015	0.0	0.0	0.0
11220	9:31:25 AM	0.014	0.015	0.0	0.0	0.0
11280	9:32:25 AM	0.014	0.015	0.0	0.0	0.0
11340	9:33:25 AM	0.017	0.015	0.0	0.0	0.0
11400	9:34:25 AM	0.015	0.015	0.0	0.0	0.0
11460	9:35:25 AM	0.015	0.015	0.0	0.0	0.0
11520	9:36:25 AM	0.014	0.015	0.0	0.0	0.0
11580	9:37:25 AM	0.014	0.015	0.0	0.0	0.0
11640	9:38:25 AM	0.014	0.015	0.0	0.0	0.0
11700	9:39:25 AM	0.016	0.015	0.0	0.0	0.0
11760	9:40:25 AM	0.016	0.015	0.0	0.0	0.0
11820	9:41:25 AM	0.015	0.015	0.0	0.0	0.0
11880	9:42:25 AM	0.017	0.015	0.0	0.0	0.0
11940	9:43:25 AM	0.016	0.015	0.0	0.0	0.0
12000	9:44:25 AM	0.014	0.015	0.0	0.0	0.0
12060	9:45:25 AM	0.014	0.015	0.0	0.0	0.0
12120	9:46:25 AM	0.014	0.015	0.0	0.0	0.0
12180	9:47:25 AM	0.015	0.015	0.0	0.0	0.0
12240	9:48:25 AM	0.017	0.015	0.0	0.0	0.0
12300	9:49:25 AM	0.014	0.015	0.0	0.0	0.0
12360	9:50:25 AM	0.015	0.015	0.0	0.0	0.0
12420	9:51:25 AM	0.014	0.015	0.0	0.0	0.0
12480	9:52:25 AM	0.015	0.015	0.0	0.0	0.0
12540	9:53:25 AM	0.015	0.015	0.0	0.0	0.0
12600	9:54:25 AM	0.015	0.015	0.0	0.0	0.0
12660	9:55:25 AM	0.014	0.015	0.0	0.0	0.0
12720	9:56:25 AM	0.015	0.015	0.0	0.0	0.0
12780	9:57:25 AM	0.015	0.015	0.0	0.0	0.0
12840	9:58:25 AM	0.014	0.015	0.0	0.0	0.0
12900	9:59:25 AM	0.015	0.015	0.0	0.0	0.0
12960	10:00:25 AM	0.019	0.015	0.0	0.0	0.0
13020	10:01:25 AM	0.015	0.014	0.0	0.0	0.0
13080	10:02:25 AM	0.014	0.014	0.0	0.0	0.0
13140	10:03:25 AM	0.014	0.014	0.0	0.0	0.0

CAMP Station
CHA - 1

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	10:04:25 AM	0.015	0.014	0.0	0.0	0.0
13260	10:05:25 AM	0.014	0.014	0.0	0.0	0.0
13320	10:06:25 AM	0.014	0.014	0.0	0.0	0.0
13380	10:07:25 AM	0.014	0.014	0.0	0.0	0.0
13440	10:08:25 AM	0.016	0.014	0.0	0.0	0.0
13500	10:09:25 AM	0.013	0.014	0.0	0.0	0.0
13560	10:10:25 AM	0.015	0.014	0.0	0.0	0.0
13620	10:11:25 AM	0.015	0.014	0.0	0.0	0.0
13680	10:12:25 AM	0.014	0.014	0.0	0.0	0.0
13740	10:13:25 AM	0.013	0.014	0.0	0.0	0.0
13800	10:14:25 AM	0.014	0.014	0.0	0.0	0.0
13860	10:15:25 AM	0.014	0.014	0.0	0.0	0.0
13920	10:16:25 AM	0.014	0.014	0.0	0.0	0.0
13980	10:17:25 AM	0.014	0.014	0.0	0.0	0.0
14040	10:18:25 AM	0.014	0.014	0.0	0.0	0.0
14100	10:19:25 AM	0.015	0.014	0.0	0.0	0.0
14160	10:20:25 AM	0.014	0.013	0.0	0.0	0.0
14220	10:21:25 AM	0.014	0.013	0.0	0.0	0.0
14280	10:22:25 AM	0.014	0.014	0.0	0.0	0.0
14340	10:23:25 AM	0.013	0.014	0.0	0.0	0.0
14400	10:24:25 AM	0.013	0.014	0.0	0.0	0.0
14460	10:25:25 AM	0.015	0.014	0.0	0.0	0.0
14520	10:26:25 AM	0.014	0.014	0.0	0.0	0.0
14580	10:27:25 AM	0.014	0.014	0.0	0.0	0.0
14640	10:28:25 AM	0.013	0.014	0.0	0.0	0.0
14700	10:29:25 AM	0.013	0.014	0.0	0.0	0.0
14760	10:30:25 AM	0.013	0.014	0.0	0.0	0.0
14820	10:31:25 AM	0.013	0.014	0.0	0.0	0.0
14880	10:32:25 AM	0.013	0.014	0.0	0.0	0.0
14940	10:33:25 AM	0.013	0.014	0.0	0.0	0.0
15000	10:34:25 AM	0.013	0.014	0.0	0.0	0.0
15060	10:35:25 AM	0.014	0.014	0.0	0.0	0.0
15120	10:36:25 AM	0.016	0.014	0.0	0.0	0.0
15180	10:37:25 AM	0.018	0.014	0.0	0.0	0.0
15240	10:38:25 AM	0.015	0.014	0.0	0.0	0.0
15300	10:39:25 AM	0.014	0.014	0.0	0.0	0.0
15360	10:40:25 AM	0.014	0.014	0.0	0.0	0.0
15420	10:41:25 AM	0.015	0.014	0.0	0.0	0.0
15480	10:42:25 AM	0.014	0.014	0.0	0.0	0.0
15540	10:43:25 AM	0.013	0.014	0.0	0.0	0.0
15600	10:44:25 AM	0.014	0.014	0.0	0.0	0.0
15660	10:45:25 AM	0.014	0.014	0.0	0.0	0.0
15720	10:46:25 AM	0.014	0.014	0.0	0.0	0.0
15780	10:47:25 AM	0.014	0.014	0.0	0.0	0.0
15840	10:48:25 AM	0.013	0.014	0.0	0.0	0.0
15900	10:49:25 AM	0.014	0.014	0.0	0.0	0.0
15960	10:50:25 AM	0.014	0.014	0.0	0.0	0.0
16020	10:51:25 AM	0.014	0.014	0.0	0.0	0.0
16080	10:52:25 AM	0.013	0.014	0.0	0.0	0.0
16140	10:53:25 AM	0.014	0.014	0.0	0.0	0.0
16200	10:54:25 AM	0.015	0.014	0.0	0.0	0.0
16260	10:55:25 AM	0.014	0.014	0.0	0.0	0.0
16320	10:56:25 AM	0.015	0.014	0.0	0.0	0.0
16380	10:57:25 AM	0.016	0.014	0.0	0.0	0.0
16440	10:58:25 AM	0.015	0.014	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	10:59:25 AM	0.016	0.014	0.0	0.0	0.0
16560	11:00:25 AM	0.014	0.014	0.0	0.0	0.0
16620	11:01:25 AM	0.014	0.014	0.0	0.0	0.0
16680	11:02:25 AM	0.014	0.014	0.0	0.0	0.0
16740	11:03:25 AM	0.014	0.014	0.0	0.0	0.0
16800	11:04:25 AM	0.014	0.014	0.0	0.0	0.0
16860	11:05:25 AM	0.014	0.014	0.0	0.0	0.0
16920	11:06:25 AM	0.014	0.014	0.0	0.0	0.0
16980	11:07:25 AM	0.014	0.014	0.0	0.0	0.0
17040	11:08:25 AM	0.014	0.014	0.0	0.0	0.0
17100	11:09:25 AM	0.014	0.014	0.0	0.0	0.0
17160	11:10:25 AM	0.014	0.015	0.0	0.0	0.0
17220	11:11:25 AM	0.014	0.015	0.0	0.0	0.0
17280	11:12:25 AM	0.014	0.015	0.0	0.0	0.0
17340	11:13:25 AM	0.014	0.015	0.0	0.0	0.0
17400	11:14:25 AM	0.014	0.015	0.0	0.0	0.0
17460	11:15:25 AM	0.014	0.015	0.0	0.0	0.0
17520	11:16:25 AM	0.014	0.015	0.0	0.0	0.0
17580	11:17:25 AM	0.014	0.015	0.0	0.0	0.0
17640	11:18:25 AM	0.016	0.015	0.0	0.0	0.0
17700	11:19:25 AM	0.015	0.015	0.0	0.0	0.0
17760	11:20:25 AM	0.016	0.014	0.0	0.0	0.0
17820	11:21:25 AM	0.015	0.014	0.0	0.0	0.0
17880	11:22:25 AM	0.014	0.014	0.0	0.0	0.0
17940	11:23:25 AM	0.015	0.015	0.0	0.0	0.0
18000	11:24:25 AM	0.015	0.015	0.0	0.0	0.0
18060	11:25:25 AM	0.015	0.015	0.0	0.0	0.0
18120	11:26:25 AM	0.015	0.015	0.0	0.0	0.0
18180	11:27:25 AM	0.015	0.015	0.0	0.0	0.0
18240	11:28:25 AM	0.014	0.015	0.0	0.0	0.0
18300	11:29:25 AM	0.013	0.015	0.0	0.0	0.0
18360	11:30:25 AM	0.013	0.016	0.0	0.0	0.0
18420	11:31:25 AM	0.013	0.016	0.0	0.0	0.0
18480	11:32:25 AM	0.015	0.016	0.0	0.0	0.0
18540	11:33:25 AM	0.015	0.016	0.0	0.0	0.0
18600	11:34:25 AM	0.014	0.016	0.0	0.0	0.0
18660	11:35:25 AM	0.014	0.016	0.0	0.0	0.0
18720	11:36:25 AM	0.015	0.016	0.0	0.0	0.0
18780	11:37:25 AM	0.018	0.016	0.0	0.0	0.0
18840	11:38:25 AM	0.018	0.016	0.0	0.0	0.0
18900	11:39:25 AM	0.017	0.016	0.0	0.0	0.0
18960	11:40:25 AM	0.014	0.016	0.0	0.0	0.0
19020	11:41:25 AM	0.017	0.016	0.0	0.0	0.0
19080	11:42:25 AM	0.017	0.015	0.0	0.0	0.0
19140	11:43:25 AM	0.017	0.015	0.0	0.0	0.0
19200	11:44:25 AM	0.018	0.015	0.0	0.0	0.0
19260	11:45:25 AM	0.019	0.015	0.0	0.0	0.0
19320	11:46:25 AM	0.016	0.014	0.0	0.0	0.0
19380	11:47:25 AM	0.016	0.014	0.0	0.0	0.0
19440	11:48:25 AM	0.014	0.014	0.0	0.0	0.0
19500	11:49:25 AM	0.015	0.014	0.0	0.0	0.0
19560	11:50:25 AM	0.015	0.014	0.0	0.0	0.0
19620	11:51:25 AM	0.014	0.014	0.0	0.0	0.0
19680	11:52:25 AM	0.014	0.014	0.0	0.0	0.0
19740	11:53:25 AM	0.013	0.014	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	11:54:25 AM	0.014	0.014	0.0	0.0	0.0
19860	11:55:25 AM	0.014	0.014	0.0	0.0	0.0
19920	11:56:25 AM	0.014	0.014	0.0	0.0	0.0
19980	11:57:25 AM	0.014	0.014	0.0	0.0	0.0
20040	11:58:25 AM	0.014	0.014	0.0	0.0	0.0
20100	11:59:25 AM	0.014	0.014	0.0	0.0	0.0
20160	12:00:25 PM	0.014	0.014	0.0	0.0	0.0
20220	12:01:25 PM	0.014	0.014	0.0	0.0	0.0
20280	12:02:25 PM	0.014	0.013	0.0	0.0	0.0
20340	12:03:25 PM	0.014	0.013	0.0	0.0	0.0
20400	12:04:25 PM	0.014	0.013	0.0	0.0	0.0
20460	12:05:25 PM	0.014	0.013	0.0	0.0	0.0
20520	12:06:25 PM	0.014	0.013	0.0	0.0	0.0
20580	12:07:25 PM	0.014	0.013	0.0	0.0	0.0
20640	12:08:25 PM	0.014	0.013	0.0	0.0	0.0
20700	12:09:25 PM	0.013	0.013	0.0	0.0	0.0
20760	12:10:25 PM	0.013	0.013	0.0	0.0	0.0
20820	12:11:25 PM	0.013	0.013	0.0	0.0	0.0
20880	12:12:25 PM	0.013	0.013	0.0	0.0	0.0
20940	12:13:25 PM	0.013	0.013	0.0	0.0	0.0
21000	12:14:25 PM	0.013	0.013	0.0	0.0	0.0
21060	12:15:25 PM	0.013	0.013	0.0	0.0	0.0
21120	12:16:25 PM	0.013	0.013	0.0	0.0	0.0
21180	12:17:25 PM	0.013	0.013	0.0	0.0	0.0
21240	12:18:25 PM	0.013	0.013	0.0	0.0	0.0
21300	12:19:25 PM	0.013	0.013	0.0	0.0	0.0
21360	12:20:25 PM	0.013	0.013	0.0	0.0	0.0
21420	12:21:25 PM	0.013	0.013	0.0	0.0	0.0
21480	12:22:25 PM	0.016	0.013	0.0	0.0	0.0
21540	12:23:25 PM	0.014	0.013	0.0	0.0	0.0
21600	12:24:25 PM	0.015	0.013	0.0	0.0	0.0
21660	12:25:25 PM	0.013	0.013	0.0	0.0	0.0
21720	12:26:25 PM	0.013	0.013	0.0	0.0	0.0
21780	12:27:25 PM	0.013	0.013	0.0	0.0	0.0
21840	12:28:25 PM	0.013	0.013	0.0	0.0	0.0
21900	12:29:25 PM	0.013	0.013	0.0	0.0	0.0
21960	12:30:25 PM	0.013	0.013	0.0	0.0	0.0
22020	12:31:25 PM	0.014	0.013	0.0	0.0	0.0
22080	12:32:25 PM	0.013	0.013	0.0	0.0	0.0
22140	12:33:25 PM	0.013	0.013	0.0	0.0	0.0
22200	12:34:25 PM	0.013	0.013	0.0	0.0	0.0
22260	12:35:25 PM	0.013	0.013	0.0	0.0	0.0
22320	12:36:25 PM	0.013	0.013	0.0	0.0	0.0
22380	12:37:25 PM	0.013	0.013	0.0	0.0	0.0
22440	12:38:25 PM	0.013	0.013	0.0	0.0	0.0
22500	12:39:25 PM	0.013	0.013	0.0	0.0	0.0
22560	12:40:25 PM	0.013	0.013	0.0	0.0	0.0
22620	12:41:25 PM	0.013	0.013	0.0	0.0	0.0
22680	12:42:25 PM	0.013	0.013	0.0	0.0	0.0
22740	12:43:25 PM	0.013	0.013	0.0	0.0	0.0
22800	12:44:25 PM	0.013	0.013	0.0	0.0	0.0
22860	12:45:25 PM	0.013	0.013	0.0	0.0	0.0
22920	12:46:25 PM	0.013	0.013	0.0	0.0	0.0
22980	12:47:25 PM	0.013	0.013	0.0	0.0	0.0
23040	12:48:25 PM	0.013	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	12:49:25 PM	0.014	0.013	0.0	0.0	0.0
23160	12:50:25 PM	0.013	0.013	0.0	0.0	0.0
23220	12:51:25 PM	0.013	0.013	0.0	0.0	0.0
23280	12:52:25 PM	0.013	0.013	0.0	0.0	0.0
23340	12:53:25 PM	0.013	0.013	0.0	0.0	0.0
23400	12:54:25 PM	0.013	0.013	0.0	0.0	0.0
23460	12:55:25 PM	0.013	0.013	0.0	0.0	0.0
23520	12:56:25 PM	0.013	0.013	0.0	0.0	0.0
23580	12:57:25 PM	0.013	0.013	0.0	0.0	0.0
23640	12:58:25 PM	0.013	0.013	0.0	0.0	0.0
23700	12:59:25 PM	0.013	0.013	0.0	0.0	0.0
23760	1:00:25 PM	0.013	0.013	0.0	0.0	0.0
23820	1:01:25 PM	0.013	0.013	0.0	0.0	0.0
23880	1:02:25 PM	0.013	0.013	0.0	0.0	0.0
23940	1:03:25 PM	0.013	0.013	0.0	0.0	0.0
24000	1:04:25 PM	0.013	0.013	0.0	0.0	0.0
24060	1:05:25 PM	0.013	0.013	0.0	0.0	0.0
24120	1:06:25 PM	0.013	0.013	0.0	0.0	0.0
24180	1:07:25 PM	0.014	0.013	0.0	0.0	0.0
24240	1:08:25 PM	0.013	0.013	0.0	0.0	0.0
24300	1:09:25 PM	0.013	0.013	0.0	0.0	0.0
24360	1:10:25 PM	0.013	0.013	0.0	0.0	0.0
24420	1:11:25 PM	0.014	0.013	0.0	0.0	0.0
24480	1:12:25 PM	0.015	0.013	0.0	0.0	0.0
24540	1:13:25 PM	0.014	0.013	0.0	0.0	0.0
24600	1:14:25 PM	0.013	0.013	0.0	0.0	0.0
24660	1:15:25 PM	0.014	0.013	0.0	0.0	0.0
24720	1:16:25 PM	0.013	0.013	0.0	0.0	0.0
24780	1:17:25 PM	0.013	0.013	0.0	0.0	0.0
24840	1:18:25 PM	0.013	0.013	0.0	0.0	0.0
24900	1:19:25 PM	0.012	0.013	0.0	0.0	0.0
24960	1:20:25 PM	0.012	0.013	0.0	0.0	0.0
25020	1:21:25 PM	0.013	0.013	0.0	0.0	0.0
25080	1:22:25 PM	0.012	0.013	0.0	0.0	0.0
25140	1:23:25 PM	0.012	0.013	0.0	0.0	0.0
25200	1:24:25 PM	0.012	0.013	0.0	0.0	0.0
25260	1:25:25 PM	0.013	0.013	0.0	0.0	0.0
25320	1:26:25 PM	0.013	0.013	0.0	0.0	0.0
25380	1:27:25 PM	0.013	0.013	0.0	0.0	0.0
25440	1:28:25 PM	0.014	0.013	0.0	0.0	0.0
25500	1:29:25 PM	0.013	0.013	0.0	0.0	0.0
25560	1:30:25 PM	0.015	0.013	0.0	0.0	0.0
25620	1:31:25 PM	0.013	0.013	0.0	0.0	0.0
25680	1:32:25 PM	0.013	0.013	0.0	0.0	0.0
25740	1:33:25 PM	0.013	0.013	0.0	0.0	0.0
25800	1:34:25 PM	0.013	0.013	0.0	0.0	0.0
25860	1:35:25 PM	0.012	0.013	0.0	0.0	0.0
25920	1:36:25 PM	0.012	0.013	0.0	0.0	0.0
25980	1:37:25 PM	0.012	0.013	0.0	0.0	0.0
26040	1:38:25 PM	0.012	0.013	0.0	0.0	0.0
26100	1:39:25 PM	0.012	0.013	0.0	0.0	0.0
26160	1:40:25 PM	0.013	0.013	0.0	0.0	0.0
26220	1:41:25 PM	0.012	0.013	0.0	0.0	0.0
26280	1:42:25 PM	0.013	0.013	0.0	0.0	0.0
26340	1:43:25 PM	0.013	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
26400	1:44:25 PM	0.013	0.013	0.0	0.0	0.0
26460	1:45:25 PM	0.013	0.013	0.0	0.0	0.0
26520	1:46:25 PM	0.013	0.013	0.0	0.0	0.0
26580	1:47:25 PM	0.012	0.013	0.0	0.0	0.0
26640	1:48:25 PM	0.013	0.013	0.0	0.0	0.0
26700	1:49:25 PM	0.013	0.014	0.0	0.0	0.0
26760	1:50:25 PM	0.013	0.014	0.0	0.0	0.0
26820	1:51:25 PM	0.013	0.014	0.0	0.0	0.0
26880	1:52:25 PM	0.013	0.014	0.0	0.0	0.0
26940	1:53:25 PM	0.013	0.014	0.0	0.0	0.0
27000	1:54:25 PM	0.013	0.014	0.0	0.0	0.0
27060	1:55:25 PM	0.013	0.014	0.0	0.0	0.0
27120	1:56:25 PM	0.013	0.014	0.0	0.0	0.0
27180	1:57:25 PM	0.013	0.014	0.0	0.0	0.0
27240	1:58:25 PM	0.014	0.014	0.0	0.0	0.0
27300	1:59:25 PM	0.014	0.014	0.0	0.0	0.0
27360	2:00:25 PM	0.014	0.014	0.0	0.0	0.0
27420	2:01:25 PM	0.015	0.014	0.0	0.0	0.0
27480	2:02:25 PM	0.014	0.014	0.0	0.0	0.0
27540	2:03:25 PM	0.015	0.014	0.0	0.0	0.0
27600	2:04:25 PM	0.015	0.014	0.0	0.0	0.0
27660	2:05:25 PM	0.015	0.014	0.0	0.0	0.0
27720	2:06:25 PM	0.015	0.014	0.0	0.0	0.0
27780	2:07:25 PM	0.014	0.014	0.0	0.0	0.0
27840	2:08:25 PM	0.014	0.014	0.0	0.0	0.0
27900	2:09:25 PM	0.014	0.014	0.0	0.0	0.0
27960	2:10:25 PM	0.014	0.014	0.0	0.0	0.0
28020	2:11:25 PM	0.015	0.015	0.0	0.0	0.0
28080	2:12:25 PM	0.014	0.015	0.0	0.0	0.0
28140	2:13:25 PM	0.014	0.015	0.0	0.0	0.0
28200	2:14:25 PM	0.014	0.015	0.0	0.0	0.0
28260	2:15:25 PM	0.015	0.015	0.0	0.0	0.0
28320	2:16:25 PM	0.015	0.015	0.0	0.0	0.0
28380	2:17:25 PM	0.014	0.015	0.0	0.0	0.0
28440	2:18:25 PM	0.014	0.015	0.0	0.0	0.0
28500	2:19:25 PM	0.014	0.015	0.0	0.0	0.0
28560	2:20:25 PM	0.014	0.016	0.0	0.0	0.0
28620	2:21:25 PM	0.014	0.016	0.0	0.0	0.0
28680	2:22:25 PM	0.015	0.016	0.0	0.0	0.0
28740	2:23:25 PM	0.015	0.016	0.0	0.0	0.0
28800	2:24:25 PM	0.015	0.016	0.0	0.0	0.0
28860	2:25:25 PM	0.016	0.016	0.0	0.0	0.0
28920	2:26:25 PM	0.016	0.016	0.0	0.0	0.0
28980	2:27:25 PM	0.015	0.016	0.0	0.0	0.0
29040	2:28:25 PM	0.015	0.016	0.0	0.0	0.0
29100	2:29:25 PM	0.016	0.016	0.0	0.0	0.0
29160	2:30:25 PM	0.016	0.016	0.0	0.0	0.0
29220	2:31:25 PM	0.017	0.016	0.0	0.0	0.0
29280	2:32:25 PM	0.017	0.016	0.0	0.0	0.0
29340	2:33:25 PM	0.017	0.016	0.0	0.0	0.0
29400	2:34:25 PM	0.016	0.016	0.0	0.0	0.0
29460	2:35:25 PM	0.016	0.016	0.0	0.0	0.0
29520	2:36:25 PM	0.016	0.016	0.0	0.0	0.0
29580	2:37:25 PM	0.016	0.016	0.0	0.0	0.0
29640	2:38:25 PM	0.016	0.016	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
29700	2:39:25 PM	0.016	0.016	0.0	0.0	0.0
29760	2:40:25 PM	0.016	0.016	0.0	0.0	0.0
29820	2:41:25 PM	0.016	0.016	0.0	0.0	0.0
29880	2:42:25 PM	0.016	0.016	0.0	0.0	0.0
29940	2:43:25 PM	0.016	0.016	0.0	0.0	0.0
30000	2:44:25 PM	0.016	0.016	0.0	0.0	0.0
30060	2:45:25 PM	0.016	0.016	0.0	0.0	0.0
30120	2:46:25 PM	0.016	0.016	0.0	0.0	0.0
30180	2:47:25 PM	0.016	0.016	0.0	0.0	0.0
30240	2:48:25 PM	0.016	0.017	0.0	0.0	0.0
30300	2:49:25 PM	0.016	0.017	0.0	0.0	0.0
30360	2:50:25 PM	0.016	0.017	0.0	0.0	0.0
30420	2:51:25 PM	0.016	0.017	0.0	0.0	0.0
30480	2:52:25 PM	0.017	0.017	0.0	0.0	0.0
30540	2:53:25 PM	0.017	0.017	0.0	0.0	0.0
30600	2:54:25 PM	0.016	0.017	0.0	0.0	0.0
30660	2:55:25 PM	0.017	0.017	0.0	0.0	0.0
30720	2:56:25 PM	0.017	0.017	0.0	0.0	0.0
30780	2:57:25 PM	0.016	0.017	0.0	0.0	0.0
30840	2:58:25 PM	0.017	0.017	0.0	0.0	0.0
30900	2:59:25 PM	0.017	0.017	0.0	0.0	0.0
30960	3:00:25 PM	0.017	0.017	0.0	0.0	0.0
31020	3:01:25 PM	0.016	0.017	0.0	0.0	0.0
31080	3:02:25 PM	0.017	0.017	0.0	0.0	0.0
31140	3:03:25 PM	0.017	0.017	0.0	0.0	0.0
31200	3:04:25 PM	0.016	0.017	0.0	0.0	0.0
31260	3:05:25 PM	0.017	0.017	0.0	0.0	0.0
31320	3:06:25 PM	0.016	0.017	0.0	0.0	0.0
31380	3:07:25 PM	0.017	0.017	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/27/19 6:26 AM						
60	6:26:44 AM	0.027	0.007	0.0	0.0	0.0
120	6:27:44 AM	0.013	0.007	0.0	0.0	0.0
180	6:28:44 AM	0.009	0.007	0.0	0.0	0.0
240	6:29:44 AM	0.007	0.008	0.0	0.0	0.0
300	6:30:44 AM	0.005	0.008	0.0	0.0	0.0
360	6:31:44 AM	0.004	0.009	0.0	0.0	0.0
420	6:32:44 AM	0.003	0.009	0.0	0.0	0.0
480	6:33:44 AM	0.002	0.010	0.0	0.0	0.0
540	6:34:44 AM	0.002	0.012	0.0	0.0	0.0
600	6:35:44 AM	0.001	0.013	0.0	0.0	0.0
660	6:36:44 AM	0.001	0.015	0.0	0.0	0.0
720	6:37:44 AM	0.001	0.016	0.0	0.0	0.0
780	6:38:44 AM	0.001	0.018	0.0	0.0	0.0
840	6:39:44 AM	0.007	0.020	0.0	0.0	0.0
900	6:40:44 AM	0.029	0.022	0.0	0.0	0.0
960	6:41:44 AM	0.017	0.022	0.0	0.0	0.0
1020	6:42:44 AM	0.017	0.023	0.0	0.0	0.0
1080	6:43:44 AM	0.016	0.024	0.0	0.0	0.0
1140	6:44:44 AM	0.015	0.025	0.0	0.0	0.0
1200	6:45:44 AM	0.015	0.026	0.0	0.0	0.0
1260	6:46:44 AM	0.015	0.028	0.0	0.0	0.0
1320	6:47:44 AM	0.016	0.029	0.0	0.0	0.0
1380	6:48:44 AM	0.023	0.029	0.0	0.0	0.0
1440	6:49:44 AM	0.022	0.029	0.0	0.0	0.0
1500	6:50:44 AM	0.024	0.029	0.0	0.0	0.0
1560	6:51:44 AM	0.028	0.029	0.0	0.0	0.0
1620	6:52:44 AM	0.032	0.029	0.0	0.0	0.0
1680	6:53:44 AM	0.031	0.028	0.0	0.0	0.0
1740	6:54:44 AM	0.028	0.027	0.0	0.0	0.0
1800	6:55:44 AM	0.031	0.027	0.0	0.0	0.0
1860	6:56:44 AM	0.03	0.026	0.0	0.0	0.0
1920	6:57:44 AM	0.034	0.026	0.0	0.0	0.0
1980	6:58:44 AM	0.025	0.025	0.0	0.0	0.0
2040	6:59:44 AM	0.03	0.026	0.1	0.3	0.0
2100	7:00:44 AM	0.045	0.026	0.1	0.3	0.0
2160	7:01:44 AM	0.029	0.025	0.0	0.0	0.0
2220	7:02:44 AM	0.019	0.025	0.0	0.0	0.0
2280	7:03:44 AM	0.022	0.025	0.0	0.0	0.0
2340	7:04:44 AM	0.024	0.025	0.0	0.0	0.0
2400	7:05:44 AM	0.025	0.025	0.0	0.0	0.0
2460	7:06:44 AM	0.023	0.025	0.0	0.0	0.0
2520	7:07:44 AM	0.02	0.025	0.0	0.0	0.0
2580	7:08:44 AM	0.019	0.026	0.0	0.0	0.1
2640	7:09:44 AM	0.023	0.027	0.0	0.0	0.1
2700	7:10:44 AM	0.022	0.027	0.0	0.0	0.1
2760	7:11:44 AM	0.024	0.027	0.0	0.0	0.1
2820	7:12:44 AM	0.032	0.026	0.0	0.0	0.1
2880	7:13:44 AM	0.028	0.026	0.0	0.0	0.1
2940	7:14:44 AM	0.028	0.025	0.0	0.0	0.1
3000	7:15:44 AM	0.03	0.025	0.1	0.8	0.1
3060	7:16:44 AM	0.033	0.024	0.2	0.7	0.1
3120	7:17:44 AM	0.028	0.024	0.1	0.2	0.1
3180	7:18:44 AM	0.022	0.024	0.0	0.0	0.1
3240	7:19:44 AM	0.023	0.024	0.0	0.0	0.1

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:20:44 AM	0.023	0.025	0.0	0.0	0.1
3360	7:21:44 AM	0.025	0.025	0.2	1.0	0.1
3420	7:22:44 AM	0.029	0.025	0.6	1.0	0.0
3480	7:23:44 AM	0.029	0.024	0.1	0.7	0.0
3540	7:24:44 AM	0.022	0.024	0.0	0.0	0.0
3600	7:25:44 AM	0.024	0.023	0.0	0.0	0.0
3660	7:26:44 AM	0.019	0.024	0.0	0.0	0.0
3720	7:27:44 AM	0.021	0.024	0.0	0.0	0.0
3780	7:28:44 AM	0.02	0.024	0.0	0.0	0.0
3840	7:29:44 AM	0.026	0.024	0.0	0.0	0.0
3900	7:30:44 AM	0.023	0.024	0.0	0.0	0.0
3960	7:31:44 AM	0.022	0.023	0.0	0.0	0.0
4020	7:32:44 AM	0.028	0.023	0.0	0.0	0.0
4080	7:33:44 AM	0.031	0.023	0.0	0.0	0.0
4140	7:34:44 AM	0.033	0.022	0.0	0.0	0.0
4200	7:35:44 AM	0.027	0.021	0.0	0.0	0.0
4260	7:36:44 AM	0.024	0.020	0.0	0.0	0.0
4320	7:37:44 AM	0.015	0.020	0.0	0.0	0.0
4380	7:38:44 AM	0.022	0.020	0.0	0.0	0.0
4440	7:39:44 AM	0.016	0.020	0.0	0.0	0.0
4500	7:40:44 AM	0.03	0.020	0.0	0.0	0.0
4560	7:41:44 AM	0.022	0.019	0.0	0.0	0.0
4620	7:42:44 AM	0.026	0.019	0.0	0.0	0.0
4680	7:43:44 AM	0.017	0.018	0.0	0.0	0.0
4740	7:44:44 AM	0.018	0.018	0.0	0.0	0.0
4800	7:45:44 AM	0.021	0.019	0.0	0.0	0.0
4860	7:46:44 AM	0.019	0.019	0.0	0.0	0.0
4920	7:47:44 AM	0.019	0.019	0.0	0.0	0.0
4980	7:48:44 AM	0.016	0.019	0.0	0.0	0.0
5040	7:49:44 AM	0.021	0.019	0.0	0.0	0.0
5100	7:50:44 AM	0.017	0.019	0.0	0.0	0.0
5160	7:51:44 AM	0.019	0.019	0.0	0.0	0.0
5220	7:52:44 AM	0.019	0.019	0.0	0.0	0.0
5280	7:53:44 AM	0.017	0.018	0.0	0.0	0.0
5340	7:54:44 AM	0.018	0.018	0.0	0.0	0.0
5400	7:55:44 AM	0.016	0.018	0.0	0.0	0.0
5460	7:56:44 AM	0.017	0.018	0.0	0.0	0.0
5520	7:57:44 AM	0.015	0.018	0.0	0.0	0.0
5580	7:58:44 AM	0.022	0.018	0.0	0.0	0.0
5640	7:59:44 AM	0.026	0.019	0.0	0.0	0.0
5700	8:00:44 AM	0.023	0.022	0.0	0.0	0.0
5760	8:01:44 AM	0.02	0.022	0.0	0.0	0.0
5820	8:02:44 AM	0.015	0.022	0.0	0.0	0.0
5880	8:03:44 AM	0.02	0.022	0.0	0.0	0.0
5940	8:04:44 AM	0.022	0.022	0.0	0.0	0.0
6000	8:05:44 AM	0.014	0.021	0.0	0.0	0.0
6060	8:06:44 AM	0.014	0.021	0.0	0.0	0.0
6120	8:07:44 AM	0.014	0.022	0.0	0.0	0.0
6180	8:08:44 AM	0.014	0.022	0.0	0.0	0.0
6240	8:09:44 AM	0.014	0.023	0.0	0.0	0.0
6300	8:10:44 AM	0.015	0.025	0.0	0.0	0.0
6360	8:11:44 AM	0.017	0.027	0.0	0.0	0.0
6420	8:12:44 AM	0.024	0.028	0.0	0.0	0.0
6480	8:13:44 AM	0.031	0.028	0.0	0.0	0.0
6540	8:14:44 AM	0.075	0.027	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:15:44 AM	0.028	0.023	0.0	0.0	0.0
6660	8:16:44 AM	0.014	0.023	0.0	0.0	0.0
6720	8:17:44 AM	0.015	0.023	0.0	0.0	0.0
6780	8:18:44 AM	0.016	0.023	0.0	0.0	0.0
6840	8:19:44 AM	0.016	0.023	0.0	0.0	0.0
6900	8:20:44 AM	0.015	0.023	0.0	0.0	0.0
6960	8:21:44 AM	0.015	0.023	0.0	0.0	0.0
7020	8:22:44 AM	0.018	0.023	0.0	0.0	0.0
7080	8:23:44 AM	0.035	0.023	0.0	0.0	0.0
7140	8:24:44 AM	0.04	0.021	0.0	0.0	0.0
7200	8:25:44 AM	0.053	0.020	0.0	0.0	0.0
7260	8:26:44 AM	0.031	0.017	0.0	0.0	0.0
7320	8:27:44 AM	0.017	0.016	0.0	0.0	0.0
7380	8:28:44 AM	0.018	0.016	0.0	0.0	0.0
7440	8:29:44 AM	0.016	0.016	0.0	0.0	0.0
7500	8:30:44 AM	0.021	0.016	0.0	0.0	0.0
7560	8:31:44 AM	0.017	0.016	0.0	0.0	0.0
7620	8:32:44 AM	0.016	0.016	0.0	0.0	0.0
7680	8:33:44 AM	0.016	0.016	0.0	0.0	0.0
7740	8:34:44 AM	0.016	0.016	0.0	0.0	0.0
7800	8:35:44 AM	0.015	0.016	0.0	0.0	0.0
7860	8:36:44 AM	0.015	0.016	0.0	0.0	0.0
7920	8:37:44 AM	0.015	0.016	0.0	0.0	0.0
7980	8:38:44 AM	0.015	0.016	0.0	0.0	0.0
8040	8:39:44 AM	0.015	0.017	0.0	0.0	0.0
8100	8:40:44 AM	0.015	0.017	0.0	0.0	0.0
8160	8:41:44 AM	0.017	0.017	0.0	0.0	0.0
8220	8:42:44 AM	0.02	0.017	0.0	0.0	0.0
8280	8:43:44 AM	0.015	0.017	0.0	0.0	0.0
8340	8:44:44 AM	0.015	0.017	0.0	0.0	0.0
8400	8:45:44 AM	0.018	0.017	0.0	0.0	0.0
8460	8:46:44 AM	0.023	0.016	0.0	0.0	0.0
8520	8:47:44 AM	0.016	0.016	0.0	0.0	0.0
8580	8:48:44 AM	0.015	0.016	0.0	0.0	0.0
8640	8:49:44 AM	0.016	0.016	0.0	0.0	0.0
8700	8:50:44 AM	0.015	0.015	0.0	0.0	0.0
8760	8:51:44 AM	0.015	0.016	0.0	0.0	0.0
8820	8:52:44 AM	0.016	0.016	0.0	0.0	0.0
8880	8:53:44 AM	0.021	0.016	0.0	0.0	0.0
8940	8:54:44 AM	0.022	0.016	0.0	0.0	0.0
9000	8:55:44 AM	0.015	0.017	0.0	0.0	0.0
9060	8:56:44 AM	0.014	0.017	0.0	0.0	0.0
9120	8:57:44 AM	0.014	0.017	0.0	0.0	0.0
9180	8:58:44 AM	0.014	0.017	0.0	0.0	0.0
9240	8:59:44 AM	0.014	0.017	0.0	0.0	0.0
9300	9:00:44 AM	0.014	0.017	0.0	0.0	0.0
9360	9:01:44 AM	0.014	0.017	0.0	0.0	0.0
9420	9:02:44 AM	0.014	0.017	0.0	0.0	0.0
9480	9:03:44 AM	0.015	0.017	0.0	0.0	0.0
9540	9:04:44 AM	0.015	0.017	0.0	0.0	0.0
9600	9:05:44 AM	0.019	0.017	0.0	0.0	0.0
9660	9:06:44 AM	0.015	0.016	0.0	0.0	0.0
9720	9:07:44 AM	0.017	0.016	0.0	0.0	0.0
9780	9:08:44 AM	0.027	0.016	0.0	0.0	0.0
9840	9:09:44 AM	0.027	0.015	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	9:10:44 AM	0.017	0.014	0.0	0.0	0.0
9960	9:11:44 AM	0.015	0.014	0.0	0.0	0.0
10020	9:12:44 AM	0.015	0.016	0.0	0.0	0.0
10080	9:13:44 AM	0.015	0.017	0.0	0.0	0.0
10140	9:14:44 AM	0.014	0.017	0.0	0.0	0.0
10200	9:15:44 AM	0.014	0.017	0.0	0.0	0.0
10260	9:16:44 AM	0.014	0.017	0.0	0.0	0.0
10320	9:17:44 AM	0.014	0.017	0.0	0.0	0.0
10380	9:18:44 AM	0.014	0.017	0.0	0.0	0.0
10440	9:19:44 AM	0.013	0.017	0.0	0.0	0.0
10500	9:20:44 AM	0.013	0.017	0.0	0.0	0.0
10560	9:21:44 AM	0.013	0.017	0.0	0.0	0.0
10620	9:22:44 AM	0.012	0.017	0.0	0.0	0.0
10680	9:23:44 AM	0.012	0.018	0.0	0.0	0.0
10740	9:24:44 AM	0.012	0.018	0.0	0.0	0.0
10800	9:25:44 AM	0.027	0.018	0.0	0.0	0.0
10860	9:26:44 AM	0.045	0.017	0.0	0.0	0.0
10920	9:27:44 AM	0.023	0.015	0.0	0.0	0.0
10980	9:28:44 AM	0.014	0.015	0.0	0.0	0.0
11040	9:29:44 AM	0.014	0.015	0.0	0.0	0.0
11100	9:30:44 AM	0.014	0.015	0.0	0.0	0.0
11160	9:31:44 AM	0.015	0.015	0.0	0.0	0.0
11220	9:32:44 AM	0.015	0.015	0.0	0.0	0.0
11280	9:33:44 AM	0.015	0.015	0.0	0.0	0.0
11340	9:34:44 AM	0.014	0.015	0.0	0.0	0.0
11400	9:35:44 AM	0.014	0.016	0.0	0.0	0.0
11460	9:36:44 AM	0.016	0.016	0.0	0.0	0.0
11520	9:37:44 AM	0.015	0.016	0.0	0.0	0.0
11580	9:38:44 AM	0.015	0.016	0.0	0.0	0.0
11640	9:39:44 AM	0.016	0.016	0.0	0.0	0.0
11700	9:40:44 AM	0.016	0.016	0.0	0.0	0.0
11760	9:41:44 AM	0.016	0.016	0.0	0.0	0.0
11820	9:42:44 AM	0.015	0.016	0.0	0.0	0.0
11880	9:43:44 AM	0.015	0.016	0.0	0.0	0.0
11940	9:44:44 AM	0.015	0.017	0.0	0.0	0.0
12000	9:45:44 AM	0.016	0.017	0.0	0.0	0.0
12060	9:46:44 AM	0.016	0.017	0.0	0.0	0.0
12120	9:47:44 AM	0.016	0.017	0.0	0.0	0.0
12180	9:48:44 AM	0.016	0.017	0.0	0.0	0.0
12240	9:49:44 AM	0.016	0.017	0.0	0.0	0.0
12300	9:50:44 AM	0.016	0.017	0.0	0.0	0.0
12360	9:51:44 AM	0.016	0.017	0.0	0.0	0.0
12420	9:52:44 AM	0.018	0.018	0.0	0.0	0.0
12480	9:53:44 AM	0.017	0.018	0.0	0.0	0.0
12540	9:54:44 AM	0.017	0.018	0.0	0.0	0.0
12600	9:55:44 AM	0.017	0.018	0.0	0.0	0.0
12660	9:56:44 AM	0.018	0.018	0.0	0.0	0.0
12720	9:57:44 AM	0.018	0.018	0.0	0.0	0.0
12780	9:58:44 AM	0.018	0.017	0.0	0.0	0.0
12840	9:59:44 AM	0.018	0.017	0.0	0.0	0.0
12900	10:00:44 AM	0.018	0.017	0.0	0.0	0.0
12960	10:01:44 AM	0.018	0.017	0.0	0.0	0.0
13020	10:02:44 AM	0.018	0.017	0.0	0.0	0.0
13080	10:03:44 AM	0.017	0.017	0.0	0.0	0.0
13140	10:04:44 AM	0.017	0.017	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	10:05:44 AM	0.017	0.017	0.0	0.0	0.0
13260	10:06:44 AM	0.018	0.017	0.0	0.0	0.0
13320	10:07:44 AM	0.017	0.017	0.0	0.0	0.0
13380	10:08:44 AM	0.017	0.017	0.0	0.0	0.0
13440	10:09:44 AM	0.017	0.018	0.0	0.0	0.0
13500	10:10:44 AM	0.018	0.018	0.0	0.0	0.0
13560	10:11:44 AM	0.017	0.017	0.0	0.0	0.0
13620	10:12:44 AM	0.017	0.017	0.0	0.0	0.0
13680	10:13:44 AM	0.017	0.017	0.0	0.0	0.0
13740	10:14:44 AM	0.016	0.017	0.0	0.0	0.0
13800	10:15:44 AM	0.016	0.017	0.0	0.0	0.0
13860	10:16:44 AM	0.016	0.017	0.0	0.0	0.0
13920	10:17:44 AM	0.016	0.017	0.0	0.0	0.0
13980	10:18:44 AM	0.016	0.017	0.0	0.0	0.0
14040	10:19:44 AM	0.016	0.017	0.0	0.0	0.0
14100	10:20:44 AM	0.017	0.017	0.0	0.0	0.0
14160	10:21:44 AM	0.022	0.016	0.0	0.0	0.0
14220	10:22:44 AM	0.022	0.016	0.0	0.0	0.0
14280	10:23:44 AM	0.02	0.015	0.0	0.0	0.0
14340	10:24:44 AM	0.018	0.015	0.0	0.0	0.0
14400	10:25:44 AM	0.016	0.014	0.0	0.0	0.0
14460	10:26:44 AM	0.016	0.014	0.0	0.0	0.0
14520	10:27:44 AM	0.016	0.014	0.0	0.0	0.0
14580	10:28:44 AM	0.015	0.014	0.0	0.0	0.0
14640	10:29:44 AM	0.016	0.014	0.0	0.0	0.0
14700	10:30:44 AM	0.015	0.014	0.0	0.0	0.0
14760	10:31:44 AM	0.015	0.014	0.0	0.0	0.0
14820	10:32:44 AM	0.014	0.014	0.0	0.0	0.0
14880	10:33:44 AM	0.014	0.014	0.0	0.0	0.0
14940	10:34:44 AM	0.013	0.014	0.0	0.0	0.0
15000	10:35:44 AM	0.013	0.014	0.0	0.0	0.0
15060	10:36:44 AM	0.013	0.014	0.0	0.0	0.0
15120	10:37:44 AM	0.013	0.015	0.0	0.0	0.0
15180	10:38:44 AM	0.013	0.017	0.0	0.0	0.0
15240	10:39:44 AM	0.014	0.020	0.0	0.0	0.0
15300	10:40:44 AM	0.014	0.020	0.0	0.0	0.0
15360	10:41:44 AM	0.014	0.021	0.0	0.0	0.0
15420	10:42:44 AM	0.013	0.021	0.0	0.0	0.0
15480	10:43:44 AM	0.014	0.022	0.0	0.0	0.0
15540	10:44:44 AM	0.014	0.022	0.0	0.0	0.0
15600	10:45:44 AM	0.013	0.022	0.0	0.0	0.0
15660	10:46:44 AM	0.014	0.022	0.0	0.0	0.0
15720	10:47:44 AM	0.015	0.022	0.0	0.0	0.0
15780	10:48:44 AM	0.013	0.022	0.0	0.0	0.0
15840	10:49:44 AM	0.013	0.022	0.0	0.0	0.0
15900	10:50:44 AM	0.013	0.022	0.0	0.0	0.0
15960	10:51:44 AM	0.035	0.022	0.0	0.0	0.0
16020	10:52:44 AM	0.038	0.020	0.0	0.0	0.0
16080	10:53:44 AM	0.058	0.019	0.0	0.0	0.0
16140	10:54:44 AM	0.015	0.016	0.0	0.0	0.0
16200	10:55:44 AM	0.034	0.016	0.0	0.0	0.0
16260	10:56:44 AM	0.016	0.015	0.0	0.0	0.0
16320	10:57:44 AM	0.022	0.014	0.0	0.0	0.0
16380	10:58:44 AM	0.014	0.014	0.0	0.0	0.0
16440	10:59:44 AM	0.013	0.014	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	11:00:44 AM	0.013	0.014	0.0	0.0	0.0
16560	11:01:44 AM	0.013	0.014	0.0	0.0	0.0
16620	11:02:44 AM	0.014	0.013	0.0	0.0	0.0
16680	11:03:44 AM	0.013	0.013	0.0	0.0	0.0
16740	11:04:44 AM	0.014	0.013	0.0	0.0	0.0
16800	11:05:44 AM	0.014	0.013	0.0	0.0	0.0
16860	11:06:44 AM	0.014	0.013	0.0	0.0	0.0
16920	11:07:44 AM	0.013	0.013	0.0	0.0	0.0
16980	11:08:44 AM	0.013	0.013	0.0	0.0	0.0
17040	11:09:44 AM	0.017	0.013	0.0	0.0	0.0
17100	11:10:44 AM	0.015	0.012	0.0	0.0	0.0
17160	11:11:44 AM	0.013	0.013	0.0	0.0	0.0
17220	11:12:44 AM	0.013	0.014	0.0	0.0	0.0
17280	11:13:44 AM	0.013	0.018	0.0	0.0	0.0
17340	11:14:44 AM	0.012	0.020	0.0	0.0	0.0
17400	11:15:44 AM	0.012	0.021	0.0	0.0	0.0
17460	11:16:44 AM	0.012	0.021	0.0	0.0	0.0
17520	11:17:44 AM	0.011	0.021	0.0	0.0	0.0
17580	11:18:44 AM	0.011	0.022	0.0	0.0	0.0
17640	11:19:44 AM	0.011	0.026	0.0	0.0	0.0
17700	11:20:44 AM	0.012	0.028	0.0	0.0	0.0
17760	11:21:44 AM	0.012	0.031	0.0	0.0	0.0
17820	11:22:44 AM	0.012	0.031	0.0	0.0	0.0
17880	11:23:44 AM	0.012	0.033	0.0	0.0	0.0
17940	11:24:44 AM	0.012	0.041	0.0	0.0	0.0
18000	11:25:44 AM	0.03	0.041	0.0	0.0	0.0
18060	11:26:44 AM	0.018	0.040	0.0	0.0	0.0
18120	11:27:44 AM	0.081	0.040	0.0	0.0	0.0
18180	11:28:44 AM	0.04	0.035	0.0	0.0	0.0
18240	11:29:44 AM	0.024	0.033	0.0	0.0	0.0
18300	11:30:44 AM	0.022	0.033	0.0	0.0	0.0
18360	11:31:44 AM	0.013	0.032	0.0	0.0	0.0
18420	11:32:44 AM	0.014	0.032	0.0	0.0	0.0
18480	11:33:44 AM	0.072	0.032	0.0	0.0	0.0
18540	11:34:44 AM	0.041	0.028	0.0	0.0	0.0
18600	11:35:44 AM	0.06	0.026	0.0	0.0	0.0
18660	11:36:44 AM	0.016	0.023	0.0	0.0	0.0
18720	11:37:44 AM	0.044	0.023	0.0	0.0	0.0
18780	11:38:44 AM	0.131	0.021	0.0	0.0	0.0
18840	11:39:44 AM	0.013	0.013	0.0	0.0	0.0
18900	11:40:44 AM	0.012	0.013	0.0	0.0	0.0
18960	11:41:44 AM	0.013	0.013	0.0	0.0	0.0
19020	11:42:44 AM	0.014	0.013	0.0	0.0	0.0
19080	11:43:44 AM	0.013	0.013	0.0	0.0	0.0
19140	11:44:44 AM	0.013	0.013	0.0	0.0	0.0
19200	11:45:44 AM	0.012	0.013	0.0	0.0	0.0
19260	11:46:44 AM	0.012	0.014	0.0	0.0	0.0
19320	11:47:44 AM	0.012	0.014	0.0	0.0	0.0
19380	11:48:44 AM	0.013	0.014	0.0	0.0	0.0
19440	11:49:44 AM	0.014	0.014	0.0	0.0	0.0
19500	11:50:44 AM	0.013	0.014	0.0	0.0	0.0
19560	11:51:44 AM	0.013	0.013	0.0	0.0	0.0
19620	11:52:44 AM	0.012	0.013	0.0	0.0	0.0
19680	11:53:44 AM	0.012	0.013	0.0	0.0	0.0
19740	11:54:44 AM	0.013	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	11:55:44 AM	0.014	0.013	0.0	0.0	0.0
19860	11:56:44 AM	0.014	0.013	0.0	0.0	0.0
19920	11:57:44 AM	0.015	0.013	0.0	0.0	0.0
19980	11:58:44 AM	0.016	0.013	0.0	0.0	0.0
20040	11:59:44 AM	0.017	0.013	0.0	0.0	0.0
20100	12:00:44 PM	0.013	0.012	0.0	0.0	0.0
20160	12:01:44 PM	0.013	0.012	0.0	0.0	0.0
20220	12:02:44 PM	0.012	0.012	0.0	0.0	0.0
20280	12:03:44 PM	0.014	0.012	0.0	0.0	0.0
20340	12:04:44 PM	0.012	0.012	0.0	0.0	0.0
20400	12:05:44 PM	0.012	0.012	0.0	0.0	0.0
20460	12:06:44 PM	0.013	0.012	0.0	0.0	0.0
20520	12:07:44 PM	0.012	0.012	0.0	0.0	0.0
20580	12:08:44 PM	0.012	0.013	0.0	0.0	0.0
20640	12:09:44 PM	0.012	0.013	0.0	0.0	0.0
20700	12:10:44 PM	0.012	0.013	0.0	0.0	0.0
20760	12:11:44 PM	0.013	0.013	0.0	0.0	0.0
20820	12:12:44 PM	0.012	0.013	0.0	0.0	0.0
20880	12:13:44 PM	0.012	0.013	0.0	0.0	0.0
20940	12:14:44 PM	0.013	0.013	0.0	0.0	0.0
21000	12:15:44 PM	0.012	0.013	0.0	0.0	0.0
21060	12:16:44 PM	0.012	0.013	0.0	0.0	0.0
21120	12:17:44 PM	0.012	0.013	0.0	0.0	0.0
21180	12:18:44 PM	0.012	0.013	0.0	0.0	0.0
21240	12:19:44 PM	0.013	0.013	0.0	0.0	0.0
21300	12:20:44 PM	0.014	0.013	0.0	0.0	0.0
21360	12:21:44 PM	0.014	0.014	0.0	0.0	0.0
21420	12:22:44 PM	0.013	0.014	0.0	0.0	0.0
21480	12:23:44 PM	0.013	0.014	0.0	0.0	0.0
21540	12:24:44 PM	0.013	0.014	0.0	0.0	0.0
21600	12:25:44 PM	0.013	0.014	0.0	0.0	0.0
21660	12:26:44 PM	0.013	0.014	0.0	0.0	0.0
21720	12:27:44 PM	0.014	0.014	0.0	0.0	0.0
21780	12:28:44 PM	0.013	0.014	0.0	0.0	0.0
21840	12:29:44 PM	0.013	0.014	0.0	0.0	0.0
21900	12:30:44 PM	0.013	0.014	0.0	0.0	0.0
21960	12:31:44 PM	0.013	0.013	0.0	0.0	0.0
22020	12:32:44 PM	0.013	0.013	0.0	0.0	0.0
22080	12:33:44 PM	0.013	0.013	0.0	0.0	0.0
22140	12:34:44 PM	0.015	0.013	0.0	0.0	0.0
22200	12:35:44 PM	0.018	0.013	0.0	0.0	0.0
22260	12:36:44 PM	0.015	0.013	0.0	0.0	0.0
22320	12:37:44 PM	0.013	0.012	0.0	0.0	0.0
22380	12:38:44 PM	0.012	0.012	0.0	0.0	0.0
22440	12:39:44 PM	0.013	0.012	0.0	0.0	0.0
22500	12:40:44 PM	0.013	0.012	0.0	0.0	0.0
22560	12:41:44 PM	0.013	0.012	0.0	0.0	0.0
22620	12:42:44 PM	0.013	0.013	0.0	0.0	0.0
22680	12:43:44 PM	0.013	0.013	0.0	0.0	0.0
22740	12:44:44 PM	0.013	0.013	0.0	0.0	0.0
22800	12:45:44 PM	0.012	0.013	0.0	0.0	0.0
22860	12:46:44 PM	0.012	0.013	0.0	0.0	0.0
22920	12:47:44 PM	0.012	0.013	0.0	0.0	0.0
22980	12:48:44 PM	0.012	0.013	0.0	0.0	0.0
23040	12:49:44 PM	0.012	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	12:50:44 PM	0.012	0.013	0.0	0.0	0.0
23160	12:51:44 PM	0.012	0.013	0.0	0.0	0.0
23220	12:52:44 PM	0.012	0.013	0.0	0.0	0.0
23280	12:53:44 PM	0.013	0.014	0.0	0.0	0.0
23340	12:54:44 PM	0.013	0.014	0.0	0.0	0.0
23400	12:55:44 PM	0.013	0.014	0.0	0.0	0.0
23460	12:56:44 PM	0.014	0.014	0.0	0.0	0.0
23520	12:57:44 PM	0.014	0.013	0.0	0.0	0.0
23580	12:58:44 PM	0.015	0.013	0.0	0.0	0.0
23640	12:59:44 PM	0.014	0.013	0.0	0.0	0.0
23700	1:00:44 PM	0.014	0.013	0.0	0.0	0.0
23760	1:01:44 PM	0.014	0.013	0.0	0.0	0.0
23820	1:02:44 PM	0.014	0.013	0.0	0.0	0.0
23880	1:03:44 PM	0.013	0.013	0.0	0.0	0.0
23940	1:04:44 PM	0.013	0.013	0.0	0.0	0.0
24000	1:05:44 PM	0.013	0.013	0.0	0.0	0.0
24060	1:06:44 PM	0.013	0.013	0.0	0.0	0.0
24120	1:07:44 PM	0.013	0.013	0.0	0.0	0.0
24180	1:08:44 PM	0.013	0.013	0.0	0.0	0.0
24240	1:09:44 PM	0.013	0.013	0.0	0.0	0.0
24300	1:10:44 PM	0.013	0.013	0.0	0.0	0.0
24360	1:11:44 PM	0.013	0.013	0.0	0.0	0.0
24420	1:12:44 PM	0.013	0.014	0.0	0.0	0.0
24480	1:13:44 PM	0.013	0.014	0.0	0.0	0.0
24540	1:14:44 PM	0.013	0.014	0.0	0.0	0.0
24600	1:15:44 PM	0.013	0.014	0.0	0.0	0.0
24660	1:16:44 PM	0.014	0.014	0.0	0.0	0.0
24720	1:17:44 PM	0.015	0.014	0.0	0.0	0.0
24780	1:18:44 PM	0.013	0.014	0.0	0.0	0.0
24840	1:19:44 PM	0.013	0.014	0.0	0.0	0.0
24900	1:20:44 PM	0.013	0.014	0.0	0.0	0.0
24960	1:21:44 PM	0.014	0.015	0.0	0.0	0.0
25020	1:22:44 PM	0.013	0.015	0.0	0.0	0.0
25080	1:23:44 PM	0.013	0.015	0.0	0.0	0.0
25140	1:24:44 PM	0.014	0.015	0.0	0.0	0.0
25200	1:25:44 PM	0.014	0.015	0.0	0.0	0.0
25260	1:26:44 PM	0.015	0.015	0.0	0.0	0.0
25320	1:27:44 PM	0.015	0.015	0.0	0.0	0.0
25380	1:28:44 PM	0.014	0.015	0.0	0.0	0.0
25440	1:29:44 PM	0.013	0.015	0.0	0.0	0.0
25500	1:30:44 PM	0.013	0.015	0.0	0.0	0.0
25560	1:31:44 PM	0.015	0.015	0.0	0.0	0.0
25620	1:32:44 PM	0.014	0.014	0.0	0.0	0.0
25680	1:33:44 PM	0.013	0.014	0.0	0.0	0.0
25740	1:34:44 PM	0.017	0.014	0.0	0.0	0.0
25800	1:35:44 PM	0.021	0.014	0.0	0.0	0.0
25860	1:36:44 PM	0.02	0.013	0.0	0.0	0.0
25920	1:37:44 PM	0.013	0.013	0.0	0.0	0.0
25980	1:38:44 PM	0.013	0.013	0.0	0.0	0.0
26040	1:39:44 PM	0.017	0.013	0.0	0.0	0.0
26100	1:40:44 PM	0.014	0.013	0.0	0.0	0.0
26160	1:41:44 PM	0.012	0.013	0.0	0.0	0.0
26220	1:42:44 PM	0.012	0.013	0.0	0.0	0.0
26280	1:43:44 PM	0.013	0.013	0.0	0.0	0.0
26340	1:44:44 PM	0.012	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
26400	1:45:44 PM	0.012	0.013	0.0	0.0	0.0
26460	1:46:44 PM	0.012	0.013	0.0	0.0	0.0
26520	1:47:44 PM	0.013	0.013	0.0	0.0	0.0
26580	1:48:44 PM	0.013	0.014	0.0	0.0	0.0
26640	1:49:44 PM	0.013	0.014	0.0	0.0	0.0
26700	1:50:44 PM	0.012	0.014	0.0	0.0	0.0
26760	1:51:44 PM	0.012	0.014	0.0	0.0	0.0
26820	1:52:44 PM	0.015	0.015	0.0	0.0	0.0
26880	1:53:44 PM	0.015	0.014	0.0	0.0	0.0
26940	1:54:44 PM	0.012	0.014	0.0	0.0	0.0
27000	1:55:44 PM	0.012	0.014	0.0	0.0	0.0
27060	1:56:44 PM	0.013	0.015	0.0	0.0	0.0
27120	1:57:44 PM	0.013	0.016	0.0	0.0	0.0
27180	1:58:44 PM	0.013	0.016	0.0	0.0	0.0
27240	1:59:44 PM	0.012	0.016	0.0	0.0	0.0
27300	2:00:44 PM	0.013	0.016	0.0	0.0	0.0
27360	2:01:44 PM	0.014	0.016	0.0	0.0	0.0
27420	2:02:44 PM	0.027	0.016	0.0	0.0	0.0
27480	2:03:44 PM	0.013	0.015	0.0	0.0	0.0
27540	2:04:44 PM	0.014	0.015	0.0	0.0	0.0
27600	2:05:44 PM	0.017	0.015	0.0	0.0	0.0
27660	2:06:44 PM	0.016	0.015	0.0	0.0	0.0
27720	2:07:44 PM	0.013	0.015	0.0	0.0	0.0
27780	2:08:44 PM	0.012	0.015	0.0	0.0	0.0
27840	2:09:44 PM	0.015	0.015	0.0	0.0	0.0
27900	2:10:44 PM	0.025	0.015	0.0	0.0	0.0
27960	2:11:44 PM	0.016	0.014	0.0	0.0	0.0
28020	2:12:44 PM	0.014	0.015	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
28080	2:13:44 PM	0.012	0.015	0.0	0.0	0.0
28140	2:14:44 PM	0.013	0.021	0.0	0.0	0.0
28200	2:15:44 PM	0.013	0.022	0.0	0.0	0.0
28260	2:16:44 PM	0.013	0.024	0.0	0.0	0.0
28320	2:17:44 PM	0.016	0.025	0.0	0.0	0.0
28380	2:18:44 PM	0.016	0.024	0.0	0.0	0.0
28440	2:19:44 PM	0.02	0.027	0.0	0.0	0.0
28500	2:20:44 PM	0.014	0.028	0.0	0.0	0.0
28560	2:21:44 PM	0.012	0.034	0.0	0.0	0.0
28620	2:22:44 PM	0.016	0.035	0.0	0.0	0.0
28680	2:23:44 PM	0.015	0.035	0.0	0.0	0.0
28740	2:24:44 PM	0.013	0.035	0.0	0.0	0.0
28800	2:25:44 PM	0.014	0.035	0.0	0.0	0.0
28860	2:26:44 PM	0.017	0.035	0.0	0.0	0.0
28920	2:27:44 PM	0.017	0.034	0.0	0.0	0.0
28980	2:28:44 PM	0.1	0.034	0.0	0.0	0.0
29040	2:29:44 PM	0.031	0.028	0.0	0.0	0.0
29100	2:30:44 PM	0.049	0.027	0.0	0.0	0.0
29160	2:31:44 PM	0.018	0.025	0.0	0.0	0.0
29220	2:32:44 PM	0.015	0.025	0.0	0.0	0.0
29280	2:33:44 PM	0.058	0.025	0.0	0.0	0.0
29340	2:34:44 PM	0.026	0.022	0.0	0.0	0.0
29400	2:35:44 PM	0.113	0.021	0.0	0.0	0.0
29460	2:36:44 PM	0.02	0.015	0.0	0.0	0.0
29520	2:37:44 PM	0.013	0.014	0.0	0.0	0.0
29580	2:38:44 PM	0.014	0.014	0.0	0.0	0.0
29640	2:39:44 PM	0.014	0.014	0.0	0.0	0.0
29700	2:40:44 PM	0.013	0.014	0.0	0.0	0.0
29760	2:41:44 PM	0.013	0.014	0.0	0.0	0.0
29820	2:42:44 PM	0.013	0.014	0.0	0.0	0.0
29880	2:43:44 PM	0.014	0.014	0.0	0.0	0.0
29940	2:44:44 PM	0.017	0.014	0.0	0.0	0.0
30000	2:45:44 PM	0.016	0.014	0.0	0.0	0.0
30060	2:46:44 PM	0.015	0.014	0.0	0.0	0.0
30120	2:47:44 PM	0.014	0.014	0.0	0.0	0.0
30180	2:48:44 PM	0.014	0.014	0.0	0.0	0.0
30240	2:49:44 PM	0.014	0.014	0.0	0.0	0.0
30300	2:50:44 PM	0.014	0.014	0.0	0.0	0.0
30360	2:51:44 PM	0.013	0.014	0.0	0.0	0.0
30420	2:52:44 PM	0.014	0.014	0.0	0.0	0.0
30480	2:53:44 PM	0.013	0.014	0.0	0.0	0.0
30540	2:54:44 PM	0.014	0.014	0.0	0.0	0.0
30600	2:55:44 PM	0.014	0.015	0.0	0.0	0.0
30660	2:56:44 PM	0.014	0.015	0.0	0.0	0.0
30720	2:57:44 PM	0.015	0.015	0.0	0.0	0.0
30780	2:58:44 PM	0.015	0.015	0.0	0.0	0.0
30840	2:59:44 PM	0.015	0.015	0.0	0.0	0.0
30900	3:00:44 PM	0.015	0.014	0.0	0.0	0.0
30960	3:01:44 PM	0.014	0.014	0.0	0.0	0.0
31020	3:02:44 PM	0.014	0.014	0.0	0.0	0.0
31080	3:03:44 PM	0.015	0.015	0.0	0.0	0.0
31140	3:04:44 PM	0.014	0.014	0.0	0.0	0.0
31200	3:05:44 PM	0.015	0.015	0.0	0.0	0.0
31260	3:06:44 PM	0.014	0.014	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/28/19 6:26 AM						
60	6:26:14 AM	0.028	0.023	0.0	0.0	0.0
120	6:27:14 AM	0.024	0.022	0.0	0.0	0.0
180	6:28:14 AM	0.027	0.022	0.0	0.0	0.0
240	6:29:14 AM	0.023	0.022	0.0	0.0	0.0
300	6:30:14 AM	0.022	0.021	0.0	0.0	0.0
360	6:31:14 AM	0.022	0.021	0.0	0.0	0.0
420	6:32:14 AM	0.022	0.021	0.0	0.0	0.0
480	6:33:14 AM	0.022	0.021	0.0	0.0	0.0
540	6:34:14 AM	0.022	0.021	0.0	0.0	0.0
600	6:35:14 AM	0.021	0.021	0.0	0.0	0.0
660	6:36:14 AM	0.021	0.021	0.0	0.0	0.0
720	6:37:14 AM	0.021	0.021	0.0	0.0	0.0
780	6:38:14 AM	0.021	0.021	0.0	0.0	0.0
840	6:39:14 AM	0.022	0.021	0.0	0.0	0.0
900	6:40:14 AM	0.021	0.021	0.0	0.0	0.0
960	6:41:14 AM	0.021	0.021	0.0	0.0	0.0
1020	6:42:14 AM	0.021	0.021	0.0	0.0	0.0
1080	6:43:14 AM	0.021	0.021	0.0	0.0	0.0
1140	6:44:14 AM	0.021	0.021	0.0	0.0	0.0
1200	6:45:14 AM	0.021	0.022	0.0	0.0	0.0
1260	6:46:14 AM	0.021	0.022	0.0	0.0	0.0
1320	6:47:14 AM	0.021	0.022	0.0	0.0	0.0
1380	6:48:14 AM	0.022	0.022	0.0	0.0	0.0
1440	6:49:14 AM	0.021	0.022	0.0	0.0	0.0
1500	6:50:14 AM	0.021	0.022	0.0	0.0	0.0
1560	6:51:14 AM	0.021	0.023	0.0	0.0	0.0
1620	6:52:14 AM	0.021	0.023	0.0	0.0	0.0
1680	6:53:14 AM	0.022	0.024	0.0	0.0	0.0
1740	6:54:14 AM	0.022	0.024	0.0	0.0	0.0
1800	6:55:14 AM	0.022	0.024	0.0	0.0	0.0
1860	6:56:14 AM	0.022	0.024	0.0	0.0	0.0
1920	6:57:14 AM	0.022	0.024	0.0	0.0	0.0
1980	6:58:14 AM	0.022	0.024	0.0	0.0	0.0
2040	6:59:14 AM	0.023	0.024	0.0	0.0	0.0
2100	7:00:14 AM	0.023	0.024	0.0	0.0	0.0
2160	7:01:14 AM	0.024	0.024	0.0	0.0	0.0
2220	7:02:14 AM	0.024	0.024	0.0	0.0	0.0
2280	7:03:14 AM	0.024	0.024	0.0	0.0	0.0
2340	7:04:14 AM	0.023	0.024	0.0	0.0	0.0
2400	7:05:14 AM	0.023	0.024	0.0	0.0	0.0
2460	7:06:14 AM	0.024	0.024	0.0	0.0	0.0
2520	7:07:14 AM	0.033	0.024	0.0	0.0	0.0
2580	7:08:14 AM	0.022	0.023	0.0	0.0	0.0
2640	7:09:14 AM	0.022	0.023	0.0	0.0	0.0
2700	7:10:14 AM	0.022	0.023	0.0	0.0	0.0
2760	7:11:14 AM	0.023	0.023	0.0	0.0	0.0
2820	7:12:14 AM	0.024	0.023	0.0	0.0	0.0
2880	7:13:14 AM	0.025	0.023	0.0	0.0	0.0
2940	7:14:14 AM	0.023	0.023	0.0	0.0	0.0
3000	7:15:14 AM	0.023	0.023	0.0	0.0	0.0
3060	7:16:14 AM	0.023	0.023	0.0	0.0	0.0
3120	7:17:14 AM	0.024	0.023	0.0	0.0	0.0
3180	7:18:14 AM	0.022	0.022	0.0	0.0	0.0
3240	7:19:14 AM	0.022	0.023	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:20:14 AM	0.022	0.023	0.0	0.0	0.0
3360	7:21:14 AM	0.023	0.023	0.0	0.0	0.0
3420	7:22:14 AM	0.023	0.023	0.0	0.0	0.0
3480	7:23:14 AM	0.022	0.023	0.0	0.0	0.0
3540	7:24:14 AM	0.022	0.023	0.0	0.0	0.0
3600	7:25:14 AM	0.022	0.023	0.0	0.0	0.0
3660	7:26:14 AM	0.022	0.023	0.0	0.0	0.0
3720	7:27:14 AM	0.023	0.023	0.0	0.0	0.0
3780	7:28:14 AM	0.025	0.023	0.0	0.0	0.0
3840	7:29:14 AM	0.022	0.023	0.0	0.0	0.0
3900	7:30:14 AM	0.022	0.023	0.0	0.0	0.0
3960	7:31:14 AM	0.022	0.023	0.0	0.0	0.0
4020	7:32:14 AM	0.023	0.023	0.0	0.0	0.0
4080	7:33:14 AM	0.024	0.022	0.0	0.0	0.0
4140	7:34:14 AM	0.022	0.022	0.0	0.0	0.0
4200	7:35:14 AM	0.022	0.022	0.0	0.0	0.0
4260	7:36:14 AM	0.022	0.022	0.0	0.0	0.0
4320	7:37:14 AM	0.025	0.022	0.0	0.0	0.0
4380	7:38:14 AM	0.025	0.022	0.0	0.0	0.0
4440	7:39:14 AM	0.024	0.022	0.0	0.0	0.0
4500	7:40:14 AM	0.024	0.022	0.0	0.0	0.0
4560	7:41:14 AM	0.022	0.021	0.0	0.0	0.0
4620	7:42:14 AM	0.022	0.021	0.0	0.0	0.0
4680	7:43:14 AM	0.021	0.021	0.0	0.0	0.0
4740	7:44:14 AM	0.02	0.021	0.0	0.0	0.0
4800	7:45:14 AM	0.021	0.021	0.0	0.0	0.0
4860	7:46:14 AM	0.021	0.021	0.0	0.0	0.0
4920	7:47:14 AM	0.021	0.021	0.0	0.0	0.0
4980	7:48:14 AM	0.02	0.022	0.0	0.0	0.0
5040	7:49:14 AM	0.02	0.022	0.0	0.0	0.0
5100	7:50:14 AM	0.021	0.022	0.0	0.0	0.0
5160	7:51:14 AM	0.022	0.022	0.0	0.0	0.0
5220	7:52:14 AM	0.021	0.022	0.0	0.0	0.0
5280	7:53:14 AM	0.026	0.022	0.0	0.0	0.0
5340	7:54:14 AM	0.021	0.022	0.0	0.0	0.0
5400	7:55:14 AM	0.02	0.022	0.0	0.0	0.0
5460	7:56:14 AM	0.021	0.022	0.0	0.0	0.0
5520	7:57:14 AM	0.021	0.022	0.0	0.0	0.0
5580	7:58:14 AM	0.021	0.022	0.0	0.0	0.0
5640	7:59:14 AM	0.021	0.023	0.0	0.0	0.0
5700	8:00:14 AM	0.022	0.023	0.0	0.0	0.0
5760	8:01:14 AM	0.022	0.023	0.0	0.0	0.0
5820	8:02:14 AM	0.025	0.023	0.0	0.0	0.0
5880	8:03:14 AM	0.022	0.023	0.0	0.0	0.0
5940	8:04:14 AM	0.022	0.023	0.0	0.0	0.0
6000	8:05:14 AM	0.022	0.023	0.0	0.0	0.0
6060	8:06:14 AM	0.022	0.023	0.0	0.0	0.0
6120	8:07:14 AM	0.022	0.023	0.0	0.0	0.0
6180	8:08:14 AM	0.023	0.023	0.0	0.0	0.0
6240	8:09:14 AM	0.022	0.023	0.0	0.0	0.0
6300	8:10:14 AM	0.022	0.023	0.0	0.0	0.0
6360	8:11:14 AM	0.023	0.023	0.0	0.0	0.0
6420	8:12:14 AM	0.024	0.023	0.0	0.0	0.0
6480	8:13:14 AM	0.024	0.023	0.0	0.0	0.0
6540	8:14:14 AM	0.023	0.023	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:15:14 AM	0.022	0.023	0.0	0.0	0.0
6660	8:16:14 AM	0.024	0.023	0.0	0.0	0.0
6720	8:17:14 AM	0.024	0.023	0.0	0.0	0.0
6780	8:18:14 AM	0.022	0.024	0.0	0.0	0.0
6840	8:19:14 AM	0.024	0.025	0.0	0.0	0.0
6900	8:20:14 AM	0.023	0.025	0.0	0.0	0.0
6960	8:21:14 AM	0.024	0.025	0.0	0.0	0.0
7020	8:22:14 AM	0.022	0.025	0.0	0.0	0.0
7080	8:23:14 AM	0.022	0.025	0.0	0.0	0.0
7140	8:24:14 AM	0.022	0.025	0.0	0.0	0.0
7200	8:25:14 AM	0.023	0.025	0.0	0.0	0.0
7260	8:26:14 AM	0.023	0.025	0.0	0.0	0.0
7320	8:27:14 AM	0.023	0.025	0.0	0.0	0.0
7380	8:28:14 AM	0.024	0.024	0.0	0.0	0.0
7440	8:29:14 AM	0.025	0.024	0.0	0.0	0.0
7500	8:30:14 AM	0.024	0.025	0.0	0.0	0.0
7560	8:31:14 AM	0.025	0.025	0.0	0.0	0.0
7620	8:32:14 AM	0.03	0.025	0.0	0.0	0.0
7680	8:33:14 AM	0.041	0.024	0.0	0.0	0.0
7740	8:34:14 AM	0.025	0.023	0.0	0.0	0.0
7800	8:35:14 AM	0.022	0.023	0.0	0.0	0.0
7860	8:36:14 AM	0.021	0.023	0.0	0.0	0.0
7920	8:37:14 AM	0.021	0.023	0.0	0.0	0.0
7980	8:38:14 AM	0.021	0.023	0.0	0.0	0.0
8040	8:39:14 AM	0.023	0.023	0.0	0.0	0.0
8100	8:40:14 AM	0.022	0.023	0.0	0.0	0.0
8160	8:41:14 AM	0.021	0.023	0.0	0.0	0.0
8220	8:42:14 AM	0.021	0.023	0.0	0.0	0.0
8280	8:43:14 AM	0.023	0.023	0.0	0.0	0.0
8340	8:44:14 AM	0.028	0.022	0.0	0.0	0.0
8400	8:45:14 AM	0.029	0.022	0.0	0.0	0.0
8460	8:46:14 AM	0.023	0.021	0.0	0.0	0.0
8520	8:47:14 AM	0.022	0.021	0.0	0.0	0.0
8580	8:48:14 AM	0.025	0.021	0.0	0.0	0.0
8640	8:49:14 AM	0.022	0.021	0.0	0.0	0.0
8700	8:50:14 AM	0.021	0.021	0.0	0.0	0.0
8760	8:51:14 AM	0.021	0.021	0.0	0.0	0.0
8820	8:52:14 AM	0.021	0.020	0.0	0.0	0.0
8880	8:53:14 AM	0.021	0.020	0.0	0.0	0.0
8940	8:54:14 AM	0.021	0.020	0.0	0.0	0.0
9000	8:55:14 AM	0.021	0.020	0.0	0.0	0.0
9060	8:56:14 AM	0.021	0.020	0.0	0.0	0.0
9120	8:57:14 AM	0.02	0.020	0.0	0.0	0.0
9180	8:58:14 AM	0.02	0.020	0.0	0.0	0.0
9240	8:59:14 AM	0.02	0.026	0.0	0.0	0.0
9300	9:00:14 AM	0.021	0.030	0.0	0.0	0.0
9360	9:01:14 AM	0.021	0.030	0.0	0.0	0.0
9420	9:02:14 AM	0.02	0.031	0.0	0.0	0.0
9480	9:03:14 AM	0.02	0.031	0.0	0.0	0.0
9540	9:04:14 AM	0.02	0.031	0.0	0.0	0.0
9600	9:05:14 AM	0.02	0.031	0.0	0.0	0.0
9660	9:06:14 AM	0.02	0.032	0.0	0.0	0.0
9720	9:07:14 AM	0.02	0.032	0.0	0.0	0.0
9780	9:08:14 AM	0.02	0.032	0.0	0.0	0.0
9840	9:09:14 AM	0.02	0.032	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	9:10:14 AM	0.02	0.035	0.0	0.0	0.0
9960	9:11:14 AM	0.02	0.036	0.0	0.0	0.0
10020	9:12:14 AM	0.02	0.036	0.0	0.0	0.0
10080	9:13:14 AM	0.104	0.036	0.0	0.0	0.0
10140	9:14:14 AM	0.084	0.030	0.0	0.0	0.0
10200	9:15:14 AM	0.025	0.026	0.0	0.0	0.0
10260	9:16:14 AM	0.025	0.026	0.0	0.0	0.0
10320	9:17:14 AM	0.021	0.026	0.0	0.0	0.0
10380	9:18:14 AM	0.02	0.026	0.0	0.0	0.0
10440	9:19:14 AM	0.023	0.026	0.0	0.0	0.0
10500	9:20:14 AM	0.031	0.025	0.0	0.0	0.0
10560	9:21:14 AM	0.022	0.025	0.0	0.0	0.0
10620	9:22:14 AM	0.023	0.025	0.0	0.0	0.0
10680	9:23:14 AM	0.026	0.025	0.0	0.0	0.0
10740	9:24:14 AM	0.064	0.026	0.0	0.0	0.0
10800	9:25:14 AM	0.029	0.023	0.0	0.0	0.0
10860	9:26:14 AM	0.021	0.024	0.0	0.0	0.0
10920	9:27:14 AM	0.02	0.024	0.0	0.0	0.0
10980	9:28:14 AM	0.023	0.024	0.0	0.0	0.0
11040	9:29:14 AM	0.021	0.024	0.0	0.0	0.0
11100	9:30:14 AM	0.021	0.024	0.0	0.0	0.0
11160	9:31:14 AM	0.02	0.024	0.0	0.0	0.0
11220	9:32:14 AM	0.02	0.025	0.0	0.0	0.0
11280	9:33:14 AM	0.02	0.025	0.0	0.0	0.0
11340	9:34:14 AM	0.021	0.025	0.0	0.0	0.0
11400	9:35:14 AM	0.021	0.025	0.0	0.0	0.0
11460	9:36:14 AM	0.022	0.025	0.0	0.0	0.0
11520	9:37:14 AM	0.023	0.025	0.0	0.0	0.0
11580	9:38:14 AM	0.037	0.025	0.0	0.0	0.0
11640	9:39:14 AM	0.023	0.024	0.0	0.0	0.0
11700	9:40:14 AM	0.04	0.024	0.0	0.0	0.0
11760	9:41:14 AM	0.033	0.022	0.0	0.0	0.0
11820	9:42:14 AM	0.021	0.022	0.0	0.0	0.0
11880	9:43:14 AM	0.021	0.022	0.0	0.0	0.0
11940	9:44:14 AM	0.022	0.022	0.0	0.0	0.0
12000	9:45:14 AM	0.023	0.022	0.0	0.0	0.0
12060	9:46:14 AM	0.022	0.021	0.0	0.0	0.0
12120	9:47:14 AM	0.022	0.022	0.0	0.0	0.0
12180	9:48:14 AM	0.021	0.022	0.0	0.0	0.0
12240	9:49:14 AM	0.022	0.022	0.0	0.0	0.0
12300	9:50:14 AM	0.022	0.022	0.0	0.0	0.0
12360	9:51:14 AM	0.022	0.022	0.0	0.0	0.0
12420	9:52:14 AM	0.021	0.022	0.0	0.0	0.0
12480	9:53:14 AM	0.021	0.022	0.0	0.0	0.0
12540	9:54:14 AM	0.021	0.022	0.0	0.0	0.0
12600	9:55:14 AM	0.021	0.022	0.0	0.0	0.0
12660	9:56:14 AM	0.021	0.022	0.0	0.0	0.0
12720	9:57:14 AM	0.023	0.022	0.0	0.0	0.0
12780	9:58:14 AM	0.021	0.022	0.0	0.0	0.0
12840	9:59:14 AM	0.02	0.022	0.0	0.0	0.0
12900	10:00:14 AM	0.021	0.022	0.0	0.0	0.0
12960	10:01:14 AM	0.024	0.022	0.0	0.0	0.0
13020	10:02:14 AM	0.025	0.021	0.0	0.0	0.0
13080	10:03:14 AM	0.022	0.021	0.0	0.0	0.0
13140	10:04:14 AM	0.021	0.021	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	10:05:14 AM	0.022	0.021	0.0	0.0	0.0
13260	10:06:14 AM	0.023	0.021	0.0	0.0	0.0
13320	10:07:14 AM	0.022	0.021	0.0	0.0	0.0
13380	10:08:14 AM	0.021	0.021	0.0	0.0	0.0
13440	10:09:14 AM	0.022	0.021	0.0	0.0	0.0
13500	10:10:14 AM	0.021	0.020	0.0	0.0	0.0
13560	10:11:14 AM	0.021	0.021	0.0	0.0	0.0
13620	10:12:14 AM	0.02	0.021	0.0	0.0	0.0
13680	10:13:14 AM	0.02	0.021	0.0	0.0	0.0
13740	10:14:14 AM	0.02	0.021	0.0	0.0	0.0
13800	10:15:14 AM	0.021	0.021	0.0	0.0	0.0
13860	10:16:14 AM	0.02	0.021	0.0	0.0	0.0
13920	10:17:14 AM	0.02	0.021	0.0	0.0	0.0
13980	10:18:14 AM	0.021	0.021	0.0	0.0	0.0
14040	10:19:14 AM	0.021	0.021	0.0	0.0	0.0
14100	10:20:14 AM	0.02	0.021	0.0	0.0	0.0
14160	10:21:14 AM	0.021	0.022	0.0	0.0	0.0
14220	10:22:14 AM	0.02	0.022	0.0	0.0	0.0
14280	10:23:14 AM	0.02	0.022	0.0	0.0	0.0
14340	10:24:14 AM	0.021	0.022	0.0	0.0	0.0
14400	10:25:14 AM	0.022	0.022	0.0	0.0	0.0
14460	10:26:14 AM	0.021	0.022	0.0	0.0	0.0
14520	10:27:14 AM	0.021	0.023	0.0	0.0	0.0
14580	10:28:14 AM	0.021	0.023	0.0	0.0	0.0
14640	10:29:14 AM	0.021	0.023	0.0	0.0	0.0
14700	10:30:14 AM	0.022	0.024	0.0	0.0	0.0
14760	10:31:14 AM	0.024	0.024	0.0	0.0	0.0
14820	10:32:14 AM	0.023	0.024	0.0	0.0	0.0
14880	10:33:14 AM	0.023	0.024	0.0	0.0	0.0
14940	10:34:14 AM	0.022	0.024	0.0	0.0	0.0
15000	10:35:14 AM	0.023	0.024	0.0	0.0	0.0
15060	10:36:14 AM	0.024	0.024	0.0	0.0	0.0
15120	10:37:14 AM	0.023	0.024	0.0	0.0	0.0
15180	10:38:14 AM	0.023	0.024	0.0	0.0	0.0
15240	10:39:14 AM	0.023	0.024	0.0	0.0	0.0
15300	10:40:14 AM	0.023	0.024	0.0	0.0	0.0
15360	10:41:14 AM	0.024	0.024	0.0	0.0	0.0
15420	10:42:14 AM	0.025	0.025	0.0	0.0	0.0
15480	10:43:14 AM	0.025	0.025	0.0	0.0	0.0
15540	10:44:14 AM	0.026	0.025	0.0	0.0	0.0
15600	10:45:14 AM	0.025	0.024	0.0	0.0	0.0
15660	10:46:14 AM	0.024	0.024	0.0	0.0	0.0
15720	10:47:14 AM	0.024	0.025	0.0	0.0	0.0
15780	10:48:14 AM	0.023	0.025	0.0	0.0	0.0
15840	10:49:14 AM	0.024	0.025	0.0	0.0	0.0
15900	10:50:14 AM	0.026	0.025	0.0	0.0	0.0
15960	10:51:14 AM	0.023	0.025	0.0	0.0	0.0
16020	10:52:14 AM	0.023	0.025	0.0	0.0	0.0
16080	10:53:14 AM	0.024	0.025	0.0	0.0	0.0
16140	10:54:14 AM	0.025	0.025	0.0	0.0	0.0
16200	10:55:14 AM	0.026	0.025	0.0	0.0	0.0
16260	10:56:14 AM	0.025	0.025	0.0	0.0	0.0
16320	10:57:14 AM	0.025	0.024	0.0	0.0	0.0
16380	10:58:14 AM	0.025	0.024	0.0	0.0	0.0
16440	10:59:14 AM	0.025	0.024	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	11:00:14 AM	0.025	0.023	0.0	0.0	0.0
16560	11:01:14 AM	0.026	0.023	0.0	0.0	0.0
16620	11:02:14 AM	0.025	0.023	0.0	0.0	0.0
16680	11:03:14 AM	0.024	0.023	0.0	0.0	0.0
16740	11:04:14 AM	0.024	0.022	0.0	0.0	0.0
16800	11:05:14 AM	0.023	0.022	0.0	0.0	0.0
16860	11:06:14 AM	0.024	0.022	0.0	0.0	0.0
16920	11:07:14 AM	0.026	0.022	0.0	0.0	0.0
16980	11:08:14 AM	0.025	0.021	0.0	0.0	0.0
17040	11:09:14 AM	0.024	0.021	0.0	0.0	0.0
17100	11:10:14 AM	0.023	0.021	0.0	0.0	0.0
17160	11:11:14 AM	0.02	0.021	0.0	0.0	0.0
17220	11:12:14 AM	0.02	0.021	0.0	0.0	0.0
17280	11:13:14 AM	0.02	0.021	0.0	0.0	0.0
17340	11:14:14 AM	0.022	0.021	0.0	0.0	0.0
17400	11:15:14 AM	0.02	0.021	0.0	0.0	0.0
17460	11:16:14 AM	0.022	0.021	0.0	0.0	0.0
17520	11:17:14 AM	0.022	0.021	0.0	0.0	0.0
17580	11:18:14 AM	0.022	0.021	0.0	0.0	0.0
17640	11:19:14 AM	0.021	0.021	0.0	0.0	0.0
17700	11:20:14 AM	0.02	0.021	0.0	0.0	0.0
17760	11:21:14 AM	0.02	0.021	0.0	0.0	0.0
17820	11:22:14 AM	0.02	0.022	0.0	0.0	0.0
17880	11:23:14 AM	0.02	0.023	0.0	0.0	0.0
17940	11:24:14 AM	0.02	0.024	0.0	0.0	0.0
18000	11:25:14 AM	0.021	0.024	0.0	0.0	0.0
18060	11:26:14 AM	0.022	0.024	0.0	0.0	0.0
18120	11:27:14 AM	0.022	0.024	0.0	0.0	0.0
18180	11:28:14 AM	0.022	0.024	0.0	0.0	0.0
18240	11:29:14 AM	0.022	0.025	0.0	0.0	0.0
18300	11:30:14 AM	0.022	0.025	0.0	0.0	0.0
18360	11:31:14 AM	0.022	0.025	0.0	0.0	0.0
18420	11:32:14 AM	0.022	0.025	0.0	0.0	0.0
18480	11:33:14 AM	0.022	0.025	0.0	0.0	0.0
18540	11:34:14 AM	0.022	0.025	0.0	0.0	0.0
18600	11:35:14 AM	0.022	0.025	0.0	0.0	0.0
18660	11:36:14 AM	0.023	0.025	0.0	0.0	0.0
18720	11:37:14 AM	0.048	0.025	0.0	0.0	0.0
18780	11:38:14 AM	0.027	0.024	0.0	0.0	0.0
18840	11:39:14 AM	0.022	0.023	0.0	0.0	0.0
18900	11:40:14 AM	0.022	0.023	0.0	0.0	0.0
18960	11:41:14 AM	0.022	0.023	0.0	0.0	0.0
19020	11:42:14 AM	0.022	0.023	0.0	0.0	0.0
19080	11:43:14 AM	0.032	0.023	0.0	0.0	0.0
19140	11:44:14 AM	0.021	0.022	0.0	0.0	0.0
19200	11:45:14 AM	0.02	0.022	0.0	0.0	0.0
19260	11:46:14 AM	0.022	0.022	0.0	0.0	0.0
19320	11:47:14 AM	0.023	0.022	0.0	0.0	0.0
19380	11:48:14 AM	0.021	0.022	0.0	0.0	0.0
19440	11:49:14 AM	0.021	0.022	0.0	0.0	0.0
19500	11:50:14 AM	0.026	0.022	0.0	0.0	0.0
19560	11:51:14 AM	0.033	0.021	0.0	0.0	0.0
19620	11:52:14 AM	0.022	0.021	0.0	0.0	0.0
19680	11:53:14 AM	0.02	0.021	0.0	0.0	0.0
19740	11:54:14 AM	0.02	0.021	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	11:55:14 AM	0.02	0.020	0.0	0.0	0.0
19860	11:56:14 AM	0.02	0.020	0.0	0.0	0.0
19920	11:57:14 AM	0.02	0.020	0.0	0.0	0.0
19980	11:58:14 AM	0.02	0.020	0.0	0.0	0.0
20040	11:59:14 AM	0.02	0.020	0.0	0.0	0.0
20100	12:00:14 PM	0.021	0.020	0.0	0.0	0.0
20160	12:01:14 PM	0.021	0.019	0.0	0.0	0.0
20220	12:02:14 PM	0.021	0.019	0.0	0.0	0.0
20280	12:03:14 PM	0.021	0.019	0.0	0.0	0.0
20340	12:04:14 PM	0.021	0.019	0.0	0.0	0.0
20400	12:05:14 PM	0.021	0.018	0.0	0.0	0.0
20460	12:06:14 PM	0.021	0.018	0.0	0.0	0.0
20520	12:07:14 PM	0.022	0.018	0.0	0.0	0.0
20580	12:08:14 PM	0.019	0.017	0.0	0.0	0.0
20640	12:09:14 PM	0.019	0.017	0.0	0.0	0.0
20700	12:10:14 PM	0.019	0.017	0.0	0.0	0.0
20760	12:11:14 PM	0.018	0.017	0.0	0.0	0.0
20820	12:12:14 PM	0.017	0.017	0.0	0.0	0.0
20880	12:13:14 PM	0.016	0.017	0.0	0.0	0.0
20940	12:14:14 PM	0.017	0.017	0.0	0.0	0.0
21000	12:15:14 PM	0.017	0.017	0.0	0.0	0.0
21060	12:16:14 PM	0.017	0.017	0.0	0.0	0.0
21120	12:17:14 PM	0.017	0.017	0.0	0.0	0.0
21180	12:18:14 PM	0.017	0.016	0.0	0.0	0.0
21240	12:19:14 PM	0.017	0.016	0.0	0.0	0.0
21300	12:20:14 PM	0.017	0.016	0.0	0.0	0.0
21360	12:21:14 PM	0.017	0.016	0.0	0.0	0.0
21420	12:22:14 PM	0.017	0.016	0.0	0.0	0.0
21480	12:23:14 PM	0.017	0.016	0.0	0.0	0.0
21540	12:24:14 PM	0.017	0.016	0.0	0.0	0.0
21600	12:25:14 PM	0.018	0.016	0.0	0.0	0.0
21660	12:26:14 PM	0.017	0.015	0.0	0.0	0.0
21720	12:27:14 PM	0.016	0.015	0.0	0.0	0.0
21780	12:28:14 PM	0.016	0.015	0.0	0.0	0.0
21840	12:29:14 PM	0.015	0.015	0.0	0.0	0.0
21900	12:30:14 PM	0.015	0.015	0.0	0.0	0.0
21960	12:31:14 PM	0.015	0.015	0.0	0.0	0.0
22020	12:32:14 PM	0.015	0.015	0.0	0.0	0.0
22080	12:33:14 PM	0.015	0.015	0.0	0.0	0.0
22140	12:34:14 PM	0.015	0.015	0.0	0.0	0.0
22200	12:35:14 PM	0.015	0.015	0.0	0.0	0.0
22260	12:36:14 PM	0.015	0.015	0.0	0.0	0.0
22320	12:37:14 PM	0.015	0.015	0.0	0.0	0.0
22380	12:38:14 PM	0.016	0.015	0.0	0.0	0.0
22440	12:39:14 PM	0.015	0.015	0.0	0.0	0.0
22500	12:40:14 PM	0.015	0.015	0.0	0.0	0.0
22560	12:41:14 PM	0.015	0.015	0.0	0.0	0.0
22620	12:42:14 PM	0.014	0.015	0.0	0.0	0.0
22680	12:43:14 PM	0.015	0.015	0.0	0.0	0.0
22740	12:44:14 PM	0.014	0.015	0.0	0.0	0.0
22800	12:45:14 PM	0.015	0.015	0.0	0.0	0.0
22860	12:46:14 PM	0.014	0.015	0.0	0.0	0.0
22920	12:47:14 PM	0.015	0.015	0.0	0.0	0.0
22980	12:48:14 PM	0.014	0.015	0.0	0.0	0.0
23040	12:49:14 PM	0.014	0.015	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	12:50:14 PM	0.014	0.015	0.0	0.0	0.0
23160	12:51:14 PM	0.014	0.015	0.0	0.0	0.0
23220	12:52:14 PM	0.014	0.015	0.0	0.0	0.0
23280	12:53:14 PM	0.016	0.015	0.0	0.0	0.0
23340	12:54:14 PM	0.015	0.014	0.0	0.0	0.0
23400	12:55:14 PM	0.016	0.014	0.0	0.0	0.0
23460	12:56:14 PM	0.015	0.014	0.0	0.0	0.0
23520	12:57:14 PM	0.015	0.014	0.0	0.0	0.0
23580	12:58:14 PM	0.014	0.014	0.0	0.0	0.0
23640	12:59:14 PM	0.015	0.014	0.0	0.0	0.0
23700	1:00:14 PM	0.015	0.014	0.0	0.0	0.0
23760	1:01:14 PM	0.014	0.014	0.0	0.0	0.0
23820	1:02:14 PM	0.014	0.014	0.0	0.0	0.0
23880	1:03:14 PM	0.014	0.014	0.0	0.0	0.0
23940	1:04:14 PM	0.014	0.014	0.0	0.0	0.0
24000	1:05:14 PM	0.014	0.014	0.0	0.0	0.0
24060	1:06:14 PM	0.014	0.015	0.0	0.0	0.0
24120	1:07:14 PM	0.014	0.015	0.0	0.0	0.0
24180	1:08:14 PM	0.014	0.015	0.0	0.0	0.0
24240	1:09:14 PM	0.014	0.015	0.0	0.0	0.0
24300	1:10:14 PM	0.014	0.015	0.0	0.0	0.0
24360	1:11:14 PM	0.014	0.015	0.0	0.0	0.0
24420	1:12:14 PM	0.014	0.015	0.0	0.0	0.0
24480	1:13:14 PM	0.015	0.016	0.0	0.0	0.0
24540	1:14:14 PM	0.015	0.016	0.0	0.0	0.0
24600	1:15:14 PM	0.015	0.016	0.0	0.0	0.0
24660	1:16:14 PM	0.015	0.016	0.0	0.0	0.0
24720	1:17:14 PM	0.015	0.016	0.0	0.0	0.0
24780	1:18:14 PM	0.014	0.016	0.0	0.0	0.0
24840	1:19:14 PM	0.016	0.016	0.0	0.0	0.0
24900	1:20:14 PM	0.015	0.016	0.0	0.0	0.0
24960	1:21:14 PM	0.016	0.017	0.0	0.0	0.0
25020	1:22:14 PM	0.015	0.018	0.0	0.0	0.0
25080	1:23:14 PM	0.016	0.018	0.0	0.0	0.0
25140	1:24:14 PM	0.015	0.018	0.0	0.0	0.0
25200	1:25:14 PM	0.015	0.018	0.0	0.0	0.0
25260	1:26:14 PM	0.017	0.018	0.0	0.0	0.0
25320	1:27:14 PM	0.019	0.018	0.0	0.0	0.0
25380	1:28:14 PM	0.019	0.018	0.0	0.0	0.0
25440	1:29:14 PM	0.018	0.018	0.0	0.0	0.0
25500	1:30:14 PM	0.018	0.017	0.0	0.0	0.0
25560	1:31:14 PM	0.015	0.017	0.0	0.0	0.0
25620	1:32:14 PM	0.015	0.017	0.0	0.0	0.0
25680	1:33:14 PM	0.015	0.017	0.0	0.0	0.0
25740	1:34:14 PM	0.016	0.017	0.0	0.0	0.0
25800	1:35:14 PM	0.019	0.017	0.0	0.0	0.0
25860	1:36:14 PM	0.036	0.016	0.0	0.0	0.0
25920	1:37:14 PM	0.015	0.015	0.0	0.0	0.0
25980	1:38:14 PM	0.014	0.015	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
26040	1:39:14 PM	0.014	0.015	0.0	0.0	0.0
26100	1:40:14 PM	0.015	0.015	0.0	0.0	0.0
26160	1:41:14 PM	0.017	0.015	0.0	0.0	0.0
26220	1:42:14 PM	0.017	0.015	0.0	0.0	0.0
26280	1:43:14 PM	0.019	0.014	0.0	0.0	0.0
26340	1:44:14 PM	0.015	0.014	0.0	0.0	0.0
26400	1:45:14 PM	0.014	0.014	0.0	0.0	0.0
26460	1:46:14 PM	0.014	0.014	0.0	0.0	0.0
26520	1:47:14 PM	0.014	0.014	0.0	0.0	0.0
26580	1:48:14 PM	0.014	0.014	0.0	0.0	0.0
26640	1:49:14 PM	0.014	0.014	0.0	0.0	0.0
26700	1:50:14 PM	0.013	0.014	0.0	0.0	0.0
26760	1:51:14 PM	0.014	0.014	0.0	0.0	0.0
26820	1:52:14 PM	0.014	0.014	0.0	0.0	0.0
26880	1:53:14 PM	0.015	0.014	0.0	0.0	0.0
26940	1:54:14 PM	0.014	0.014	0.0	0.0	0.0
27000	1:55:14 PM	0.016	0.014	0.0	0.0	0.0
27060	1:56:14 PM	0.014	0.013	0.0	0.0	0.0
27120	1:57:14 PM	0.013	0.013	0.0	0.0	0.0
27180	1:58:14 PM	0.014	0.013	0.0	0.0	0.0
27240	1:59:14 PM	0.014	0.013	0.0	0.0	0.0
27300	2:00:14 PM	0.013	0.013	0.0	0.0	0.0
27360	2:01:14 PM	0.013	0.013	0.0	0.0	0.0
27420	2:02:14 PM	0.013	0.013	0.0	0.0	0.0
27480	2:03:14 PM	0.013	0.013	0.0	0.0	0.0
27540	2:04:14 PM	0.013	0.013	0.0	0.0	0.0
27600	2:05:14 PM	0.013	0.013	0.0	0.0	0.0

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/3/19 6:41 AM						
60	6:41:25 AM	0.039	0.039	0.1	0.2	0.0
120	6:42:25 AM	0.039	0.039	0.0	0.0	0.0
180	6:43:25 AM	0.04	0.039	0.0	0.0	0.0
240	6:44:25 AM	0.039	0.039	0.0	0.0	0.0
300	6:45:25 AM	0.04	0.039	0.0	0.0	0.0
360	6:46:25 AM	0.039	0.039	0.0	0.0	0.0
420	6:47:25 AM	0.039	0.039	0.0	0.0	0.0
480	6:48:25 AM	0.039	0.039	0.0	0.0	0.0
540	6:49:25 AM	0.038	0.039	0.0	0.0	0.0
600	6:50:25 AM	0.038	0.039	0.0	0.0	0.0
660	6:51:25 AM	0.038	0.039	0.0	0.0	0.0
720	6:52:25 AM	0.041	0.039	0.0	0.0	0.0
780	6:53:25 AM	0.039	0.038	0.0	0.0	0.0
840	6:54:25 AM	0.038	0.038	0.0	0.0	0.0
900	6:55:25 AM	0.039	0.038	0.0	0.0	0.0
960	6:56:25 AM	0.038	0.038	0.0	0.0	0.0
1020	6:57:25 AM	0.039	0.038	0.0	0.0	0.0
1080	6:58:25 AM	0.038	0.038	0.0	0.1	0.1
1140	6:59:25 AM	0.039	0.038	0.0	0.1	0.1
1200	7:00:25 AM	0.039	0.038	0.0	0.0	0.1
1260	7:01:25 AM	0.038	0.038	0.0	0.0	0.1
1320	7:02:25 AM	0.039	0.037	0.0	0.0	0.1
1380	7:03:25 AM	0.038	0.037	0.0	0.0	0.1
1440	7:04:25 AM	0.038	0.038	0.0	0.0	0.2
1500	7:05:25 AM	0.038	0.038	0.0	0.0	0.2
1560	7:06:25 AM	0.038	0.038	0.1	0.1	0.2
1620	7:07:25 AM	0.038	0.038	0.1	0.1	0.2
1680	7:08:25 AM	0.037	0.038	0.1	0.1	0.3
1740	7:09:25 AM	0.037	0.038	0.1	0.1	0.3
1800	7:10:25 AM	0.037	0.038	0.1	0.1	0.3
1860	7:11:25 AM	0.038	0.038	0.1	0.2	0.3
1920	7:12:25 AM	0.037	0.038	0.2	0.2	0.3
1980	7:13:25 AM	0.037	0.038	0.2	0.2	0.4
2040	7:14:25 AM	0.037	0.038	0.2	0.2	0.4
2100	7:15:25 AM	0.037	0.038	0.2	0.3	0.4
2160	7:16:25 AM	0.036	0.038	0.3	0.3	0.4
2220	7:17:25 AM	0.037	0.038	0.4	0.5	0.4
2280	7:18:25 AM	0.042	0.038	0.4	0.7	0.4
2340	7:19:25 AM	0.041	0.038	0.3	0.5	0.4
2400	7:20:25 AM	0.037	0.038	0.4	0.4	0.5
2460	7:21:25 AM	0.039	0.038	0.4	0.4	0.6
2520	7:22:25 AM	0.038	0.038	0.4	0.5	0.9
2580	7:23:25 AM	0.037	0.037	0.4	0.4	0.9
2640	7:24:25 AM	0.038	0.037	0.4	0.4	1.0
2700	7:25:25 AM	0.037	0.037	0.5	0.5	1.1
2760	7:26:25 AM	0.037	0.037	0.5	0.5	1.1
2820	7:27:25 AM	0.038	0.037	0.4	0.5	1.2
2880	7:28:25 AM	0.038	0.037	0.4	0.5	1.2
2940	7:29:25 AM	0.038	0.037	0.5	0.5	1.3
3000	7:30:25 AM	0.039	0.036	0.5	0.5	1.3
3060	7:31:25 AM	0.038	0.036	0.5	0.5	1.4
3120	7:32:25 AM	0.037	0.036	0.5	0.6	1.5
3180	7:33:25 AM	0.036	0.036	0.5	0.5	1.6
3240	7:34:25 AM	0.04	0.036	0.5	0.6	1.6

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:35:25 AM	0.037	0.035	2.9	5.9	1.7
3360	7:36:25 AM	0.035	0.035	4.0	7.1	1.6
3420	7:37:25 AM	0.035	0.035	1.4	1.6	1.4
3480	7:38:25 AM	0.037	0.035	1.0	1.2	1.4
3540	7:39:25 AM	0.036	0.035	1.8	3.8	1.4
3600	7:40:25 AM	0.036	0.034	1.4	1.8	1.3
3660	7:41:25 AM	0.035	0.034	1.1	1.5	1.3
3720	7:42:25 AM	0.035	0.034	1.2	1.4	1.2
3780	7:43:25 AM	0.035	0.034	1.4	2.1	1.2
3840	7:44:25 AM	0.036	0.034	1.2	1.8	1.2
3900	7:45:25 AM	0.034	0.034	1.8	2.2	1.1
3960	7:46:25 AM	0.034	0.034	1.4	2.1	1.1
4020	7:47:25 AM	0.034	0.034	1.7	2.1	1.1
4080	7:48:25 AM	0.035	0.034	1.7	2.1	1.0
4140	7:49:25 AM	0.035	0.033	1.4	1.8	1.0
4200	7:50:25 AM	0.034	0.033	1.4	1.7	1.0
4260	7:51:25 AM	0.033	0.033	1.0	1.2	0.9
4320	7:52:25 AM	0.034	0.033	0.9	1.1	0.9
4380	7:53:25 AM	0.033	0.033	1.0	1.1	0.9
4440	7:54:25 AM	0.033	0.033	0.8	0.9	0.9
4500	7:55:25 AM	0.033	0.033	0.8	0.8	0.9
4560	7:56:25 AM	0.033	0.033	0.8	0.8	1.0
4620	7:57:25 AM	0.033	0.033	0.8	0.9	1.0
4680	7:58:25 AM	0.034	0.034	0.8	0.8	1.0
4740	7:59:25 AM	0.034	0.034	0.8	1.0	1.0
4800	8:00:25 AM	0.034	0.033	1.2	1.4	1.0
4860	8:01:25 AM	0.033	0.033	1.1	1.3	1.0
4920	8:02:25 AM	0.033	0.033	1.0	1.2	1.0
4980	8:03:25 AM	0.033	0.033	1.0	1.2	1.0
5040	8:04:25 AM	0.033	0.033	0.9	1.0	1.0
5100	8:05:25 AM	0.033	0.033	1.2	1.3	1.0
5160	8:06:25 AM	0.033	0.033	1.0	1.1	1.0
5220	8:07:25 AM	0.032	0.033	1.0	1.0	1.0
5280	8:08:25 AM	0.033	0.033	0.9	1.0	1.0
5340	8:09:25 AM	0.032	0.033	0.9	1.0	1.0
5400	8:10:25 AM	0.033	0.033	0.9	1.0	1.0
5460	8:11:25 AM	0.033	0.033	1.3	1.6	1.0
5520	8:12:25 AM	0.04	0.033	1.0	1.3	1.0
5580	8:13:25 AM	0.035	0.032	1.1	1.2	1.0
5640	8:14:25 AM	0.032	0.032	1.1	1.2	1.0
5700	8:15:25 AM	0.032	0.032	1.1	1.2	1.0
5760	8:16:25 AM	0.033	0.032	1.0	1.0	1.0
5820	8:17:25 AM	0.032	0.032	1.0	1.1	1.0
5880	8:18:25 AM	0.032	0.031	1.0	1.1	1.0
5940	8:19:25 AM	0.031	0.031	1.0	1.1	1.0
6000	8:20:25 AM	0.032	0.031	1.0	1.1	1.0
6060	8:21:25 AM	0.032	0.031	1.0	1.0	1.0
6120	8:22:25 AM	0.032	0.031	1.0	1.0	1.0
6180	8:23:25 AM	0.031	0.031	1.0	1.1	1.0
6240	8:24:25 AM	0.032	0.031	1.0	1.0	1.0
6300	8:25:25 AM	0.032	0.032	1.0	1.0	1.0
6360	8:26:25 AM	0.031	0.032	1.0	1.0	1.0
6420	8:27:25 AM	0.031	0.032	1.0	1.0	1.0
6480	8:28:25 AM	0.031	0.032	1.0	1.0	1.0
6540	8:29:25 AM	0.031	0.032	1.0	1.0	1.1

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:30:25 AM	0.031	0.032	1.0	1.0	1.1
6660	8:31:25 AM	0.032	0.032	1.0	1.0	1.1
6720	8:32:25 AM	0.031	0.032	1.0	1.1	1.1
6780	8:33:25 AM	0.031	0.032	1.0	1.0	1.1
6840	8:34:25 AM	0.032	0.032	1.0	1.0	1.1
6900	8:35:25 AM	0.032	0.032	1.0	1.1	1.1
6960	8:36:25 AM	0.032	0.032	1.0	1.1	1.1
7020	8:37:25 AM	0.031	0.032	1.1	1.1	1.1
7080	8:38:25 AM	0.032	0.032	1.1	1.1	1.1
7140	8:39:25 AM	0.033	0.033	1.1	1.2	1.1
7200	8:40:25 AM	0.034	0.032	1.1	1.1	1.1
7260	8:41:25 AM	0.031	0.032	1.2	1.2	1.2
7320	8:42:25 AM	0.032	0.032	1.1	1.1	1.1

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/15/19 6:46 AM						
60	6:46:53 AM	0.018	0.004	0.3	1.3	0.02
120	6:47:53 AM	0.009	0.002	0	0	0.00
180	6:48:53 AM	0.007	0.002	0	0	0.00
240	6:49:53 AM	0.005	0.001	0	0	0.00
300	6:50:53 AM	0.004	0.001	0	0	0.00
360	6:51:53 AM	0.003	0.001	0	0	0.01
420	6:52:53 AM	0.002	0.001	0	0	0.01
480	6:53:53 AM	0.002	0.000	0	0	0.02
540	6:54:53 AM	0.001	0.000	0	0	0.03
600	6:55:53 AM	0.001	0.000	0	0	0.05
660	6:56:53 AM	0.001	0.001	0	0	0.06
720	6:57:53 AM	0.001	0.001	0	0	0.06
780	6:58:53 AM	0	0.002	0	0	0.06
840	6:59:53 AM	0	0.005	0	0	0.07
900	7:00:53 AM	0	0.008	0	0	0.08
960	7:01:53 AM	0	0.015	0	0	0.10
1020	7:02:53 AM	0	0.021	0	0	0.11
1080	7:03:53 AM	0	0.022	0	0	0.13
1140	7:04:53 AM	0	0.023	0	0.1	0.15
1200	7:05:53 AM	0	0.024	0.1	0.1	0.17
1260	7:06:53 AM	0	0.025	0.1	0.1	0.19
1320	7:07:53 AM	0	0.026	0.1	0.1	0.21
1380	7:08:53 AM	0	0.026	0.2	0.3	0.23
1440	7:09:53 AM	0	0.027	0.2	0.2	0.25
1500	7:10:53 AM	0.009	0.028	0.2	0.2	0.27
1560	7:11:53 AM	0.012	0.028	0	0	0.29
1620	7:12:53 AM	0.012	0.028	0	0	0.32
1680	7:13:53 AM	0.042	0.029	0.1	0.3	0.35
1740	7:14:53 AM	0.044	0.027	0.2	0.3	0.38
1800	7:15:53 AM	0.106	0.025	0.3	0.9	0.41
1860	7:16:53 AM	0.091	0.018	0.2	0.4	0.43
1920	7:17:53 AM	0.02	0.013	0.3	0.6	0.45
1980	7:18:53 AM	0.014	0.012	0.3	0.4	0.47
2040	7:19:53 AM	0.012	0.012	0.3	0.4	0.50
2100	7:20:53 AM	0.011	0.012	0.4	0.4	0.53
2160	7:21:53 AM	0.01	0.013	0.4	0.4	0.55
2220	7:22:53 AM	0.012	0.013	0.4	0.5	0.57
2280	7:23:53 AM	0.011	0.013	0.4	0.5	0.59
2340	7:24:53 AM	0.012	0.013	0.5	0.5	0.62
2400	7:25:53 AM	0.011	0.013	0.5	0.5	0.64
2460	7:26:53 AM	0.015	0.013	0.5	0.5	0.66

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
2520	7:27:53 AM	0.017	0.013	0.5	0.6	0.69
2580	7:28:53 AM	0.014	0.013	0.5	0.6	0.71
2640	7:29:53 AM	0.012	0.013	0.6	0.6	0.74
2700	7:30:53 AM	0.012	0.013	0.6	0.6	0.76
2760	7:31:53 AM	0.013	0.013	0.6	0.6	0.78
2820	7:32:53 AM	0.011	0.013	0.6	0.7	0.81
2880	7:33:53 AM	0.012	0.013	0.7	0.7	0.83
2940	7:34:53 AM	0.014	0.013	0.7	0.7	0.85
3000	7:35:53 AM	0.015	0.013	0.7	0.7	0.87
3060	7:36:53 AM	0.013	0.012	0.7	0.8	0.89
3120	7:37:53 AM	0.013	0.012	0.8	0.8	0.91
3180	7:38:53 AM	0.012	0.012	0.8	0.8	0.93
3240	7:39:53 AM	0.012	0.012	0.8	0.8	0.95
3300	7:40:53 AM	0.013	0.012	0.8	0.9	0.97
3360	7:41:53 AM	0.015	0.012	0.9	0.9	0.99
3420	7:42:53 AM	0.014	0.011	0.9	0.9	1.01
3480	7:43:53 AM	0.013	0.011	0.9	0.9	1.01
3540	7:44:53 AM	0.014	0.011	0.9	0.9	1.00
3600	7:45:53 AM	0.011	0.011	0.9	1	0.99
3660	7:46:53 AM	0.012	0.011	1	1	0.99
3720	7:47:53 AM	0.01	0.011	1	1	0.98
3780	7:48:53 AM	0.011	0.011	1	1	0.97
3840	7:49:53 AM	0.012	0.011	1	1	0.97
3900	7:50:53 AM	0.011	0.011	1	1	0.97
3960	7:51:53 AM	0.009	0.011	1	1.1	0.96
4020	7:52:53 AM	0.013	0.011	1.1	1.1	0.96
4080	7:53:53 AM	0.013	0.010	1.1	1.1	0.95
4140	7:54:53 AM	0.009	0.010	1.1	1.1	0.95
4200	7:55:53 AM	0.009	0.010	1.1	1.1	0.94
4260	7:56:53 AM	0.009	0.010	1.1	1.1	0.94
4320	7:57:53 AM	0.01	0.011	0.9	1.1	0.94
4380	7:58:53 AM	0.01	0.011	0.8	0.8	0.95
4440	7:59:53 AM	0.012	0.011	0.8	0.9	0.97
4500	8:00:53 AM	0.011	0.011	0.8	0.9	0.99
4560	8:01:53 AM	0.01	0.011	0.9	0.9	1.01
4620	8:02:53 AM	0.01	0.011	0.9	0.9	1.03
4680	8:03:53 AM	0.012	0.011	0.9	0.9	1.04
4740	8:04:53 AM	0.012	0.011	1	1	1.06
4800	8:05:53 AM	0.01	0.011	0.9	1	1.07
4860	8:06:53 AM	0.01	0.011	1	1	1.09
4920	8:07:53 AM	0.01	0.011	1	1	1.11
4980	8:08:53 AM	0.01	0.011	1	1	1.12
5040	8:09:53 AM	0.011	0.011	1	1.1	1.14
5100	8:10:53 AM	0.01	0.011	1.1	1.1	1.18
5160	8:11:53 AM	0.011	0.011	1.1	1.1	1.22
5220	8:12:53 AM	0.01	0.011	1.1	1.1	1.27
5280	8:13:53 AM	0.011	0.011	1.1	1.1	1.33
5340	8:14:53 AM	0.013	0.011	1.1	1.1	1.39
5400	8:15:53 AM	0.012	0.011	1.1	1.2	1.45
5460	8:16:53 AM	0.01	0.011	1.1	1.2	1.52
5520	8:17:53 AM	0.01	0.011	1.1	1.2	1.59

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
5580	8:18:53 AM	0.01	0.011	1.2	1.2	1.67
5640	8:19:53 AM	0.01	0.012	1.2	1.2	1.73
5700	8:20:53 AM	0.011	0.012	1.2	1.2	1.81
5760	8:21:53 AM	0.015	0.012	1.2	1.2	1.88
5820	8:22:53 AM	0.011	0.012	1.2	1.3	1.95
5880	8:23:53 AM	0.009	0.012	1.3	1.4	2.03
5940	8:24:53 AM	0.009	0.012	1.6	1.6	2.10
6000	8:25:53 AM	0.009	0.012	1.7	1.8	2.15
6060	8:26:53 AM	0.01	0.012	1.8	2	2.20
6120	8:27:53 AM	0.015	0.012	2	2	2.24
6180	8:28:53 AM	0.01	0.011	2	2.1	2.27
6240	8:29:53 AM	0.01	0.011	2.1	2.1	2.31
6300	8:30:53 AM	0.01	0.011	2.1	2.1	2.33
6360	8:31:53 AM	0.012	0.011	2.2	2.2	2.36
6420	8:32:53 AM	0.017	0.011	2.2	2.2	2.39
6480	8:33:53 AM	0.017	0.011	2.2	2.3	2.41
6540	8:34:53 AM	0.012	0.010	2.3	2.3	2.44
6600	8:35:53 AM	0.012	0.010	2.3	2.3	2.46
6660	8:36:53 AM	0.011	0.010	2.3	2.3	2.48
6720	8:37:53 AM	0.013	0.010	2.3	2.3	2.50
6780	8:38:53 AM	0.01	0.010	2.4	2.4	2.52
6840	8:39:53 AM	0.009	0.010	2.4	2.4	2.53
6900	8:40:53 AM	0.009	0.010	2.4	2.5	2.55
6960	8:41:53 AM	0.009	0.010	2.4	2.4	2.57
7020	8:42:53 AM	0.01	0.010	2.5	2.5	2.59
7080	8:43:53 AM	0.009	0.010	2.5	2.5	2.60
7140	8:44:53 AM	0.01	0.010	2.5	2.5	2.61
7200	8:45:53 AM	0.01	0.010	2.5	2.5	2.63
7260	8:46:53 AM	0.009	0.010	2.6	2.6	2.64
7320	8:47:53 AM	0.011	0.010	2.6	2.6	2.65
7380	8:48:53 AM	0.011	0.010	2.6	2.6	2.67
7440	8:49:53 AM	0.011	0.010	2.6	2.6	2.68
7500	8:50:53 AM	0.01	0.010	2.6	2.6	2.69
7560	8:51:53 AM	0.009	0.010	2.6	2.6	2.71
7620	8:52:53 AM	0.009	0.010	2.6	2.6	2.72
7680	8:53:53 AM	0.01	0.010	2.6	2.6	2.74
7740	8:54:53 AM	0.009	0.010	2.6	2.7	2.76
7800	8:55:53 AM	0.01	0.010	2.7	2.7	2.78
7860	8:56:53 AM	0.01	0.010	2.7	2.7	2.79
7920	8:57:53 AM	0.009	0.010	2.7	2.7	2.81
7980	8:58:53 AM	0.009	0.010	2.7	2.7	2.82
8040	8:59:53 AM	0.012	0.010	2.7	2.7	2.83
8100	9:00:53 AM	0.011	0.010	2.7	2.8	2.85
8160	9:01:53 AM	0.01	0.010	2.8	2.8	2.87
8220	9:02:53 AM	0.01	0.009	2.8	2.8	2.89
8280	9:03:53 AM	0.009	0.009	2.8	2.8	2.91
8340	9:04:53 AM	0.01	0.009	2.8	2.8	2.93
8400	9:05:53 AM	0.009	0.009	2.8	2.8	2.93
8460	9:06:53 AM	0.009	0.010	2.8	2.8	2.91
8520	9:07:53 AM	0.009	0.010	2.9	2.9	2.89
8580	9:08:53 AM	0.009	0.009	2.9	2.9	2.89
8640	9:09:53 AM	0.009	0.009	2.9	2.9	2.89

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
8700	9:10:53 AM	0.009	0.009	2.9	2.9	2.89
8760	9:11:53 AM	0.011	0.009	2.9	2.9	2.89
8820	9:12:53 AM	0.01	0.009	2.9	2.9	2.90
8880	9:13:53 AM	0.01	0.009	2.9	3	2.91
8940	9:14:53 AM	0.011	0.009	3	3	2.92
9000	9:15:53 AM	0.009	0.009	3	3	2.93
9060	9:16:53 AM	0.008	0.009	3	3.1	2.93
9120	9:17:53 AM	0.008	0.009	3.1	3.1	2.94
9180	9:18:53 AM	0.008	0.009	3.1	3.1	2.94
9240	9:19:53 AM	0.012	0.009	2.8	3.1	2.94
9300	9:20:53 AM	0.011	0.009	2.5	2.6	2.97
9360	9:21:53 AM	0.009	0.009	2.6	2.7	3.01
9420	9:22:53 AM	0.008	0.010	2.8	2.8	3.05
9480	9:23:53 AM	0.008	0.010	2.9	2.9	3.08
9540	9:24:53 AM	0.009	0.010	2.9	3	3.10
9600	9:25:53 AM	0.01	0.011	3	3	3.11
9660	9:26:53 AM	0.009	0.011	3	3	3.10
9720	9:27:53 AM	0.009	0.011	3	3.1	3.10
9780	9:28:53 AM	0.009	0.011	3.1	3.1	3.10
9840	9:29:53 AM	0.008	0.012	3.1	3.1	3.10
9900	9:30:53 AM	0.008	0.012	3.1	3.1	3.10
9960	9:31:53 AM	0.008	0.012	3.1	3.1	3.10
10020	9:32:53 AM	0.009	0.012	3.1	3.1	3.10
10080	9:33:53 AM	0.009	0.012	3.1	3.2	3.10
10140	9:34:53 AM	0.01	0.012	3.2	3.2	3.11
10200	9:35:53 AM	0.016	0.012	3.2	3.2	3.11
10260	9:36:53 AM	0.014	0.011	3.2	3.2	3.11
10320	9:37:53 AM	0.016	0.011	3.2	3.2	3.11
10380	9:38:53 AM	0.013	0.010	3.2	3.2	3.12
10440	9:39:53 AM	0.018	0.010	3	3.2	3.13
10500	9:40:53 AM	0.013	0.010	2.9	2.9	3.15
10560	9:41:53 AM	0.012	0.009	3	3	3.17
10620	9:42:53 AM	0.009	0.009	3	3.1	3.19
10680	9:43:53 AM	0.01	0.009	3.1	3.1	3.19
10740	9:44:53 AM	0.01	0.009	3.1	3.1	3.18
10800	9:45:53 AM	0.009	0.009	3.1	3.1	3.18
10860	9:46:53 AM	0.009	0.009	3.1	3.1	3.18
10920	9:47:53 AM	0.011	0.009	3.1	3.2	3.18
10980	9:48:53 AM	0.009	0.011	3.2	3.2	3.19
11040	9:49:53 AM	0.008	0.016	3.2	3.2	3.19
11100	9:50:53 AM	0.008	0.016	3.2	3.3	3.19
11160	9:51:53 AM	0.009	0.016	3.3	3.3	3.19
11220	9:52:53 AM	0.009	0.016	3.3	3.3	3.18
11280	9:53:53 AM	0.009	0.016	3.3	3.3	3.18
11340	9:54:53 AM	0.009	0.016	3.3	3.3	3.15
11400	9:55:53 AM	0.009	0.016	3.3	3.3	3.12
11460	9:56:53 AM	0.009	0.016	3.2	3.3	3.10
11520	9:57:53 AM	0.01	0.022	3	3	3.09

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
11580	9:58:53 AM	0.009	0.036	3	3.1	3.10
11640	9:59:53 AM	0.009	0.040	3.1	3.1	3.11
11700	10:00:53 AM	0.009	0.040	3.1	3.1	3.11
11760	10:01:53 AM	0.009	0.040	3.1	3.2	3.12
11820	10:02:53 AM	0.035	0.041	3.2	3.2	3.13
11880	10:03:53 AM	0.086	0.040	3.2	3.5	3.14
11940	10:04:53 AM	0.011	0.048	3.2	3.2	3.14
12000	10:05:53 AM	0.009	0.048	3.2	3.2	3.14
12060	10:06:53 AM	0.009	0.061	3.2	3.3	3.15
12120	10:07:53 AM	0.009	0.070	3.3	3.3	3.15
12180	10:08:53 AM	0.009	0.070	2.8	2.9	3.15
12240	10:09:53 AM	0.009	0.097	2.9	3	3.19
12300	10:10:53 AM	0.009	0.098	3	3	3.21
12360	10:11:53 AM	0.091	0.107	3.1	3.1	3.23
12420	10:12:53 AM	0.226	0.141	3.1	3.2	3.25
12480	10:13:53 AM	0.068	0.127	3.1	3.2	3.27
12540	10:14:53 AM	0.014	0.127	3.2	3.2	3.29
12600	10:15:53 AM	0.012	0.144	3.2	3.2	3.30
12660	10:16:53 AM	0.021	0.161	3.3	3.9	3.31
12720	10:17:53 AM	0.02	0.161	3.3	3.3	3.32
12780	10:18:53 AM	0.204	0.181	3.2	3.5	3.33
12840	10:19:53 AM	0.016	0.173	3.2	3.3	3.34
12900	10:20:53 AM	0.201	0.180	3.3	3.3	3.36
12960	10:21:53 AM	0.134	0.172	3.3	3.4	3.37
13020	10:22:53 AM	0.022	0.197	3.3	3.3	3.39
13080	10:23:53 AM	0.405	0.203	3.3	3.4	3.41
13140	10:24:53 AM	0.025	0.204	3.3	3.4	3.43
13200	10:25:53 AM	0.145	0.209	3.3	3.7	3.45
13260	10:26:53 AM	0.597	0.203	3.3	3.4	3.46
13320	10:27:53 AM	0.015	0.165	3.4	3.4	3.47
13380	10:28:53 AM	0.068	0.164	3.4	3.4	3.48
13440	10:29:53 AM	0.279	0.160	3.4	3.4	3.47
13500	10:30:53 AM	0.269	0.170	3.4	3.4	3.43
13560	10:31:53 AM	0.011	0.155	3.4	3.5	3.41
13620	10:32:53 AM	0.331	0.158	3.4	3.5	3.39
13680	10:33:53 AM	0.08	0.136	3.4	3.6	3.37
13740	10:34:53 AM	0.111	0.137	3.5	3.5	3.37
13800	10:35:53 AM	0.095	0.130	3.5	3.5	3.36
13860	10:36:53 AM	0.508	0.151	3.6	3.7	3.35
13920	10:37:53 AM	0.113	0.121	3.5	3.5	3.35
13980	10:38:53 AM	0.408	0.114	3.6	3.6	3.35
14040	10:39:53 AM	0.107	0.088	3.6	3.8	3.35
14100	10:40:53 AM	0.06	0.082	3.5	3.7	3.35
14160	10:41:53 AM	0.013	0.079	3.5	3.5	3.36
14220	10:42:53 AM	0.012	0.079	3.5	3.5	3.37
14280	10:43:53 AM	0.01	0.080	3.3	3.5	3.39
14340	10:44:53 AM	0.427	0.080	2.8	3	3.41
14400	10:45:53 AM	0.037	0.057	3	3.1	3.48
14460	10:46:53 AM	0.052	0.055	3.1	3.2	3.53
14520	10:47:53 AM	0.011	0.052	3.2	3.3	3.58
14580	10:48:53 AM	0.089	0.052	3.3	3.4	3.62

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
14640	10:49:53 AM	0.015	0.047	3.4	3.4	3.65
14700	10:50:53 AM	0.407	0.054	3.4	3.5	3.69
14760	10:51:53 AM	0.053	0.032	3.5	3.5	3.72
14820	10:52:53 AM	0.01	0.029	3.6	3.6	3.75
14880	10:53:53 AM	0.01	0.029	3.6	3.6	3.77
14940	10:54:53 AM	0.018	0.029	3.6	3.6	3.79
15000	10:55:53 AM	0.015	0.028	3.6	3.7	3.81
15060	10:56:53 AM	0.016	0.028	3.7	3.7	3.83
15120	10:57:53 AM	0.033	0.027	3.7	3.7	3.84
15180	10:58:53 AM	0.01	0.026	3.7	3.8	3.85
15240	10:59:53 AM	0.074	0.047	3.8	3.8	3.87
15300	11:00:53 AM	0.01	0.053	3.8	3.8	3.88
15360	11:01:53 AM	0.009	0.057	3.8	3.8	3.89
15420	11:02:53 AM	0.009	0.057	3.8	3.8	3.88
15480	11:03:53 AM	0.02	0.057	3.8	3.8	3.83
15540	11:04:53 AM	0.113	0.056	3.9	3.9	3.81
15600	11:05:53 AM	0.077	0.049	3.9	3.9	3.79
15660	11:06:53 AM	0.009	0.045	3.9	3.9	3.78
15720	11:07:53 AM	0.009	0.045	3.9	3.9	3.78
15780	11:08:53 AM	0.009	0.045	3.9	3.9	3.79
15840	11:09:53 AM	0.008	0.045	3.9	3.9	3.80
15900	11:10:53 AM	0.009	0.045	3.9	3.9	3.81
15960	11:11:53 AM	0.009	0.045	3.9	3.9	3.83
16020	11:12:53 AM	0.009	0.045	3.9	3.9	3.85
16080	11:13:53 AM	0.328	0.045	3.9	4	3.88
16140	11:14:53 AM	0.162	0.024	4	4.1	3.91
16200	11:15:53 AM	0.071	0.014	3.9	4	3.93
16260	11:16:53 AM	0.01	0.010	3.7	4	3.96
16320	11:17:53 AM	0.013	0.010	3.1	3.2	4.01
16380	11:18:53 AM	0.01	0.010	3.4	3.5	4.09
16440	11:19:53 AM	0.009	0.010	3.6	3.7	4.05
16500	11:20:53 AM	0.009	0.010	3.8	3.8	3.97
16560	11:21:53 AM	0.01	0.010	3.9	4	3.87
16620	11:22:53 AM	0.014	0.010	4	4	3.77
16680	11:23:53 AM	0.009	0.010	4.1	4.1	3.69
16740	11:24:53 AM	0.009	0.010	4.1	4.2	3.61
16800	11:25:53 AM	0.009	0.010	4.2	4.2	3.55
16860	11:26:53 AM	0.009	0.010	4.2	4.3	3.50
16920	11:27:53 AM	0.009	0.010	4.3	4.3	3.45
16980	11:28:53 AM	0.009	0.010	4.3	4.3	3.41
17040	11:29:53 AM	0.01	0.010	4.3	4.4	3.37
17100	11:30:53 AM	0.01	0.010	4.4	4.4	3.33
17160	11:31:53 AM	0.01	0.010	4.4	4.4	3.30
17220	11:32:53 AM	0.011	0.010	4.3	4.4	3.27
17280	11:33:53 AM	0.011	0.010	2.9	3.3	3.25
17340	11:34:53 AM	0.012	0.010	2.4	2.7	3.32
17400	11:35:53 AM	0.01	0.010	2.2	2.3	3.43
17460	11:36:53 AM	0.01	0.010	2.4	2.6	3.55
17520	11:37:53 AM	0.01	0.010	2.8	2.9	3.67
17580	11:38:53 AM	0.01	0.010	3	3.1	3.75

**CAMP Station
CHA - 1**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
17640	11:39:53 AM	0.009	0.010	3.2	3.3	3.83
17700	11:40:53 AM	0.01	0.010	3.4	3.5	3.89
17760	11:41:53 AM	0.011	0.010	3.5	3.6	3.94
17820	11:42:53 AM	0.01	0.010	3.6	3.7	3.93
17880	11:43:53 AM	0.01	0.010	3.7	3.8	3.87
17940	11:44:53 AM	0.01	0.010	3.8	3.8	3.81
18000	11:45:53 AM	0.009	0.010	3.9	3.9	3.73
18060	11:46:53 AM	0.01	0.010	3.9	3.9	3.64
18120	11:47:53 AM	0.01	0.010	4	4	3.55
18180	11:48:53 AM	0.01	0.010	4	4	3.46
18240	11:49:53 AM	0.009	0.010	4	4	3.42
18300	11:50:53 AM	0.009	0.010	4.1	4.1	3.38
18360	11:51:53 AM	0.01	0.010	4.1	4.1	3.32
18420	11:52:53 AM	0.01	0.010	4.1	4.1	3.25
18480	11:53:53 AM	0.01	0.010	4.1	4.1	3.16
18540	11:54:53 AM	0.011	0.010	4.1	4.2	3.06
18600	11:55:53 AM	0.011	0.010	4.2	4.2	2.93
18660	11:56:53 AM	0.01	0.010	3.3	4.2	2.74
18720	11:57:53 AM	0.01	0.010	2.8	2.9	2.65
18780	11:58:53 AM	0.01	0.010	2.7	2.7	2.62
18840	11:59:53 AM	0.01	0.010	2.6	2.7	2.60
18900	12:00:53 PM	0.01	0.010	2.6	2.6	2.60
18960	12:01:53 PM	0.01	0.011	2.6	2.6	2.60
19020	12:02:53 PM	0.011	0.011	2.6	2.6	2.60

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/24/19 7:56 AM						
60	7:57:42 AM	0.045	0.042	PID data was corrupted. Unable to download from the device		
120	7:58:42 AM	0.025	0.040			
180	7:59:42 AM	0.025	0.041			
240	8:00:42 AM	0.028	0.042			
300	8:01:42 AM	0.027	0.043			
360	8:02:42 AM	0.043	0.044			
420	8:03:42 AM	0.054	0.043			
480	8:04:42 AM	0.084	0.043			
540	8:05:42 AM	0.023	0.042			
600	8:06:42 AM	0.056	0.049			
660	8:07:42 AM	0.039	0.050			
720	8:08:42 AM	0.044	0.051			
780	8:09:42 AM	0.044	0.052			
840	8:10:42 AM	0.053	0.058			
900	8:11:42 AM	0.037	0.061			
960	8:12:42 AM	0.012	0.064			
1020	8:13:42 AM	0.04	0.071			
1080	8:14:42 AM	0.042	0.081			
1140	8:15:42 AM	0.047	0.086			
1200	8:16:42 AM	0.036	0.093			
1260	8:17:42 AM	0.035	0.105			
1320	8:18:42 AM	0.054	0.110			
1380	8:19:42 AM	0.07	0.121			
1440	8:20:42 AM	0.12	0.127			
1500	8:21:42 AM	0.074	0.125			
1560	8:22:42 AM	0.058	0.130			
1620	8:23:42 AM	0.06	0.136			
1680	8:24:42 AM	0.135	0.142			
1740	8:25:42 AM	0.099	0.137			
1800	8:26:42 AM	0.084	0.143			
1860	8:27:42 AM	0.115	0.146			
1920	8:28:42 AM	0.179	0.149			
1980	8:29:42 AM	0.121	0.148			
2040	8:30:42 AM	0.16	0.149			
2100	8:31:42 AM	0.215	0.152			
2160	8:32:42 AM	0.112	0.145			
2220	8:33:42 AM	0.211	0.151			
2280	8:34:42 AM	0.16	0.150			
2340	8:35:42 AM	0.096	0.150			
2400	8:36:42 AM	0.146	0.146			
2460	8:37:42 AM	0.141	0.144			
2520	8:38:42 AM	0.152	0.138			
2580	8:39:42 AM	0.071	0.129			
2640	8:40:42 AM	0.175	0.133			
2700	8:41:42 AM	0.131	0.123			
2760	8:42:42 AM	0.165	0.116			
2820	8:43:42 AM	0.165	0.107			
2880	8:44:42 AM	0.136	0.097			
2940	8:45:42 AM	0.202	0.088			
3000	8:46:42 AM	0.115	0.081			
3060	8:47:42 AM	0.2	0.075			
3120	8:48:42 AM	0.194	0.063			
3180	8:49:42 AM	0.168	0.051			
3240	8:50:42 AM	0.024	0.040			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	8:51:42 AM	0.128	0.039			
3360	8:52:42 AM	0.047	0.031			
3420	8:53:42 AM	0.011	0.029			
3480	8:54:42 AM	0.127	0.029			
3540	8:55:42 AM	0.039	0.021			
3600	8:56:42 AM	0.014	0.020			
3660	8:57:42 AM	0.031	0.020			
3720	8:58:42 AM	0.014	0.027			
3780	8:59:42 AM	0.01	0.035			
3840	9:00:42 AM	0.091	0.045			
3900	9:01:42 AM	0.032	0.051			
3960	9:02:42 AM	0.015	0.055			
4020	9:03:42 AM	0.01	0.059			
4080	9:04:42 AM	0.008	0.060			
4140	9:05:42 AM	0.013	0.062			
4200	9:06:42 AM	0.006	0.070			
4260	9:07:42 AM	0.012	0.077			
4320	9:08:42 AM	0.008	0.084			
4380	9:09:42 AM	0.008	0.094			
4440	9:10:42 AM	0.023	0.098			
4500	9:11:42 AM	0.023	0.101			
4560	9:12:42 AM	0.131	0.101			
4620	9:13:42 AM	0.142	0.093			
4680	9:14:42 AM	0.158	0.085			
4740	9:15:42 AM	0.174	0.075			
4800	9:16:42 AM	0.098	0.072			
4860	9:17:42 AM	0.073	0.073			
4920	9:18:42 AM	0.017	0.069			
4980	9:19:42 AM	0.047	0.069			
5040	9:20:42 AM	0.134	0.067			
5100	9:21:42 AM	0.108	0.059			
5160	9:22:42 AM	0.121	0.055			
5220	9:23:42 AM	0.152	0.051			
5280	9:24:42 AM	0.068	0.042			
5340	9:25:42 AM	0.064	0.038			
5400	9:26:42 AM	0.025	0.034			
5460	9:27:42 AM	0.016	0.033			
5520	9:28:42 AM	0.013	0.032			
5580	9:29:42 AM	0.012	0.033			
5640	9:30:42 AM	0.132	0.034			
5700	9:31:42 AM	0.114	0.028			
5760	9:32:42 AM	0.019	0.027			
5820	9:33:42 AM	0.017	0.037			
5880	9:34:42 AM	0.012	0.044			
5940	9:35:42 AM	0.014	0.045			
6000	9:36:42 AM	0.042	0.044			
6060	9:37:42 AM	0.058	0.042			
6120	9:38:42 AM	0.022	0.039			
6180	9:39:42 AM	0.008	0.038			
6240	9:40:42 AM	0.009	0.037			
6300	9:41:42 AM	0.006	0.037			
6360	9:42:42 AM	0.008	0.045			
6420	9:43:42 AM	0.016	0.055			
6480	9:44:42 AM	0.038	0.055			
6540	9:45:42 AM	0.035	0.054			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	9:46:42 AM	0.096	0.052			
6660	9:47:42 AM	0.17	0.046			
6720	9:48:42 AM	0.133	0.037			
6780	9:49:42 AM	0.018	0.037			
6840	9:50:42 AM	0.007	0.042			
6900	9:51:42 AM	0.004	0.044			
6960	9:52:42 AM	0.011	0.046			
7020	9:53:42 AM	0.004	0.046			
7080	9:54:42 AM	0.005	0.046			
7140	9:55:42 AM	0.006	0.046			
7200	9:56:42 AM	0.119	0.048			
7260	9:57:42 AM	0.156	0.042			
7320	9:58:42 AM	0.025	0.032			
7380	9:59:42 AM	0.015	0.031			
7440	10:00:42 AM	0.007	0.031			
7500	10:01:42 AM	0.007	0.031			
7560	10:02:42 AM	0.035	0.034			
7620	10:03:42 AM	0.135	0.033			
7680	10:04:42 AM	0.092	0.024			
7740	10:05:42 AM	0.044	0.018			
7800	10:06:42 AM	0.025	0.016			
7860	10:07:42 AM	0.013	0.015			
7920	10:08:42 AM	0.005	0.014			
7980	10:09:42 AM	0.005	0.014			
8040	10:10:42 AM	0.039	0.024			
8100	10:11:42 AM	0.02	0.032			
8160	10:12:42 AM	0.02	0.031			
8220	10:13:42 AM	0.009	0.032			
8280	10:14:42 AM	0.01	0.034			
8340	10:15:42 AM	0.007	0.035			
8400	10:16:42 AM	0.053	0.040			
8460	10:17:42 AM	0.017	0.038			
8520	10:18:42 AM	0.005	0.041			
8580	10:19:42 AM	0.005	0.059			
8640	10:20:42 AM	0.005	0.074			
8700	10:21:42 AM	0.005	0.082			
8760	10:22:42 AM	0.005	0.083			
8820	10:23:42 AM	0.011	0.084			
8880	10:24:42 AM	0.152	0.084			
8940	10:25:42 AM	0.152	0.079			
9000	10:26:42 AM	0.006	0.078			
9060	10:27:42 AM	0.034	0.094			
9120	10:28:42 AM	0.05	0.109			
9180	10:29:42 AM	0.017	0.121			
9240	10:30:42 AM	0.085	0.135			
9300	10:31:42 AM	0.021	0.142			
9360	10:32:42 AM	0.058	0.158			
9420	10:33:42 AM	0.281	0.168			
9480	10:34:42 AM	0.233	0.159			
9540	10:35:42 AM	0.114	0.149			
9600	10:36:42 AM	0.027	0.162			
9660	10:37:42 AM	0.023	0.179			
9720	10:38:42 AM	0.01	0.191			
9780	10:39:42 AM	0.07	0.204			
9840	10:40:42 AM	0.142	0.220			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	10:41:42 AM	0.249	0.230			
9960	10:42:42 AM	0.249	0.228			
10020	10:43:42 AM	0.233	0.230			
10080	10:44:42 AM	0.231	0.232			
10140	10:45:42 AM	0.196	0.236			
10200	10:46:42 AM	0.26	0.239			
10260	10:47:42 AM	0.209	0.242			
10320	10:48:42 AM	0.145	0.244			
10380	10:49:42 AM	0.075	0.248			
10440	10:50:42 AM	0.318	0.263			
10500	10:51:42 AM	0.276	0.249			
10560	10:52:42 AM	0.201	0.236			
10620	10:53:42 AM	0.202	0.224			
10680	10:54:42 AM	0.321	0.214			
10740	10:55:42 AM	0.289	0.203			
10800	10:56:42 AM	0.21	0.200			
10860	10:57:42 AM	0.286	0.203			
10920	10:58:42 AM	0.256	0.194			
10980	10:59:42 AM	0.289	0.188			
11040	11:00:42 AM	0.245	0.191			
11100	11:01:42 AM	0.302	0.192			
11160	11:02:42 AM	0.24	0.186			
11220	11:03:42 AM	0.207	0.186			
11280	11:04:42 AM	0.297	0.193			
11340	11:05:42 AM	0.109	0.190			
11400	11:06:42 AM	0.083	0.195			
11460	11:07:42 AM	0.019	0.211			
11520	11:08:42 AM	0.053	0.237			
11580	11:09:42 AM	0.158	0.251			
11640	11:10:42 AM	0.247	0.258			
11700	11:11:42 AM	0.249	0.253			
11760	11:12:42 AM	0.162	0.250			
11820	11:13:42 AM	0.156	0.252			
11880	11:14:42 AM	0.343	0.249			
11940	11:15:42 AM	0.253	0.236			
12000	11:16:42 AM	0.209	0.226			
12060	11:17:42 AM	0.242	0.219			
12120	11:18:42 AM	0.312	0.211			
12180	11:19:42 AM	0.258	0.198			
12240	11:20:42 AM	0.18	0.187			
12300	11:21:42 AM	0.327	0.178			
12360	11:22:42 AM	0.401	0.162			
12420	11:23:42 AM	0.275	0.142			
12480	11:24:42 AM	0.256	0.129			
12540	11:25:42 AM	0.168	0.112			
12600	11:26:42 AM	0.215	0.102			
12660	11:27:42 AM	0.186	0.096			
12720	11:28:42 AM	0.105	0.089			
12780	11:29:42 AM	0.156	0.085			
12840	11:30:42 AM	0.095	0.080			
12900	11:31:42 AM	0.114	0.078			
12960	11:32:42 AM	0.119	0.072			
13020	11:33:42 AM	0.117	0.071			
13080	11:34:42 AM	0.094	0.066			
13140	11:35:42 AM	0.037	0.060			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	11:36:42 AM	0.09	0.061			
13260	11:37:42 AM	0.106	0.056			
13320	11:38:42 AM	0.073	0.049			
13380	11:39:42 AM	0.007	0.045			
13440	11:40:42 AM	0.018	0.049			
13500	11:41:42 AM	0.122	0.051			
13560	11:42:42 AM	0.076	0.048			
13620	11:43:42 AM	0.056	0.048			
13680	11:44:42 AM	0.082	0.047			
13740	11:45:42 AM	0.054	0.046			
13800	11:46:42 AM	0.036	0.046			
13860	11:47:42 AM	0.091	0.047			
13920	11:48:42 AM	0.042	0.045			
13980	11:49:42 AM	0.008	0.045			
14040	11:50:42 AM	0.049	0.047			
14100	11:51:42 AM	0.015	0.046			
14160	11:52:42 AM	0.007	0.047			
14220	11:53:42 AM	0.015	0.049			
14280	11:54:42 AM	0.059	0.051			
14340	11:55:42 AM	0.06	0.049			
14400	11:56:42 AM	0.073	0.047			
14460	11:57:42 AM	0.066	0.044			
14520	11:58:42 AM	0.043	0.041			
14580	11:59:42 AM	0.067	0.041			
14640	12:00:42 PM	0.053	0.039			
14700	12:01:42 PM	0.062	0.037			
14760	12:02:42 PM	0.051	0.036			
14820	12:03:42 PM	0.042	0.034			
14880	12:04:42 PM	0.04	0.033			
14940	12:05:42 PM	0.03	0.032			
15000	12:06:42 PM	0.034	0.031			
15060	12:07:42 PM	0.041	0.030			
15120	12:08:42 PM	0.047	0.029			
15180	12:09:42 PM	0.027	0.027			
15240	12:10:42 PM	0.027	0.027			
15300	12:11:42 PM	0.028	0.029			
15360	12:12:42 PM	0.026	0.036			
15420	12:13:42 PM	0.037	0.040			
15480	12:14:42 PM	0.036	0.049			
15540	12:15:42 PM	0.031	0.056			
15600	12:16:42 PM	0.04	0.059			
15660	12:17:42 PM	0.031	0.059			
15720	12:18:42 PM	0.023	0.064			
15780	12:19:42 PM	0.023	0.070			
15840	12:20:42 PM	0.018	0.074			

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	12:21:42 PM	0.019	0.079			
15960	12:22:42 PM	0.025	0.090			
16020	12:23:42 PM	0.021	0.099			
16080	12:24:42 PM	0.02	0.109			
16140	12:25:42 PM	0.055	0.120			
16200	12:26:42 PM	0.142	0.126			
16260	12:27:42 PM	0.072	0.123			
16320	12:28:42 PM	0.182	0.124			
16380	12:29:42 PM	0.132	0.124			
16440	12:30:42 PM	0.084	0.124			
16500	12:31:42 PM	0.044	0.126			
16560	12:32:42 PM	0.106	0.130			
16620	12:33:42 PM	0.114	0.130			
16680	12:34:42 PM	0.072	0.131			
16740	12:35:42 PM	0.097	0.139			
16800	12:36:42 PM	0.182	0.143			
16860	12:37:42 PM	0.165	0.136			
16920	12:38:42 PM	0.167	0.134			
16980	12:39:42 PM	0.19	0.129			
17040	12:40:42 PM	0.142	0.124			
17100	12:41:42 PM	0.093	0.121			
17160	12:42:42 PM	0.089	0.123			
17220	12:43:42 PM	0.182	0.123			
17280	12:44:42 PM	0.134	0.117			
17340	12:45:42 PM	0.106	0.114			
17400	12:46:42 PM	0.117	0.112			
17460	12:47:42 PM	0.105	0.109			
17520	12:48:42 PM	0.131	0.107			
17580	12:49:42 PM	0.186	0.103			
17640	12:50:42 PM	0.151	0.095			
17700	12:51:42 PM	0.087	0.090			
17760	12:52:42 PM	0.132	0.090			
17820	12:53:42 PM	0.093	0.092			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
17880	12:54:42 PM	0.106	0.091			
17940	12:55:42 PM	0.107	0.088			
18000	12:56:42 PM	0.114	0.084			
18060	12:57:42 PM	0.094	0.079			
18120	12:58:42 PM	0.087	0.076			
18180	12:59:42 PM	0.088	0.073			
18240	1:00:42 PM	0.085	0.071			
18300	1:01:42 PM	0.074	0.071			
18360	1:02:42 PM	0.072	0.070			
18420	1:03:42 PM	0.069	0.082			
18480	1:04:42 PM	0.071	0.091			
18540	1:05:42 PM	0.066	0.091			
18600	1:06:42 PM	0.099	0.089			
18660	1:07:42 PM	0.16	0.085			
18720	1:08:42 PM	0.075	0.076			
18780	1:09:42 PM	0.056	0.074			
18840	1:10:42 PM	0.046	0.073			
18900	1:11:42 PM	0.05	0.073			
18960	1:12:42 PM	0.048	0.071			
19020	1:13:42 PM	0.042	0.070			
19080	1:14:42 PM	0.049	0.070			
19140	1:15:42 PM	0.091	0.068			
19200	1:16:42 PM	0.053	0.064			
19260	1:17:42 PM	0.259	0.062			
19320	1:18:42 PM	0.207	0.046			
19380	1:19:42 PM	0.064	0.034			
19440	1:20:42 PM	0.041	0.031			
19500	1:21:42 PM	0.036	0.030			
19560	1:22:42 PM	0.03	0.029			
19620	1:23:42 PM	0.041	0.028			
19680	1:24:42 PM	0.042	0.027			
19740	1:25:42 PM	0.036	0.025			
19800	1:26:42 PM	0.032	0.024			
19860	1:27:42 PM	0.029	0.023			
19920	1:28:42 PM	0.036	0.022			
19980	1:29:42 PM	0.027	0.021			
20040	1:30:42 PM	0.02	0.021			
20100	1:31:42 PM	0.024	0.021			
20160	1:32:42 PM	0.032	0.020			
20220	1:33:42 PM	0.021	0.019			
20280	1:34:42 PM	0.021	0.019			
20340	1:35:42 PM	0.025	0.019			
20400	1:36:42 PM	0.022	0.018			
20460	1:37:42 PM	0.014	0.017			
20520	1:38:42 PM	0.019	0.018			
20580	1:39:42 PM	0.018	0.018			
20640	1:40:42 PM	0.019	0.017			
20700	1:41:42 PM	0.017	0.017			
20760	1:42:42 PM	0.016	0.016			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/25/19 6:21 AM						
60	6:21:16	0.079	0.041	0.1	0.3	0.2
120	6:22:16	0.06	0.039	0.1	0.1	0.2
180	6:23:16	0.033	0.038	0.4	0.5	0.2
240	6:24:16	0.033	0.038	0.3	0.5	0.2
300	6:25:16	0.033	0.039	0.1	0.2	0.2
360	6:26:16	0.034	0.040	0.0	0.1	0.3
420	6:27:16	0.034	0.041	0.0	0.2	0.3
480	6:28:16	0.034	0.041	0.2	0.3	0.3
540	6:29:16	0.035	0.042	0.3	0.4	0.3
600	6:30:16	0.035	0.042	0.3	0.4	0.3
660	6:31:16	0.034	0.043	0.4	0.4	0.3
720	6:32:16	0.044	0.043	0.4	0.5	0.3
780	6:33:16	0.041	0.044	0.3	0.4	0.3
840	6:34:16	0.043	0.044	0.2	0.4	0.3
900	6:35:16	0.044	0.044	0.1	0.3	0.3
960	6:36:16	0.041	0.044	0.3	0.4	0.3
1020	6:37:16	0.045	0.044	0.3	0.5	0.3
1080	6:38:16	0.044	0.044	0.4	0.5	0.3
1140	6:39:16	0.049	0.044	0.4	0.5	0.3
1200	6:40:16	0.046	0.044	0.4	0.5	0.2
1260	6:41:16	0.041	0.043	0.3	0.4	0.2
1320	6:42:16	0.043	0.043	0.2	0.3	0.2
1380	6:43:16	0.04	0.043	0.3	0.4	0.2
1440	6:44:16	0.042	0.043	0.3	0.5	0.2
1500	6:45:16	0.043	0.043	0.2	0.4	0.2
1560	6:46:16	0.045	0.042	0.3	0.4	0.2
1620	6:47:16	0.046	0.042	0.3	0.3	0.2
1680	6:48:16	0.043	0.042	0.2	0.3	0.2
1740	6:49:16	0.048	0.042	0.3	0.3	0.2
1800	6:50:16	0.045	0.042	0.1	0.2	0.2
1860	6:51:16	0.047	0.041	0.1	0.2	0.2
1920	6:52:16	0.044	0.042	0.2	0.4	0.3
1980	6:53:16	0.041	0.043	0.3	0.4	0.3
2040	6:54:16	0.042	0.044	0.2	0.3	0.3
2100	6:55:16	0.039	0.044	0.2	0.3	0.2
2160	6:56:16	0.04	0.045	0.2	0.3	0.2
2220	6:57:16	0.039	0.051	0.2	0.3	0.2
2280	6:58:16	0.037	0.051	0.3	0.4	0.2
2340	6:59:16	0.04	0.052	0.3	0.5	0.2
2400	7:00:16	0.041	0.055	0.4	0.5	0.2
2460	7:01:16	0.041	0.056	0.2	0.6	0.2
2520	7:02:16	0.042	0.055	0.1	0.2	0.2
2580	7:03:16	0.044	0.055	0.5	0.9	0.2
2640	7:04:16	0.042	0.054	0.3	0.9	0.1
2700	7:05:16	0.041	0.054	0.1	0.2	0.1
2760	7:06:16	0.051	0.054	0.3	0.7	0.1
2820	7:07:16	0.061	0.053	0.4	0.8	0.1
2880	7:08:16	0.063	0.051	0.1	0.3	0.1
2940	7:09:16	0.034	0.051	0.1	0.5	0.1
3000	7:10:16	0.061	0.055	0.1	0.1	0.1
3060	7:11:16	0.121	0.053	0.1	0.1	0.1
3120	7:12:16	0.045	0.047	0.1	0.3	0.1
3180	7:13:16	0.049	0.046	0.0	0.1	0.1
3240	7:14:16	0.092	0.045	0.1	0.1	0.1

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:15:16	0.051	0.041	0.0	0.1	0.1
3360	7:16:16	0.024	0.039	0.3	0.8	0.1
3420	7:17:16	0.042	0.039	0.1	0.2	0.1
3480	7:18:16	0.035	0.038	0.1	0.2	0.1
3540	7:19:16	0.042	0.036	0.1	0.2	0.1
3600	7:20:16	0.046	0.034	0.1	0.2	0.1
3660	7:21:16	0.028	0.034	0.1	0.1	0.1
3720	7:22:16	0.035	0.032	0.1	0.1	0.1
3780	7:23:16	0.058	0.031	0.0	0.1	0.1
3840	7:24:16	0.095	0.028	0.0	0.1	0.1
3900	7:25:16	0.028	0.026	0.0	0.1	0.1
3960	7:26:16	0.032	0.027	0.0	0.0	0.1
4020	7:27:16	0.029	0.026	0.1	0.2	0.1
4080	7:28:16	0.036	0.024	0.1	0.2	0.1
4140	7:29:16	0.028	0.023	0.0	0.0	0.1
4200	7:30:16	0.022	0.026	0.1	0.2	0.1
4260	7:31:16	0.028	0.029	0.0	0.7	0.1
4320	7:32:16	0.022	0.028	0.3	1.0	0.1
4380	7:33:16	0.015	0.028	0.1	0.3	0.1
4440	7:34:16	0.013	0.027	0.0	0.1	0.1
4500	7:35:16	0.035	0.027	0.0	0.1	0.1
4560	7:36:16	0.009	0.026	0.1	0.4	0.1
4620	7:37:16	0.013	0.026	0.4	1.1	0.1
4680	7:38:16	0.015	0.029	0.1	0.2	0.1
4740	7:39:16	0.064	0.030	0.0	0.1	0.1
4800	7:40:16	0.046	0.027	0.0	0.1	0.1
4860	7:41:16	0.008	0.025	0.0	0.1	0.1
4920	7:42:16	0.012	0.028	0.0	0.1	0.1
4980	7:43:16	0.014	0.029	0.0	0.0	0.1
5040	7:44:16	0.079	0.029	0.1	0.5	0.1
5100	7:45:16	0.055	0.024	0.3	1.2	0.1
5160	7:46:16	0.019	0.021	0.0	0.1	0.1
5220	7:47:16	0.019	0.021	0.1	0.2	0.1
5280	7:48:16	0.009	0.023	0.2	0.5	0.1
5340	7:49:16	0.008	0.027	0.3	0.6	0.1
5400	7:50:16	0.013	0.027	0.1	0.2	0.1
5460	7:51:16	0.013	0.026	0.0	0.1	0.1
5520	7:52:16	0.06	0.026	0.0	0.0	0.1
5580	7:53:16	0.032	0.024	0.1	0.3	0.1
5640	7:54:16	0.014	0.022	0.0	0.1	0.1
5700	7:55:16	0.023	0.022	0.4	0.6	0.1
5760	7:56:16	0.049	0.021	0.1	0.3	0.1
5820	7:57:16	0.026	0.019	0.0	0.0	0.1
5880	7:58:16	0.01	0.018	0.1	0.2	0.1
5940	7:59:16	0.007	0.021	0.1	0.4	0.1
6000	8:00:16	0.011	0.022	0.1	0.1	0.1
6060	8:01:16	0.026	0.023	0.0	0.1	0.1
6120	8:02:16	0.039	0.022	0.0	0.1	0.1
6180	8:03:16	0.069	0.020	0.0	0.1	0.1
6240	8:04:16	0.009	0.016	0.1	0.3	0.1
6300	8:05:16	0.007	0.016	0.2	0.6	0.1
6360	8:06:16	0.01	0.019	0.2	0.4	0.1
6420	8:07:16	0.023	0.020	0.1	0.2	0.1
6480	8:08:16	0.01	0.019	0.1	0.2	0.1
6540	8:09:16	0.007	0.020	0.1	0.2	0.1

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:10:16	0.009	0.021	0.1	0.1	0.1
6660	8:11:16	0.021	0.022	0.0	0.1	0.1
6720	8:12:16	0.013	0.023	0.1	0.1	0.1
6780	8:13:16	0.048	0.024	0.2	0.3	0.2
6840	8:14:16	0.03	0.020	0.2	0.6	0.1
6900	8:15:16	0.02	0.019	0.2	0.4	0.1
6960	8:16:16	0.018	0.018	0.1	0.2	0.1
7020	8:17:16	0.011	0.019	0.1	0.1	0.1
7080	8:18:16	0.009	0.021	0.1	0.1	0.1
7140	8:19:16	0.011	0.027	0.2	0.4	0.2
7200	8:20:16	0.043	0.043	0.1	0.4	0.1
6/25/2019 restarted 08:39 AM (replaced enclosures)						
60	8:39:15	0.016	0.011	0.1	0.1	0.1
120	8:40:15	0.012	0.011	0.1	0.1	0.1
180	8:41:15	0.014	0.011	0.1	0.2	0.1
240	8:42:15	0.008	0.010	0.1	0.3	0.1
300	8:43:15	0.008	0.010	0.1	0.3	0.1
360	8:44:15	0.009	0.010	0.2	0.4	0.1
420	8:45:15	0.014	0.010	0.2	0.3	0.1
480	8:46:15	0.01	0.010	0.2	0.4	0.1
540	8:47:15	0.017	0.010	0.2	0.2	0.1
600	8:48:15	0.011	0.009	0.1	0.1	0.1
660	8:49:15	0.014	0.009	0.1	0.2	0.1
720	8:50:15	0.012	0.009	0.1	0.1	0.1
780	8:51:15	0.009	0.009	0.1	0.1	0.1
840	8:52:15	0.009	0.009	0.1	0.1	0.1
900	8:53:15	0.009	0.009	0.1	0.1	0.1
960	8:54:15	0.007	0.009	0.1	0.1	0.1
1020	8:55:15	0.009	0.009	0.1	0.3	0.1
1080	8:56:15	0.008	0.009	0.1	0.1	0.1
1140	8:57:15	0.007	0.010	0.1	0.2	0.1
1200	8:58:15	0.007	0.010	0.1	0.1	0.1
1260	8:59:15	0.012	0.010	0.1	0.3	0.1
1320	9:00:15	0.008	0.010	0.1	0.2	0.1
1380	9:01:15	0.009	0.010	0.1	0.1	0.1
1440	9:02:15	0.007	0.010	0.1	0.2	0.1
1500	9:03:15	0.008	0.010	0.1	0.2	0.1
1560	9:04:15	0.009	0.010	0.1	0.2	0.1
1620	9:05:15	0.01	0.010	0.1	0.1	0.1
1680	9:06:15	0.011	0.010	0.1	0.1	0.1
1740	9:07:15	0.009	0.010	0.3	0.7	0.1
1800	9:08:15	0.009	0.010	0.2	0.4	0.1
1860	9:09:15	0.009	0.011	0.1	0.2	0.1
1920	9:10:15	0.009	0.010	0.1	0.3	0.1
1980	9:11:15	0.023	0.010	0.2	0.3	0.2
2040	9:12:15	0.008	0.009	0.2	0.3	0.2
2100	9:13:15	0.009	0.009	0.1	0.1	0.1
2160	9:14:15	0.011	0.011	0.1	0.1	0.2
2220	9:15:15	0.013	0.012	0.1	0.1	0.2
2280	9:16:15	0.009	0.011	0.1	0.1	0.2
2340	9:17:15	0.008	0.012	0.1	0.1	0.2
2400	9:18:15	0.007	0.012	0.2	0.5	0.2
2460	9:19:15	0.007	0.013	0.2	0.2	0.2
2520	9:20:15	0.007	0.013	0.1	0.2	0.2
2580	9:21:15	0.008	0.014	0.1	0.1	0.2

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
2640	9:22:15	0.018	0.014	0.1	0.1	0.2
2700	9:23:15	0.012	0.014	0.1	0.1	0.2
2760	9:24:15	0.008	0.014	0.2	0.5	0.2
2820	9:25:15	0.007	0.015	0.4	0.7	0.2
2880	9:26:15	0.007	0.015	0.2	0.3	0.2
2940	9:27:15	0.007	0.015	0.1	0.2	0.2
3000	9:28:15	0.042	0.016	0.2	0.3	0.2
3060	9:29:15	0.016	0.014	0.2	0.3	0.2
3120	9:30:15	0.008	0.014	0.2	0.3	0.2
3180	9:31:15	0.011	0.015	0.2	0.3	0.2
3240	9:32:15	0.014	0.015	0.3	0.4	0.2
3300	9:33:15	0.02	0.015	0.2	0.3	0.2
3360	9:34:15	0.016	0.014	0.2	0.4	0.2
3420	9:35:15	0.014	0.014	0.2	0.3	0.2
3480	9:36:15	0.013	0.014	0.2	0.3	0.2
3540	9:37:15	0.012	0.013	0.3	0.4	0.2
3600	9:38:15	0.02	0.013	0.2	0.2	0.2
3660	9:39:15	0.011	0.012	0.2	0.3	0.2
3720	9:40:15	0.015	0.012	0.3	0.4	0.2
3780	9:41:15	0.013	0.012	0.3	0.3	0.2
3840	9:42:15	0.01	0.012	0.3	0.5	0.2
3900	9:43:15	0.022	0.012	0.3	0.4	0.2
3960	9:44:15	0.018	0.011	0.2	0.3	0.2
4020	9:45:15	0.013	0.010	0.2	0.2	0.2
4080	9:46:15	0.017	0.011	0.2	0.2	0.2
4140	9:47:15	0.014	0.010	0.2	0.2	0.3
4200	9:48:15	0.008	0.010	0.2	0.2	0.3
4260	9:49:15	0.008	0.011	0.2	0.2	0.3
4320	9:50:15	0.01	0.012	0.2	0.2	0.3
4380	9:51:15	0.009	0.012	0.3	0.4	0.3
4440	9:52:15	0.009	0.013	0.2	0.3	0.3
4500	9:53:15	0.008	0.014	0.2	0.2	0.3
4560	9:54:15	0.01	0.014	0.2	0.2	0.3
4620	9:55:15	0.01	0.015	0.3	0.4	0.3
4680	9:56:15	0.01	0.016	0.3	0.4	0.3
4740	9:57:15	0.008	0.016	0.3	0.4	0.3
4800	9:58:15	0.01	0.016	0.3	0.5	0.4
4860	9:59:15	0.013	0.016	0.3	0.3	0.4
4920	10:00:15	0.015	0.016	0.3	0.4	0.4
4980	10:01:15	0.014	0.017	0.3	0.4	0.4
5040	10:02:15	0.014	0.017	0.4	0.4	0.5
5100	10:03:15	0.013	0.017	0.4	0.5	0.5
5160	10:04:15	0.023	0.018	0.3	0.4	0.5
5220	10:05:15	0.018	0.018	0.4	0.5	0.5
5280	10:06:15	0.022	0.017	0.5	0.5	0.5
5340	10:07:15	0.017	0.017	0.4	0.5	0.5
5400	10:08:15	0.014	0.016	0.2	0.4	0.5
5460	10:09:15	0.02	0.016	0.2	0.3	0.5
5520	10:10:15	0.025	0.016	0.2	0.3	0.5
5580	10:11:15	0.013	0.015	0.4	0.7	0.5
5640	10:12:15	0.008	0.015	0.7	1.0	0.5
5700	10:13:15	0.012	0.016	0.8	0.8	0.5
5760	10:14:15	0.011	0.015	0.7	0.8	0.5
5820	10:15:15	0.024	0.016	0.7	1.3	0.5
5880	10:16:15	0.021	0.016	0.7	1.1	0.5

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
5940	10:17:15	0.021	0.015	0.6	0.7	0.5
6000	10:18:15	0.016	0.015	0.5	0.6	0.5
6060	10:19:15	0.022	0.014	0.4	0.5	0.5
6120	10:20:15	0.012	0.013	0.5	0.8	0.4
6180	10:21:15	0.013	0.013	0.4	0.6	0.4
6240	10:22:15	0.013	0.013	0.4	0.5	0.5
6300	10:23:15	0.01	0.013	0.4	0.7	0.5
6360	10:24:15	0.019	0.013	0.3	0.4	0.5
6420	10:25:15	0.016	0.012	0.4	0.5	0.5
6480	10:26:15	0.013	0.012	0.7	1.1	0.5
6540	10:27:15	0.01	0.012	0.7	0.8	0.5
6600	10:28:15	0.01	0.012	0.5	0.6	0.5
6660	10:29:15	0.017	0.012	0.4	0.6	0.5
6720	10:30:15	0.023	0.012	0.4	0.6	0.5
6780	10:31:15	0.012	0.011	0.3	0.4	0.5
6840	10:32:15	0.012	0.012	0.5	0.6	0.5
6900	10:33:15	0.012	0.012	0.5	0.8	0.5
6960	10:34:15	0.009	0.012	0.3	0.6	0.5
7020	10:35:15	0.009	0.012	0.5	0.6	0.6
7080	10:36:15	0.01	0.012	0.7	1.0	0.6
7140	10:37:15	0.009	0.012	0.5	0.7	0.6
7200	10:38:15	0.01	0.013	0.4	0.5	0.6
7260	10:39:15	0.011	0.013	0.5	0.9	0.6
7320	10:40:15	0.014	0.013	0.4	0.7	0.6
7380	10:41:15	0.007	0.013	0.6	1.0	0.6
7440	10:42:15	0.013	0.014	1.0	1.7	0.6
7500	10:43:15	0.015	0.014	0.7	0.9	0.6
7560	10:44:15	0.01	0.014	0.5	0.6	0.6
7620	10:45:15	0.019	0.014	0.4	0.4	0.6
7680	10:46:15	0.02	0.014	0.5	0.6	0.6
7740	10:47:15	0.01	0.014	0.5	1.0	0.6
7800	10:48:15	0.008	0.014	0.5	0.7	0.6
7860	10:49:15	0.008	0.015	0.8	1.1	0.6
7920	10:50:15	0.011	0.015	0.9	1.0	0.6
7980	10:51:15	0.013	0.015	0.5	0.6	0.6
8040	10:52:15	0.022	0.015	0.5	0.5	0.6
8100	10:53:15	0.019	0.016	0.5	0.7	0.6
8160	10:54:15	0.012	0.016	0.5	0.6	0.6
8220	10:55:15	0.011	0.016	0.5	0.7	0.6
8280	10:56:15	0.014	0.016	0.6	0.8	0.7
8340	10:57:15	0.013	0.016	0.6	0.7	0.7
8400	10:58:15	0.015	0.016	0.5	0.5	0.8
8460	10:59:15	0.017	0.016	0.6	0.9	0.9
8520	11:00:15	0.016	0.017	0.4	0.5	1.0
8580	11:01:15	0.016	0.017	0.5	1.4	1.0
8640	11:02:15	0.019	0.017	0.9	1.6	1.1
8700	11:03:15	0.014	0.017	0.6	0.9	1.1
8760	11:04:15	0.009	0.018	0.9	1.3	1.2
8820	11:05:15	0.017	0.018	0.5	0.7	1.3
8880	11:06:15	0.017	0.020	0.5	0.6	1.4
8940	11:07:15	0.032	0.021	1.2	1.4	1.5
9000	11:08:15	0.011	0.021	0.7	1.2	1.5
9060	11:09:15	0.012	0.022	0.5	0.8	1.5
9120	11:10:15	0.02	0.022	1.2	2.7	1.6
9180	11:11:15	0.013	0.023	1.2	2.1	1.5

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9240	11:12:15	0.012	0.023	1.5	2.3	1.5
9300	11:13:15	0.011	0.023	1.9	3.4	1.5
9360	11:14:15	0.04	0.024	1.9	3.1	1.4
9420	11:15:15	0.015	0.023	1.0	1.3	1.3
9480	11:16:15	0.014	0.024	1.7	2.4	1.4
9540	11:17:15	0.023	0.024	1.5	2.4	1.4
9600	11:18:15	0.017	0.025	1.7	1.9	1.3
9660	11:19:15	0.023	0.025	2.3	4.1	1.3
9720	11:20:15	0.041	0.025	2.3	3.1	1.2
9780	11:21:15	0.032	0.024	1.8	2.2	1.1
9840	11:22:15	0.024	0.022	1.6	2.0	1.0
9900	11:23:15	0.032	0.022	1.1	1.5	0.9
9960	11:24:15	0.015	0.020	0.9	1.3	0.9
10020	11:25:15	0.026	0.020	0.8	1.3	0.9
10080	11:26:15	0.023	0.019	0.7	1.1	1.0
10140	11:27:15	0.015	0.019	0.7	1.3	1.0
10200	11:28:15	0.027	0.018	1.0	1.8	1.0
10260	11:29:15	0.022	0.018	1.0	1.9	1.0
10320	11:30:15	0.025	0.017	1.6	2.9	1.0
10380	11:31:15	0.014	0.016	1.3	2.1	0.9
10440	11:32:15	0.032	0.016	0.9	1.2	0.9
10500	11:33:15	0.024	0.015	0.8	0.9	0.9
10560	11:34:15	0.023	0.014	0.9	1.5	0.9
10620	11:35:15	0.02	0.013	0.9	1.3	0.9
10680	11:36:15	0.012	0.013	0.8	1.1	0.9
10740	11:37:15	0.016	0.013	0.8	0.8	0.9
10800	11:38:15	0.012	0.012	0.8	1.1	0.8
10860	11:39:15	0.015	0.012	1.0	1.7	0.8
10920	11:40:15	0.012	0.011	1.3	1.7	0.8
10980	11:41:15	0.01	0.011	0.8	1.0	0.8
11040	11:42:15	0.011	0.011	0.5	0.6	0.8
11100	11:43:15	0.02	0.011	0.9	1.2	0.8
11160	11:44:15	0.013	0.010	1.4	1.8	0.7
11220	11:45:15	0.008	0.010	0.9	1.4	0.7
11280	11:46:15	0.011	0.010	0.8	1.1	0.7
11340	11:47:15	0.015	0.010	1.1	2.6	0.7
11400	11:48:15	0.015	0.009	0.6	0.8	0.6
11460	11:49:15	0.008	0.009	0.6	0.8	0.6
11520	11:50:15	0.014	0.009	0.7	0.8	0.7
11580	11:51:15	0.008	0.008	0.6	0.7	0.7
11640	11:52:15	0.009	0.008	0.7	0.8	0.7
11700	11:53:15	0.009	0.008	0.5	0.6	0.7
11760	11:54:15	0.009	0.008	0.6	0.7	0.7
11820	11:55:15	0.009	0.008	0.7	0.9	0.7
11880	11:56:15	0.008	0.008	0.7	0.9	0.7
11940	11:57:15	0.008	0.008	0.7	0.8	0.7
12000	11:58:15	0.008	0.009	0.6	0.7	0.7
12060	11:59:15	0.008	0.009	0.6	0.8	0.7
12120	12:00:15	0.008	0.009	0.6	0.8	0.7
12180	12:01:15	0.008	0.009	0.7	1.2	0.8
12240	12:02:15	0.008	0.009	0.6	0.8	0.7
12300	12:03:15	0.009	0.009	0.7	1.0	0.8
12360	12:04:15	0.008	0.009	0.9	1.7	0.7
12420	12:05:15	0.008	0.009	0.7	1.1	0.7
12480	12:06:15	0.009	0.009	0.6	0.8	0.7

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12540	12:07:15	0.009	0.009	0.6	0.6	0.7
12600	12:08:15	0.008	0.009	0.6	0.7	0.7
12660	12:09:15	0.01	0.009	0.7	0.9	0.7
12720	12:10:15	0.009	0.009	0.6	0.8	0.7
12780	12:11:15	0.009	0.009	0.6	1.2	0.7
12840	12:12:15	0.009	0.009	2.1	3.0	0.7
12900	12:13:15	0.009	0.009	0.6	1.0	0.6
12960	12:14:15	0.011	0.009	0.5	0.7	0.5
13020	12:15:15	0.014	0.008	0.8	0.9	0.6
13080	12:16:15	0.012	0.008	0.6	0.7	0.6
13140	12:17:15	0.008	0.007	0.7	0.8	0.6
13200	12:18:15	0.008	0.007	0.5	0.7	0.6
13260	12:19:15	0.008	0.009	0.7	1.1	0.7
13320	12:20:15	0.008	0.009	0.6	0.6	0.6
13380	12:21:15	0.008	0.009	0.4	0.6	0.6
13440	12:22:15	0.008	0.009	0.4	0.6	0.7
13500	12:23:15	0.007	0.009	0.5	0.6	0.7
13560	12:24:15	0.007	0.009	0.8	1.1	0.7
13620	12:25:15	0.007	0.011	0.5	0.8	0.7
13680	12:26:15	0.007	0.012	0.4	0.5	0.7
13740	12:27:15	0.007	0.012	0.4	0.4	0.7
13800	12:28:15	0.008	0.012	0.4	0.5	0.7
13860	12:29:15	0.007	0.012	1.2	2.7	0.7
13920	12:30:15	0.006	0.012	1.0	1.7	0.7
13980	12:31:15	0.007	0.013	0.7	1.1	0.7
14040	12:32:15	0.007	0.015	1.0	2.2	0.7
14100	12:33:15	0.028	0.015	0.9	1.1	0.7
14160	12:34:15	0.013	0.014	0.5	0.5	0.7
14220	12:35:15	0.009	0.014	0.5	1.0	0.7
14280	12:36:15	0.013	0.016	0.7	0.9	0.7
14340	12:37:15	0.008	0.018	0.7	0.9	0.7
14400	12:38:15	0.007	0.018	0.5	0.7	0.7
14460	12:39:15	0.026	0.018	0.4	0.5	0.7
14520	12:40:15	0.021	0.017	0.6	0.7	0.7
14580	12:41:15	0.008	0.016	0.7	0.8	0.7
14640	12:42:15	0.007	0.016	1.0	1.5	0.7
14700	12:43:15	0.006	0.017	0.8	1.3	0.6
14760	12:44:15	0.014	0.017	0.5	0.6	0.6
14820	12:45:15	0.025	0.017	0.5	0.7	0.6
14880	12:46:15	0.027	0.016	0.7	0.8	0.6
14940	12:47:15	0.011	0.014	1.3	2.1	0.6
15000	12:48:15	0.009	0.014	1.2	1.5	0.5
15060	12:49:15	0.013	0.014	0.6	0.9	0.4
15120	12:50:15	0.043	0.014	0.5	0.6	0.4
15180	12:51:15	0.039	0.013	0.5	0.8	0.4
15240	12:52:15	0.015	0.010	0.5	0.7	0.4
15300	12:53:15	0.008	0.010	0.4	0.5	0.5
15360	12:54:15	0.007	0.010	0.4	0.5	0.5
15420	12:55:15	0.013	0.010	0.5	0.6	0.6
15480	12:56:15	0.009	0.014	0.4	0.5	0.6
15540	12:57:15	0.009	0.017	0.4	0.5	0.6
15600	12:58:15	0.013	0.018	0.3	0.4	0.6
15660	12:59:15	0.011	0.018	0.5	1.0	0.6
15720	13:00:15	0.008	0.019	0.4	0.4	0.7
15780	13:01:15	0.008	0.019	0.5	1.0	0.7

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15840	13:02:15	0.01	0.020	0.4	0.4	0.7
15900	13:03:15	0.009	0.020	0.4	0.5	0.7
15960	13:04:15	0.01	0.022	0.4	0.4	0.8
16020	13:05:15	0.019	0.022	0.4	0.5	0.8
16080	13:06:15	0.007	0.023	0.8	2.0	0.8
16140	13:07:15	0.008	0.026	1.3	2.4	0.8
16200	13:08:15	0.007	0.028	1.0	1.5	0.7
16260	13:09:15	0.012	0.029	0.8	0.9	0.7
16320	13:10:15	0.064	0.029	1.0	1.3	0.7
16380	13:11:15	0.054	0.026	0.5	0.8	0.7
16440	13:12:15	0.027	0.023	0.5	0.6	0.7
16500	13:13:15	0.022	0.022	0.7	1.0	0.7
16560	13:14:15	0.02	0.021	0.8	1.5	0.7
16620	13:15:15	0.012	0.020	0.8	1.3	0.7
16680	13:16:15	0.018	0.021	0.7	1.1	0.6
16740	13:17:15	0.017	0.020	1.1	1.6	0.6
16800	13:18:15	0.03	0.020	1.1	1.3	0.6
16860	13:19:15	0.015	0.020	0.7	0.9	0.6
16920	13:20:15	0.031	0.020	0.5	0.5	0.6
16980	13:21:15	0.059	0.018	0.5	0.9	0.6
17040	13:22:15	0.039	0.016	0.5	0.5	0.6
17100	13:23:15	0.013	0.015	0.5	0.7	0.6
17160	13:24:15	0.015	0.014	0.4	0.5	0.6
17220	13:25:15	0.011	0.014	0.5	0.6	0.6
17280	13:26:15	0.011	0.014	0.6	0.9	0.6
17340	13:27:15	0.01	0.014	0.6	0.8	0.6
17400	13:28:15	0.01	0.014	0.6	0.8	0.6
17460	13:29:15	0.014	0.015	0.7	0.8	0.7
17520	13:30:15	0.015	0.015	0.7	0.8	0.7
17580	13:31:15	0.013	0.015	0.7	0.8	0.6
17640	13:32:15	0.017	0.016	0.8	1.1	0.6
17700	13:33:15	0.022	0.016	1.0	1.4	0.6
17760	13:34:15	0.013	0.015	0.6	0.8	0.6
17820	13:35:15	0.014	0.016	0.6	0.7	0.6
17880	13:36:15	0.028	0.015	0.5	0.6	0.6
17940	13:37:15	0.014	0.014	0.4	0.5	0.6
18000	13:38:15	0.01	0.014	0.5	0.5	0.6
18060	13:39:15	0.014	0.014	0.6	0.7	0.6
18120	13:40:15	0.009	0.014	0.7	0.8	0.7

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
18180	13:41:15	0.01	0.015	0.6	0.8	0.7
18240	13:42:15	0.013	0.016	0.6	0.6	0.7
18300	13:43:15	0.018	0.016	0.9	1.0	0.8
18360	13:44:15	0.019	0.017	0.6	0.9	0.8
18420	13:45:15	0.015	0.019	0.5	0.8	0.8
18480	13:46:15	0.023	0.019	0.5	0.7	0.8
18540	13:47:15	0.022	0.018	0.4	0.4	0.8
18600	13:48:15	0.009	0.019	0.5	0.6	0.9
18660	13:49:15	0.016	0.019	0.6	0.7	0.9
18720	13:50:15	0.007	0.019	0.5	0.8	0.9
18780	13:51:15	0.008	0.020	0.9	1.4	0.8
18840	13:52:15	0.011	0.020	0.8	0.9	0.8
18900	13:53:15	0.016	0.020	0.7	1.0	0.9
18960	13:54:15	0.016	0.019	1.0	1.7	1.1
19020	13:55:15	0.024	0.018	1.7	2.4	1.1
19080	13:56:15	0.018	0.018	1.0	1.2	1.1
19140	13:57:15	0.015	0.020	0.8	1.0	1.1
19200	13:58:15	0.04	0.020	0.8	0.9	1.3
19260	13:59:15	0.04	0.018	0.8	1.0	1.3
19320	14:00:15	0.014	0.019	1.0	1.1	1.3
19380	14:01:15	0.007	0.031	0.9	1.3	1.3
19440	14:02:15	0.04	0.040	0.9	1.2	1.4
19500	14:03:15	0.017	0.039	0.5	0.6	1.4
19560	14:04:15	0.011	0.039	0.5	0.5	1.4
19620	14:05:15	0.023	0.042	0.4	0.5	1.5
19680	14:06:15	0.007	0.043	0.8	1.0	1.5
19740	14:07:15	0.006	0.045	1.9	5.0	1.6
19800	14:08:15	0.006	0.047	3.1	5.0	1.5
19860	14:09:15	0.009	0.049	1.5	1.8	1.4
19920	14:10:15	0.012	0.051	1.6	3.1	1.4
19980	14:11:15	0.05	0.052	1.7	2.4	1.3
20040	14:12:15	0.015	0.051	3.1	4.2	1.2
20100	14:13:15	0.011	0.054	1.3	3.1	1.1
20160	14:14:15	0.057	0.054	0.8	1.2	1.0
20220	14:15:15	0.187	0.052	1.1	2.1	1.0
20280	14:16:15	0.148	0.040	1.3	1.6	1.0
20340	14:17:15	0.027	0.031	1.0	1.6	1.0
20400	14:18:15	0.014	0.031	1.5	2.2	1.0
20460	14:19:15	0.055	0.030	1.5	2.0	0.9
20520	14:20:15	0.042	0.029	1.0	1.5	0.9
20580	14:21:15	0.032	0.028	1.3	1.6	0.9
20640	14:22:15	0.044	0.028	1.0	1.1	0.8
20700	14:23:15	0.033	0.026	1.2	1.7	0.8
20760	14:24:15	0.033	0.025	0.9	1.5	0.8
20820	14:25:15	0.036	0.024	1.0	1.9	0.8
20880	14:26:15	0.03	0.022	0.7	0.8	0.7
20940	14:27:15	0.055	0.021	0.7	0.9	0.7
21000	14:28:15	0.016	0.019	0.7	1.3	0.7
21060	14:29:15	0.022	0.019	0.6	0.7	0.8
21120	14:30:15	0.012	0.019	0.6	0.6	0.8
21180	14:31:15	0.021	0.019	1.0	1.7	0.9
21240	14:32:15	0.013	0.018	0.8	1.4	0.8
21300	14:33:15	0.011	0.018	PID turned off before Dustrak		
21360	14:34:15	0.029	0.019			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/26/19 6:27 AM						
60	6:27:19	0.034	0.018	0.2	0.3	0.3
120	6:28:19	0.017	0.017	0.3	0.6	0.3
180	6:29:19	0.017	0.017	0.4	0.6	0.3
240	6:30:19	0.018	0.017	0.5	0.6	0.3
300	6:31:19	0.017	0.017	0.4	0.8	0.3
360	6:32:19	0.017	0.017	0.4	0.6	0.3
420	6:33:19	0.022	0.017	0.3	0.5	0.3
480	6:34:19	0.016	0.017	0.3	0.5	0.3
540	6:35:19	0.016	0.017	0.4	0.8	0.3
600	6:36:19	0.016	0.036	0.3	0.7	0.3
660	6:37:19	0.014	0.063	0.2	0.2	0.3
720	6:38:19	0.014	0.072	0.2	0.7	0.3
780	6:39:19	0.015	0.075	0.3	0.6	0.3
840	6:40:19	0.016	0.077	0.3	0.7	0.3
900	6:41:19	0.015	0.077	0.2	0.4	0.3
960	6:42:19	0.018	0.078	0.4	0.8	0.3
1020	6:43:19	0.023	0.078	0.3	0.6	0.3
1080	6:44:19	0.017	0.078	0.3	0.6	0.3
1140	6:45:19	0.016	0.078	0.2	0.4	0.3
1200	6:46:19	0.016	0.078	0.2	0.5	0.3
1260	6:47:19	0.02	0.078	0.3	0.5	0.3
1320	6:48:19	0.017	0.078	0.4	0.5	0.3
1380	6:49:19	0.016	0.078	0.2	0.3	0.3
1440	6:50:19	0.305	0.079	0.3	0.5	0.3
1500	6:51:19	0.422	0.063	0.9	2.2	0.3
1560	6:52:19	0.145	0.039	0.5	1.1	0.3
1620	6:53:19	0.071	0.033	0.3	0.5	0.3
1680	6:54:19	0.035	0.031	0.2	0.5	0.3
1740	6:55:19	0.025	0.031	0.2	0.3	0.3
1800	6:56:19	0.027	0.031	0.3	0.4	0.3
1860	6:57:19	0.017	0.030	0.3	0.4	0.3
1920	6:58:19	0.017	0.031	0.2	0.3	0.3
1980	6:59:19	0.016	0.032	0.2	0.4	0.4
2040	7:00:19	0.021	0.033	0.4	0.6	0.4
2100	7:01:19	0.016	0.034	0.2	0.3	0.4
2160	7:02:19	0.018	0.035	0.2	0.2	0.4
2220	7:03:19	0.019	0.038	0.2	0.4	0.4
2280	7:04:19	0.027	0.039	0.3	0.5	0.4
2340	7:05:19	0.064	0.040	0.3	0.3	0.5
2400	7:06:19	0.074	0.040	0.7	1.3	0.5
2460	7:07:19	0.055	0.037	0.5	0.9	0.5
2520	7:08:19	0.031	0.038	0.5	0.8	0.5
2580	7:09:19	0.033	0.040	0.4	0.7	0.5
2640	7:10:19	0.027	0.049	0.3	0.5	0.5
2700	7:11:19	0.021	0.052	0.3	0.4	0.6
2760	7:12:19	0.028	0.060	0.4	0.6	0.6
2820	7:13:19	0.028	0.067	0.4	0.6	0.7
2880	7:14:19	0.033	0.074	0.5	1.1	0.7
2940	7:15:19	0.033	0.081	0.4	0.6	0.8
3000	7:16:19	0.031	0.092	0.5	1.0	0.8
3060	7:17:19	0.064	0.105	0.6	1.2	0.9
3120	7:18:19	0.042	0.110	0.6	0.8	0.9
3180	7:19:19	0.043	0.117	0.5	0.8	1.0
3240	7:20:19	0.06	0.126	0.8	1.4	1.1

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:21:19	0.031	0.129	0.4	0.6	1.1
3360	7:22:19	0.058	0.140	0.8	1.4	1.1
3420	7:23:19	0.074	0.147	0.6	1.8	1.2
3480	7:24:19	0.155	0.154	1.1	1.3	1.2
3540	7:25:19	0.083	0.155	0.5	0.8	1.2
3600	7:26:19	0.144	0.160	1.2	1.7	1.3
3660	7:27:19	0.119	0.164	1.0	1.6	1.3
3720	7:28:19	0.137	0.167	1.1	1.6	1.4
3780	7:29:19	0.145	0.166	1.2	1.8	1.4
3840	7:30:19	0.194	0.166	1.3	1.8	1.4
3900	7:31:19	0.228	0.164	1.6	2.0	1.4
3960	7:32:19	0.138	0.159	1.2	2.1	1.4
4020	7:33:19	0.149	0.166	1.6	1.9	1.4
4080	7:34:19	0.173	0.170	1.5	1.9	1.3
4140	7:35:19	0.102	0.170	1.0	1.4	1.3
4200	7:36:19	0.205	0.170	1.4	2.0	1.3
4260	7:37:19	0.161	0.164	1.2	1.7	1.3
4320	7:38:19	0.184	0.161	1.4	2.0	1.2
4380	7:39:19	0.158	0.158	1.2	1.8	1.2
4440	7:40:19	0.17	0.156	1.7	2.2	1.2
4500	7:41:19	0.192	0.151	1.8	2.3	1.1
4560	7:42:19	0.163	0.151	1.5	2.1	1.1
4620	7:43:19	0.132	0.154	1.2	1.9	1.1
4680	7:44:19	0.148	0.161	1.4	2.0	1.1
4740	7:45:19	0.157	0.162	1.4	1.8	1.1
4800	7:46:19	0.15	0.159	1.1	1.6	1.1
4860	7:47:19	0.248	0.157	1.2	1.6	1.1
4920	7:48:19	0.212	0.150	1.1	1.5	1.0
4980	7:49:19	0.163	0.144	1.1	1.6	1.0
5040	7:50:19	0.111	0.141	1.0	1.3	1.0
5100	7:51:19	0.112	0.140	0.7	1.2	1.0
5160	7:52:19	0.12	0.141	0.7	1.0	1.1
5220	7:53:19	0.131	0.139	1.0	1.4	1.1
5280	7:54:19	0.13	0.139	1.0	1.4	1.1
5340	7:55:19	0.099	0.140	0.9	1.4	1.1
5400	7:56:19	0.182	0.144	1.4	1.8	1.1
5460	7:57:19	0.21	0.128	1.3	1.7	1.0
5520	7:58:19	0.236	0.119	1.3	1.6	1.0
5580	7:59:19	0.162	0.109	1.1	1.4	0.9
5640	8:00:19	0.119	0.102	1.0	1.6	0.9
5700	8:01:19	0.127	0.100	1.0	1.5	0.9
5760	8:02:19	0.143	0.096	1.0	1.3	0.9
5820	8:03:19	0.11	0.088	0.9	1.5	0.9
5880	8:04:19	0.129	0.086	1.2	1.7	0.8
5940	8:05:19	0.095	0.082	0.9	1.8	0.8
6000	8:06:19	0.123	0.085	1.2	2.0	0.8
6060	8:07:19	0.087	0.084	0.7	1.1	0.7

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/26/2019 restarted 08:10 AM						
60	8:10:15	0.087	0.081	0.9	1.5	0.7
120	8:11:15	0.1	0.078	0.8	1.1	0.7
180	8:12:15	0.061	0.075	0.7	0.9	0.7
240	8:13:15	0.086	0.080	0.9	1.2	0.7
300	8:14:15	0.096	0.080	0.9	1.6	0.7
360	8:15:15	0.066	0.076	0.6	0.9	0.7
420	8:16:15	0.086	0.074	0.7	1.1	0.7
480	8:17:15	0.069	0.070	0.7	1.1	0.7
540	8:18:15	0.036	0.072	0.5	0.8	0.7
600	8:19:15	0.086	0.078	0.8	1.1	0.7
660	8:20:15	0.076	0.076	0.5	1.0	0.7
720	8:21:15	0.131	0.072	1.0	2.0	0.7
780	8:22:15	0.11	0.065	1.0	1.6	0.7
840	8:23:15	0.074	0.059	0.7	0.9	0.6
900	8:24:15	0.045	0.059	0.5	0.7	0.6
960	8:25:15	0.054	0.060	0.6	0.8	0.6
1020	8:26:15	0.045	0.060	0.6	1.2	0.6
1080	8:27:15	0.134	0.063	1.0	1.9	0.7
1140	8:28:15	0.099	0.061	0.8	1.4	0.7
1200	8:29:15	0.024	0.062	0.5	0.7	0.7
1260	8:30:15	0.036	0.069	0.5	0.8	0.7
1320	8:31:15	0.036	0.073	0.5	0.9	0.8
1380	8:32:15	0.093	0.079	1.0	1.9	0.9
1440	8:33:15	0.123	0.079	0.8	1.0	0.9
1500	8:34:15	0.056	0.081	0.5	0.8	0.9
1560	8:35:15	0.019	0.087	0.4	0.7	1.0
1620	8:36:15	0.03	0.096	0.5	0.9	1.1
1680	8:37:15	0.018	0.115	0.4	0.5	1.2
1740	8:38:15	0.077	0.135	0.8	1.7	1.4
1800	8:39:15	0.057	0.148	0.6	1.2	1.5
1860	8:40:15	0.059	0.163	0.6	0.9	1.6
1920	8:41:15	0.08	0.176	0.9	1.3	1.8
1980	8:42:15	0.114	0.179	1.2	2.0	1.8
2040	8:43:15	0.113	0.179	1.3	1.7	1.8
2100	8:44:15	0.118	0.179	1.1	1.7	1.8
2160	8:45:15	0.105	0.177	1.3	1.9	1.8
2220	8:46:15	0.128	0.185	1.4	2.1	1.8
2280	8:47:15	0.095	0.188	1.2	2.3	1.9
2340	8:48:15	0.15	0.199	1.3	2.2	2.0
2400	8:49:15	0.142	0.199	2.0	2.6	2.0
2460	8:50:15	0.155	0.195	1.7	2.5	1.9
2520	8:51:15	0.313	0.199	2.9	3.5	2.0
2580	8:52:15	0.315	0.195	2.6	3.4	1.9
2640	8:53:15	0.277	0.191	2.1	2.9	1.9
2700	8:54:15	0.288	0.185	3.0	3.7	2.0
2760	8:55:15	0.25	0.179	2.3	3.5	1.9
2820	8:56:15	0.125	0.170	1.5	2.5	1.9
2880	8:57:15	0.114	0.170	1.2	1.8	1.9
2940	8:58:15	0.111	0.175	0.8	1.1	2.0
3000	8:59:15	0.081	0.179	1.4	2.8	2.1
3060	9:00:15	0.228	0.181	2.3	2.7	2.2
3120	9:01:15	0.18	0.174	2.1	3.2	2.2
3180	9:02:15	0.262	0.167	2.3	3.2	2.1
3240	9:03:15	0.14	0.156	1.5	2.1	2.1

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	9:04:15	0.093	0.154	1.1	1.9	2.1
3360	9:05:15	0.203	0.154	2.2	2.9	2.1
3420	9:06:15	0.262	0.147	2.5	3.3	2.1
3480	9:07:15	0.254	0.136	2.6	3.4	2.1
3540	9:08:15	0.188	0.125	2.6	3.1	2.0
3600	9:09:15	0.188	0.120	2.1	3.0	2.0
3660	9:10:15	0.117	0.112	1.9	2.5	2.0
3720	9:11:15	0.128	0.109	2.4	3.1	2.0
3780	9:12:15	0.19	0.104	2.6	3.0	1.9
3840	9:13:15	0.169	0.095	2.4	3.0	1.9
3900	9:14:15	0.108	0.088	2.0	2.7	1.8
3960	9:15:15	0.127	0.084	2.0	2.7	1.8
4020	9:16:15	0.083	0.079	1.7	2.4	1.8
4080	9:17:15	0.087	0.077	1.4	1.9	1.7
4140	9:18:15	0.108	0.074	1.9	2.2	1.7
4200	9:19:15	0.103	0.069	1.7	2.2	1.7
4260	9:20:15	0.093	0.064	2.0	2.4	1.6
4320	9:21:15	0.095	0.061	2.0	2.3	1.6
4380	9:22:15	0.098	0.058	1.8	2.1	1.5
4440	9:23:15	0.105	0.054	2.2	2.4	1.5
4500	9:24:15	0.074	0.050	1.7	2.2	1.5
4560	9:25:15	0.06	0.048	1.8	2.2	1.4
4620	9:26:15	0.065	0.059	1.8	2.2	1.4
4680	9:27:15	0.055	0.057	1.5	2.0	1.3
4740	9:28:15	0.055	0.055	1.7	1.9	1.3
4800	9:29:15	0.057	0.052	1.7	2.0	1.2
4860	9:30:15	0.052	0.049	1.7	2.0	1.1
4920	9:31:15	0.047	0.047	1.3	1.8	1.0
4980	9:32:15	0.047	0.045	1.3	1.8	1.0
5040	9:33:15	0.029	0.045	0.7	1.1	1.0
5100	9:34:15	0.032	0.045	0.7	1.3	1.0
5160	9:35:15	0.042	0.046	1.4	1.9	1.1
5220	9:36:15	0.051	0.046	1.6	1.9	1.1
5280	9:37:15	0.043	0.045	1.4	1.9	1.1
5340	9:38:15	0.04	0.046	1.5	1.8	1.1
5400	9:39:15	0.042	0.045	1.5	1.8	1.0
5460	9:40:15	0.223	0.044	0.8	1.2	1.0
5520	9:41:15	0.035	0.033	0.8	1.4	1.0
5580	9:42:15	0.024	0.036	0.7	1.1	1.0
5640	9:43:15	0.013	0.042	0.4	0.5	1.1
5700	9:44:15	0.013	0.047	0.6	1.1	1.1
5760	9:45:15	0.024	0.050	0.8	1.1	1.2
5820	9:46:15	0.016	0.054	0.7	1.1	1.2
5880	9:47:15	0.041	0.058	1.0	1.4	1.3
5940	9:48:15	0.036	0.056	1.3	1.6	1.2
6000	9:49:15	0.043	0.056	1.6	1.8	1.2
6060	9:50:15	0.039	0.060	1.5	1.8	1.2
6120	9:51:15	0.046	0.064	1.7	2.0	1.2
6180	9:52:15	0.052	0.072	1.2	1.7	1.2
6240	9:53:15	0.033	0.079	0.6	1.1	1.3
6300	9:54:15	0.026	0.082	0.6	1.0	1.3
6360	9:55:15	0.051	0.082	1.0	1.6	1.3
6420	9:56:15	0.08	0.080	1.1	1.7	1.3
6480	9:57:15	0.116	0.076	1.8	2.1	1.2
6540	9:58:15	0.084	0.071	1.6	2.1	1.2

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	9:59:15	0.06	0.068	1.1	1.8	1.1
6660	10:00:15	0.087	0.070	1.8	2.1	1.1
6720	10:01:15	0.069	0.074	1.3	2.3	1.1
6780	10:02:15	0.012	0.073	0.5	0.6	1.1
6840	10:03:15	0.045	0.078	1.0	1.9	1.1
6900	10:04:15	0.094	0.085	1.5	1.8	1.1
6960	10:05:15	0.098	0.086	0.9	1.6	1.1
7020	10:06:15	0.17	0.083	1.9	2.4	1.1
7080	10:07:15	0.153	0.076	2.1	2.4	1.0
7140	10:08:15	0.084	0.068	1.0	2.3	0.9
7200	10:09:15	0.029	0.064	0.7	0.8	0.9
7260	10:10:15	0.025	0.063	0.6	0.6	0.9
7320	10:11:15	0.016	0.062	0.5	0.8	0.9
7380	10:12:15	0.041	0.063	0.9	1.2	0.9
7440	10:13:15	0.033	0.062	0.5	1.1	0.8
7500	10:14:15	0.09	0.063	1.4	1.8	0.9
7560	10:15:15	0.158	0.058	1.5	2.0	0.8
7620	10:16:15	0.047	0.049	0.8	1.7	0.7
7680	10:17:15	0.084	0.048	1.0	1.7	0.7
7740	10:18:15	0.154	0.049	1.6	1.8	0.8
7800	10:19:15	0.107	0.053	0.9	1.3	0.8
7860	10:20:15	0.06	0.057	0.9	1.5	0.8
7920	10:21:15	0.062	0.060	1.0	1.6	0.8
7980	10:22:15	0.034	0.063	0.6	1.0	0.9
8040	10:23:15	0.018	0.073	0.5	0.6	1.0
8100	10:24:15	0.018	0.083	0.4	0.5	1.1
8160	10:25:15	0.014	0.085	0.5	0.6	1.1
8220	10:26:15	0.023	0.086	0.6	0.9	1.1
8280	10:27:15	0.024	0.088	0.5	0.6	1.1
8340	10:28:15	0.054	0.095	0.6	1.1	1.1
8400	10:29:15	0.015	0.100	0.5	0.5	1.2
8460	10:30:15	0.018	0.106	0.5	0.6	1.3
8520	10:31:15	0.034	0.106	0.7	1.0	1.3
8580	10:32:15	0.099	0.105	1.6	2.1	1.3
8640	10:33:15	0.212	0.103	1.9	2.4	1.2
8700	10:34:15	0.172	0.090	1.5	2.0	1.1
8760	10:35:15	0.107	0.080	1.1	1.8	1.0
8820	10:36:15	0.109	0.073	1.5	2.4	1.0
8880	10:37:15	0.177	0.067	2.2	2.7	0.9
8940	10:38:15	0.171	0.057	1.8	2.4	0.8
9000	10:39:15	0.042	0.051	0.6	1.1	0.7
9060	10:40:15	0.03	0.057	0.6	0.8	0.8
9120	10:41:15	0.058	0.066	0.6	1.1	0.9
9180	10:42:15	0.126	0.076	1.4	1.8	1.0
9240	10:43:15	0.134	0.069	1.6	2.3	0.9
9300	10:44:15	0.1	0.061	1.2	2.2	0.9
9360	10:45:15	0.026	0.055	0.6	0.8	0.8
9420	10:46:15	0.018	0.053	0.6	1.0	0.8
9480	10:47:15	0.068	0.053	0.9	1.9	0.8
9540	10:48:15	0.017	0.049	0.5	0.6	0.7
9600	10:49:15	0.012	0.050	0.5	0.5	0.7
9660	10:50:15	0.011	0.050	0.4	0.5	0.7
9720	10:51:15	0.016	0.052	0.4	0.5	0.8
9780	10:52:15	0.032	0.052	0.6	1.3	0.8
9840	10:53:15	0.076	0.051	0.7	1.0	0.8

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	10:54:15	0.134	0.047	1.7	2.5	0.7
9960	10:55:15	0.161	0.041	1.8	2.6	0.7
10020	10:56:15	0.203	0.031	1.9	2.9	0.6
10080	10:57:15	0.023	0.020	0.6	0.8	0.5
10140	10:58:15	0.011	0.020	0.5	0.5	0.5
10200	10:59:15	0.01	0.021	0.4	0.5	0.5
10260	11:00:15	0.01	0.024	0.4	0.4	0.5
10320	11:01:15	0.014	0.041	0.4	0.4	0.6
10380	11:02:15	0.01	0.060	0.4	0.4	0.7
10440	11:03:15	0.022	0.071	0.5	0.6	0.8
10500	11:04:15	0.014	0.088	0.4	0.6	0.9
10560	11:05:15	0.044	0.094	0.8	1.2	0.9
10620	11:06:15	0.014	0.091	0.5	0.5	0.9
10680	11:07:15	0.016	0.102	0.4	0.5	1.0
10740	11:08:15	0.016	0.107	0.5	1.0	1.0
10800	11:09:15	0.041	0.114	0.5	0.7	1.1
10860	11:10:15	0.01	0.116	0.4	0.4	1.1
10920	11:11:15	0.048	0.118	0.7	1.0	1.1
10980	11:12:15	0.023	0.116	0.5	0.6	1.1
11040	11:13:15	0.016	0.116	0.5	0.6	1.1
11100	11:14:15	0.063	0.116	0.6	1.1	1.1
11160	11:15:15	0.259	0.131	1.8	3.4	1.2
11220	11:16:15	0.309	0.127	2.6	3.4	1.2
11280	11:17:15	0.17	0.107	1.7	2.2	1.0
11340	11:18:15	0.28	0.105	1.9	3.1	1.0
11400	11:19:15	0.094	0.111	0.8	1.8	1.0
11460	11:20:15	0.012	0.125	0.5	0.8	1.1
11520	11:21:15	0.177	0.136	1.4	2.3	1.2
11580	11:22:15	0.081	0.138	0.9	1.1	1.2
11640	11:23:15	0.121	0.156	1.4	2.0	1.3
11700	11:24:15	0.084	0.171	1.0	1.4	1.4
11760	11:25:15	0.035	0.182	0.6	0.7	1.5
11820	11:26:15	0.013	0.198	0.5	0.5	1.7
11880	11:27:15	0.022	0.210	0.5	0.6	1.8
11940	11:28:15	0.015	0.213	0.5	1.3	1.8
12000	11:29:15	0.291	0.219	2.1	2.5	1.8
12060	11:30:15	0.195	0.212	1.0	2.5	1.8
12120	11:31:15	0.02	0.209	0.5	1.0	1.9
12180	11:32:15	0.131	0.216	1.0	1.8	1.9
12240	11:33:15	0.372	0.211	2.8	3.5	1.9
12300	11:34:15	0.312	0.195	2.0	3.3	1.9
12360	11:35:15	0.171	0.182	1.6	2.6	1.9
12420	11:36:15	0.212	0.174	1.8	2.6	1.8
12480	11:37:15	0.35	0.161	2.9	3.4	1.7
12540	11:38:15	0.336	0.139	2.7	3.1	1.6
12600	11:39:15	0.25	0.119	2.3	3.3	1.4
12660	11:40:15	0.279	0.105	2.7	3.0	1.3
12720	11:41:15	0.188	0.087	1.9	2.4	1.2
12780	11:42:15	0.077	0.078	0.9	1.2	1.1
12840	11:43:15	0.099	0.076	1.1	1.7	1.1
12900	11:44:15	0.188	0.071	1.9	2.5	1.1
12960	11:45:15	0.151	0.059	1.9	2.6	1.0
13020	11:46:15	0.126	0.050	1.4	2.3	0.9
13080	11:47:15	0.056	0.042	1.2	2.3	0.9
13140	11:48:15	0.133	0.043	1.7	2.3	0.9

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	11:49:15	0.118	0.039	1.9	2.3	0.9
13260	11:50:15	0.049	0.036	0.9	1.5	0.9
13320	11:51:15	0.013	0.037	0.6	0.9	0.9
13380	11:52:15	0.025	0.038	0.6	0.9	0.9
13440	11:53:15	0.028	0.038	0.7	1.3	1.0
13500	11:54:15	0.046	0.038	0.8	1.5	1.0
13560	11:55:15	0.013	0.035	0.5	0.6	0.9
13620	11:56:15	0.05	0.035	1.1	1.9	0.9
13680	11:57:15	0.041	0.033	0.9	1.4	0.9
13740	11:58:15	0.03	0.031	0.6	0.9	0.9
13800	11:59:15	0.01	0.030	0.5	0.5	0.9
13860	12:00:15	0.01	0.030	0.4	0.5	0.9
13920	12:01:15	0.009	0.030	0.5	0.9	0.9
13980	12:02:15	0.069	0.031	1.4	1.9	0.9
14040	12:03:15	0.072	0.028	1.7	1.9	0.9
14100	12:04:15	0.08	0.024	1.9	2.1	0.8
14160	12:05:15	0.055	0.020	1.6	2.0	0.8
14220	12:06:15	0.032	0.019	1.0	1.5	0.7
14280	12:07:15	0.032	0.018	0.9	1.5	0.7
14340	12:08:15	0.016	0.017	0.6	0.9	0.7
14400	12:09:15	0.011	0.017	0.5	0.6	0.7
14460	12:10:15	0.011	0.017	0.5	0.5	0.8
14520	12:11:15	0.011	0.017	0.5	0.6	0.8
14580	12:12:15	0.013	0.017	0.6	0.8	0.8
14640	12:13:15	0.02	0.017	0.7	1.1	0.8
14700	12:14:15	0.011	0.017	0.5	0.6	0.8
14760	12:15:15	0.01	0.018	0.5	0.6	0.8
14820	12:16:15	0.027	0.018	1.0	1.3	0.8
14880	12:17:15	0.017	0.017	0.7	1.0	0.8
14940	12:18:15	0.015	0.017	0.7	1.1	0.8
15000	12:19:15	0.026	0.017	1.0	1.3	0.8
15060	12:20:15	0.026	0.017	1.0	1.2	0.8
15120	12:21:15	0.02	0.017	1.0	1.1	0.8
15180	12:22:15	0.018	0.017	0.9	1.1	0.8
15240	12:23:15	0.014	0.017	0.9	1.1	0.8
15300	12:24:15	0.017	0.018	1.0	1.2	0.8
15360	12:25:15	0.016	0.017	0.9	1.0	0.7
15420	12:26:15	0.012	0.017	0.6	0.9	0.7
15480	12:27:15	0.012	0.018	0.6	0.9	0.7
15540	12:28:15	0.02	0.018	1.0	1.2	0.7
15600	12:29:15	0.016	0.019	0.7	1.2	0.7
15660	12:30:15	0.01	0.019	0.5	0.5	0.7
15720	12:31:15	0.02	0.020	0.8	1.1	0.7
15780	12:32:15	0.02	0.020	0.9	1.1	0.7
15840	12:33:15	0.013	0.021	0.6	0.9	0.7
15900	12:34:15	0.023	0.021	0.9	1.2	0.7
15960	12:35:15	0.021	0.020	0.9	1.1	0.7
16020	12:36:15	0.029	0.019	0.7	1.0	0.6
16080	12:37:15	0.019	0.018	0.9	1.2	0.6
16140	12:38:15	0.015	0.017	0.6	1.0	0.6
16200	12:39:15	0.014	0.019	0.6	0.8	0.6
16260	12:40:15	0.01	0.019	0.5	0.6	0.6
16320	12:41:15	0.031	0.019	0.8	1.1	0.6
16380	12:42:15	0.016	0.019	0.6	0.8	0.5
16440	12:43:15	0.029	0.019	0.8	1.0	0.5

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	12:44:15	0.021	0.019	0.7	1.0	0.5
16560	12:45:15	0.013	0.018	0.5	0.6	0.5
16620	12:46:15	0.033	0.018	0.8	1.2	0.5
16680	12:47:15	0.023	0.018	0.6	1.0	0.5
16740	12:48:15	0.011	0.018	0.5	0.5	0.4
16800	12:49:15	0.011	0.019	0.4	0.5	0.4
16860	12:50:15	0.009	0.021	0.4	0.4	0.5
16920	12:51:15	0.013	0.024	0.4	0.5	0.5
16980	12:52:15	0.012	0.025	0.5	0.8	0.5
17040	12:53:15	0.039	0.025	0.5	0.6	0.5
17100	12:54:15	0.016	0.027	0.5	0.5	0.5
17160	12:55:15	0.013	0.036	0.4	0.5	0.5
17220	12:56:15	0.022	0.050	0.4	0.4	0.6
17280	12:57:15	0.018	0.056	0.4	0.5	0.6
17340	12:58:15	0.025	0.065	0.5	0.5	0.7
17400	12:59:15	0.018	0.067	0.5	0.5	0.7
17460	13:00:15	0.011	0.067	0.4	0.7	0.7
17520	13:01:15	0.026	0.074	0.5	0.6	0.7
17580	13:02:15	0.021	0.074	0.4	0.5	0.7
17640	13:03:15	0.027	0.073	0.5	0.7	0.8
17700	13:04:15	0.046	0.073	0.6	1.1	0.8
17760	13:05:15	0.059	0.072	0.7	1.2	0.8
17820	13:06:15	0.023	0.071	0.4	0.6	0.8
17880	13:07:15	0.014	0.071	0.4	0.4	0.9
17940	13:08:15	0.07	0.073	0.8	1.1	1.0
18000	13:09:15	0.151	0.074	0.9	1.2	1.0
18060	13:10:15	0.221	0.070	1.4	1.9	1.1
18120	13:11:15	0.105	0.057	1.0	1.8	0.9
18180	13:12:15	0.162	0.051	0.8	1.7	0.8
18240	13:13:15	0.045	0.043	Data unable to be recovered from the PID.		
18300	13:14:15	0.018	0.042			
18360	13:15:15	0.121	0.048			
18420	13:16:15	0.031	0.042			
18480	13:17:15	0.009	0.043			
18540	13:18:15	0.019	0.045			
18600	13:19:15	0.036	0.046			
18660	13:20:15	0.036	0.045			
18720	13:21:15	0.023	0.044			
18780	13:22:15	0.045	0.045			
18840	13:23:15	0.092	0.044			
18900	13:24:15	0.091	0.041			
18960	13:25:15	0.019	0.037			
19020	13:26:15	0.014	0.038			
19080	13:27:15	0.041	0.039			
19140	13:28:15	0.029	0.037			
19200	13:29:15	0.113	0.036			
19260	13:30:15	0.035	0.030			
19320	13:31:15	0.037	0.029			
19380	13:32:15	0.043	0.028			
19440	13:33:15	0.032	0.027			
19500	13:34:15	0.028	0.026			
19560	13:35:15	0.021	0.026			
19620	13:36:15	0.03	0.026			
19680	13:37:15	0.038	0.026			
19740	13:38:15	0.04	0.025			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	13:39:15	0.035	0.024			
19860	13:40:15	0.029	0.023			
19920	13:41:15	0.029	0.023			
19980	13:42:15	0.019	0.022			
20040	13:43:15	0.016	0.023			
20100	13:44:15	0.018	0.024			
20160	13:45:15	0.016	0.025			
20220	13:46:15	0.024	0.026			
20280	13:47:15	0.023	0.026			
20340	13:48:15	0.021	0.026			
20400	13:49:15	0.03	0.026			
20460	13:50:15	0.026	0.026			
20520	13:51:15	0.021	0.026			
20580	13:52:15	0.028	0.026			
20640	13:53:15	0.024	0.025			
20700	13:54:15	0.025	0.025			
20760	13:55:15	0.019	0.028			
20820	13:56:15	0.024	0.029			
20880	13:57:15	0.036	0.029			
20940	13:58:15	0.028	0.029			
21000	13:59:15	0.03	0.029			
21060	14:00:15	0.029	0.030			
21120	14:01:15	0.025	0.031			
21180	14:02:15	0.025	0.031			
21240	14:03:15	0.022	0.030			
21300	14:04:15	0.024	0.030			
21360	14:05:15	0.024	0.029			
21420	14:06:15	0.023	0.030			
21480	14:07:15	0.021	0.030			
21540	14:08:15	0.024	0.030			
21600	14:09:15	0.065	0.029			
21660	14:10:15	0.032	0.026			
21720	14:11:15	0.032	0.025			
21780	14:12:15	0.035	0.025			
21840	14:13:15	0.031	0.024			
21900	14:14:15	0.037	0.024			
21960	14:15:15	0.049	0.024			
22020	14:16:15	0.018	0.022			
22080	14:17:15	0.016	0.022			
22140	14:18:15	0.017	0.021			
22200	14:19:15	0.016	0.021			
22260	14:20:15	0.033	0.021			
22320	14:21:15	0.025	0.020			
22380	14:22:15	0.016	0.019			
22440	14:23:15	0.019	0.020			
22500	14:24:15	0.014	0.019			
22560	14:25:15	0.018	0.019			
22620	14:26:15	0.027	0.019			
22680	14:27:15	0.025	0.018			
22740	14:28:15	0.031	0.018			
22800	14:29:15	0.032	0.017			
22860	14:30:15	0.018	0.016			
22920	14:31:15	0.016	0.016			
22980	14:32:15	0.015	0.016			
23040	14:33:15	0.015	0.016			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	14:34:15	0.014	0.016			
23160	14:35:15	0.016	0.016			
23220	14:36:15	0.016	0.016			
23280	14:37:15	0.017	0.017			
23340	14:38:15	0.015	0.017			
23400	14:39:15	0.015	0.018			
23460	14:40:15	0.014	0.018			
23520	14:41:15	0.016	0.018			
23580	14:42:15	0.015	0.018			
23640	14:43:15	0.015	0.019			
23700	14:44:15	0.017	0.019			
23760	14:45:15	0.017	0.019			
23820	14:46:15	0.016	0.019			
23880	14:47:15	0.017	0.020			
23940	14:48:15	0.016	0.020			
24000	14:49:15	0.017	0.020			
24060	14:50:15	0.02	0.021			
24120	14:51:15	0.023	0.021			
24180	14:52:15	0.018	0.021			
24240	14:53:15	0.027	0.021			
24300	14:54:15	0.018	0.022			
24360	14:55:15	0.016	0.022			
24420	14:56:15	0.019	0.023			
24480	14:57:15	0.027	0.023			
24540	14:58:15	0.015	0.022			
24600	14:59:15	0.017	0.023			
24660	15:00:15	0.023	0.024			
24720	15:01:15	0.023	0.024			
24780	15:02:15	0.023	0.024			
24840	15:03:15	0.02	0.024			
24900	15:04:15	0.021	0.025			
24960	15:05:15	0.025	0.026			
25020	15:06:15	0.019	0.027			
25080	15:07:15	0.018	0.031			
25140	15:08:15	0.043	0.043			

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/27/19 6:17 AM						
60	6:17:55	0.025	0.046	0.2	0.2	0.2
120	6:18:55	0.022	0.046	0.2	0.2	0.2
180	6:19:55	0.025	0.045	0.2	0.2	0.2
240	6:20:55	0.024	0.045	0.2	0.2	0.2
300	6:21:55	0.031	0.044	0.2	0.2	0.2
360	6:22:55	0.046	0.044	0.2	0.2	0.1
420	6:23:55	0.037	0.043	0.1	0.2	0.1
480	6:24:55	0.057	0.043	0.1	0.1	0.1
540	6:25:55	0.076	0.041	0.1	0.2	0.1
600	6:26:55	0.074	0.038	0.1	0.2	0.2
660	6:27:55	0.068	0.034	0.1	0.2	0.2
720	6:28:55	0.088	0.032	0.2	0.2	0.2
780	6:29:55	0.068	0.027	0.1	0.2	0.2
840	6:30:55	0.027	0.024	0.2	0.2	0.2
900	6:31:55	0.02	0.024	0.2	0.2	0.2
960	6:32:55	0.02	0.024	0.2	0.4	0.2
1020	6:33:55	0.017	0.026	0.2	0.2	0.2
1080	6:34:55	0.017	0.027	0.2	0.2	0.3
1140	6:35:55	0.017	0.027	0.1	0.1	0.3
1200	6:36:55	0.022	0.029	0.1	0.1	0.4
1260	6:37:55	0.043	0.029	0.1	0.2	0.4
1320	6:38:55	0.031	0.029	0.2	0.3	0.5
1380	6:39:55	0.026	0.029	0.1	0.2	0.6
1440	6:40:55	0.027	0.033	0.2	0.3	0.6
1500	6:41:55	0.023	0.035	0.2	0.3	0.7
1560	6:42:55	0.027	0.037	0.2	0.3	0.8
1620	6:43:55	0.025	0.040	0.2	0.3	0.9
1680	6:44:55	0.02	0.043	0.1	0.2	1.1
1740	6:45:55	0.025	0.049	0.3	0.7	1.2
1800	6:46:55	0.024	0.053	0.4	0.6	1.3
1860	6:47:55	0.045	0.056	0.9	2.4	1.4
1920	6:48:55	0.03	0.058	0.9	1.7	1.5
1980	6:49:55	0.025	0.059	0.6	0.7	1.5
2040	6:50:55	0.036	0.060	0.9	1.8	1.5
2100	6:51:55	0.025	0.060	0.9	1.5	1.4
2160	6:52:55	0.039	0.060	1.5	2.3	1.4
2220	6:53:55	0.035	0.061	1.0	2.0	1.3
2280	6:54:55	0.092	0.063	1.3	2.5	1.3
2340	6:55:55	0.057	0.062	1.4	2.5	1.3
2400	6:56:55	0.049	0.067	1.2	2.0	1.3
2460	6:57:55	0.079	0.079	2.6	5.5	1.6
2520	6:58:55	0.07	0.089	2.6	3.7	1.8
2580	6:59:55	0.109	0.093	2.0	3.0	1.9
2640	7:00:55	0.084	0.094	2.0	3.2	2.1
2700	7:01:55	0.063	0.095	1.6	2.5	2.1
2760	7:02:55	0.074	0.096	1.4	2.2	2.1
2820	7:03:55	0.046	0.101	1.0	1.5	2.2
2880	7:04:55	0.036	0.104	0.6	0.7	2.5
2940	7:05:55	0.037	0.108	0.5	0.7	2.7
3000	7:06:55	0.036	0.112	0.5	0.7	2.8
3060	7:07:55	0.045	0.118	0.5	0.6	2.9
3120	7:08:55	0.061	0.123	0.6	0.8	3.1
3180	7:09:55	0.091	0.125	0.8	0.9	3.1
3240	7:10:55	0.119	0.127	1.2	1.7	3.2

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:11:55	0.24	0.126	6.0	14.3	3.3
3360	7:12:55	0.217	0.114	5.2	7.5	3.0
3420	7:13:55	0.144	0.103	5.2	8.5	2.7
3480	7:14:55	0.124	0.097	3.8	5.7	2.5
3540	7:15:55	0.097	0.095	2.5	3.4	2.3
3600	7:16:55	0.067	0.098	1.6	1.8	2.3
3660	7:17:55	0.153	0.107	3.3	10.1	2.3
3720	7:18:55	0.088	0.102	4.5	7.7	2.2
3780	7:19:55	0.107	0.100	4.3	6.2	2.0
3840	7:20:55	0.096	0.097	2.5	3.1	1.7
3900	7:21:55	0.117	0.093	2.1	2.7	1.6
3960	7:22:55	0.122	0.089	2.4	3.1	1.6
4020	7:23:55	0.096	0.084	1.6	2.0	1.5
4080	7:24:55	0.116	0.080	2.1	3.6	1.4
4140	7:25:55	0.109	0.075	1.9	2.4	1.3
4200	7:26:55	0.056	0.070	1.7	2.3	1.2
4260	7:27:55	0.058	0.068	1.3	1.5	1.2
4320	7:28:55	0.054	0.066	1.2	1.6	1.1
4380	7:29:55	0.087	0.065	1.5	2.2	1.1
4440	7:30:55	0.145	0.060	1.8	2.4	1.0
4500	7:31:55	0.205	0.052	2.6	5.1	0.9
4560	7:32:55	0.075	0.040	1.4	2.2	0.8
4620	7:33:55	0.062	0.038	1.1	1.4	0.7
4680	7:34:55	0.056	0.037	1.0	1.1	0.7
4740	7:35:55	0.042	0.036	0.9	1.1	0.6
4800	7:36:55	0.049	0.037	0.9	1.1	0.6
4860	7:37:55	0.049	0.037	1.0	1.2	0.6
4920	7:38:55	0.035	0.038	0.7	0.9	0.6
4980	7:39:55	0.041	0.040	0.8	1.0	0.6
5040	7:40:55	0.037	0.041	0.7	0.8	0.6
5100	7:41:55	0.03	0.043	0.6	0.7	0.6
5160	7:42:55	0.03	0.047	0.5	0.7	0.7
5220	7:43:55	0.031	0.050	0.6	0.7	0.7
5280	7:44:55	0.02	0.051	0.4	0.6	0.8
5340	7:45:55	0.023	0.052	0.4	0.6	0.8
5400	7:46:55	0.025	0.053	0.3	0.5	0.8
5460	7:47:55	0.037	0.055	0.6	0.8	0.8
5520	7:48:55	0.044	0.053	0.7	0.9	0.8
5580	7:49:55	0.045	0.051	0.6	0.8	0.8
5640	7:50:55	0.052	0.049	0.6	0.8	0.8
5700	7:51:55	0.061	0.047	0.9	1.1	0.8
5760	7:52:55	0.06	0.044	0.8	1.0	0.7
5820	7:53:55	0.058	0.043	0.9	1.0	0.7
5880	7:54:55	0.058	0.043	0.9	1.1	0.7
5940	7:55:55	0.074	0.043	0.9	1.1	0.7
6000	7:56:55	0.082	0.042	1.1	1.8	0.7
6060	7:57:55	0.074	0.039	1.5	1.9	0.7
6120	7:58:55	0.051	0.036	1.0	1.3	0.6
6180	7:59:55	0.039	0.033	0.7	0.9	0.6
6240	8:00:55	0.041	0.031	0.7	0.8	0.5
6300	8:01:55	0.043	0.031	0.7	0.9	0.5
6360	8:02:55	0.017	0.030	0.4	0.6	0.5
6420	8:03:55	0.016	0.031	0.3	0.4	0.5
6480	8:04:55	0.016	0.032	0.3	0.4	0.5
6540	8:05:55	0.015	0.033	0.3	0.3	0.5

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:06:55	0.022	0.034	0.3	0.5	0.5
6660	8:07:55	0.041	0.036	0.5	0.9	0.5
6720	8:08:55	0.051	0.040	0.8	0.9	0.6
6780	8:09:55	0.06	0.042	1.0	1.3	0.6
6840	8:10:55	0.063	0.041	1.0	1.1	0.6
6900	8:11:55	0.038	0.039	0.7	1.1	0.5
6960	8:12:55	0.02	0.041	0.5	0.7	0.6
7020	8:13:55	0.014	0.041	0.3	0.3	0.6
7080	8:14:55	0.015	0.042	0.3	0.3	0.6
7140	8:15:55	0.03	0.042	0.3	0.4	0.6
7200	8:16:55	0.031	0.041	0.5	0.6	0.6
7260	8:17:55	0.026	0.040	0.4	0.4	0.6
7320	8:18:55	0.039	0.039	0.4	0.4	0.6
7380	8:19:55	0.029	0.037	0.4	0.4	0.5
7440	8:20:55	0.034	0.037	0.5	0.7	0.5
7500	8:21:55	0.051	0.035	0.5	0.9	0.5
7560	8:22:55	0.105	0.033	1.0	1.0	0.5
7620	8:23:55	0.076	0.028	1.0	1.4	0.5
7680	8:24:55	0.038	0.026	0.6	0.9	0.4
7740	8:25:55	0.035	0.025	0.5	0.7	0.5
7800	8:26:55	0.075	0.026	1.2	2.6	0.5
7860	8:27:55	0.024	0.024	0.6	1.2	0.4
7920	8:28:55	0.021	0.024	0.4	0.5	0.4
7980	8:29:55	0.015	0.023	0.3	0.5	0.4
8040	8:30:55	0.016	0.023	0.3	0.3	0.4
8100	8:31:55	0.015	0.023	0.3	0.3	0.4
8160	8:32:55	0.014	0.023	0.3	0.3	0.4
8220	8:33:55	0.014	0.026	0.3	0.3	0.4
8280	8:34:55	0.015	0.028	0.3	0.3	0.5
8340	8:35:55	0.016	0.033	0.3	0.4	0.5
8400	8:36:55	0.019	0.034	0.3	0.4	0.5
8460	8:37:55	0.027	0.034	0.4	0.5	0.5
8520	8:38:55	0.044	0.033	0.6	0.8	0.5
8580	8:39:55	0.029	0.034	0.7	1.1	0.5
8640	8:40:55	0.05	0.035	0.6	1.0	0.5
8700	8:41:55	0.035	0.034	0.7	1.4	0.5
8760	8:42:55	0.023	0.034	0.5	0.7	0.5
8820	8:43:55	0.018	0.034	0.4	0.5	0.6
8880	8:44:55	0.014	0.034	0.3	0.4	0.6
8940	8:45:55	0.014	0.034	0.3	0.3	0.6
9000	8:46:55	0.015	0.035	0.3	0.3	0.6
9060	8:47:55	0.051	0.036	0.6	1.0	0.6
9120	8:48:55	0.045	0.033	0.6	0.8	0.6
9180	8:49:55	0.088	0.031	0.8	1.0	0.5
9240	8:50:55	0.037	0.026	0.5	0.9	0.5
9300	8:51:55	0.017	0.025	0.4	0.5	0.5
9360	8:52:55	0.014	0.025	0.3	0.3	0.5
9420	8:53:55	0.057	0.025	0.7	1.0	0.5
9480	8:54:55	0.047	0.023	0.9	1.2	0.5
9540	8:55:55	0.033	0.021	0.8	1.0	0.5
9600	8:56:55	0.04	0.021	0.7	0.9	0.4
9660	8:57:55	0.026	0.019	0.8	1.0	0.4
9720	8:58:55	0.015	0.018	0.5	0.8	0.4
9780	8:59:55	0.016	0.018	0.4	0.4	0.4
9840	9:00:55	0.031	0.019	0.4	0.8	0.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	9:01:55	0.016	0.021	0.3	0.4	0.4
9960	9:02:55	0.014	0.022	0.3	0.3	0.4
10020	9:03:55	0.019	0.031	0.3	0.3	0.5
10080	9:04:55	0.014	0.034	0.3	0.3	0.5
10140	9:05:55	0.015	0.038	0.3	0.4	0.5
10200	9:06:55	0.016	0.046	0.3	0.3	0.6
10260	9:07:55	0.021	0.046	0.4	0.4	0.7
10320	9:08:55	0.024	0.046	0.5	0.7	0.7
10380	9:09:55	0.018	0.045	0.5	0.7	0.7
10440	9:10:55	0.023	0.048	0.5	0.6	0.7
10500	9:11:55	0.013	0.049	0.4	0.4	0.8
10560	9:12:55	0.014	0.050	0.3	0.3	0.8
10620	9:13:55	0.015	0.052	0.3	0.3	0.9
10680	9:14:55	0.032	0.053	0.5	0.9	0.9
10740	9:15:55	0.057	0.053	0.6	0.8	1.0
10800	9:16:55	0.039	0.050	0.6	0.9	1.0
10860	9:17:55	0.143	0.049	1.0	1.3	1.1
10920	9:18:55	0.061	0.040	0.8	1.4	1.0
10980	9:19:55	0.082	0.039	1.0	1.3	1.0
11040	9:20:55	0.126	0.036	1.8	2.2	1.1
11100	9:21:55	0.027	0.028	0.9	1.4	1.0
11160	9:22:55	0.012	0.028	0.5	0.7	1.0
11220	9:23:55	0.019	0.029	0.4	0.6	1.0
11280	9:24:55	0.055	0.035	1.0	1.4	1.1
11340	9:25:55	0.043	0.037	1.3	1.7	1.1
11400	9:26:55	0.021	0.037	1.1	1.9	1.1
11460	9:27:55	0.045	0.040	1.0	1.6	1.3
11520	9:28:55	0.031	0.046	1.4	1.9	1.4
11580	9:29:55	0.03	0.050	1.7	2.4	1.6
11640	9:30:55	0.018	0.060	1.2	2.0	1.8
11700	9:31:55	0.015	0.070	0.7	1.0	2.0
11760	9:32:55	0.021	0.075	0.5	0.7	2.1
11820	9:33:55	0.047	0.083	1.0	1.3	2.3
11880	9:34:55	0.026	0.083	1.3	1.9	2.3
11940	9:35:55	0.017	0.086	1.1	1.3	2.4
12000	9:36:55	0.017	0.093	0.7	1.1	2.4
12060	9:37:55	0.037	0.101	0.5	0.6	2.5
12120	9:38:55	0.105	0.107	1.5	2.1	2.7
12180	9:39:55	0.083	0.103	2.1	3.5	2.7
12240	9:40:55	0.04	0.099	1.1	2.7	2.6
12300	9:41:55	0.061	0.101	3.0	5.4	2.7
12360	9:42:55	0.138	0.100	3.9	5.5	2.5
12420	9:43:55	0.099	0.092	3.3	4.6	2.3
12480	9:44:55	0.174	0.087	4.7	7.3	2.1
12540	9:45:55	0.176	0.078	4.1	7.0	1.9
12600	9:46:55	0.084	0.067	2.6	4.0	1.6
12660	9:47:55	0.136	0.063	3.5	5.3	1.5
12720	9:48:55	0.059	0.055	1.8	3.2	1.3
12780	9:49:55	0.065	0.053	1.6	2.4	1.2
12840	9:50:55	0.126	0.051	1.9	3.0	1.1
12900	9:51:55	0.132	0.045	2.6	4.3	1.1
12960	9:52:55	0.134	0.038	3.4	4.5	0.9
13020	9:53:55	0.033	0.032	1.3	1.9	0.8
13080	9:54:55	0.032	0.032	0.9	1.7	0.7
13140	9:55:55	0.064	0.031	1.3	3.1	0.7

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	9:56:55	0.045	0.029	1.0	2.3	0.7
13260	9:57:55	0.023	0.028	0.6	0.8	0.7
13320	9:58:55	0.021	0.030	0.7	1.1	0.9
13380	9:59:55	0.038	0.029	0.7	1.2	0.9
13440	10:00:55	0.02	0.033	0.5	0.7	1.1
13500	10:01:55	0.019	0.036	0.6	0.7	1.3
13560	10:02:55	0.016	0.036	0.4	0.5	1.4
13620	10:03:55	0.025	0.037	0.4	0.7	1.4
13680	10:04:55	0.034	0.038	0.5	0.7	1.6
13740	10:05:55	0.043	0.038	1.2	1.8	1.6
13800	10:06:55	0.02	0.043	0.5	0.8	1.8
13860	10:07:55	0.04	0.047	0.8	1.7	2.1
13920	10:08:55	0.035	0.046	0.7	1.2	2.2
13980	10:09:55	0.028	0.052	0.8	1.1	2.3
14040	10:10:55	0.03	0.067	1.0	2.6	2.6
14100	10:11:55	0.029	0.070	1.4	2.5	2.9
14160	10:12:55	0.045	0.070	2.7	6.2	3.0
14220	10:13:55	0.019	0.082	0.9	1.9	3.3
14280	10:14:55	0.091	0.099	3.9	8.1	3.7
14340	10:15:55	0.059	0.101	3.1	6.3	3.9
14400	10:16:55	0.031	0.101	2.0	3.0	4.0
14460	10:17:55	0.027	0.104	1.1	2.1	4.0
14520	10:18:55	0.035	0.105	2.8	3.7	4.1
14580	10:19:55	0.042	0.108	1.4	3.2	4.1
14640	10:20:55	0.112	0.106	4.4	6.3	4.0
14700	10:21:55	0.088	0.100	3.9	5.9	3.8
14760	10:22:55	0.016	0.099	2.2	6.0	3.6
14820	10:23:55	0.123	0.109	2.8	6.5	3.5
14880	10:24:55	0.253	0.109	5.4	13.0	3.5
14940	10:25:55	0.079	0.100	4.9	8.8	3.3
15000	10:26:55	0.025	0.096	2.9	5.3	3.0
15060	10:27:55	0.237	0.098	7.5	16.1	2.9
15120	10:28:55	0.27	0.083	7.9	9.9	2.4
15180	10:29:55	0.112	0.075	6.7	9.1	2.0
15240	10:30:55	0.071	0.080	3.8	5.6	1.9
15300	10:31:55	0.064	0.085	2.9	4.3	1.9
15360	10:32:55	0.043	0.087	2.2	5.0	2.0
15420	10:33:55	0.083	0.092	1.9	4.0	2.2
15480	10:34:55	0.013	0.090	0.8	1.5	2.3
15540	10:35:55	0.019	0.093	0.5	0.7	2.5
15600	10:36:55	0.077	0.097	1.3	1.6	2.7
15660	10:37:55	0.17	0.095	1.6	3.3	2.9
15720	10:38:55	0.112	0.088	1.8	2.7	3.0
15780	10:39:55	0.123	0.085	2.1	4.1	3.1
15840	10:40:55	0.019	0.085	0.8	1.1	3.5
15900	10:41:55	0.053	0.090	1.1	1.5	3.8
15960	10:42:55	0.015	0.091	0.8	1.3	3.9
16020	10:43:55	0.145	0.093	1.9	4.4	4.0
16080	10:44:55	0.197	0.092	5.0	7.7	4.0
16140	10:45:55	0.148	0.081	4.5	5.4	3.8
16200	10:46:55	0.082	0.083	4.2	5.6	3.8
16260	10:47:55	0.121	0.089	4.3	10.5	3.8
16320	10:48:55	0.059	0.087	3.6	10.0	3.6
16380	10:49:55	0.054	0.085	3.5	5.5	3.5
16440	10:50:55	0.074	0.087	3.8	5.1	3.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	10:51:55	0.057	0.087	4.1	5.9	3.3
16560	10:52:55	0.068	0.087	3.0	4.2	3.1
16620	10:53:55	0.062	0.098	4.4	8.4	3.1
16680	10:54:55	0.122	0.109	8.0	13.2	3.0
16740	10:55:55	0.099	0.114	4.6	6.6	2.9
16800	10:56:55	0.069	0.109	3.0	3.8	2.7
16860	10:57:55	0.034	0.113	1.8	2.6	2.6
16920	10:58:55	0.131	0.117	2.9	5.7	2.7
16980	10:59:55	0.035	0.115	1.9	2.4	2.7
17040	11:00:55	0.174	0.114	3.2	7.2	2.6
17100	11:01:55	0.176	0.103	4.8	7.7	2.5
17160	11:02:55	0.095	0.093	2.1	3.1	2.2
17220	11:03:55	0.032	0.087	1.8	2.6	2.1
17280	11:04:55	0.082	0.089	1.1	2.2	2.1
17340	11:05:55	0.066	0.086	3.2	5.2	2.2
17400	11:06:55	0.056	0.084	1.1	1.8	2.2
17460	11:07:55	0.24	0.082	2.8	11.3	2.2
17520	11:08:55	0.227	0.075	3.2	8.8	2.3
17580	11:09:55	0.189	0.065	5.3	7.3	2.3
17640	11:10:55	0.03	0.054	1.6	3.0	2.0
17700	11:11:55	0.121	0.056	2.4	4.2	2.1
17760	11:12:55	0.099	0.052	3.0	4.5	2.1
17820	11:13:55	0.107	0.049	2.6	4.4	2.1
17880	11:14:55	0.016	0.044	1.4	3.3	2.1
17940	11:15:55	0.012	0.046	0.7	0.9	2.1
18000	11:16:55	0.017	0.050	0.6	1.0	2.2
18060	11:17:55	0.018	0.051	1.1	1.6	2.4
18120	11:18:55	0.051	0.051	1.2	3.0	2.3
18180	11:19:55	0.04	0.049	2.7	4.0	2.3
18240	11:20:55	0.034	0.048	3.0	4.0	2.2
18300	11:21:55	0.03	0.048	1.5	3.3	2.1
18360	11:22:55	0.131	0.048	4.0	5.1	2.0
18420	11:23:55	0.075	0.041	3.3	5.2	1.8
18480	11:24:55	0.024	0.038	1.6	2.2	1.7
18540	11:25:55	0.071	0.038	2.1	3.2	1.6
18600	11:26:55	0.06	0.034	3.1	5.1	1.5
18660	11:27:55	0.056	0.031	3.3	4.3	1.4
18720	11:28:55	0.022	0.028	1.6	2.6	1.2
18780	11:29:55	0.049	0.028	1.6	3.6	1.1
18840	11:30:55	0.065	0.025	3.0	3.7	1.1
18900	11:31:55	0.04	0.022	2.3	2.9	0.9
18960	11:32:55	0.017	0.020	0.8	1.4	0.8
19020	11:33:55	0.02	0.020	0.7	0.9	0.8
19080	11:34:55	0.033	0.020	1.2	1.9	0.8
19140	11:35:55	0.024	0.019	1.1	1.6	0.7
19200	11:36:55	0.036	0.018	0.9	1.2	0.7
19260	11:37:55	0.023	0.016	1.0	1.4	0.7
19320	11:38:55	0.023	0.016	0.9	1.0	0.6
19380	11:39:55	0.028	0.016	0.9	1.3	0.6
19440	11:40:55	0.019	0.016	0.8	1.2	0.6
19500	11:41:55	0.014	0.016	0.6	0.6	0.6
19560	11:42:55	0.012	0.016	0.6	0.8	0.6
19620	11:43:55	0.011	0.016	0.5	0.7	0.6
19680	11:44:55	0.013	0.017	0.5	0.6	0.6
19740	11:45:55	0.019	0.017	0.7	0.9	0.6

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	11:46:55	0.012	0.016	0.6	0.9	0.6
19860	11:47:55	0.017	0.016	0.6	0.8	0.6
19920	11:48:55	0.015	0.016	0.5	0.7	0.6
19980	11:49:55	0.013	0.015	0.6	0.7	0.6
20040	11:50:55	0.012	0.015	0.6	0.7	0.5
20100	11:51:55	0.013	0.015	0.5	0.7	0.5
20160	11:52:55	0.026	0.015	0.7	1.4	0.5
20220	11:53:55	0.02	0.015	0.5	0.9	0.5
20280	11:54:55	0.031	0.015	1.0	1.4	0.6
20340	11:55:55	0.016	0.014	0.5	0.8	0.6
20400	11:56:55	0.016	0.014	0.4	0.7	0.6
20460	11:57:55	0.012	0.013	0.5	0.6	0.6
20520	11:58:55	0.014	0.013	0.5	0.9	0.6
20580	11:59:55	0.012	0.013	0.4	0.5	0.6
20640	12:00:55	0.011	0.013	0.5	0.7	0.6
20700	12:01:55	0.011	0.013	0.6	0.8	0.6
20760	12:02:55	0.011	0.013	0.5	0.7	0.6
20820	12:03:55	0.01	0.013	0.5	0.6	0.6
20880	12:04:55	0.011	0.013	0.5	0.8	0.6
20940	12:05:55	0.01	0.013	0.6	0.8	0.6
21000	12:06:55	0.012	0.013	0.5	0.9	0.6
21060	12:07:55	0.025	0.013	0.5	0.9	0.6
21120	12:08:55	0.022	0.012	1.3	2.2	0.6
21180	12:09:55	0.019	0.011	1.0	1.3	0.5
21240	12:10:55	0.011	0.011	0.8	1.1	0.5
21300	12:11:55	0.011	0.011	0.6	0.9	0.5
21360	12:12:55	0.01	0.011	0.5	0.6	0.5
21420	12:13:55	0.011	0.011	0.5	0.7	0.5
21480	12:14:55	0.01	0.011	0.5	0.6	0.5
21540	12:15:55	0.01	0.011	0.4	0.5	0.5
21600	12:16:55	0.011	0.011	0.4	0.4	0.5
21660	12:17:55	0.011	0.011	0.5	0.8	0.5
21720	12:18:55	0.01	0.011	0.5	0.6	0.5
21780	12:19:55	0.01	0.011	0.5	0.5	0.5
21840	12:20:55	0.01	0.011	0.4	0.5	0.5
21900	12:21:55	0.011	0.011	0.4	0.4	0.5
21960	12:22:55	0.011	0.011	0.4	0.5	0.5
22020	12:23:55	0.011	0.011	0.5	0.6	0.5
22080	12:24:55	0.013	0.011	0.6	0.8	0.5
22140	12:25:55	0.011	0.011	0.5	0.7	0.5
22200	12:26:55	0.01	0.011	0.4	0.5	0.5
22260	12:27:55	0.01	0.011	0.4	0.5	0.5
22320	12:28:55	0.011	0.011	0.5	0.6	0.5
22380	12:29:55	0.011	0.011	0.5	0.6	0.5
22440	12:30:55	0.01	0.012	0.5	0.7	0.5
22500	12:31:55	0.012	0.012	0.5	0.7	0.5
22560	12:32:55	0.014	0.012	0.4	0.5	0.5
22620	12:33:55	0.01	0.013	0.5	0.6	0.5
22680	12:34:55	0.012	0.013	0.6	0.8	0.5
22740	12:35:55	0.01	0.013	0.4	0.6	0.5
22800	12:36:55	0.012	0.013	0.5	0.7	0.5
22860	12:37:55	0.01	0.021	0.4	0.6	0.5
22920	12:38:55	0.011	0.023	0.5	0.7	0.5
22980	12:39:55	0.013	0.024	0.5	0.8	0.5
23040	12:40:55	0.011	0.025	0.4	0.4	0.5

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	12:41:55	0.012	0.026	0.5	0.7	0.5
23160	12:42:55	0.012	0.027	0.6	0.8	0.5
23220	12:43:55	0.012	0.027	0.5	0.6	0.5
23280	12:44:55	0.019	0.027	0.6	1.1	0.5
23340	12:45:55	0.014	0.027	0.7	1.0	0.5
23400	12:46:55	0.015	0.027	0.5	0.7	0.5
23460	12:47:55	0.016	0.027	0.4	0.5	0.5
23520	12:48:55	0.011	0.027	0.3	0.4	0.5
23580	12:49:55	0.013	0.027	0.4	0.4	0.5
23640	12:50:55	0.018	0.028	0.4	0.5	0.4
23700	12:51:55	0.133	0.028	0.7	1.3	0.4
23760	12:52:55	0.038	0.020	0.6	0.9	0.4
23820	12:53:55	0.029	0.019	0.6	0.8	0.4
23880	12:54:55	0.025	0.018	0.6	1.0	0.4
23940	12:55:55	0.018	0.017	0.4	0.4	0.4
24000	12:56:55	0.025	0.017	0.4	0.6	0.4
24060	12:57:55	0.018	0.016	0.4	0.5	0.4
24120	12:58:55	0.017	0.016	0.4	0.5	0.4
24180	12:59:55	0.019	0.015	0.5	0.7	0.4
24240	13:00:55	0.012	0.015	0.4	0.5	0.4
24300	13:01:55	0.012	0.015	0.4	0.5	0.4
24360	13:02:55	0.011	0.015	0.3	0.3	0.4
24420	13:03:55	0.011	0.015	0.3	0.3	0.4
24480	13:04:55	0.032	0.016	0.3	0.4	0.4
24540	13:05:55	0.016	0.014	0.3	0.3	0.4
24600	13:06:55	0.021	0.014	0.4	0.5	0.4
24660	13:07:55	0.016	0.013	0.3	0.4	0.4
24720	13:08:55	0.016	0.013	0.3	0.4	0.4
24780	13:09:55	0.013	0.013	0.3	0.4	0.4
24840	13:10:55	0.013	0.013	0.5	0.5	0.4
24900	13:11:55	0.014	0.013	0.4	0.5	0.4
24960	13:12:55	0.012	0.013	0.4	0.5	0.4
25020	13:13:55	0.012	0.013	0.4	0.4	0.4
25080	13:14:55	0.012	0.013	0.4	0.4	0.4
25140	13:15:55	0.015	0.013	0.4	0.7	0.4
25200	13:16:55	0.011	0.013	0.4	0.4	0.4
25260	13:17:55	0.013	0.013	0.3	0.4	0.4
25320	13:18:55	0.017	0.014	0.5	0.7	0.4
25380	13:19:55	0.011	0.014	0.4	0.5	0.4
25440	13:20:55	0.011	0.015	0.5	0.5	0.5
25500	13:21:55	0.012	0.018	0.4	0.5	0.5
25560	13:22:55	0.013	0.018	0.4	0.6	0.5
25620	13:23:55	0.013	0.018	0.4	0.4	0.5
25680	13:24:55	0.014	0.018	0.4	0.5	0.5
25740	13:25:55	0.014	0.018	0.4	0.6	0.5
25800	13:26:55	0.012	0.018	0.6	1.0	0.5
25860	13:27:55	0.014	0.018	0.6	0.7	0.4
25920	13:28:55	0.015	0.018	0.3	0.4	0.4
25980	13:29:55	0.011	0.018	0.4	0.6	0.4
26040	13:30:55	0.011	0.018	0.3	0.4	0.4
26100	13:31:55	0.017	0.018	0.5	0.9	0.4
26160	13:32:55	0.019	0.018	0.4	0.6	0.4
26220	13:33:55	0.02	0.018	0.6	1.0	0.5
26280	13:34:55	0.025	0.018	0.7	1.1	0.4
26340	13:35:55	0.053	0.017	0.4	0.5	0.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
26400	13:36:55	0.016	0.014	0.4	0.6	0.4
26460	13:37:55	0.012	0.014	0.4	0.6	0.4
26520	13:38:55	0.015	0.014	0.5	0.7	0.4
26580	13:39:55	0.017	0.014	0.4	0.6	0.4
26640	13:40:55	0.012	0.014	0.3	0.3	0.4
26700	13:41:55	0.012	0.014	0.3	0.3	0.4
26760	13:42:55	0.014	0.014	0.3	0.4	0.4
26820	13:43:55	0.014	0.014	0.5	0.8	0.4
26880	13:44:55	0.013	0.014	0.6	0.8	0.4
26940	13:45:55	0.017	0.014	0.4	0.7	0.4
27000	13:46:55	0.014	0.014	0.5	0.7	0.4
27060	13:47:55	0.021	0.015	0.6	0.8	0.4
27120	13:48:55	0.011	0.014	0.4	0.5	0.4
27180	13:49:55	0.013	0.015	0.4	0.6	0.4
27240	13:50:55	0.013	0.015	0.4	0.5	0.4
27300	13:51:55	0.011	0.015	0.4	0.6	0.4
27360	13:52:55	0.012	0.015	0.4	0.5	0.4
27420	13:53:55	0.013	0.016	0.4	0.5	0.4
27480	13:54:55	0.015	0.017	0.3	0.4	0.5
27540	13:55:55	0.011	0.017	0.3	0.4	0.5
27600	13:56:55	0.025	0.018	0.4	0.7	0.5
27660	13:57:55	0.012	0.019	0.4	0.5	0.6
27720	13:58:55	0.016	0.019	0.5	0.7	0.6
27780	13:59:55	0.013	0.018	0.5	0.7	0.6
27840	14:00:55	0.017	0.018	0.4	0.5	0.6
27900	14:01:55	0.017	0.019	0.4	0.6	0.6
27960	14:02:55	0.018	0.019	0.4	0.5	0.6
28020	14:03:55	0.021	0.019	0.6	1.0	0.6
28080	14:04:55	0.012	0.019	0.5	0.7	0.6
28140	14:05:55	0.011	0.019	0.3	0.3	0.6
28200	14:06:55	0.018	0.020	0.4	0.5	0.6
28260	14:07:55	0.026	0.021	0.8	1.7	0.6
28320	14:08:55	0.02	0.020	0.8	1.3	0.6
28380	14:09:55	0.02	0.021	0.9	1.9	0.5
28440	14:10:55	0.026	0.021	0.5	1.1	0.5
28500	14:11:55	0.032	0.021	1.5	2.9	0.5
28560	14:12:55	0.012	0.020	0.7	1.3	0.4
28620	14:13:55	0.014	0.021	0.4	0.4	0.4
28680	14:14:55	0.013	0.022	0.3	0.4	0.4
28740	14:15:55	0.019	0.022	0.5	0.6	0.4
28800	14:16:55	0.024	0.022	0.5	0.5	0.4
28860	14:17:55	0.023	0.022	0.5	0.6	0.4
28920	14:18:55	0.015	0.022	0.4	0.5	0.4
28980	14:19:55	0.018	0.023	0.3	0.4	0.4
29040	14:20:55	0.014	0.024	0.3	0.3	0.4
29100	14:21:55	0.041	0.025	0.6	0.9	0.4
29160	14:22:55	0.015	0.024	0.4	0.7	0.4
29220	14:23:55	0.033	0.024	0.3	0.4	0.4
29280	14:24:55	0.015	0.024	0.4	0.4	0.4
29340	14:25:55	0.02	0.025	0.3	0.4	0.4
29400	14:26:55	0.023	0.026	0.4	0.5	0.4
29460	14:27:55	0.025	0.027	0.4	0.5	0.4
29520	14:28:55	0.03	0.027	0.4	0.4	0.4
29580	14:29:55	0.019	0.026	0.4	0.5	0.4
29640	14:30:55	0.019	0.026	0.3	0.3	0.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
29700	14:31:55	0.022	0.026	0.4	0.4	0.4
29760	14:32:55	0.024	0.026	0.4	0.5	0.4
29820	14:33:55	0.024	0.026	0.4	0.6	0.4
29880	14:34:55	0.034	0.025	0.5	0.7	0.4
29940	14:35:55	0.034	0.024	0.5	0.7	0.4
30000	14:36:55	0.016	0.023	0.3	0.4	0.4
30060	14:37:55	0.022	0.023	0.3	0.5	0.4
30120	14:38:55	0.04	0.023	0.7	0.9	0.4
30180	14:39:55	0.022	0.021	0.4	0.6	0.4
30240	14:40:55	0.041	0.020	0.4	0.4	0.4
30300	14:41:55	0.04	0.019	0.4	0.6	0.4
30360	14:42:55	0.016	0.017	0.4	0.5	0.4
30420	14:43:55	0.023	0.017	0.4	0.4	0.4
30480	14:44:55	0.018	0.016	0.4	0.6	0.4
30540	14:45:55	0.021	0.016	0.5	0.9	0.4
30600	14:46:55	0.019	0.016	0.5	0.8	0.4
30660	14:47:55	0.014	0.015	0.4	0.5	0.4
30720	14:48:55	0.022	0.015	0.5	0.8	0.4
30780	14:49:55	0.013	0.015	0.4	0.6	0.3
30840	14:50:55	0.02	0.015	0.4	0.7	0.3
30900	14:51:55	0.014	0.015	0.4	0.5	0.3
30960	14:52:55	0.015	0.015	0.4	0.5	0.3
31020	14:53:55	0.014	0.015	0.3	0.4	0.3
31080	14:54:55	0.017	0.015	0.4	0.4	0.3
31140	14:55:55	0.015	0.014	0.3	0.4	0.3
31200	14:56:55	0.013	0.014	0.3	0.3	0.3
31260	14:57:55	0.014	0.014	0.3	0.3	0.3
31320	14:58:55	0.014	0.014	0.3	0.3	0.3
31380	14:59:55	0.014	0.015	0.3	0.4	0.3
31440	15:00:55	0.015	0.015	0.3	0.4	0.3

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/28/19 6:18 AM						
60	6:18:00	0.023	0.038	0.1	0.1	0.1
120	6:19:00	0.021	0.038	0.1	0.1	0.1
180	6:20:00	0.039	0.038	0.1	0.1	0.1
240	6:21:00	0.141	0.037	0.1	0.1	0.1
300	6:22:00	0.056	0.029	0.1	0.1	0.1
360	6:23:00	0.046	0.027	0.1	0.1	0.1
420	6:24:00	0.031	0.025	0.1	0.1	0.1
480	6:25:00	0.026	0.024	0.1	0.1	0.1
540	6:26:00	0.022	0.024	0.1	0.1	0.1
600	6:27:00	0.023	0.024	0.1	0.1	0.1
660	6:28:00	0.021	0.024	0.1	0.1	0.1
720	6:29:00	0.022	0.024	0.1	0.1	0.1
780	6:30:00	0.027	0.024	0.1	0.1	0.1
840	6:31:00	0.044	0.023	0.1	0.1	0.1
900	6:32:00	0.031	0.022	0.0	0.1	0.1
960	6:33:00	0.024	0.021	0.0	0.1	0.1
1020	6:34:00	0.023	0.021	0.1	0.1	0.1
1080	6:35:00	0.021	0.020	0.1	0.1	0.1
1140	6:36:00	0.02	0.020	0.1	0.1	0.1
1200	6:37:00	0.021	0.020	0.1	0.1	0.1
1260	6:38:00	0.02	0.020	0.1	0.1	0.1
1320	6:39:00	0.021	0.020	0.1	0.1	0.1
1380	6:40:00	0.022	0.020	0.0	0.1	0.1
1440	6:41:00	0.02	0.020	0.0	0.1	0.1
1500	6:42:00	0.02	0.022	0.0	0.1	0.1
1560	6:43:00	0.02	0.024	0.1	0.1	0.1
1620	6:44:00	0.02	0.025	0.1	0.1	0.1
1680	6:45:00	0.021	0.025	0.1	0.1	0.1
1740	6:46:00	0.021	0.025	0.1	0.1	0.1
1800	6:47:00	0.02	0.026	0.1	0.1	0.1
1860	6:48:00	0.019	0.026	0.1	0.1	0.1
1920	6:49:00	0.02	0.027	0.1	0.1	0.1
1980	6:50:00	0.02	0.027	0.1	0.1	0.1
2040	6:51:00	0.02	0.028	0.1	0.1	0.1
2100	6:52:00	0.02	0.028	0.1	0.1	0.1
2160	6:53:00	0.02	0.028	0.1	0.1	0.1
2220	6:54:00	0.02	0.029	0.1	0.1	0.1
2280	6:55:00	0.025	0.029	0.1	0.1	0.2
2340	6:56:00	0.044	0.029	0.1	0.2	0.2
2400	6:57:00	0.047	0.028	0.2	0.2	0.2
2460	6:58:00	0.031	0.027	0.2	0.2	0.2
2520	6:59:00	0.029	0.026	0.1	0.2	0.2
2580	7:00:00	0.023	0.026	0.1	0.1	0.2
2640	7:01:00	0.029	0.026	0.1	0.1	0.2
2700	7:02:00	0.026	0.026	0.1	0.2	0.2
2760	7:03:00	0.025	0.026	0.2	0.2	0.2
2820	7:04:00	0.033	0.026	0.2	0.2	0.2
2880	7:05:00	0.024	0.026	0.2	0.2	0.2
2940	7:06:00	0.023	0.026	0.1	0.1	0.2
3000	7:07:00	0.027	0.026	0.2	0.2	0.2
3060	7:08:00	0.029	0.026	0.2	0.3	0.2
3120	7:09:00	0.026	0.026	0.2	0.2	0.2
3180	7:10:00	0.024	0.026	0.2	0.2	0.2
3240	7:11:00	0.026	0.026	0.2	0.2	0.2

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:12:00	0.024	0.025	0.2	0.2	0.2
3360	7:13:00	0.024	0.025	0.2	0.2	0.2
3420	7:14:00	0.025	0.025	0.2	0.3	0.2
3480	7:15:00	0.026	0.025	0.3	0.3	0.3
3540	7:16:00	0.029	0.025	0.3	0.4	0.3
3600	7:17:00	0.03	0.025	0.3	0.4	0.2
3660	7:18:00	0.025	0.024	0.3	0.4	0.2
3720	7:19:00	0.023	0.024	0.2	0.4	0.2
3780	7:20:00	0.023	0.024	0.2	0.3	0.2
3840	7:21:00	0.027	0.024	0.3	0.3	0.2
3900	7:22:00	0.03	0.024	0.2	0.3	0.3
3960	7:23:00	0.025	0.024	0.2	0.3	0.3
4020	7:24:00	0.024	0.024	0.2	0.3	0.3
4080	7:25:00	0.023	0.024	0.2	0.2	0.3
4140	7:26:00	0.022	0.024	0.2	0.2	0.3
4200	7:27:00	0.021	0.023	0.2	0.2	0.3
4260	7:28:00	0.023	0.023	0.3	0.4	0.3
4320	7:29:00	0.029	0.023	0.4	0.4	0.3
4380	7:30:00	0.023	0.023	0.3	0.3	0.3
4440	7:31:00	0.021	0.023	0.2	0.3	0.3
4500	7:32:00	0.022	0.023	0.2	0.3	0.3
4560	7:33:00	0.021	0.023	0.2	0.3	0.3
4620	7:34:00	0.021	0.023	0.3	0.3	0.3
4680	7:35:00	0.022	0.024	0.3	0.4	0.3
4740	7:36:00	0.032	0.024	0.4	0.5	0.3
4800	7:37:00	0.031	0.023	0.5	0.7	0.3
4860	7:38:00	0.024	0.023	0.3	0.4	0.3
4920	7:39:00	0.021	0.022	0.3	0.3	0.3
4980	7:40:00	0.02	0.022	0.3	0.3	0.3
5040	7:41:00	0.02	0.022	0.2	0.3	0.3
5100	7:42:00	0.018	0.022	0.2	0.2	0.3
5160	7:43:00	0.021	0.023	0.2	0.2	0.3
5220	7:44:00	0.029	0.023	0.2	0.2	0.3
5280	7:45:00	0.02	0.023	0.2	0.3	0.3
5340	7:46:00	0.02	0.024	0.2	0.3	0.3
5400	7:47:00	0.021	0.024	0.2	0.2	0.3
5460	7:48:00	0.027	0.024	0.5	0.9	0.3
5520	7:49:00	0.028	0.024	0.5	0.7	0.3
5580	7:50:00	0.028	0.023	0.5	0.6	0.3
5640	7:51:00	0.022	0.023	0.3	0.4	0.3
5700	7:52:00	0.019	0.023	0.3	0.3	0.3
5760	7:53:00	0.019	0.023	0.3	0.3	0.3
5820	7:54:00	0.02	0.023	0.2	0.3	0.3
5880	7:55:00	0.02	0.024	0.2	0.3	0.3
5940	7:56:00	0.021	0.030	0.3	0.3	0.4
6000	7:57:00	0.023	0.032	0.3	0.5	0.4
6060	7:58:00	0.032	0.037	0.4	0.7	0.4
6120	7:59:00	0.028	0.040	0.3	0.5	0.4
6180	8:00:00	0.025	0.041	0.4	0.7	0.4
6240	8:01:00	0.026	0.041	0.4	0.5	0.4
6300	8:02:00	0.022	0.041	0.3	0.4	0.4
6360	8:03:00	0.022	0.041	0.3	0.3	0.4
6420	8:04:00	0.021	0.041	0.3	0.3	0.4
6480	8:05:00	0.022	0.041	0.3	0.3	0.4
6540	8:06:00	0.025	0.041	0.3	0.4	0.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:07:00	0.023	0.040	0.3	0.4	0.4
6660	8:08:00	0.022	0.040	0.3	0.3	0.4
6720	8:09:00	0.028	0.040	0.3	0.5	0.4
6780	8:10:00	0.11	0.041	0.8	1.2	0.5
6840	8:11:00	0.045	0.040	0.4	0.5	0.5
6900	8:12:00	0.106	0.042	1.0	2.5	0.6
6960	8:13:00	0.072	0.040	0.7	1.3	0.6
7020	8:14:00	0.052	0.039	0.6	0.9	0.6
7080	8:15:00	0.022	0.039	0.3	0.4	0.6
7140	8:16:00	0.02	0.042	0.3	0.3	0.7
7200	8:17:00	0.02	0.042	0.3	0.3	0.7
7260	8:18:00	0.023	0.044	0.3	0.3	0.7
7320	8:19:00	0.021	0.050	0.3	0.3	0.8
7380	8:20:00	0.021	0.053	0.3	0.3	0.8
7440	8:21:00	0.019	0.053	0.3	0.3	0.8
7500	8:22:00	0.019	0.053	0.3	0.3	0.9
7560	8:23:00	0.022	0.053	0.3	0.6	0.9
7620	8:24:00	0.041	0.055	0.6	1.2	0.9
7680	8:25:00	0.098	0.055	1.1	4.0	0.9
7740	8:26:00	0.081	0.052	1.6	3.5	0.8
7800	8:27:00	0.063	0.055	1.1	1.8	0.8
7860	8:28:00	0.061	0.054	1.2	2.2	0.8
7920	8:29:00	0.053	0.053	1.0	1.5	0.7
7980	8:30:00	0.068	0.050	1.2	2.1	0.7
8040	8:31:00	0.023	0.047	0.4	0.5	0.6
8100	8:32:00	0.053	0.047	1.2	1.6	0.6
8160	8:33:00	0.109	0.045	1.3	1.6	0.6
8220	8:34:00	0.062	0.040	0.7	1.0	0.6
8280	8:35:00	0.021	0.037	0.4	0.5	0.5
8340	8:36:00	0.02	0.037	0.4	0.4	0.5
8400	8:37:00	0.023	0.037	0.4	0.4	0.5
8460	8:38:00	0.048	0.037	0.5	0.6	0.5
8520	8:39:00	0.043	0.035	0.5	0.7	0.5
8580	8:40:00	0.048	0.033	0.5	0.6	0.5
8640	8:41:00	0.131	0.031	1.1	2.4	0.5
8700	8:42:00	0.054	0.023	0.8	1.3	0.5
8760	8:43:00	0.035	0.021	0.5	0.7	0.4
8820	8:44:00	0.018	0.020	0.4	0.4	0.4
8880	8:45:00	0.02	0.023	0.4	0.4	0.4
8940	8:46:00	0.02	0.028	0.4	0.4	0.4
9000	8:47:00	0.025	0.028	0.6	1.0	0.4
9060	8:48:00	0.033	0.028	0.7	0.9	0.4
9120	8:49:00	0.02	0.028	0.4	0.5	0.4
9180	8:50:00	0.018	0.031	0.4	0.4	0.5
9240	8:51:00	0.018	0.032	0.4	0.4	0.5
9300	8:52:00	0.018	0.033	0.4	0.4	0.5
9360	8:53:00	0.02	0.034	0.4	0.4	0.6
9420	8:54:00	0.018	0.034	0.4	0.4	0.6
9480	8:55:00	0.018	0.035	0.4	0.4	0.6
9540	8:56:00	0.017	0.039	0.4	0.4	0.7
9600	8:57:00	0.017	0.040	0.4	0.4	0.7
9660	8:58:00	0.019	0.050	0.4	0.8	0.9
9720	8:59:00	0.059	0.052	0.4	0.7	1.0
9780	9:00:00	0.099	0.050	0.4	0.4	1.0
9840	9:01:00	0.017	0.047	0.4	0.4	1.0

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9900	9:02:00	0.027	0.054	0.6	1.0	1.1
9960	9:03:00	0.037	0.057	0.9	2.4	1.1
10020	9:04:00	0.062	0.058	1.1	2.4	1.1
10080	9:05:00	0.027	0.057	0.7	1.2	1.1
10140	9:06:00	0.042	0.057	0.9	1.4	1.1
10200	9:07:00	0.033	0.056	0.8	1.6	1.1
10260	9:08:00	0.018	0.055	0.5	0.6	1.1
10320	9:09:00	0.036	0.056	1.0	2.2	1.1
10380	9:10:00	0.075	0.055	0.9	2.0	1.1
10440	9:11:00	0.033	0.051	1.1	4.5	1.0
10500	9:12:00	0.169	0.050	3.5	6.0	1.0
10560	9:13:00	0.053	0.040	1.2	2.9	0.8
10620	9:14:00	0.02	0.037	0.6	0.7	0.7
10680	9:15:00	0.055	0.037	0.8	2.1	0.7
10740	9:16:00	0.126	0.035	1.6	2.5	0.7
10800	9:17:00	0.075	0.027	1.3	1.7	0.6
10860	9:18:00	0.047	0.024	1.0	1.7	0.6
10920	9:19:00	0.048	0.022	1.2	1.7	0.5
10980	9:20:00	0.029	0.020	0.7	1.0	0.5
11040	9:21:00	0.018	0.020	0.5	0.5	0.5
11100	9:22:00	0.027	0.020	0.5	0.7	0.4
11160	9:23:00	0.023	0.023	0.6	0.6	0.5
11220	9:24:00	0.021	0.030	0.6	0.7	0.7
11280	9:25:00	0.019	0.033	0.5	0.5	0.7
11340	9:26:00	0.017	0.037	0.4	0.4	0.8
11400	9:27:00	0.018	0.041	0.4	0.4	0.9
11460	9:28:00	0.017	0.049	0.4	0.4	1.0
11520	9:29:00	0.017	0.065	0.4	0.4	1.3
11580	9:30:00	0.017	0.080	0.4	0.4	1.7
11640	9:31:00	0.017	0.085	0.4	0.4	1.8
11700	9:32:00	0.019	0.087	0.4	0.6	1.9
11760	9:33:00	0.023	0.094	0.5	0.6	2.0
11820	9:34:00	0.018	0.098	0.4	0.4	2.1
11880	9:35:00	0.029	0.101	0.4	0.4	2.1
11940	9:36:00	0.018	0.108	0.4	0.4	2.2
12000	9:37:00	0.069	0.110	2.0	4.6	2.3
12060	9:38:00	0.128	0.107	2.4	3.5	2.2
12120	9:39:00	0.068	0.099	1.4	2.2	2.1
12180	9:40:00	0.085	0.096	1.6	2.7	2.0
12240	9:41:00	0.066	0.094	1.4	1.8	2.0
12300	9:42:00	0.151	0.091	3.1	6.5	1.9
12360	9:43:00	0.244	0.083	5.0	6.8	1.7
12420	9:44:00	0.252	0.069	5.0	7.3	1.5
12480	9:45:00	0.09	0.058	2.6	4.1	1.2
12540	9:46:00	0.04	0.053	1.5	3.6	1.1
12600	9:47:00	0.126	0.059	2.2	4.4	1.2
12660	9:48:00	0.084	0.065	1.4	2.3	1.3
12720	9:49:00	0.06	0.064	1.1	3.0	1.3
12780	9:50:00	0.14	0.064	2.5	4.4	1.3
12840	9:51:00	0.044	0.058	1.0	1.8	1.2
12900	9:52:00	0.022	0.056	0.6	0.8	1.2
12960	9:53:00	0.019	0.057	0.5	0.6	1.2
13020	9:54:00	0.023	0.057	0.6	1.0	1.2
13080	9:55:00	0.054	0.058	0.9	1.4	1.2
13140	9:56:00	0.021	0.058	0.6	0.6	1.2

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13200	9:57:00	0.021	0.058	0.6	0.6	1.2
13260	9:58:00	0.046	0.059	0.9	2.9	1.2
13320	9:59:00	0.08	0.064	1.4	4.6	1.2
13380	10:00:00	0.021	0.065	0.6	0.7	1.1
13440	10:01:00	0.127	0.065	3.1	5.0	1.1
13500	10:02:00	0.213	0.060	3.8	6.9	1.0
13560	10:03:00	0.073	0.049	1.5	2.8	0.8
13620	10:04:00	0.059	0.049	0.9	1.3	0.8
13680	10:05:00	0.045	0.047	1.0	1.5	0.8
13740	10:06:00	0.019	0.045	0.6	0.6	0.8
13800	10:07:00	0.034	0.045	0.7	1.2	0.8
13860	10:08:00	0.02	0.044	0.5	0.6	0.7
13920	10:09:00	0.038	0.045	1.2	2.9	0.8
13980	10:10:00	0.047	0.044	0.9	2.5	0.7
14040	10:11:00	0.029	0.042	0.5	0.6	0.7
14100	10:12:00	0.028	0.041	0.6	0.8	0.7
14160	10:13:00	0.134	0.041	0.7	0.9	0.7
14220	10:14:00	0.085	0.035	0.6	0.9	0.7
14280	10:15:00	0.024	0.032	0.5	0.5	0.7
14340	10:16:00	0.046	0.034	0.9	1.8	0.7
14400	10:17:00	0.052	0.033	1.2	2.1	0.8
14460	10:18:00	0.077	0.036	1.1	1.8	0.7
14520	10:19:00	0.028	0.037	0.6	0.7	0.8
14580	10:20:00	0.02	0.041	0.7	0.9	0.8
14640	10:21:00	0.019	0.044	0.6	0.8	0.9
14700	10:22:00	0.018	0.048	0.5	0.5	1.1
14760	10:23:00	0.028	0.049	0.7	1.1	1.2
14820	10:24:00	0.019	0.050	0.5	0.6	1.2
14880	10:25:00	0.018	0.051	0.5	0.5	1.3
14940	10:26:00	0.022	0.052	0.5	0.6	1.4
15000	10:27:00	0.025	0.053	0.6	0.7	1.5
15060	10:28:00	0.039	0.054	0.7	1.1	1.5
15120	10:29:00	0.049	0.056	1.0	1.2	1.6
15180	10:30:00	0.049	0.055	1.1	2.0	1.6
15240	10:31:00	0.038	0.054	1.1	1.6	1.6
15300	10:32:00	0.086	0.057	1.0	1.3	1.7
15360	10:33:00	0.094	0.055	1.7	2.4	1.7
15420	10:34:00	0.09	0.054	1.4	2.0	1.6
15480	10:35:00	0.069	0.050	2.1	2.5	1.6
15540	10:36:00	0.069	0.048	3.6	4.3	1.5
15600	10:37:00	0.047	0.046	1.6	2.5	1.3
15660	10:38:00	0.036	0.048	1.1	1.7	1.3
15720	10:39:00	0.034	0.049	1.6	2.0	1.4
15780	10:40:00	0.03	0.049	1.5	2.3	1.4
15840	10:41:00	0.039	0.053	1.7	2.6	1.4
15900	10:42:00	0.046	0.053	1.8	2.4	1.4
15960	10:43:00	0.063	0.056	1.2	2.6	1.5
16020	10:44:00	0.03	0.057	1.4	3.3	1.5
16080	10:45:00	0.046	0.060	1.4	2.2	1.5
16140	10:46:00	0.075	0.058	1.7	2.0	1.5
16200	10:47:00	0.062	0.055	1.3	1.8	1.4
16260	10:48:00	0.067	0.052	0.9	1.2	1.3
16320	10:49:00	0.043	0.049	0.9	1.2	1.3
16380	10:50:00	0.04	0.048	0.7	0.7	1.3
16440	10:51:00	0.037	0.048	1.1	2.1	1.4

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16500	10:52:00	0.071	0.048	1.3	2.1	1.4
16560	10:53:00	0.049	0.046	1.8	2.2	1.4
16620	10:54:00	0.037	0.045	1.6	3.0	1.3
16680	10:55:00	0.083	0.044	2.2	3.0	1.2
16740	10:56:00	0.049	0.039	2.3	5.2	1.1
16800	10:57:00	0.082	0.037	2.3	4.1	1.0
16860	10:58:00	0.082	0.033	1.5	1.9	0.9
16920	10:59:00	0.072	0.029	1.6	2.7	0.8
16980	11:00:00	0.024	0.025	0.7	1.0	0.8
17040	11:01:00	0.021	0.026	0.6	0.6	0.8
17100	11:02:00	0.019	0.026	0.5	0.6	0.8
17160	11:03:00	0.031	0.026	0.9	1.1	0.8
17220	11:04:00	0.024	0.026	1.0	1.2	0.8
17280	11:05:00	0.039	0.027	1.0	1.3	0.8
17340	11:06:00	0.044	0.026	1.3	1.6	0.8
17400	11:07:00	0.035	0.025	1.0	1.5	0.8
17460	11:08:00	0.031	0.024	0.9	1.2	0.8
17520	11:09:00	0.02	0.023	0.7	0.8	0.8
17580	11:10:00	0.016	0.025	0.6	0.8	0.8
17640	11:11:00	0.022	0.026	0.7	1.0	0.8
17700	11:12:00	0.017	0.026	0.5	0.6	0.8
17760	11:13:00	0.016	0.026	0.5	0.5	0.8
17820	11:14:00	0.02	0.027	0.6	0.7	0.8
17880	11:15:00	0.03	0.026	0.9	1.1	0.8
17940	11:16:00	0.019	0.026	0.9	1.5	0.8
18000	11:17:00	0.025	0.028	0.9	1.4	0.8
18060	11:18:00	0.031	0.031	1.0	1.4	0.8
18120	11:19:00	0.045	0.033	1.1	1.8	0.8
18180	11:20:00	0.026	0.031	0.9	1.2	0.8
18240	11:21:00	0.018	0.032	0.7	1.0	0.7
18300	11:22:00	0.024	0.033	0.7	0.9	0.8
18360	11:23:00	0.018	0.033	0.6	1.1	0.8
18420	11:24:00	0.046	0.034	1.4	2.0	0.8
18480	11:25:00	0.033	0.034	1.1	2.0	0.8
18540	11:26:00	0.025	0.034	0.8	1.1	0.8
18600	11:27:00	0.02	0.038	0.5	0.6	0.8
18660	11:28:00	0.018	0.040	0.5	0.5	0.8
18720	11:29:00	0.018	0.040	0.4	0.4	0.8
18780	11:30:00	0.018	0.040	0.4	0.4	0.8
18840	11:31:00	0.053	0.040	1.0	1.9	0.8
18900	11:32:00	0.07	0.040	1.0	1.9	0.8
18960	11:33:00	0.058	0.038	0.8	1.7	0.8
19020	11:34:00	0.025	0.037	0.5	0.5	0.8
19080	11:35:00	0.03	0.037	0.6	0.7	0.8
19140	11:36:00	0.042	0.036	1.0	1.5	0.8
19200	11:37:00	0.027	0.037	0.8	1.0	0.8
19260	11:38:00	0.021	0.037	0.6	0.7	0.8
19320	11:39:00	0.051	0.038	1.4	1.7	0.9
19380	11:40:00	0.035	0.037	1.1	1.3	0.8
19440	11:41:00	0.089	0.036	1.1	1.4	0.8
19500	11:42:00	0.048	0.031	0.8	1.2	0.7
19560	11:43:00	0.018	0.031	0.5	0.6	0.7
19620	11:44:00	0.016	0.034	0.5	0.5	0.8
19680	11:45:00	0.024	0.035	0.7	1.6	0.8
19740	11:46:00	0.04	0.044	0.9	1.4	0.8

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19800	11:47:00	0.051	0.047	1.3	2.2	0.9
19860	11:48:00	0.041	0.045	0.8	1.3	0.8
19920	11:49:00	0.016	0.043	0.5	0.6	0.8
19980	11:50:00	0.026	0.046	0.7	1.3	0.8
20040	11:51:00	0.053	0.047	1.0	1.4	0.8
20100	11:52:00	0.031	0.045	0.8	1.2	0.8
20160	11:53:00	0.031	0.045	0.8	1.0	0.7
20220	11:54:00	0.042	0.045	0.8	1.1	0.7
20280	11:55:00	0.016	0.046	0.5	0.6	0.7
20340	11:56:00	0.015	0.048	0.4	0.5	0.7
20400	11:57:00	0.052	0.049	0.9	1.7	0.7
20460	11:58:00	0.052	0.049	0.8	1.8	0.7
20520	11:59:00	0.04	0.050	0.6	1.0	0.7
20580	12:00:00	0.151	0.068	1.9	2.5	0.7
20640	12:01:00	0.087	0.066	1.0	2.6	0.6
20700	12:02:00	0.016	0.067	0.5	0.6	0.6
20760	12:03:00	0.016	0.068	0.5	0.7	0.6
20820	12:04:00	0.063	0.069	0.6	0.8	0.7
20880	12:05:00	0.034	0.066	0.6	0.7	0.7
20940	12:06:00	0.033	0.065	0.6	0.7	0.7
21000	12:07:00	0.022	0.064	0.5	0.6	0.7
21060	12:08:00	0.03	0.064	0.5	0.7	0.7
21120	12:09:00	0.056	0.063	0.8	1.0	0.7
21180	12:10:00	0.054	0.061	0.7	1.0	0.7
21240	12:11:00	0.025	0.059	0.6	0.8	0.7
21300	12:12:00	0.063	0.060	0.6	0.6	0.7
21360	12:13:00	0.063	0.057	0.5	0.7	0.7
21420	12:14:00	0.302	0.055	0.9	0.9	0.7
21480	12:15:00	0.129	0.037	0.8	1.1	0.7
21540	12:16:00	0.095	0.030	0.7	0.7	0.7
21600	12:17:00	0.032	0.026	0.7	0.9	0.7
21660	12:18:00	0.038	0.029	0.7	0.9	0.7
21720	12:19:00	0.016	0.028	0.6	0.7	0.7
21780	12:20:00	0.016	0.028	0.6	0.7	0.7
21840	12:21:00	0.018	0.028	0.6	0.6	0.7
21900	12:22:00	0.024	0.028	0.7	0.7	0.7
21960	12:23:00	0.02	0.028	0.8	0.8	0.7
22020	12:24:00	0.02	0.027	0.8	0.8	0.7
22080	12:25:00	0.025	0.027	0.7	0.9	0.6
22140	12:26:00	0.034	0.026	0.6	0.7	0.6
22200	12:27:00	0.021	0.024	0.7	0.8	0.6
22260	12:28:00	0.035	0.023	0.8	1.0	0.6
22320	12:29:00	0.033	0.022	0.7	1.0	0.6
22380	12:30:00	0.018	0.021	0.5	0.6	0.6
22440	12:31:00	0.039	0.021	0.5	0.6	0.6
22500	12:32:00	0.077	0.019	0.6	0.7	0.6
22560	12:33:00	0.028	0.014	0.8	0.9	0.6
22620	12:34:00	0.017	0.013	0.6	0.8	0.6
22680	12:35:00	0.013	0.013	0.6	0.7	0.6
22740	12:36:00	0.02	0.013	0.7	0.8	0.6
22800	12:37:00	0.013	0.012	0.6	0.7	0.6
22860	12:38:00	0.014	0.012	0.7	0.7	0.6
22920	12:39:00	0.012	0.013	0.6	0.7	0.6
22980	12:40:00	0.011	0.012	0.6	0.7	0.6
23040	12:41:00	0.011	0.012	0.6	0.7	0.6

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
23100	12:42:00	0.011	0.012	0.6	0.8	0.6
23160	12:43:00	0.017	0.012	0.6	0.7	0.6
23220	12:44:00	0.013	0.012	0.7	0.7	0.6
23280	12:45:00	0.013	0.012	0.7	0.9	0.5
23340	12:46:00	0.012	0.012	0.6	0.7	0.5
23400	12:47:00	0.011	0.012	0.6	0.7	0.5
23460	12:48:00	0.012	0.012	0.7	0.7	0.5
23520	12:49:00	0.012	0.012	0.6	0.7	0.5
23580	12:50:00	0.013	0.011	0.7	0.9	0.5
23640	12:51:00	0.012	0.011	0.6	0.7	0.5
23700	12:52:00	0.01	0.011	0.4	0.5	0.5
23760	12:53:00	0.018	0.011	0.6	0.9	0.5
23820	12:54:00	0.011	0.011	0.4	0.5	0.5
23880	12:55:00	0.01	0.011	0.4	0.4	0.5
23940	12:56:00	0.012	0.011	0.4	0.4	0.5
24000	12:57:00	0.01	0.011	0.4	0.4	0.5
24060	12:58:00	0.011	0.012	0.5	0.7	0.5
24120	12:59:00	0.011	0.012	0.6	0.6	0.5
24180	13:00:00	0.011	0.012	0.5	0.6	0.5
24240	13:01:00	0.011	0.013	0.6	0.6	0.5
24300	13:02:00	0.011	0.015	0.6	0.8	0.5
24360	13:03:00	0.01	0.017	0.5	0.6	0.5
24420	13:04:00	0.01	0.018	0.5	0.6	0.5
24480	13:05:00	0.011	0.018	0.5	0.6	0.5
24540	13:06:00	0.01	0.020	0.5	0.5	0.5
24600	13:07:00	0.01	0.023	0.4	0.5	0.6
24660	13:08:00	0.011	0.025	0.4	0.5	0.6
24720	13:09:00	0.014	0.025	0.6	0.8	0.6
24780	13:10:00	0.011	0.027	0.5	0.6	0.6
24840	13:11:00	0.018	0.028	0.8	1.0	0.6
24900	13:12:00	0.018	0.028	0.7	0.9	0.5
24960	13:13:00	0.016	0.029	0.5	0.5	0.5
25020	13:14:00	0.012	0.029	0.5	0.6	0.5
25080	13:15:00	0.022	0.031	0.6	0.6	0.5
25140	13:16:00	0.046	0.037	0.5	0.6	0.6
25200	13:17:00	0.037	0.041	0.6	0.6	0.6
25260	13:18:00	0.019	0.049	0.5	0.7	0.6
25320	13:19:00	0.017	0.084	0.4	0.6	0.7
25380	13:20:00	0.041	0.085	0.4	0.7	0.7
25440	13:21:00	0.047	0.094	0.9	1.1	0.7
25500	13:22:00	0.039	0.093	0.8	1.2	0.7
25560	13:23:00	0.015	0.096	0.4	0.4	0.7
25620	13:24:00	0.052	0.109	0.5	0.7	0.7
25680	13:25:00	0.027	0.123	0.4	0.5	0.7
25740	13:26:00	0.019	0.139	0.4	0.6	0.8
25800	13:27:00	0.02	0.154	0.4	0.5	0.8
25860	13:28:00	0.016	0.159	0.4	0.8	0.9
25920	13:29:00	0.053	0.161	0.8	1.0	0.9
25980	13:30:00	0.103	0.162	1.1	1.2	0.9
26040	13:31:00	0.104	0.159	1.1	1.3	0.8
26100	13:32:00	0.16	0.154	1.2	1.4	0.8
26160	13:33:00	0.541	0.151	1.1	1.5	0.8
26220	13:34:00	0.038	0.117	0.5	0.8	0.7
26280	13:35:00	0.175	0.120	0.5	0.8	0.7
26340	13:36:00	0.032	0.117	0.5	0.5	0.8

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
26400	13:37:00	0.08	0.122	0.6	0.8	0.8
26460	13:38:00	0.214	0.122	0.9	0.9	0.8
26520	13:39:00	0.259	0.114	1.0	1.1	0.8
26580	13:40:00	0.277	0.102	1.1	1.2	0.7
26640	13:41:00	0.243	0.085	1.2	1.3	0.7
26700	13:42:00	0.091	0.071	1.0	1.3	0.7
26760	13:43:00	0.038	0.069	0.6	0.7	0.6
26820	13:44:00	0.072	0.069	0.6	0.7	0.6
26880	13:45:00	0.065	0.069	0.6	0.7	0.6
26940	13:46:00	0.027	0.069	0.5	0.6	0.6
27000	13:47:00	0.109	0.073	0.8	1.2	0.7
27060	13:48:00	0.032	0.070	0.5	0.6	0.6
27120	13:49:00	0.086	0.073	0.7	1.0	0.7
27180	13:50:00	0.123	0.072	0.9	1.1	0.7
27240	13:51:00	0.111	0.066	0.8	1.0	0.6
27300	13:52:00	0.081	0.059	0.6	0.9	0.6
27360	13:53:00	0.09	0.055	0.7	0.9	0.6
27420	13:54:00	0.083	0.048	0.6	0.7	0.6
27480	13:55:00	0.03	0.040	0.6	0.6	0.6
27540	13:56:00	0.025	0.043	0.6	0.6	0.6
27600	13:57:00	0.063	0.052	0.5	0.8	0.6
27660	13:58:00	0.041	0.041	0.6	0.7	0.6

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/3/19 6:21 AM						
60	6:21:22	0.045	0.040	0.1	0.1	0.0
120	6:22:22	0.041	0.039	0.0	0.1	0.0
180	6:23:22	0.043	0.039	0.0	0.0	0.0
240	6:24:22	0.039	0.039	0.0	0.0	0.0
300	6:25:22	0.04	0.039	0.0	0.0	0.0
360	6:26:22	0.038	0.039	0.0	0.0	0.0
420	6:27:22	0.037	0.039	0.0	0.0	0.0
480	6:28:22	0.039	0.039	0.0	0.0	0.0
540	6:29:22	0.043	0.039	0.0	0.1	0.0
600	6:30:22	0.041	0.039	0.0	0.1	0.0
660	6:31:22	0.039	0.039	0.0	0.1	0.0
720	6:32:22	0.039	0.039	0.0	0.1	0.0
780	6:33:22	0.038	0.038	0.0	0.1	0.0
840	6:34:22	0.038	0.038	0.0	0.0	0.0
900	6:35:22	0.038	0.038	0.0	0.0	0.0
960	6:36:22	0.039	0.038	0.0	0.0	0.0
1020	6:37:22	0.039	0.038	0.0	0.0	0.0
1080	6:38:22	0.038	0.038	0.0	0.0	0.0
1140	6:39:22	0.041	0.038	0.0	0.0	0.0
1200	6:40:22	0.039	0.038	0.0	0.0	0.0
1260	6:41:22	0.038	0.038	0.0	0.0	0.0
1320	6:42:22	0.038	0.038	0.0	0.1	0.0
1380	6:43:22	0.038	0.037	0.0	0.0	0.0
1440	6:44:22	0.038	0.037	0.0	0.1	0.0
1500	6:45:22	0.038	0.037	0.0	0.1	0.0
1560	6:46:22	0.039	0.037	0.0	0.1	0.0
1620	6:47:22	0.037	0.037	0.0	0.1	0.0
1680	6:48:22	0.036	0.037	0.0	0.0	0.0
1740	6:49:22	0.036	0.037	0.0	0.1	0.0
1800	6:50:22	0.036	0.037	0.1	0.1	0.0
1860	6:51:22	0.036	0.037	0.0	0.1	0.0
1920	6:52:22	0.036	0.037	0.0	0.0	0.0
1980	6:53:22	0.038	0.037	0.0	0.0	0.0
2040	6:54:22	0.041	0.037	0.0	0.0	0.0
2100	6:55:22	0.038	0.037	0.0	0.1	0.1
2160	6:56:22	0.039	0.036	0.0	0.1	0.1
2220	6:57:22	0.036	0.036	0.0	0.1	0.1
2280	6:58:22	0.037	0.036	0.0	0.1	0.1
2340	6:59:22	0.037	0.036	0.0	0.1	0.1
2400	7:00:22	0.037	0.036	0.0	0.1	0.1
2460	7:01:22	0.036	0.036	0.0	0.1	0.1
2520	7:02:22	0.037	0.036	0.1	0.1	0.1
2580	7:03:22	0.035	0.036	0.1	0.1	0.1
2640	7:04:22	0.037	0.036	0.1	0.1	0.1
2700	7:05:22	0.038	0.036	0.1	0.1	0.1
2760	7:06:22	0.035	0.036	0.1	0.1	0.1
2820	7:07:22	0.036	0.036	0.1	0.1	0.1
2880	7:08:22	0.035	0.036	0.1	0.1	0.1
2940	7:09:22	0.035	0.036	0.1	0.1	0.1
3000	7:10:22	0.036	0.036	0.1	0.1	0.1
3060	7:11:22	0.036	0.036	0.1	0.1	0.1
3120	7:12:22	0.036	0.036	0.1	0.1	0.1
3180	7:13:22	0.036	0.036	0.1	0.1	0.1
3240	7:14:22	0.036	0.036	0.1	0.1	0.1

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3300	7:15:22	0.034	0.036	0.1	0.1	0.1
3360	7:16:22	0.034	0.036	0.1	0.1	0.1
3420	7:17:22	0.034	0.036	0.1	0.1	0.1
3480	7:18:22	0.036	0.036	0.1	0.2	0.1
3540	7:19:22	0.037	0.036	0.1	0.2	0.1
3600	7:20:22	0.038	0.036	0.1	0.1	0.1
3660	7:21:22	0.036	0.036	0.1	0.1	0.1
3720	7:22:22	0.037	0.036	0.1	0.1	0.2
3780	7:23:22	0.036	0.036	0.1	0.1	0.2
3840	7:24:22	0.037	0.035	0.1	0.1	0.2
3900	7:25:22	0.036	0.035	0.1	0.1	0.2
3960	7:26:22	0.038	0.035	0.1	0.2	0.2
4020	7:27:22	0.038	0.035	0.1	0.2	0.2
4080	7:28:22	0.036	0.035	0.1	0.2	0.2
4140	7:29:22	0.034	0.035	0.1	0.2	0.2
4200	7:30:22	0.035	0.035	0.1	0.2	0.2
4260	7:31:22	0.034	0.035	0.2	0.2	0.2
4320	7:32:22	0.034	0.035	0.2	0.2	0.2
4380	7:33:22	0.035	0.035	0.2	0.2	0.3
4440	7:34:22	0.036	0.035	0.3	0.4	0.3
4500	7:35:22	0.035	0.035	0.3	0.4	0.3
4560	7:36:22	0.035	0.034	0.2	0.2	0.3
4620	7:37:22	0.034	0.034	0.2	0.2	0.3
4680	7:38:22	0.034	0.034	0.2	0.2	0.3
4740	7:39:22	0.035	0.034	0.3	0.6	0.3
4800	7:40:22	0.037	0.034	0.3	0.4	0.2
4860	7:41:22	0.035	0.034	0.2	0.3	0.2
4920	7:42:22	0.033	0.034	0.2	0.3	0.2
4980	7:43:22	0.033	0.034	0.2	0.3	0.3
5040	7:44:22	0.033	0.034	0.2	0.3	0.3
5100	7:45:22	0.04	0.034	0.3	0.5	0.3
5160	7:46:22	0.037	0.033	0.4	0.5	0.3
5220	7:47:22	0.033	0.033	0.3	0.3	0.3
5280	7:48:22	0.032	0.033	0.3	0.3	0.2
5340	7:49:22	0.032	0.033	0.3	0.3	0.2
5400	7:50:22	0.032	0.033	0.2	0.3	0.2
5460	7:51:22	0.032	0.033	0.2	0.2	0.2
5520	7:52:22	0.031	0.033	0.2	0.3	0.2
5580	7:53:22	0.031	0.033	0.2	0.3	0.2
5640	7:54:22	0.033	0.033	0.2	0.2	0.3
5700	7:55:22	0.04	0.032	0.2	0.3	0.3
5760	7:56:22	0.037	0.032	0.3	0.3	0.3
5820	7:57:22	0.035	0.032	0.3	0.3	0.3
5880	7:58:22	0.033	0.032	0.3	0.3	0.3
5940	7:59:22	0.032	0.032	0.3	0.3	0.3
6000	8:00:22	0.032	0.032	0.3	0.3	0.3
6060	8:01:22	0.032	0.032	0.2	0.3	0.3
6120	8:02:22	0.032	0.032	0.2	0.3	0.3
6180	8:03:22	0.031	0.032	0.2	0.3	0.3
6240	8:04:22	0.03	0.031	0.2	0.3	0.3
6300	8:05:22	0.03	0.031	0.2	0.3	0.3
6360	8:06:22	0.031	0.031	0.3	0.3	0.3
6420	8:07:22	0.03	0.031	0.3	0.3	0.3
6480	8:08:22	0.031	0.031	0.3	0.3	0.3
6540	8:09:22	0.031	0.031	0.3	0.3	0.3

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6600	8:10:22	0.039	0.031	0.3	0.4	0.3
6660	8:11:22	0.036	0.030	0.3	0.4	0.3
6720	8:12:22	0.034	0.030	0.3	0.4	0.3
6780	8:13:22	0.032	0.035	0.3	0.3	0.3
6840	8:14:22	0.031	0.035	0.3	0.3	0.3
6900	8:15:22	0.029	0.035	0.3	0.3	0.3
6960	8:16:22	0.029	0.036	0.3	0.3	0.3
7020	8:17:22	0.03	0.037	0.2	0.3	0.3
7080	8:18:22	0.029	0.038	0.2	0.3	0.3
7140	8:19:22	0.029	0.038	0.2	0.3	0.3
7200	8:20:22	0.029	0.039	0.3	0.3	0.3
7260	8:21:22	0.029	0.039	0.3	0.3	0.3
7320	8:22:22	0.03	0.040	0.2	0.3	0.3
7380	8:23:22	0.028	0.041	0.2	0.3	0.3
7440	8:24:22	0.029	0.042	0.3	0.3	0.3
7500	8:25:22	0.029	0.043	0.3	0.3	0.3
7560	8:26:22	0.029	0.044	0.3	0.3	0.3
7620	8:27:22	0.119	0.046	0.3	0.4	0.3
7680	8:28:22	0.029	0.038	0.3	0.3	0.4
7740	8:29:22	0.029	0.039	0.3	0.3	0.4
7800	8:30:22	0.044	0.041	0.3	0.3	0.4
7860	8:31:22	0.041	0.040	0.3	0.4	0.4
7920	8:32:22	0.04	0.040	0.4	0.4	0.4
7980	8:33:22	0.037	0.040	0.4	0.5	0.4
8040	8:34:22	0.036	0.041	0.4	0.5	0.4
8100	8:35:22	0.038	0.042	0.3	0.4	0.4
8160	8:36:22	0.047	0.045	0.4	0.5	0.4
8220	8:37:22	0.042	0.042	0.4	0.5	0.4

**CAMP Station
CHA - 2**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/15/19 6:38 AM						
60	6:38:14	0.195	0.104	0.1	0.1	0.047
120	6:39:14	0.091	0.092	0.1	0.1	0.040
180	6:40:14	0.056	0.086	0.1	0.1	0.033
240	6:41:14	0.372	0.083	0.1	0.1	0.027
300	6:42:14	0.247	0.058	0.1	0.1	0.020
360	6:43:14	0.172	0.042	0.1	0.1	0.013
420	6:44:14	0.116	0.031	0.1	0.1	0.007
480	6:45:14	0.087	0.023	0	0.1	0.000
540	6:46:14	0.064	0.017	0	0.1	0.000
600	6:47:14	0.045	0.013	0	0.1	0.000
660	6:48:14	0.037	0.010	0	0.1	0.000
720	6:49:14	0.029	0.007	0	0	0.000
780	6:50:14	0.022	0.005	0	0	0.000
840	6:51:14	0.015	0.004	0	0	0.000
900	6:52:14	0.012	0.003	0	0	0.007
960	6:53:14	0.009	0.002	0	0.1	0.013
1020	6:54:14	0.008	0.002	0	0	0.013
1080	6:55:14	0.005	0.002	0	0	0.013
1140	6:56:14	0.004	0.003	0	0	0.013
1200	6:57:14	0.003	0.004	0	0	0.013
1260	6:58:14	0.002	0.005	0	0	0.013
1320	6:59:14	0.001	0.006	0	0	0.013
1380	7:00:14	0.001	0.007	0	0	0.020
1440	7:01:14	0	0.008	0	0	0.027
1500	7:02:14	0	0.009	0	0	0.033
1560	7:03:14	0	0.010	0	0	0.040
1620	7:04:14	0	0.010	0	0.1	0.047
1680	7:05:14	0	0.011	0	0	0.053
1740	7:06:14	0	0.011	0.1	0.1	0.060
1800	7:07:14	0	0.012	0.1	0.1	0.060
1860	7:08:14	0.006	0.013	0	0.1	0.060
1920	7:09:14	0.011	0.014	0	0.1	0.067
1980	7:10:14	0.011	0.014	0	0.1	0.073
2040	7:11:14	0.024	0.014	0	0.1	0.080
2100	7:12:14	0.014	0.013	0	0.1	0.087
2160	7:13:14	0.029	0.013	0	0.1	0.093
2220	7:14:14	0.015	0.012	0.1	0.1	0.100
2280	7:15:14	0.013	0.011	0.1	0.1	0.100
2340	7:16:14	0.012	0.011	0.1	0.1	0.100
2400	7:17:14	0.01	0.011	0.1	0.1	0.100
2460	7:18:14	0.009	0.012	0.1	0.1	0.100
2520	7:19:14	0.008	0.012	0.1	0.1	0.100
2580	7:20:14	0.009	0.012	0.1	0.1	0.100
2640	7:21:14	0.013	0.012	0.1	0.1	0.100
2700	7:22:14	0.017	0.012	0.1	0.1	0.100
2760	7:23:14	0.016	0.012	0.1	0.1	0.100
2820	7:24:14	0.016	0.014	0.1	0.1	0.100
2880	7:25:14	0.012	0.014	0.1	0.1	0.100
2940	7:26:14	0.009	0.016	0.1	0.1	0.100
3000	7:27:14	0.009	0.017	0.1	0.1	0.100
3060	7:28:14	0.009	0.018	0.1	0.1	0.100
3120	7:29:14	0.01	0.018	0.1	0.1	0.100
3180	7:30:14	0.01	0.018	0.1	0.1	0.100

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3240	7:31:14	0.014	0.018	0.1	0.1	0.100
3300	7:32:14	0.013	0.018	0.1	0.1	0.100
3360	7:33:14	0.013	0.018	0.1	0.1	0.100
3420	7:34:14	0.012	0.018	0.1	0.1	0.100
3480	7:35:14	0.01	0.017	0.1	0.1	0.100
3540	7:36:14	0.009	0.017	0.1	0.1	0.100
3600	7:37:14	0.013	0.017	0.1	0.1	0.100
3660	7:38:14	0.048	0.018	0.1	0.1	0.100
3720	7:39:14	0.026	0.015	0.1	0.1	0.100
3780	7:40:14	0.029	0.015	0.1	0.1	0.100
3840	7:41:14	0.027	0.014	0.1	0.1	0.100
3900	7:42:14	0.021	0.013	0.1	0.1	0.100
3960	7:43:14	0.017	0.013	0.1	0.1	0.100
4020	7:44:14	0.013	0.013	0.1	0.1	0.100
4080	7:45:14	0.01	0.012	0.1	0.1	0.100
4140	7:46:14	0.014	0.012	0.1	0.1	0.100
4200	7:47:14	0.01	0.012	0.1	0.1	0.100
4260	7:48:14	0.008	0.013	0.1	0.1	0.100
4320	7:49:14	0.007	0.013	0.1	0.1	0.100
4380	7:50:14	0.009	0.013	0.1	0.1	0.100
4440	7:51:14	0.009	0.013	0.1	0.1	0.100
4500	7:52:14	0.019	0.013	0.1	0.1	0.100
4560	7:53:14	0.011	0.014	0.1	0.1	0.100
4620	7:54:14	0.016	0.014	0.1	0.1	0.100
4680	7:55:14	0.014	0.014	0.1	0.1	0.100
4740	7:56:14	0.018	0.013	0.1	0.1	0.100
4800	7:57:14	0.024	0.012	0.1	0.1	0.100
4860	7:58:14	0.008	0.011	0.1	0.1	0.100
4920	7:59:14	0.007	0.011	0.1	0.1	0.100
4980	8:00:14	0.007	0.011	0.1	0.1	0.107
5040	8:01:14	0.02	0.011	0.1	0.1	0.113
5100	8:02:14	0.015	0.011	0.1	0.1	0.120
5160	8:03:14	0.007	0.011	0.1	0.1	0.127
5220	8:04:14	0.015	0.012	0.1	0.1	0.133
5280	8:05:14	0.012	0.012	0.1	0.1	0.140
5340	8:06:14	0.009	0.013	0.1	0.1	0.147
5400	8:07:14	0.027	0.015	0.1	0.1	0.153
5460	8:08:14	0.013	0.015	0.1	0.1	0.160
5520	8:09:14	0.009	0.015	0.1	0.1	0.167
5580	8:10:14	0.006	0.015	0.1	0.2	0.173
5640	8:11:14	0.006	0.015	0.1	0.2	0.180
5700	8:12:14	0.006	0.016	0.1	0.2	0.187
5760	8:13:14	0.005	0.017	0.1	0.2	0.193
5820	8:14:14	0.006	0.017	0.2	0.2	0.200
5880	8:15:14	0.006	0.017	0.2	0.2	0.200
5940	8:16:14	0.019	0.018	0.2	0.2	0.200
6000	8:17:14	0.025	0.017	0.2	0.2	0.200
6060	8:18:14	0.013	0.016	0.2	0.2	0.200
6120	8:19:14	0.016	0.016	0.2	0.2	0.200
6180	8:20:14	0.027	0.015	0.2	0.2	0.200
6240	8:21:14	0.042	0.014	0.2	0.2	0.200
6300	8:22:14	0.026	0.013	0.2	0.2	0.200
6360	8:23:14	0.015	0.013	0.2	0.2	0.200
6420	8:24:14	0.009	0.013	0.2	0.2	0.200
6480	8:25:14	0.009	0.013	0.2	0.2	0.200

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6540	8:26:14	0.022	0.014	0.2	0.2	0.200
6600	8:27:14	0.014	0.014	0.2	0.2	0.200
6660	8:28:14	0.01	0.014	0.2	0.2	0.200
6720	8:29:14	0.009	0.013	0.2	0.2	0.200
6780	8:30:14	0.013	0.013	0.2	0.2	0.200
6840	8:31:14	0.011	0.013	0.2	0.2	0.200
6900	8:32:14	0.007	0.012	0.2	0.2	0.200
6960	8:33:14	0.007	0.012	0.2	0.2	0.200
7020	8:34:14	0.006	0.013	0.2	0.2	0.200
7080	8:35:14	0.017	0.014	0.2	0.2	0.200
7140	8:36:14	0.018	0.015	0.2	0.2	0.200
7200	8:37:14	0.022	0.015	0.2	0.2	0.200
7260	8:38:14	0.023	0.014	0.2	0.2	0.207
7320	8:39:14	0.009	0.013	0.2	0.2	0.207
7380	8:40:14	0.016	0.013	0.2	0.2	0.213
7440	8:41:14	0.029	0.013	0.2	0.2	0.220
7500	8:42:14	0.007	0.012	0.2	0.2	0.227
7560	8:43:14	0.006	0.012	0.2	0.2	0.233
7620	8:44:14	0.007	0.012	0.2	0.2	0.240
7680	8:45:14	0.007	0.012	0.2	0.2	0.247
7740	8:46:14	0.005	0.012	0.2	0.2	0.253
7800	8:47:14	0.007	0.013	0.2	0.2	0.260
7860	8:48:14	0.011	0.013	0.2	0.2	0.267
7920	8:49:14	0.026	0.014	0.2	0.3	0.273
7980	8:50:14	0.036	0.013	0.2	0.3	0.280
8040	8:51:14	0.015	0.011	0.2	0.3	0.287
8100	8:52:14	0.009	0.010	0.3	0.3	0.293
8160	8:53:14	0.006	0.010	0.2	0.3	0.293
8220	8:54:14	0.014	0.010	0.3	0.3	0.300
8280	8:55:14	0.014	0.009	0.3	0.3	0.300
8340	8:56:14	0.006	0.009	0.3	0.3	0.300
8400	8:57:14	0.007	0.009	0.3	0.3	0.300
8460	8:58:14	0.009	0.009	0.3	0.3	0.300
8520	8:59:14	0.005	0.009	0.3	0.3	0.300
8580	9:00:14	0.011	0.009	0.3	0.3	0.300
8640	9:01:14	0.015	0.009	0.3	0.3	0.300
8700	9:02:14	0.014	0.010	0.3	0.3	0.300
8760	9:03:14	0.016	0.011	0.3	0.3	0.300
8820	9:04:14	0.022	0.010	0.3	0.3	0.300
8880	9:05:14	0.004	0.009	0.3	0.3	0.300
8940	9:06:14	0.003	0.010	0.3	0.3	0.300
9000	9:07:14	0.004	0.010	0.3	0.3	0.300
9060	9:08:14	0.004	0.010	0.3	0.3	0.300
9120	9:09:14	0.004	0.010	0.3	0.3	0.300
9180	9:10:14	0.007	0.010	0.3	0.3	0.300
9240	9:11:14	0.014	0.010	0.3	0.3	0.300
9300	9:12:14	0.007	0.009	0.3	0.3	0.300
9360	9:13:14	0.009	0.009	0.3	0.3	0.300
9420	9:14:14	0.004	0.008	0.3	0.3	0.300
9480	9:15:14	0.004	0.008	0.3	0.3	0.300
9540	9:16:14	0.033	0.008	0.3	0.3	0.300
9600	9:17:14	0.023	0.009	0.3	0.3	0.300
9660	9:18:14	0.015	0.014	0.3	0.3	0.300
9720	9:19:14	0.007	0.020	0.3	0.3	0.300
9780	9:20:14	0.008	0.024	0.3	0.3	0.300

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9840	9:21:14	0.007	0.027	0.3	0.3	0.300
9900	9:22:14	0.003	0.033	0.3	0.3	0.300
9960	9:23:14	0.003	0.038	0.3	0.3	0.300
10020	9:24:14	0.003	0.044	0.3	0.3	0.300
10080	9:25:14	0.003	0.047	0.3	0.3	0.300
10140	9:26:14	0.003	0.048	0.3	0.3	0.300
10200	9:27:14	0.003	0.050	0.3	0.3	0.300
10260	9:28:14	0.004	0.050	0.3	0.3	0.300
10320	9:29:14	0.004	0.054	0.3	0.3	0.300
10380	9:30:14	0.003	0.056	0.3	0.3	0.300
10440	9:31:14	0.052	0.058	0.3	0.3	0.300
10500	9:32:14	0.091	0.055	0.3	0.3	0.300
10560	9:33:14	0.113	0.057	0.3	0.4	0.300
10620	9:34:14	0.063	0.052	0.3	0.4	0.300
10680	9:35:14	0.044	0.049	0.3	0.4	0.300
10740	9:36:14	0.101	0.047	0.3	0.3	0.300
10800	9:37:14	0.08	0.042	0.3	0.3	0.300
10860	9:38:14	0.091	0.037	0.3	0.3	0.300
10920	9:39:14	0.047	0.031	0.3	0.4	0.300
10980	9:40:14	0.025	0.028	0.3	0.4	0.300
11040	9:41:14	0.027	0.029	0.3	0.3	0.300
11100	9:42:14	0.012	0.028	0.3	0.3	0.300
11160	9:43:14	0.054	0.028	0.3	0.3	0.307
11220	9:44:14	0.041	0.026	0.3	0.3	0.307
11280	9:45:14	0.023	0.024	0.3	0.4	0.307
11340	9:46:14	0.007	0.025	0.3	0.4	0.307
11400	9:47:14	0.13	0.026	0.3	0.3	0.307
11460	9:48:14	0.041	0.018	0.3	0.3	0.313
11520	9:49:14	0.009	0.017	0.3	0.3	0.313
11580	9:50:14	0.013	0.017	0.3	0.4	0.313
11640	9:51:14	0.023	0.016	0.3	0.3	0.313
11700	9:52:14	0.006	0.015	0.3	0.3	0.313
11760	9:53:14	0.007	0.015	0.3	0.4	0.313
11820	9:54:14	0.006	0.017	0.3	0.4	0.313
11880	9:55:14	0.035	0.018	0.3	0.4	0.313
11940	9:56:14	0.015	0.017	0.3	0.4	0.313
12000	9:57:14	0.017	0.017	0.4	0.4	0.313
12060	9:58:14	0.021	0.016	0.3	0.4	0.307
12120	9:59:14	0.008	0.015	0.3	0.4	0.307
12180	10:00:14	0.042	0.015	0.3	0.3	0.307
12240	10:01:14	0.019	0.013	0.3	0.4	0.307
12300	10:02:14	0.004	0.012	0.4	0.4	0.307
12360	10:03:14	0.025	0.012	0.3	0.4	0.300
12420	10:04:14	0.011	0.010	0.3	0.3	0.300
12480	10:05:14	0.004	0.010	0.3	0.4	0.300
12540	10:06:14	0.003	0.010	0.3	0.4	0.300
12600	10:07:14	0.004	0.012	0.3	0.4	0.300
12660	10:08:14	0.041	0.016	0.3	0.3	0.300
12720	10:09:14	0.026	0.019	0.3	0.4	0.300
12780	10:10:14	0.009	0.026	0.3	0.4	0.300
12840	10:11:14	0.018	0.027	0.3	0.4	0.300
12900	10:12:14	0.01	0.026	0.3	0.4	0.300
12960	10:13:14	0.004	0.026	0.3	0.4	0.300
13020	10:14:14	0.005	0.026	0.3	0.4	0.300
13080	10:15:14	0.005	0.026	0.3	0.3	0.300

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
13140	10:16:14	0.004	0.027	0.3	0.4	0.300
13200	10:17:14	0.005	0.031	0.3	0.3	0.300
13260	10:18:14	0.004	0.031	0.3	0.3	0.300
13320	10:19:14	0.004	0.034	0.3	0.3	0.300
13380	10:20:14	0.009	0.034	0.3	0.4	0.300
13440	10:21:14	0.038	0.034	0.3	0.3	0.300
13500	10:22:14	0.056	0.032	0.3	0.3	0.300
13560	10:23:14	0.089	0.030	0.3	0.4	0.300
13620	10:24:14	0.131	0.029	0.3	0.4	0.300
13680	10:25:14	0.018	0.022	0.3	0.3	0.300
13740	10:26:14	0.004	0.025	0.3	0.3	0.300
13800	10:27:14	0.013	0.027	0.3	0.3	0.300
13860	10:28:14	0.005	0.028	0.3	0.3	0.300
13920	10:29:14	0.004	0.028	0.3	0.3	0.300
13980	10:30:14	0.017	0.031	0.3	0.3	0.300
14040	10:31:14	0.061	0.034	0.3	0.3	0.300
14100	10:32:14	0.015	0.031	0.3	0.3	0.300
14160	10:33:14	0.043	0.031	0.3	0.3	0.300
14220	10:34:14	0.012	0.031	0.3	0.3	0.300
14280	10:35:14	0.004	0.031	0.3	0.3	0.300
14340	10:36:14	0.005	0.034	0.3	0.3	0.300
14400	10:37:14	0.028	0.035	0.3	0.3	0.300
14460	10:38:14	0.07	0.035	0.3	0.3	0.300
14520	10:39:14	0.026	0.032	0.3	0.3	0.300
14580	10:40:14	0.071	0.031	0.3	0.3	0.300
14640	10:41:14	0.024	0.031	0.3	0.3	0.300
14700	10:42:14	0.034	0.031	0.3	0.3	0.300
14760	10:43:14	0.006	0.034	0.3	0.3	0.300
14820	10:44:14	0.052	0.034	0.3	0.3	0.300
14880	10:45:14	0.054	0.036	0.3	0.3	0.300
14940	10:46:14	0.028	0.034	0.3	0.3	0.300
15000	10:47:14	0.009	0.036	0.3	0.3	0.300
15060	10:48:14	0.035	0.037	0.3	0.3	0.300
15120	10:49:14	0.018	0.037	0.3	0.3	0.300
15180	10:50:14	0.043	0.037	0.3	0.3	0.300
15240	10:51:14	0.02	0.035	0.3	0.3	0.300
15300	10:52:14	0.039	0.036	0.3	0.3	0.300
15360	10:53:14	0.014	0.035	0.3	0.3	0.300
15420	10:54:14	0.025	0.035	0.3	0.3	0.300
15480	10:55:14	0.07	0.035	0.3	0.3	0.300
15540	10:56:14	0.019	0.031	0.3	0.3	0.300
15600	10:57:14	0.072	0.033	0.3	0.4	0.300
15660	10:58:14	0.011	0.030	0.3	0.3	0.300
15720	10:59:14	0.079	0.033	0.3	0.3	0.300
15780	11:00:14	0.033	0.032	0.3	0.3	0.300
15840	11:01:14	0.053	0.034	0.3	0.3	0.300
15900	11:02:14	0.025	0.045	0.3	0.3	0.300
15960	11:03:14	0.031	0.056	0.3	0.3	0.300
16020	11:04:14	0.027	0.055	0.3	0.3	0.300
16080	11:05:14	0.004	0.055	0.3	0.3	0.307
16140	11:06:14	0.035	0.055	0.3	0.3	0.307
16200	11:07:14	0.031	0.055	0.3	0.3	0.307
16260	11:08:14	0.01	0.055	0.3	0.4	0.313
16320	11:09:14	0.021	0.056	0.3	0.4	0.320
16380	11:10:14	0.014	0.055	0.3	0.3	0.327

CAMP Station
CHA - 2

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
16440	11:11:14	0.042	0.057	0.3	0.3	0.327
16500	11:12:14	0.036	0.056	0.3	0.3	0.327
16560	11:13:14	0.057	0.055	0.3	0.4	0.333
16620	11:14:14	0.055	0.054	0.3	0.4	0.340
16680	11:15:14	0.073	0.056	0.3	0.4	0.340
16740	11:16:14	0.208	0.057	0.3	0.4	0.347
16800	11:17:14	0.193	0.045	0.3	0.3	0.347
16860	11:18:14	0.025	0.036	0.3	0.4	0.347
16920	11:19:14	0.015	0.038	0.4	0.4	0.347
16980	11:20:14	0.017	0.051	0.3	0.4	0.340
17040	11:21:14	0.023	0.054	0.3	0.4	0.340
17100	11:22:14	0.029	0.056	0.4	0.4	0.340
17160	11:23:14	0.028	0.054	0.4	0.4	0.333
17220	11:24:14	0.011	0.055	0.4	0.4	0.327
17280	11:25:14	0.04	0.055	0.3	0.4	0.320
17340	11:26:14	0.025	0.053	0.3	0.4	0.320
17400	11:27:14	0.028	0.052	0.4	0.4	0.320
17460	11:28:14	0.036	0.051	0.4	0.4	0.313
17520	11:29:14	0.09	0.049	0.3	0.4	0.307
17580	11:30:14	0.093	0.045	0.4	0.4	0.307
17640	11:31:14	0.022	0.040	0.3	0.4	0.300
17700	11:32:14	0.052	0.040	0.3	0.3	0.300
17760	11:33:14	0.062	0.038	0.3	0.3	0.300
17820	11:34:14	0.209	0.034	0.3	0.4	0.300
17880	11:35:14	0.069	0.025	0.3	0.4	0.300
17940	11:36:14	0.039	0.024	0.3	0.4	0.300
18000	11:37:14	0.009	0.022	0.3	0.3	0.300
18060	11:38:14	0.042	0.022	0.3	0.3	0.300
18120	11:39:14	0.011	0.023	0.3	0.3	0.300
18180	11:40:14	0.011	0.024	0.3	0.4	0.300
18240	11:41:14	0.011	0.024	0.3	0.3	0.300
18300	11:42:14	0.012	0.025	0.3	0.3	0.300
18360	11:43:14	0.008	0.025	0.3	0.3	0.300
18420	11:44:14	0.02	0.025	0.3	0.3	0.300
18480	11:45:14	0.019	0.025	0.3	0.3	0.300
18540	11:46:14	0.024	0.026	0.3	0.3	0.300
18600	11:47:14	0.026	0.026	0.3	0.3	0.300
18660	11:48:14	0.004	0.026	0.3	0.3	0.300
18720	11:49:14	0.072	0.028	0.3	0.3	0.300
18780	11:50:14	0.055	0.023	0.3	0.3	0.300
18840	11:51:14	0.006	0.019	0.3	0.3	0.300
18900	11:52:14	0.016	0.021	0.3	0.3	0.300
18960	11:53:14	0.054	0.022	0.3	0.3	0.300
19020	11:54:14	0.029	0.015	0.3	0.3	0.300
19080	11:55:14	0.01	0.012	0.3	0.4	0.300
19140	11:56:14	0.021	0.012	0.3	0.3	0.300
19200	11:57:14	0.008	0.008	0.3	0.3	0.300
19260	11:58:14	0.008	0.008	0.3	0.3	0.300

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/24/19 8:02 AM						
60	8:02:37	0.011	0.012	1.3	1.3	0.4
120	8:03:37	0.01	0.012	1.1	1.3	0.3
180	8:04:37	0.011	0.012	0.4	0.7	0.2
240	8:05:37	0.009	0.012	0.3	0.3	0.2
300	8:06:37	0.008	0.012	0.2	0.3	0.2
360	8:07:37	0.008	0.012	0.2	0.2	0.2
420	8:08:37	0.009	0.012	0.2	0.2	0.2
480	8:09:37	0.01	0.012	0.2	0.2	0.2
540	8:10:37	0.01	0.012	0.2	0.2	0.2
600	8:11:37	0.009	0.012	0.2	0.2	0.2
660	8:12:37	0.01	0.012	0.2	0.2	0.2
720	8:13:37	0.01	0.012	0.2	0.2	0.2
780	8:14:37	0.042	0.012	0.2	0.2	0.2
840	8:15:37	0.01	0.010	0.2	0.2	0.2
900	8:16:37	0.011	0.010	0.2	0.2	0.2
960	8:17:37	0.011	0.009	0.2	0.2	0.2
1020	8:18:37	0.009	0.009	0.2	0.2	0.2
1080	8:19:37	0.008	0.009	0.2	0.2	0.2
1140	8:20:37	0.011	0.010	0.2	0.2	0.2
1200	8:21:37	0.009	0.010	0.2	0.2	0.2
1260	8:22:37	0.008	0.010	0.2	0.2	0.2
1320	8:23:37	0.015	0.010	0.2	0.2	0.2
1380	8:24:37	0.009	0.009	0.2	0.2	0.2
1440	8:25:37	0.008	0.009	0.2	0.2	0.2
1500	8:26:37	0.008	0.010	0.2	0.2	0.2
1560	8:27:37	0.008	0.010	0.2	0.2	0.2
1620	8:28:37	0.013	0.010	0.2	0.2	0.2
1680	8:29:37	0.008	0.009	0.2	0.2	0.2
1740	8:30:37	0.009	0.009	0.2	0.2	0.2
1800	8:31:37	0.008	0.010	0.2	0.2	0.2
1860	8:32:37	0.009	0.010	0.2	0.2	0.2
1920	8:33:37	0.008	0.010	0.2	0.2	0.2
1980	8:34:37	0.014	0.010	0.2	0.2	0.2
2040	8:35:37	0.01	0.011	0.2	0.2	0.2
2100	8:36:37	0.008	0.012	0.2	0.2	0.2
2160	8:37:37	0.01	0.013	0.2	0.2	0.2
2220	8:38:37	0.01	0.015	0.2	0.2	0.2
2280	8:39:37	0.011	0.015	0.2	0.2	0.2
2340	8:40:37	0.01	0.014	0.2	0.2	0.2
2400	8:41:37	0.008	0.014	0.2	0.2	0.2
2460	8:42:37	0.009	0.014	0.2	0.2	0.2
2520	8:43:37	0.009	0.014	0.2	0.2	0.2
2580	8:44:37	0.009	0.015	0.2	0.2	0.2
2640	8:45:37	0.011	0.015	0.2	0.2	0.2
2700	8:46:37	0.008	0.014	0.2	0.2	0.2
2760	8:47:37	0.008	0.014	0.2	0.2	0.2
2820	8:48:37	0.008	0.015	0.2	0.2	0.2
2880	8:49:37	0.033	0.017	0.2	0.2	0.2
2940	8:50:37	0.031	0.015	0.2	0.2	0.2
3000	8:51:37	0.016	0.013	0.2	0.2	0.2
3060	8:52:37	0.039	0.013	0.2	0.2	0.2
3120	8:53:37	0.009	0.011	0.2	0.2	0.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	8:54:37	0.009	0.011	0.2	0.2	0.2
3240	8:55:37	0.008	0.010	0.2	0.2	0.2
3300	8:56:37	0.008	0.010	0.2	0.2	0.2
3360	8:57:37	0.01	0.010	0.2	0.2	0.2
3420	8:58:37	0.012	0.010	0.2	0.2	0.2
3480	8:59:37	0.009	0.010	0.2	0.2	0.2
3540	9:00:37	0.008	0.010	0.2	0.2	0.2
3600	9:01:37	0.009	0.010	0.2	0.2	0.2
3660	9:02:37	0.021	0.010	0.2	0.2	0.2
3720	9:03:37	0.026	0.009	0.2	0.2	0.2
3780	9:04:37	0.008	0.008	0.2	0.2	0.2
3840	9:05:37	0.008	0.008	0.2	0.4	0.2
3900	9:06:37	0.008	0.008	0.4	0.9	0.2
3960	9:07:37	0.007	0.009	0.2	0.3	0.2
4020	9:08:37	0.008	0.011	0.2	0.2	0.2
4080	9:09:37	0.007	0.011	0.2	0.2	0.2
4140	9:10:37	0.008	0.011	0.2	0.2	0.2
4200	9:11:37	0.008	0.011	0.2	0.2	0.2
4260	9:12:37	0.009	0.011	0.2	0.2	0.2
4320	9:13:37	0.009	0.012	0.2	0.2	0.2
4380	9:14:37	0.008	0.012	0.2	0.2	0.2
4440	9:15:37	0.008	0.012	0.2	0.2	0.2
4500	9:16:37	0.01	0.012	0.2	0.2	0.2
4560	9:17:37	0.008	0.012	0.2	0.2	0.2
4620	9:18:37	0.009	0.012	0.2	0.2	0.2
4680	9:19:37	0.009	0.012	0.2	0.2	0.2
4740	9:20:37	0.01	0.012	0.2	0.2	0.2
4800	9:21:37	0.014	0.012	0.2	0.2	0.2
4860	9:22:37	0.039	0.011	0.2	0.2	0.2
4920	9:23:37	0.008	0.009	0.2	0.3	0.2
4980	9:24:37	0.009	0.009	0.2	0.2	0.2
5040	9:25:37	0.012	0.009	0.4	1.2	0.2
5100	9:26:37	0.01	0.009	0.3	0.3	0.2
5160	9:27:37	0.01	0.009	0.2	0.3	0.2
5220	9:28:37	0.011	0.009	0.2	0.2	0.2
5280	9:29:37	0.009	0.009	0.2	0.2	0.2
5340	9:30:37	0.009	0.009	0.2	0.2	0.2
5400	9:31:37	0.009	0.008	0.2	0.2	0.2
5460	9:32:37	0.009	0.008	0.2	0.2	0.2
5520	9:33:37	0.008	0.008	0.2	0.2	0.2
5580	9:34:37	0.008	0.009	0.2	0.2	0.2
5640	9:35:37	0.009	0.009	0.2	0.2	0.2
5700	9:36:37	0.008	0.009	0.2	0.2	0.3
5760	9:37:37	0.009	0.009	0.2	0.2	0.3
5820	9:38:37	0.008	0.009	0.2	0.2	0.3
5880	9:39:37	0.009	0.009	0.2	0.2	0.3
5940	9:40:37	0.009	0.010	0.2	0.2	0.3
6000	9:41:37	0.009	0.010	0.2	0.2	0.3
6060	9:42:37	0.008	0.010	0.2	0.2	0.3
6120	9:43:37	0.008	0.011	0.3	0.4	0.3
6180	9:44:37	0.008	0.012	0.3	0.3	0.3
6240	9:45:37	0.007	0.012	0.3	0.3	0.3
6300	9:46:37	0.01	0.013	0.3	0.3	0.3

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6360	9:47:37	0.009	0.013	0.3	0.3	0.3
6420	9:48:37	0.009	0.014	0.3	0.3	0.3
6480	9:49:37	0.012	0.015	0.3	0.3	0.3
6540	9:50:37	0.008	0.014	0.3	0.3	0.3
6600	9:51:37	0.013	0.014	0.3	0.3	0.3
6660	9:52:37	0.011	0.014	0.3	0.3	0.3
6720	9:53:37	0.012	0.014	0.3	0.3	0.3
6780	9:54:37	0.011	0.014	0.3	0.3	0.3
6840	9:55:37	0.008	0.014	0.3	0.3	0.3
6900	9:56:37	0.009	0.018	0.3	0.3	0.3
6960	9:57:37	0.025	0.018	0.3	0.3	0.3
7020	9:58:37	0.023	0.018	0.3	0.3	0.3
7080	9:59:37	0.015	0.017	0.3	0.3	0.3
7140	10:00:37	0.016	0.018	0.3	0.3	0.3
7200	10:01:37	0.015	0.018	0.3	0.3	0.3
7260	10:02:37	0.029	0.018	0.3	0.3	0.3
7320	10:03:37	0.011	0.017	0.3	0.3	0.4
7380	10:04:37	0.01	0.017	0.3	0.3	0.4
7440	10:05:37	0.009	0.018	0.3	0.3	0.4
7500	10:06:37	0.009	0.020	0.3	0.3	0.4
7560	10:07:37	0.01	0.020	0.3	0.3	0.4
7620	10:08:37	0.01	0.021	0.3	0.3	0.4
7680	10:09:37	0.011	0.021	0.3	0.3	0.4
7740	10:10:37	0.07	0.021	0.3	0.3	0.4
7800	10:11:37	0.014	0.018	0.3	0.3	0.4
7860	10:12:37	0.011	0.020	0.3	0.3	0.4
7920	10:13:37	0.016	0.022	0.5	1.1	0.4
7980	10:14:37	0.028	0.022	0.7	1.2	0.4
8040	10:15:37	0.019	0.020	0.3	0.4	0.4
8100	10:16:37	0.014	0.020	0.4	0.7	0.4
8160	10:17:37	0.01	0.020	0.5	0.7	0.4
8220	10:18:37	0.013	0.020	0.6	0.9	0.4
8280	10:19:37	0.026	0.020	0.3	0.4	0.4
8340	10:20:37	0.036	0.019	0.3	0.3	0.4
8400	10:21:37	0.016	0.018	0.3	0.4	0.4
8460	10:22:37	0.027	0.017	0.3	0.4	0.4
8520	10:23:37	0.011	0.016	0.7	1.4	0.4
8580	10:24:37	0.011	0.017	0.4	0.5	0.4
8640	10:25:37	0.011	0.017	0.5	0.7	0.4
8700	10:26:37	0.058	0.017	0.3	0.4	0.3
8760	10:27:37	0.032	0.014	0.3	0.3	0.3
8820	10:28:37	0.011	0.013	0.3	0.3	0.3
8880	10:29:37	0.012	0.013	0.3	0.4	0.3
8940	10:30:37	0.011	0.014	0.9	1.4	0.3
9000	10:31:37	0.014	0.014	0.4	0.7	0.3
9060	10:32:37	0.012	0.014	0.3	0.4	0.3
9120	10:33:37	0.013	0.014	0.3	0.3	0.3
9180	10:34:37	0.014	0.014	0.3	0.3	0.3
9240	10:35:37	0.012	0.014	0.3	0.3	0.3
9300	10:36:37	0.012	0.014	0.3	0.3	0.3
9360	10:37:37	0.012	0.015	0.3	0.3	0.3
9420	10:38:37	0.014	0.015	0.3	0.3	0.3
9480	10:39:37	0.015	0.015	0.3	0.3	0.3

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9540	10:40:37	0.017	0.015	0.3	0.3	0.3
9600	10:41:37	0.016	0.015	0.3	0.3	0.3
9660	10:42:37	0.014	0.015	0.3	0.3	0.3
9720	10:43:37	0.014	0.015	0.3	0.3	0.3
9780	10:44:37	0.014	0.015	0.3	0.3	0.3
9840	10:45:37	0.014	0.015	0.3	0.3	0.3
9900	10:46:37	0.015	0.016	0.3	0.3	0.3
9960	10:47:37	0.014	0.016	0.3	0.3	0.3
10020	10:48:37	0.014	0.016	0.3	0.3	0.3
10080	10:49:37	0.015	0.016	0.3	0.3	0.3
10140	10:50:37	0.015	0.016	0.3	0.3	0.3
10200	10:51:37	0.015	0.016	0.3	0.3	0.3
10260	10:52:37	0.016	0.016	0.3	0.3	0.3
10320	10:53:37	0.015	0.017	0.3	0.3	0.3
10380	10:54:37	0.015	0.017	0.3	0.3	0.3
10440	10:55:37	0.016	0.017	0.3	0.3	0.3
10500	10:56:37	0.017	0.017	0.3	0.3	0.3
10560	10:57:37	0.018	0.017	0.3	0.3	0.3
10620	10:58:37	0.016	0.017	0.3	0.3	0.3
10680	10:59:37	0.016	0.017	0.3	0.3	0.3
10740	11:00:37	0.017	0.017	0.3	0.3	0.3
10800	11:01:37	0.017	0.017	0.3	0.3	0.3
10860	11:02:37	0.017	0.016	0.3	0.3	0.3
10920	11:03:37	0.016	0.016	0.3	0.3	0.3
10980	11:04:37	0.018	0.016	0.3	0.3	0.3
11040	11:05:37	0.016	0.016	0.3	0.3	0.3
11100	11:06:37	0.017	0.016	0.3	0.3	0.3
11160	11:07:37	0.017	0.016	0.3	0.3	0.3
11220	11:08:37	0.016	0.017	0.3	0.3	0.3
11280	11:09:37	0.017	0.017	0.3	0.3	0.3
11340	11:10:37	0.016	0.017	0.3	0.3	0.3
11400	11:11:37	0.016	0.017	0.3	0.3	0.3
11460	11:12:37	0.016	0.017	0.3	0.3	0.2
11520	11:13:37	0.017	0.018	0.3	0.3	0.2
11580	11:14:37	0.016	0.018	0.3	0.3	0.2
11640	11:15:37	0.016	0.018	0.3	0.3	0.2
11700	11:16:37	0.015	0.018	0.3	0.3	0.2
11760	11:17:37	0.016	0.018	0.3	0.3	0.2
11820	11:18:37	0.016	0.018	0.3	0.3	0.2
11880	11:19:37	0.017	0.018	0.2	0.3	0.2
11940	11:20:37	0.017	0.019	0.2	0.2	0.2
12000	11:21:37	0.018	0.019	0.2	0.2	0.2
12060	11:22:37	0.019	0.019	0.2	0.3	0.2
12120	11:23:37	0.017	0.020	0.2	0.2	0.2
12180	11:24:37	0.017	0.020	0.2	0.2	0.2
12240	11:25:37	0.026	0.020	0.2	0.2	0.2
12300	11:26:37	0.019	0.020	0.2	0.2	0.2
12360	11:27:37	0.017	0.021	0.2	0.2	0.3
12420	11:28:37	0.019	0.021	0.2	0.2	0.3
12480	11:29:37	0.018	0.021	0.2	0.2	0.3
12540	11:30:37	0.017	0.021	0.2	0.2	0.3
12600	11:31:37	0.019	0.021	0.2	0.2	0.3
12660	11:32:37	0.017	0.020	0.2	0.2	0.3

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12720	11:33:37	0.017	0.020	0.2	0.3	0.3
12780	11:34:37	0.022	0.020	0.3	0.3	0.3
12840	11:35:37	0.02	0.020	0.3	0.3	0.3
12900	11:36:37	0.026	0.020	0.3	0.3	0.3
12960	11:37:37	0.022	0.020	0.3	0.3	0.3
13020	11:38:37	0.023	0.019	0.3	0.3	0.3
13080	11:39:37	0.024	0.019	0.3	0.3	0.3
13140	11:40:37	0.026	0.019	0.3	0.3	0.3
13200	11:41:37	0.024	0.018	0.3	0.3	0.3
13260	11:42:37	0.017	0.018	0.3	0.3	0.3
13320	11:43:37	0.016	0.018	0.3	0.3	0.3
13380	11:44:37	0.018	0.018	0.3	0.3	0.3
13440	11:45:37	0.018	0.018	0.3	0.3	0.3
13500	11:46:37	0.016	0.018	0.3	0.3	0.3
13560	11:47:37	0.017	0.018	0.3	0.3	0.3
13620	11:48:37	0.018	0.018	0.3	0.3	0.3
13680	11:49:37	0.019	0.019	0.3	0.3	0.3
13740	11:50:37	0.018	0.019	0.3	0.3	0.3
13800	11:51:37	0.019	0.019	0.3	0.3	0.3
13860	11:52:37	0.018	0.019	0.3	0.3	0.3
13920	11:53:37	0.019	0.019	0.3	0.3	0.3
13980	11:54:37	0.018	0.019	0.3	0.3	0.3
14040	11:55:37	0.018	0.019	0.3	0.3	0.3
14100	11:56:37	0.019	0.019	0.3	0.3	0.3
14160	11:57:37	0.018	0.019	0.3	0.3	0.3
14220	11:58:37	0.019	0.019	0.3	0.3	0.3
14280	11:59:37	0.018	0.019	0.3	0.3	0.3
14340	12:00:37	0.018	0.019	0.3	0.3	0.3
14400	12:01:37	0.018	0.019	0.3	0.3	0.2
14460	12:02:37	0.019	0.020	0.3	0.3	0.2
14520	12:03:37	0.02	0.020	0.3	0.3	0.2
14580	12:04:37	0.02	0.020	0.3	0.3	0.2
14640	12:05:37	0.019	0.020	0.3	0.3	0.2
14700	12:06:37	0.02	0.020	0.3	0.3	0.2
14760	12:07:37	0.02	0.020	0.3	0.3	0.2
14820	12:08:37	0.02	0.020	0.2	0.2	0.2
14880	12:09:37	0.019	0.019	0.2	0.2	0.2
14940	12:10:37	0.019	0.019	0.2	0.2	0.2
15000	12:11:37	0.019	0.019	0.2	0.2	0.2
15060	12:12:37	0.02	0.019	0.2	0.2	0.2
15120	12:13:37	0.02	0.019	0.2	0.2	0.2
15180	12:14:37	0.019	0.019	0.2	0.2	0.2
15240	12:15:37	0.02	0.019	0.2	0.2	0.2
15300	12:16:37	0.02	0.019	0.2	0.2	0.2
15360	12:17:37	0.02	0.019	0.2	0.2	0.2
15420	12:18:37	0.023	0.019	0.2	0.2	0.2
15480	12:19:37	0.019	0.019	0.2	0.2	0.2
15540	12:20:37	0.018	0.019	0.2	0.2	0.2
15600	12:21:37	0.018	0.019	0.2	0.2	0.2
15660	12:22:37	0.019	0.019	0.2	0.2	0.2
15720	12:23:37	0.019	0.019	0.2	0.2	0.2
15780	12:24:37	0.019	0.019	0.2	0.2	0.2
15840	12:25:37	0.018	0.019	0.2	0.2	0.2

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	12:26:37	0.018	0.019	0.2	0.2	0.2
15960	12:27:37	0.019	0.019	0.2	0.2	0.2
16020	12:28:37	0.018	0.020	0.2	0.2	0.2
16080	12:29:37	0.018	0.020	0.2	0.2	0.2
16140	12:30:37	0.019	0.020	0.2	0.2	0.2
16200	12:31:37	0.019	0.020	0.2	0.2	0.2
16260	12:32:37	0.019	0.020	0.2	0.2	0.2
16320	12:33:37	0.019	0.020	0.2	0.2	0.2
16380	12:34:37	0.019	0.020	0.2	0.2	0.2
16440	12:35:37	0.019	0.020	0.2	0.2	0.2
16500	12:36:37	0.019	0.020	0.2	0.2	0.2
16560	12:37:37	0.019	0.020	0.2	0.2	0.2
16620	12:38:37	0.021	0.020	0.2	0.2	0.2
16680	12:39:37	0.022	0.020	0.2	0.2	0.2
16740	12:40:37	0.02	0.020	0.2	0.2	0.2
16800	12:41:37	0.022	0.020	0.2	0.2	0.2
16860	12:42:37	0.021	0.020	0.2	0.2	0.2
16920	12:43:37	0.021	0.019	0.2	0.2	0.2
16980	12:44:37	0.02	0.019	0.2	0.2	0.2
17040	12:45:37	0.021	0.019	0.2	0.2	0.2
17100	12:46:37	0.019	0.019	0.2	0.2	0.2
17160	12:47:37	0.019	0.019	0.2	0.2	0.2
17220	12:48:37	0.019	0.019	0.2	0.2	0.2
17280	12:49:37	0.019	0.019	0.2	0.2	0.2
17340	12:50:37	0.019	0.020	0.2	0.2	0.2
17400	12:51:37	0.02	0.020	0.2	0.2	0.2
17460	12:52:37	0.021	0.019	0.2	0.2	0.2
17520	12:53:37	0.019	0.019	0.2	0.2	0.2
17580	12:54:37	0.018	0.019	0.2	0.2	0.2
17640	12:55:37	0.019	0.019	0.2	0.2	0.2
17700	12:56:37	0.019	0.019	0.2	0.2	0.2
17760	12:57:37	0.018	0.019	0.2	0.2	0.2
17820	12:58:37	0.018	0.020	0.2	0.2	0.2
17880	12:59:37	0.02	0.020	0.2	0.2	0.2
17940	13:00:37	0.02	0.020	0.2	0.2	0.2
18000	13:01:37	0.019	0.020	0.2	0.2	0.2
18060	13:02:37	0.021	0.020	0.2	0.2	0.2
18120	13:03:37	0.021	0.020	0.2	0.2	0.2
18180	13:04:37	0.021	0.020	0.2	0.2	0.2
18240	13:05:37	0.019	0.020	0.2	0.2	0.2
18300	13:06:37	0.019	0.020	0.2	0.2	0.2
18360	13:07:37	0.019	0.020	0.2	0.2	0.2
18420	13:08:37	0.018	0.020	0.2	0.2	0.2
18480	13:09:37	0.018	0.020	0.2	0.2	0.2
18540	13:10:37	0.018	0.020	0.2	0.2	0.2
18600	13:11:37	0.022	0.020	0.2	0.2	0.2
18660	13:12:37	0.029	0.020	0.2	0.2	0.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
18720	13:13:37	0.021	0.019	0.2	0.2	0.2
18780	13:14:37	0.019	0.019	0.2	0.2	0.2
18840	13:15:37	0.019	0.019	0.2	0.2	0.2
18900	13:16:37	0.019	0.019	0.2	0.2	0.2
18960	13:17:37	0.019	0.019	0.2	0.2	0.2
19020	13:18:37	0.019	0.019	0.2	0.2	0.2
19080	13:19:37	0.018	0.019	0.2	0.2	0.2
19140	13:20:37	0.019	0.019	0.2	0.2	0.2
19200	13:21:37	0.018	0.019	0.2	0.2	0.2
19260	13:22:37	0.019	0.019	0.2	0.2	0.2
19320	13:23:37	0.019	0.019	0.2	0.2	0.2
19380	13:24:37	0.019	0.019	0.2	0.2	0.2
19440	13:25:37	0.019	0.019	0.2	0.2	0.2
19500	13:26:37	0.019	0.019	0.2	0.2	0.2
19560	13:27:37	0.02	0.019	0.2	0.2	0.2
19620	13:28:37	0.02	0.019	0.2	0.2	0.2
19680	13:29:37	0.02	0.019	0.2	0.4	0.2
19740	13:30:37	0.019	0.019	0.2	0.2	0.2
19800	13:31:37	0.022	0.019	0.2	0.2	0.2
19860	13:32:37	0.021	0.019	0.2	0.2	0.2
19920	13:33:37	0.019	0.019	0.2	0.2	0.2
19980	13:34:37	0.019	0.019	0.2	0.2	0.2
20040	13:35:37	0.018	0.019	0.2	0.2	0.2
20100	13:36:37	0.018	0.019	0.2	0.2	0.2
20160	13:37:37	0.019	0.019	0.2	0.2	0.2
20220	13:38:37	0.018	0.019	0.2	0.2	0.2
20280	13:39:37	0.019	0.019	0.2	0.2	0.2
20340	13:40:37	0.019	0.019	0.2	0.2	0.2
20400	13:41:37	0.019	0.019	0.2	0.2	0.2
20460	13:42:37	0.019	0.019	0.2	0.2	0.2
20520	13:43:37	0.02	0.018	0.2	0.2	0.2
20580	13:44:37	0.019	0.018	0.2	0.2	0.2
20640	13:45:37	0.019	0.018	0.2	0.2	0.2
20700	13:46:37	0.018	0.018	0.2	0.2	0.2
20760	13:47:37	0.019	0.018	0.2	0.2	0.2
20820	13:48:37	0.018	0.019	0.2	0.2	0.2
20880	13:49:37	0.018	0.019	0.2	0.2	0.2
20940	13:50:37	0.018	0.019	0.2	0.2	0.2
21000	13:51:37	0.018	0.019	0.2	0.2	0.2
21060	13:52:37	0.018	0.019	0.2	0.2	0.2
21120	13:53:37	0.018	0.019	0.2	0.2	0.2
21180	13:54:37	0.019	0.019	0.2	0.2	0.2
21240	13:55:37	0.019	0.019	0.2	0.2	0.2
21300	13:56:37	0.018	0.019	0.2	0.2	0.2
21360	13:57:37	0.018	0.019	0.2	0.2	0.2
21420	13:58:37	0.018	0.019	0.2	0.2	0.2
21480	13:59:37	0.018	0.019	0.2	0.2	0.2
21540	14:00:37	0.02	0.020	0.2	0.2	0.2
21600	14:01:37	0.019	0.019	0.2	0.2	0.2
21660	14:02:37	0.021	0.020	0.2	0.2	0.2
21720	14:03:37	0.018	0.019	0.2	0.2	0.2
21780	14:04:37	0.019	0.020	0.2	0.2	0.2
21840	14:05:37	0.02	0.020	0.2	0.2	0.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/25/19 6:38 AM						
60	6:38:05	0.033	0.034	0.0	0.1	0.0
120	6:39:05	0.033	0.034	0.0	0.0	0.0
180	6:40:05	0.033	0.034	0.0	0.0	0.0
240	6:41:05	0.034	0.034	0.0	0.0	0.0
300	6:42:05	0.034	0.034	0.0	0.0	0.0
360	6:43:05	0.035	0.034	0.0	0.0	0.0
420	6:44:05	0.034	0.034	0.0	0.0	0.0
480	6:45:05	0.034	0.034	0.0	0.0	0.0
540	6:46:05	0.034	0.034	0.0	0.0	0.0
600	6:47:05	0.034	0.034	0.0	0.0	0.0
660	6:48:05	0.034	0.034	0.0	0.0	0.0
720	6:49:05	0.034	0.035	0.0	0.0	0.0
780	6:50:05	0.034	0.035	0.0	0.0	0.0
840	6:51:05	0.034	0.035	0.0	0.1	0.0
900	6:52:05	0.035	0.035	0.0	0.0	0.0
960	6:53:05	0.034	0.035	0.0	0.0	0.0
1020	6:54:05	0.034	0.035	0.0	0.0	0.0
1080	6:55:05	0.034	0.034	0.0	0.0	0.0
1140	6:56:05	0.034	0.035	0.0	0.0	0.0
1200	6:57:05	0.034	0.035	0.0	0.0	0.0
1260	6:58:05	0.035	0.035	0.0	0.0	0.0
1320	6:59:05	0.036	0.035	0.0	0.0	0.0
1380	7:00:05	0.035	0.034	0.0	0.0	0.0
1440	7:01:05	0.034	0.033	0.0	0.0	0.0
1500	7:02:05	0.035	0.032	0.0	0.0	0.0
1560	7:03:05	0.036	0.031	0.0	0.0	0.0
1620	7:04:05	0.035	0.032	0.0	0.0	0.0
1680	7:05:05	0.035	0.030	0.0	0.0	0.0
1740	7:06:05	0.034	0.029	0.0	0.0	0.0
1800	7:07:05	0.034	0.028	0.0	0.0	0.0
1860	7:08:05	0.033	0.028	0.0	0.0	0.0
1920	7:09:05	0.033	0.027	0.0	0.0	0.1
1980	7:10:05	0.041	0.027	0.1	1.0	0.1
2040	7:11:05	0.031	0.025	0.0	0.2	0.1
2100	7:12:05	0.033	0.023	0.0	0.0	0.1
2160	7:13:05	0.033	0.022	0.0	0.0	0.1
2220	7:14:05	0.026	0.020	0.0	0.0	0.1
2280	7:15:05	0.022	0.019	0.0	0.0	0.1
2340	7:16:05	0.021	0.018	0.0	0.0	0.1
2400	7:17:05	0.021	0.017	0.0	0.0	0.1
2460	7:18:05	0.041	0.016	0.4	3.3	0.1
2520	7:19:05	0.016	0.016	0.1	0.5	0.0
2580	7:20:05	0.016	0.015	0.0	0.0	0.1
2640	7:21:05	0.016	0.015	0.0	0.0	0.1
2700	7:22:05	0.041	0.014	0.0	0.5	0.1
2760	7:23:05	0.015	0.012	0.2	0.9	0.1
2820	7:24:05	0.025	0.011	0.0	0.0	0.1
2880	7:25:05	0.015	0.010	0.3	1.5	0.1
2940	7:26:05	0.01	0.010	0.0	0.0	0.0
3000	7:27:05	0.009	0.009	0.0	0.0	0.0
3060	7:28:05	0.01	0.009	0.1	0.7	0.0
3120	7:29:05	0.009	0.009	0.0	0.1	0.0

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	7:30:05	0.008	0.009	0.0	0.0	0.0
3240	7:31:05	0.008	0.009	0.0	0.0	0.0
3300	7:32:05	0.007	0.009	0.0	0.0	0.0
3360	7:33:05	0.036	0.009	0.0	0.0	0.0
3420	7:34:05	0.007	0.007	0.6	3.1	0.0
3480	7:35:05	0.007	0.007	0.0	0.1	0.0
3540	7:36:05	0.007	0.007	0.0	0.0	0.0
3600	7:37:05	0.007	0.007	0.0	0.0	0.0
3660	7:38:05	0.006	0.007	0.0	0.0	0.0
3720	7:39:05	0.007	0.007	0.0	0.0	0.0
3780	7:40:05	0.007	0.007	0.0	0.0	0.0
3840	7:41:05	0.006	0.007	0.0	0.0	0.0
3900	7:42:05	0.006	0.007	0.0	0.0	0.0
3960	7:43:05	0.007	0.006	0.0	0.0	0.0
4020	7:44:05	0.007	0.006	0.0	0.0	0.0
4080	7:45:05	0.01	0.006	0.0	0.0	0.0
4140	7:46:05	0.008	0.006	0.0	0.2	0.0
4200	7:47:05	0.007	0.006	0.0	0.0	0.0
4260	7:48:05	0.007	0.006	0.0	0.0	0.0
4320	7:49:05	0.006	0.005	0.0	0.0	0.0
4380	7:50:05	0.007	0.005	0.0	0.0	0.0
4440	7:51:05	0.005	0.005	0.0	0.0	0.0
4500	7:52:05	0.005	0.005	0.0	0.0	0.0
4560	7:53:05	0.006	0.008	0.0	0.0	0.0
4620	7:54:05	0.006	0.008	0.0	0.0	0.0
4680	7:55:05	0.006	0.010	0.0	0.0	0.0
4740	7:56:05	0.005	0.013	0.0	0.0	0.1
4800	7:57:05	0.005	0.015	0.0	0.0	0.1
4860	7:58:05	0.005	0.015	0.0	0.0	0.1
4920	7:59:05	0.006	0.016	0.0	0.0	0.1
4980	8:00:05	0.005	0.017	0.0	0.0	0.2
5040	8:01:05	0.005	0.017	0.0	0.0	0.2
5100	8:02:05	0.005	0.017	0.0	0.0	0.3
5160	8:03:05	0.005	0.018	0.0	0.0	0.3
5220	8:04:05	0.005	0.018	0.0	0.0	0.4
5280	8:05:05	0.006	0.018	0.0	0.0	0.4
5340	8:06:05	0.005	0.018	0.0	0.0	0.4
5400	8:07:05	0.041	0.018	0.0	0.0	0.5
5460	8:08:05	0.012	0.015	0.6	2.0	0.5
5520	8:09:05	0.039	0.015	0.0	0.1	0.5
5580	8:10:05	0.043	0.013	0.3	0.6	0.6
5640	8:11:05	0.032	0.011	0.2	0.3	0.6
5700	8:12:05	0.007	0.009	0.5	1.1	0.6
5760	8:13:05	0.031	0.009	0.6	1.3	0.6
5820	8:14:05	0.019	0.007	0.8	1.5	0.6

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
5880	8:15:05	0.005	0.007	0.6	0.6	0.6
5940	8:16:05	0.006	0.007	0.5	0.5	0.6
6000	8:17:05	0.007	0.007	0.6	0.6	0.6
6060	8:18:05	0.005	0.007	0.6	0.6	0.6
6120	8:19:05	0.006	0.007	0.6	0.6	0.6
6180	8:20:05	0.006	0.007	0.6	0.6	0.6
6240	8:21:05	0.006	0.007	0.6	0.6	0.6
6300	8:22:05	0.006	0.007	0.6	0.6	0.6
6360	8:23:05	0.006	0.007	0.6	0.6	0.6
6420	8:24:05	0.013	0.007	0.6	0.7	0.6
6480	8:25:05	0.007	0.006	0.6	0.9	0.6
6540	8:26:05	0.006	0.006	0.6	0.6	0.6
6600	8:27:05	0.007	0.006	0.6	0.6	0.6
6660	8:28:05	0.006	0.006	0.6	0.6	0.6
6720	8:29:05	0.007	0.006	0.6	0.6	0.6
6780	8:30:05	0.007	0.006	0.6	0.6	0.6
6840	8:31:05	0.005	0.006	0.6	0.6	0.6
6900	8:32:05	0.005	0.006	0.6	0.6	0.6
6960	8:33:05	0.007	0.006	0.6	0.6	0.6
7020	8:34:05	0.006	0.006	0.6	0.6	0.6
7080	8:35:05	0.006	0.006	0.6	0.6	0.6
7140	8:36:05	0.006	0.006	0.6	0.6	0.6
7200	8:37:05	0.006	0.006	0.6	0.6	0.6
7260	8:38:05	0.006	0.006	0.6	0.6	0.6
7320	8:39:05	0.006	0.006	0.6	0.6	0.6
7380	8:40:05	0.006	0.006	0.6	0.6	0.6
7440	8:41:05	0.006	0.006	0.6	0.6	0.6
7500	8:42:05	0.006	0.006	0.6	0.6	0.6
7560	8:43:05	0.006	0.006	0.6	0.6	0.6
7620	8:44:05	0.006	0.006	0.6	0.6	0.6
7680	8:45:05	0.006	0.006	0.6	0.6	0.6
7740	8:46:05	0.007	0.006	0.6	0.6	0.6
7800	8:47:05	0.007	0.006	0.6	0.6	0.6
7860	8:48:05	0.007	0.006	0.6	0.6	0.6
7920	8:49:05	0.007	0.006	0.6	0.6	0.6
7980	8:50:05	0.009	0.006	0.6	0.9	0.6
8040	8:51:05	0.006	0.007	0.6	0.9	0.6
8100	8:52:05	0.006	0.007	0.6	0.6	0.6
8160	8:53:05	0.006	0.007	0.6	0.6	0.5
8220	8:54:05	0.006	0.007	0.6	0.6	0.5
8280	8:55:05	0.006	0.007	0.6	0.6	0.5
8340	8:56:05	0.006	0.007	0.6	0.6	0.5
8400	8:57:05	0.006	0.007	0.6	0.6	0.5
8460	8:58:05	0.006	0.007	0.6	0.6	0.5
8520	8:59:05	0.006	0.008	0.5	0.6	0.5
8580	9:00:05	0.006	0.008	0.5	0.6	0.5
8640	9:01:05	0.007	0.008	0.5	0.6	0.5

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
8700	9:02:05	0.007	0.008	0.5	0.6	0.5
8760	9:03:05	0.007	0.008	0.5	0.6	0.5
8820	9:04:05	0.007	0.008	0.5	0.6	0.5
8880	9:05:05	0.015	0.008	0.6	0.9	0.5
6/25/2019 restarted 09:06 (replaced enclosures)						
60	9:06:51	0.008	0.007	0.5	0.7	0.4
120	9:07:51	0.007	0.007	0.3	0.3	0.4
180	9:08:51	0.007	0.007	0.3	0.3	0.5
240	9:09:51	0.008	0.007	0.4	0.4	0.5
300	9:10:51	0.007	0.007	0.4	0.4	0.5
360	9:11:51	0.007	0.007	0.4	0.4	0.5
420	9:12:51	0.007	0.007	0.4	0.4	0.5
480	9:13:51	0.007	0.007	0.5	0.5	0.5
540	9:14:51	0.007	0.007	0.5	0.5	0.5
600	9:15:51	0.007	0.008	0.5	0.5	0.5
660	9:16:51	0.008	0.008	0.5	0.5	0.5
720	9:17:51	0.009	0.008	0.5	0.5	0.5
780	9:18:51	0.007	0.008	0.5	0.5	0.5
840	9:19:51	0.007	0.008	0.5	0.5	0.5
900	9:20:51	0.007	0.008	0.5	0.5	0.5
960	9:21:51	0.007	0.010	0.5	0.5	0.5
1020	9:22:51	0.007	0.010	0.5	0.5	0.5
1080	9:23:51	0.008	0.010	0.5	0.5	0.5
1140	9:24:51	0.008	0.010	0.5	0.5	0.5
1200	9:25:51	0.007	0.010	0.5	0.5	0.5
1260	9:26:51	0.008	0.011	0.5	0.5	0.5
1320	9:27:51	0.008	0.011	0.5	0.5	0.5
1380	9:28:51	0.007	0.011	0.5	0.5	0.5
1440	9:29:51	0.008	0.011	0.5	0.5	0.5
1500	9:30:51	0.007	0.011	0.5	0.5	0.6
1560	9:31:51	0.016	0.012	0.5	0.5	0.6
1620	9:32:51	0.008	0.011	0.6	0.8	0.6
1680	9:33:51	0.008	0.011	0.5	0.6	0.5
1740	9:34:51	0.008	0.011	0.5	0.5	0.5
1800	9:35:51	0.034	0.011	0.5	0.5	0.5
1860	9:36:51	0.012	0.009	0.5	0.5	0.5
1920	9:37:51	0.008	0.009	0.8	1.6	0.5
1980	9:38:51	0.009	0.009	0.5	0.6	0.5
2040	9:39:51	0.008	0.009	0.5	0.5	0.5
2100	9:40:51	0.019	0.010	0.5	0.5	0.5
2160	9:41:51	0.009	0.010	0.7	1.3	0.5
2220	9:42:51	0.01	0.010	0.6	0.6	0.5
2280	9:43:51	0.008	0.009	0.5	0.5	0.5
2340	9:44:51	0.008	0.010	0.6	0.7	0.5
2400	9:45:51	0.008	0.010	0.5	0.6	0.5
2460	9:46:51	0.008	0.010	0.5	0.5	0.5
2520	9:47:51	0.008	0.010	0.5	0.5	0.5
2580	9:48:51	0.009	0.010	0.5	0.5	0.5
2640	9:49:51	0.009	0.010	0.5	0.5	0.5
2700	9:50:51	0.008	0.011	0.5	0.5	0.5
2760	9:51:51	0.008	0.011	0.5	0.5	0.5
2820	9:52:51	0.009	0.011	0.5	0.5	0.5
2880	9:53:51	0.009	0.011	0.5	0.5	0.5

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
2940	9:54:51	0.023	0.012	0.5	0.5	0.5
3000	9:55:51	0.009	0.011	0.5	0.5	0.6
3060	9:56:51	0.009	0.012	0.7	1.7	0.6
3120	9:57:51	0.009	0.012	0.5	0.6	0.5
3180	9:58:51	0.009	0.012	0.5	0.5	0.5
3240	9:59:51	0.012	0.012	0.5	0.5	0.5
3300	10:00:51	0.01	0.012	0.5	0.6	0.5
3360	10:01:51	0.01	0.012	0.6	0.7	0.5
3420	10:02:51	0.012	0.012	0.5	0.6	0.5
3480	10:03:51	0.011	0.012	0.6	0.7	0.5
3540	10:04:51	0.01	0.012	0.5	0.6	0.5
3600	10:05:51	0.01	0.013	0.6	0.7	0.5
3660	10:06:51	0.015	0.013	0.5	0.5	0.5
3720	10:07:51	0.012	0.013	0.5	0.6	0.5
3780	10:08:51	0.023	0.013	0.7	0.9	0.6
3840	10:09:51	0.011	0.012	0.6	1.0	0.5
3900	10:10:51	0.011	0.012	0.6	0.8	0.5
3960	10:11:51	0.011	0.012	0.5	0.5	0.5
4020	10:12:51	0.011	0.012	0.5	0.5	0.5
4080	10:13:51	0.013	0.012	0.5	0.5	0.5
4140	10:14:51	0.011	0.012	0.5	0.5	0.5
4200	10:15:51	0.011	0.012	0.5	0.5	0.5
4260	10:16:51	0.01	0.012	0.6	0.7	0.5
4320	10:17:51	0.011	0.013	0.5	0.5	0.5
4380	10:18:51	0.012	0.013	0.5	0.5	0.5
4440	10:19:51	0.016	0.013	0.5	0.5	0.5
4500	10:20:51	0.017	0.013	0.6	0.9	0.5
4560	10:21:51	0.012	0.014	0.6	1.0	0.5
4620	10:22:51	0.011	0.014	0.7	1.4	0.6
4680	10:23:51	0.018	0.014	0.5	0.6	0.6
4740	10:24:51	0.011	0.014	0.6	1.0	0.6
4800	10:25:51	0.011	0.014	0.6	0.9	0.6
4860	10:26:51	0.011	0.014	0.5	0.5	0.5
4920	10:27:51	0.012	0.014	0.5	0.5	0.5
4980	10:28:51	0.011	0.014	0.5	0.5	0.5
5040	10:29:51	0.011	0.014	0.5	0.5	0.5
5100	10:30:51	0.013	0.014	0.5	0.5	0.5
5160	10:31:51	0.011	0.014	0.5	0.7	0.5
5220	10:32:51	0.015	0.014	0.5	0.6	0.5
5280	10:33:51	0.012	0.014	0.5	0.6	0.5
5340	10:34:51	0.021	0.014	0.5	0.5	0.5
5400	10:35:51	0.032	0.013	0.5	0.5	0.5
5460	10:36:51	0.012	0.012	0.9	2.0	0.5
5520	10:37:51	0.012	0.012	0.7	1.5	0.5
5580	10:38:51	0.011	0.012	0.6	0.7	0.5
5640	10:39:51	0.012	0.012	0.5	0.5	0.5
5700	10:40:51	0.013	0.012	0.5	0.5	0.5
5760	10:41:51	0.012	0.012	0.5	0.6	0.5
5820	10:42:51	0.012	0.012	0.5	0.5	0.5
5880	10:43:51	0.013	0.012	0.5	0.5	0.5
5940	10:44:51	0.011	0.012	0.5	0.6	0.5
6000	10:45:51	0.011	0.012	0.5	0.5	0.5
6060	10:46:51	0.012	0.012	0.5	0.5	0.5

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6120	10:47:51	0.011	0.012	0.5	0.5	0.5
6180	10:48:51	0.012	0.012	0.5	0.5	0.5
6240	10:49:51	0.012	0.012	0.5	0.5	0.5
6300	10:50:51	0.012	0.012	0.5	0.5	0.5
6360	10:51:51	0.013	0.012	0.5	0.5	0.5
6420	10:52:51	0.012	0.012	0.5	0.5	0.5
6480	10:53:51	0.011	0.012	0.5	0.5	0.5
6540	10:54:51	0.015	0.012	0.5	0.5	0.5
6600	10:55:51	0.012	0.012	0.5	0.5	0.5
6660	10:56:51	0.011	0.012	0.5	0.5	0.5
6720	10:57:51	0.011	0.012	0.5	0.5	0.5
6780	10:58:51	0.011	0.012	0.5	0.5	0.5
6840	10:59:51	0.014	0.012	0.5	0.5	0.5
6900	11:00:51	0.011	0.012	0.6	0.9	0.5
6960	11:01:51	0.011	0.012	0.5	0.6	0.5
7020	11:02:51	0.012	0.012	0.5	0.5	0.5
7080	11:03:51	0.015	0.012	0.5	0.5	0.5
7140	11:04:51	0.013	0.012	0.6	0.7	0.5
7200	11:05:51	0.012	0.012	0.6	0.8	0.5
7260	11:06:51	0.011	0.012	0.5	0.7	0.5
7320	11:07:51	0.012	0.012	0.6	0.7	0.6
7380	11:08:51	0.011	0.012	0.5	0.5	0.6
7440	11:09:51	0.011	0.012	0.5	0.5	0.6
7500	11:10:51	0.013	0.012	0.5	0.5	0.6
7560	11:11:51	0.012	0.014	0.5	0.6	0.6
7620	11:12:51	0.011	0.014	0.6	0.6	0.6
7680	11:13:51	0.011	0.014	0.5	0.5	0.6
7740	11:14:51	0.011	0.014	0.5	0.5	0.7
7800	11:15:51	0.012	0.014	0.5	0.6	0.7
7860	11:16:51	0.012	0.014	0.6	0.6	0.7
7920	11:17:51	0.012	0.014	0.6	0.6	0.7
7980	11:18:51	0.011	0.014	0.6	0.6	0.7
8040	11:19:51	0.014	0.015	0.6	0.6	0.7
8100	11:20:51	0.012	0.015	0.6	0.8	0.7
8160	11:21:51	0.013	0.015	0.6	0.6	0.7
8220	11:22:51	0.012	0.015	0.6	1.1	0.7
8280	11:23:51	0.012	0.015	0.6	1.0	0.7
8340	11:24:51	0.012	0.015	0.6	0.6	0.7
8400	11:25:51	0.039	0.015	0.6	0.6	0.7
8460	11:26:51	0.014	0.014	0.6	0.6	0.7
8520	11:27:51	0.012	0.013	1.5	4.8	0.7
8580	11:28:51	0.012	0.014	0.7	0.7	0.6
8640	11:29:51	0.013	0.014	0.6	0.6	0.6
8700	11:30:51	0.013	0.014	0.6	0.6	0.6
8760	11:31:51	0.014	0.014	0.6	0.6	0.6
8820	11:32:51	0.012	0.014	0.6	0.6	0.6
8880	11:33:51	0.021	0.014	0.6	0.6	0.6
8940	11:34:51	0.013	0.014	0.8	1.9	0.6
9000	11:35:51	0.013	0.014	0.6	0.7	0.6
9060	11:36:51	0.013	0.014	0.6	0.8	0.6
9120	11:37:51	0.013	0.014	0.6	0.6	0.6
9180	11:38:51	0.013	0.014	0.6	0.6	0.6
9240	11:39:51	0.013	0.014	0.6	0.6	0.6

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9300	11:40:51	0.014	0.014	0.5	0.6	0.6
9360	11:41:51	0.013	0.014	0.6	0.8	0.6
9420	11:42:51	0.013	0.014	0.6	0.8	0.6
9480	11:43:51	0.013	0.014	0.6	0.7	0.6
9540	11:44:51	0.019	0.014	0.5	0.6	0.6
9600	11:45:51	0.013	0.014	0.9	1.8	0.6
9660	11:46:51	0.014	0.014	0.6	0.7	0.6
9720	11:47:51	0.013	0.014	0.5	0.5	0.6
9780	11:48:51	0.013	0.014	0.6	0.7	0.6
9840	11:49:51	0.016	0.014	0.5	0.5	0.6
9900	11:50:51	0.013	0.014	0.7	1.1	0.6
9960	11:51:51	0.015	0.014	0.6	0.8	0.6
10020	11:52:51	0.014	0.014	0.6	1.2	0.6
10080	11:53:51	0.014	0.014	0.6	1.2	0.6
10140	11:54:51	0.014	0.015	0.5	0.6	0.6
10200	11:55:51	0.014	0.015	0.6	0.6	0.6
10260	11:56:51	0.014	0.015	0.6	0.6	0.6
10320	11:57:51	0.015	0.015	0.6	0.6	0.6
10380	11:58:51	0.014	0.015	0.5	0.5	0.6
10440	11:59:51	0.015	0.015	0.6	0.6	0.6
10500	12:00:51	0.014	0.015	0.6	0.9	0.6
10560	12:01:51	0.014	0.015	0.6	0.7	0.6
10620	12:02:51	0.015	0.015	0.6	0.7	0.6
10680	12:03:51	0.015	0.015	0.6	0.6	0.6
10740	12:04:51	0.015	0.015	0.6	0.7	0.6
10800	12:05:51	0.014	0.015	0.8	1.7	0.5
10860	12:06:51	0.015	0.015	0.6	0.6	0.5
10920	12:07:51	0.015	0.015	0.6	0.6	0.5
10980	12:08:51	0.015	0.015	0.5	0.6	0.5
11040	12:09:51	0.015	0.015	0.5	0.5	0.5
11100	12:10:51	0.014	0.015	0.5	0.5	0.5
11160	12:11:51	0.015	0.015	0.5	0.5	0.5
11220	12:12:51	0.015	0.015	0.5	0.7	0.5
11280	12:13:51	0.015	0.015	0.6	0.7	0.5
11340	12:14:51	0.015	0.016	0.6	1.1	0.5
11400	12:15:51	0.016	0.016	0.5	0.6	0.5
11460	12:16:51	0.015	0.016	0.5	0.5	0.5
11520	12:17:51	0.015	0.016	0.5	0.5	0.5
11580	12:18:51	0.015	0.016	0.5	0.5	0.5
11640	12:19:51	0.015	0.016	0.5	0.5	0.5
11700	12:20:51	0.015	0.016	0.5	0.5	0.5
11760	12:21:51	0.016	0.016	0.5	0.6	0.5
11820	12:22:51	0.016	0.016	0.5	0.6	0.5
11880	12:23:51	0.016	0.016	0.5	0.5	0.5
11940	12:24:51	0.016	0.016	0.6	0.9	0.5
12000	12:25:51	0.016	0.016	0.5	0.5	0.5
12060	12:26:51	0.016	0.016	0.5	0.5	0.5
12120	12:27:51	0.015	0.016	0.5	0.5	0.5
12180	12:28:51	0.016	0.016	0.5	0.5	0.5
12240	12:29:51	0.016	0.020	0.5	0.5	0.5
12300	12:30:51	0.016	0.021	0.5	0.5	0.5
12360	12:31:51	0.016	0.021	0.5	0.5	0.5
12420	12:32:51	0.016	0.023	0.5	0.5	0.5

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12480	12:33:51	0.016	0.023	0.5	0.5	0.6
12540	12:34:51	0.017	0.024	0.5	0.5	0.6
12600	12:35:51	0.016	0.024	0.5	0.5	0.6
12660	12:36:51	0.016	0.024	0.5	0.5	0.6
12720	12:37:51	0.016	0.024	0.5	0.5	0.6
12780	12:38:51	0.016	0.024	0.5	0.5	0.6
12840	12:39:51	0.017	0.025	0.5	0.5	0.6
12900	12:40:51	0.016	0.025	0.5	0.7	0.6
12960	12:41:51	0.016	0.025	0.5	0.5	0.6
13020	12:42:51	0.016	0.025	0.5	0.5	0.6
13080	12:43:51	0.079	0.025	0.5	0.5	0.6
13140	12:44:51	0.031	0.021	0.5	0.5	0.6
13200	12:45:51	0.017	0.020	1.1	4.6	0.6
13260	12:46:51	0.046	0.020	0.6	0.6	0.5
13320	12:47:51	0.017	0.018	0.6	1.4	0.5
13380	12:48:51	0.02	0.018	0.7	1.3	0.5
13440	12:49:51	0.018	0.018	0.5	0.5	0.5
13500	12:50:51	0.018	0.018	0.5	0.5	0.5
13560	12:51:51	0.022	0.018	0.5	0.5	0.5
13620	12:52:51	0.018	0.018	0.5	0.7	0.5
13680	12:53:51	0.018	0.018	0.5	0.5	0.4
13740	12:54:51	0.018	0.018	0.5	0.5	0.4
13800	12:55:51	0.019	0.018	0.5	0.5	0.4
13860	12:56:51	0.018	0.018	0.5	0.5	0.4
13920	12:57:51	0.018	0.018	0.5	0.5	0.4
13980	12:58:51	0.018	0.018	0.5	0.5	0.4
14040	12:59:51	0.018	0.018	0.5	0.5	0.4
14100	13:00:51	0.018	0.018	0.4	0.5	0.4
14160	13:01:51	0.018	0.018	0.4	0.5	0.4
14220	13:02:51	0.018	0.018	0.4	0.4	0.4
14280	13:03:51	0.018	0.019	0.4	0.4	0.4
14340	13:04:51	0.018	0.019	0.4	0.4	0.4
14400	13:05:51	0.018	0.019	0.4	0.4	0.4
14460	13:06:51	0.018	0.019	0.4	0.4	0.4
14520	13:07:51	0.018	0.019	0.4	0.4	0.4
14580	13:08:51	0.018	0.019	0.4	0.4	0.4
14640	13:09:51	0.018	0.019	0.4	0.4	0.4
14700	13:10:51	0.018	0.019	0.4	0.4	0.4
14760	13:11:51	0.019	0.019	0.4	0.4	0.4
14820	13:12:51	0.019	0.019	0.4	0.4	0.4
14880	13:13:51	0.019	0.019	0.4	0.4	0.4
14940	13:14:51	0.019	0.019	0.4	0.4	0.4
15000	13:15:51	0.019	0.019	0.4	0.5	0.4
15060	13:16:51	0.02	0.019	0.4	0.4	0.4
15120	13:17:51	0.019	0.019	0.4	0.4	0.4
15180	13:18:51	0.02	0.020	0.4	0.4	0.4
15240	13:19:51	0.02	0.020	0.4	0.4	0.4
15300	13:20:51	0.019	0.020	0.4	0.5	0.4
15360	13:21:51	0.02	0.020	0.4	0.4	0.4
15420	13:22:51	0.019	0.020	0.4	0.5	0.4
15480	13:23:51	0.019	0.020	0.4	0.4	0.4
15540	13:24:51	0.018	0.020	0.4	0.4	0.4
15600	13:25:51	0.02	0.020	0.4	0.4	0.4

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15660	13:26:51	0.019	0.020	0.4	0.4	0.4
15720	13:27:51	0.019	0.020	0.4	0.4	0.4
15780	13:28:51	0.019	0.020	0.4	0.4	0.4
15840	13:29:51	0.019	0.020	0.4	0.4	0.4
15900	13:30:51	0.019	0.020	0.3	0.4	0.4
15960	13:31:51	0.022	0.020	0.3	0.4	0.4
16020	13:32:51	0.021	0.020	0.3	0.3	0.4
16080	13:33:51	0.02	0.020	0.4	0.5	0.4
16140	13:34:51	0.02	0.020	0.4	0.4	0.4
16200	13:35:51	0.024	0.020	0.4	0.4	0.4
16260	13:36:51	0.019	0.020	0.4	0.4	0.4
16320	13:37:51	0.025	0.020	0.6	1.7	0.4
16380	13:38:51	0.02	0.019	0.4	0.4	0.4
16440	13:39:51	0.019	0.020	0.4	0.5	0.4
16500	13:40:51	0.019	0.020	0.4	0.4	0.4
16560	13:41:51	0.019	0.020	0.4	0.4	0.4
16620	13:42:51	0.019	0.020	0.4	0.4	0.4
16680	13:43:51	0.02	0.020	0.3	0.4	0.4
16740	13:44:51	0.019	0.020	0.4	0.6	0.4
16800	13:45:51	0.02	0.020	0.4	0.4	0.4
16860	13:46:51	0.019	0.020	0.4	0.4	0.4
16920	13:47:51	0.019	0.020	0.4	0.4	0.4
16980	13:48:51	0.019	0.020	0.4	0.4	0.4
17040	13:49:51	0.019	0.020	0.4	0.4	0.4
17100	13:50:51	0.019	0.020	0.4	0.4	0.4
17160	13:51:51	0.019	0.021	0.4	0.4	0.4
17220	13:52:51	0.021	0.021	0.3	0.4	0.4
17280	13:53:51	0.033	0.021	0.4	0.4	0.4
17340	13:54:51	0.019	0.020	0.7	1.8	0.4
17400	13:55:51	0.019	0.020	0.4	0.5	0.4
17460	13:56:51	0.019	0.020	0.4	0.4	0.4
17520	13:57:51	0.02	0.020	0.4	0.4	0.4
17580	13:58:51	0.02	0.020	0.4	0.4	0.4
17640	13:59:51	0.021	0.020	0.4	0.4	0.4
17700	14:00:51	0.019	0.020	0.4	0.6	0.4
17760	14:01:51	0.019	0.020	0.4	0.4	0.4
17820	14:02:51	0.019	0.020	0.4	0.4	0.4
17880	14:03:51	0.019	0.020	0.4	0.4	0.4
17940	14:04:51	0.02	0.020	0.4	0.4	0.4
18000	14:05:51	0.022	0.020	0.4	0.4	0.4
18060	14:06:51	0.02	0.020	0.5	1.0	0.4

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
18120	14:07:51	0.02	0.020	0.4	0.4	0.3
18180	14:08:51	0.02	0.020	0.3	0.3	0.3
18240	14:09:51	0.019	0.020	0.3	0.3	0.3
18300	14:10:51	0.019	0.020	0.3	0.3	0.3
18360	14:11:51	0.019	0.020	0.4	0.5	0.3
18420	14:12:51	0.02	0.020	0.4	0.4	0.3
18480	14:13:51	0.019	0.021	0.3	0.3	0.3
18540	14:14:51	0.02	0.022	0.3	0.3	0.3
18600	14:15:51	0.02	0.022	0.4	0.9	0.3
18660	14:16:51	0.019	0.022	0.4	0.7	0.3
18720	14:17:51	0.02	0.022	0.4	0.5	0.3
18780	14:18:51	0.019	0.022	0.3	0.4	0.3
18840	14:19:51	0.019	0.023	0.3	0.3	0.3
18900	14:20:51	0.02	0.023	0.3	0.3	0.3
18960	14:21:51	0.02	0.023	0.3	0.3	0.3
19020	14:22:51	0.02	0.023	0.3	0.3	0.3
19080	14:23:51	0.026	0.023	0.3	0.3	0.3
19140	14:24:51	0.022	0.022	0.5	1.2	0.3
19200	14:25:51	0.022	0.022	0.3	0.4	0.3
19260	14:26:51	0.021	0.022	0.3	0.3	0.3
19320	14:27:51	0.021	0.022	0.3	0.4	0.3
19380	14:28:51	0.036	0.022	0.3	0.3	0.3
19440	14:29:51	0.024	0.021	0.4	0.9	0.3
19500	14:30:51	0.024	0.021	0.3	0.3	0.3
19560	14:31:51	0.022	0.021	0.3	0.3	0.3
19620	14:32:51	0.021	0.021	0.3	0.3	0.3
19680	14:33:51	0.021	0.021	0.3	0.4	0.3
19740	14:34:51	0.021	0.021	0.3	0.3	0.3
19800	14:35:51	0.021	0.021	0.3	0.3	0.3
19860	14:36:51	0.021	0.021	0.3	0.3	0.3
19920	14:37:51	0.02	0.021	0.3	0.3	0.3
19980	14:38:51	0.02	0.021	0.3	0.3	0.3
20040	14:39:51	0.02	0.021	0.3	0.3	0.3
20100	14:40:51	0.021	0.021	0.3	0.3	0.3
20160	14:41:51	0.021	0.021	0.3	0.3	0.3
20220	14:42:51	0.021	0.021	0.3	0.3	0.3
20280	14:43:51	0.021	0.020	0.3	0.3	0.3
20340	14:44:51	0.021	0.020	0.3	0.3	0.3
20400	14:45:51	0.021	0.020	0.3	0.3	0.3
20460	14:46:51	0.02	0.020	0.3	0.3	0.3
20520	14:47:51	0.02	0.020	0.3	0.3	0.3
20580	14:48:51	0.021	0.020	0.3	0.3	0.3
20640	14:49:51	0.021	0.020	0.3	0.3	0.3
20700	14:50:51	0.02	0.020	0.3	0.3	0.3
20760	14:51:51	0.02	0.020	0.3	0.3	0.3
20820	14:52:51	0.02	0.020	0.3	0.3	0.3
20880	14:53:51	0.02	0.021	0.3	0.3	0.3
20940	14:54:51	0.02	0.021	0.3	0.3	0.3
21000	14:55:51	0.021	0.021	0.3	0.3	0.3
21060	14:56:51	0.021	0.021	0.3	0.3	0.3
21120	14:57:51	0.02	0.021	0.3	0.3	0.3
21180	14:58:51	0.021	0.021	0.3	0.3	0.3

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/26/19 6:34 AM						
60	6:34:52	0.019	0.015	Dustrak started before the PID		
120	6:35:52	0.016	0.014			
180	6:36:52	0.015	0.014			
240	6:37:52	0.014	0.013			
300	6:38:52	0.014	0.013			
360	6:39:52	0.014	0.013			
420	6:40:52	0.02	0.012			
480	6:41:52	0.01	0.012			
540	6:42:52	0.008	0.012			
600	6:43:52	0.012	0.012			
660	6:44:52	0.039	0.012			
720	6:45:52	0.01	0.010	0.0	0.0	0.0
780	6:46:52	0.01	0.010	0.0	0.0	0.0
840	6:47:52	0.01	0.010	0.0	0.0	0.0
900	6:48:52	0.01	0.009	0.0	0.0	0.0
960	6:49:52	0.01	0.009	0.0	0.0	0.0
1020	6:50:52	0.01	0.009	0.0	0.0	0.0
1080	6:51:52	0.009	0.009	0.0	0.0	0.0
1140	6:52:52	0.009	0.009	0.0	0.0	0.0
1200	6:53:52	0.01	0.009	0.0	0.0	0.0
1260	6:54:52	0.01	0.009	0.0	0.0	0.0
1320	6:55:52	0.01	0.009	0.0	0.0	0.0
1380	6:56:52	0.009	0.009	0.0	0.0	0.0
1440	6:57:52	0.009	0.009	0.0	0.0	0.0
1500	6:58:52	0.009	0.009	0.0	0.0	0.0
1560	6:59:52	0.009	0.009	0.0	0.0	0.0
1620	7:00:52	0.009	0.009	0.0	0.0	0.0
1680	7:01:52	0.01	0.009	0.0	0.0	0.0
1740	7:02:52	0.009	0.009	0.0	0.0	0.0
1800	7:03:52	0.009	0.009	0.0	0.0	0.0
1860	7:04:52	0.009	0.009	0.0	0.0	0.0
1920	7:05:52	0.009	0.009	0.0	0.0	0.0
1980	7:06:52	0.01	0.009	0.0	0.0	0.0
2040	7:07:52	0.011	0.009	0.0	0.0	0.0
2100	7:08:52	0.01	0.009	0.0	0.0	0.0
2160	7:09:52	0.009	0.010	0.0	0.0	0.0
2220	7:10:52	0.008	0.010	0.0	0.0	0.0
2280	7:11:52	0.009	0.010	0.0	0.0	0.0
2340	7:12:52	0.008	0.010	0.0	0.0	0.0
2400	7:13:52	0.009	0.010	0.0	0.0	0.0
2460	7:14:52	0.009	0.010	0.0	0.0	0.0
2520	7:15:52	0.009	0.010	0.0	0.0	0.0
2580	7:16:52	0.01	0.010	0.0	0.0	0.0
2640	7:17:52	0.009	0.010	0.0	0.0	0.0
2700	7:18:52	0.01	0.010	0.0	0.0	0.0
2760	7:19:52	0.009	0.010	0.0	0.0	0.0
2820	7:20:52	0.011	0.010	0.0	0.0	0.0
2880	7:21:52	0.01	0.009	0.0	0.0	0.0
2940	7:22:52	0.011	0.009	0.0	0.0	0.0
3000	7:23:52	0.019	0.009	0.0	0.0	0.0
3060	7:24:52	0.009	0.008	0.0	0.0	0.0
3120	7:25:52	0.008	0.008	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	7:26:52	0.009	0.008	0.0	0.0	0.0
3240	7:27:52	0.009	0.008	0.0	0.0	0.0
3300	7:28:52	0.009	0.008	0.0	0.0	0.0
3360	7:29:52	0.009	0.008	0.0	0.0	0.0
3420	7:30:52	0.008	0.008	0.0	0.0	0.0
3480	7:31:52	0.008	0.009	0.0	0.0	0.0
3540	7:32:52	0.008	0.009	0.0	0.1	0.0
3600	7:33:52	0.009	0.009	0.0	0.0	0.0
3660	7:34:52	0.008	0.009	0.0	0.0	0.0
3720	7:35:52	0.008	0.009	0.0	0.0	0.0
3780	7:36:52	0.008	0.009	0.0	0.0	0.0
3840	7:37:52	0.008	0.009	0.0	0.0	0.0
3900	7:38:52	0.008	0.009	0.0	0.0	0.0
3960	7:39:52	0.008	0.009	0.0	0.0	0.0
4020	7:40:52	0.009	0.009	0.0	0.0	0.0
4080	7:41:52	0.009	0.009	0.0	0.0	0.0
4140	7:42:52	0.009	0.009	0.0	0.0	0.0
4200	7:43:52	0.01	0.009	0.0	0.0	0.0
4260	7:44:52	0.009	0.009	0.0	0.0	0.0
4320	7:45:52	0.009	0.008	0.0	0.0	0.0
4380	7:46:52	0.01	0.008	0.0	0.0	0.0
4440	7:47:52	0.008	0.008	0.0	0.1	0.0
4500	7:48:52	0.008	0.008	0.0	0.1	0.0
4560	7:49:52	0.008	0.008	0.0	0.0	0.0
4620	7:50:52	0.008	0.009	0.0	0.0	0.0
4680	7:51:52	0.008	0.009	0.0	0.0	0.1
4740	7:52:52	0.008	0.009	0.0	0.0	0.1
4800	7:53:52	0.008	0.009	0.0	0.0	0.1
4860	7:54:52	0.009	0.009	0.0	0.0	0.1
4920	7:55:52	0.008	0.009	0.0	0.1	0.1
4980	7:56:52	0.009	0.009	0.0	0.1	0.1
5040	7:57:52	0.01	0.009	0.1	0.1	0.1
5100	7:58:52	0.008	0.009	0.1	0.1	0.1
5160	7:59:52	0.008	0.009	0.1	0.1	0.1
5220	8:00:52	0.008	0.010	0.1	0.1	0.1
5280	8:01:52	0.008	0.010	0.1	0.1	0.1
5340	8:02:52	0.009	0.010	0.0	0.1	0.1
5400	8:03:52	0.009	0.010	0.1	0.1	0.1
5460	8:04:52	0.01	0.010	0.1	0.1	0.1
5520	8:05:52	0.009	0.010	0.1	0.1	0.1
5580	8:06:52	0.009	0.010	0.1	0.1	0.1
5640	8:07:52	0.009	0.010	0.1	0.1	0.1
5700	8:08:52	0.009	0.010	0.1	0.1	0.1
5760	8:09:52	0.011	0.010	0.1	0.1	0.1
5820	8:10:52	0.009	0.010	0.1	0.1	0.1
5880	8:11:52	0.009	0.010	0.1	0.1	0.1
5940	8:12:52	0.011	0.010	0.1	0.1	0.1
6000	8:13:52	0.013	0.010	0.1	0.1	0.1
6060	8:14:52	0.011	0.009	0.1	0.1	0.1
6120	8:15:52	0.01	0.009	0.1	0.1	0.1
6180	8:16:52	0.009	0.010	0.1	0.1	0.1
6240	8:17:52	0.01	0.010	0.1	0.1	0.1
6300	8:18:52	0.009	0.010	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6360	8:19:52	0.009	0.010	0.1	0.1	0.1
6420	8:20:52	0.009	0.010	0.1	0.1	0.1
6480	8:21:52	0.009	0.010	0.1	0.1	0.1
6540	8:22:52	0.009	0.010	0.1	0.1	0.1
6600	8:23:52	0.009	0.010	0.1	0.1	0.1
6660	8:24:52	0.01	0.010	0.1	0.1	0.1
6720	8:25:52	0.01	0.010	0.1	0.1	0.1
6780	8:26:52	0.01	0.010	0.1	0.1	0.1
6840	8:27:52	0.009	0.010	0.1	0.1	0.1
6900	8:28:52	0.008	0.010	0.1	0.1	0.1
6960	8:29:52	0.009	0.010	0.1	0.1	0.1
7020	8:30:52	0.021	0.010	0.1	0.1	0.1
7080	8:31:52	0.01	0.009	0.2	0.4	0.1
7140	8:32:52	0.01	0.009	0.1	0.1	0.1
7200	8:33:52	0.008	0.009	0.1	0.1	0.1
7260	8:34:52	0.008	0.009	0.1	0.1	0.1
7320	8:35:52	0.009	0.009	0.1	0.1	0.1
7380	8:36:52	0.01	0.009	0.1	0.1	0.1
7440	8:37:52	0.009	0.009	0.1	0.1	0.1
7500	8:38:52	0.009	0.009	0.1	0.1	0.1
7560	8:39:52	0.015	0.009	0.1	0.1	0.1
7620	8:40:52	0.009	0.008	0.1	0.1	0.1
7680	8:41:52	0.009	0.008	0.1	0.1	0.1
7740	8:42:52	0.008	0.008	0.1	0.1	0.1
7800	8:43:52	0.008	0.008	0.1	0.1	0.1
7860	8:44:52	0.008	0.008	0.1	0.1	0.1
7920	8:45:52	0.008	0.008	0.1	0.1	0.1
7980	8:46:52	0.008	0.008	0.1	0.1	0.1
8040	8:47:52	0.007	0.008	0.1	0.1	0.1
8100	8:48:52	0.008	0.008	0.1	0.1	0.1
8160	8:49:52	0.008	0.008	0.1	0.1	0.1
8220	8:50:52	0.008	0.008	0.1	0.1	0.1
8280	8:51:52	0.008	0.008	0.1	0.1	0.1
8340	8:52:52	0.008	0.008	0.1	0.1	0.1
8400	8:53:52	0.008	0.008	0.1	0.1	0.1
8460	8:54:52	0.008	0.008	0.1	0.1	0.1
8520	8:55:52	0.008	0.008	0.1	0.1	0.1
8580	8:56:52	0.008	0.009	0.1	0.1	0.1
8640	8:57:52	0.008	0.009	0.1	0.1	0.1
8700	8:58:52	0.008	0.009	0.1	0.1	0.1
8760	8:59:52	0.008	0.009	0.1	0.1	0.1
8820	9:00:52	0.008	0.009	0.1	0.1	0.1
8880	9:01:52	0.008	0.009	0.1	0.1	0.1
8940	9:02:52	0.008	0.009	0.1	0.1	0.1
9000	9:03:52	0.008	0.009	0.1	0.1	0.1
9060	9:04:52	0.009	0.009	0.1	0.1	0.1
9120	9:05:52	0.009	0.009	0.1	0.1	0.1
9180	9:06:52	0.01	0.009	0.1	0.1	0.1
9240	9:07:52	0.009	0.009	0.1	0.1	0.1
9300	9:08:52	0.009	0.009	0.1	0.1	0.1
9360	9:09:52	0.009	0.009	0.1	0.1	0.1
9420	9:10:52	0.009	0.009	0.1	0.1	0.1
9480	9:11:52	0.009	0.009	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9540	9:12:52	0.009	0.009	0.1	0.1	0.1
9600	9:13:52	0.009	0.009	0.1	0.1	0.1
9660	9:14:52	0.01	0.009	0.1	0.1	0.1
9720	9:15:52	0.011	0.009	0.1	0.1	0.1
9780	9:16:52	0.011	0.009	0.1	0.1	0.1
9840	9:17:52	0.009	0.009	0.1	0.1	0.1
9900	9:18:52	0.009	0.009	0.1	0.1	0.1
9960	9:19:52	0.009	0.009	0.1	0.1	0.1
10020	9:20:52	0.009	0.010	0.1	0.1	0.1
10080	9:21:52	0.009	0.010	0.1	0.1	0.1
10140	9:22:52	0.009	0.010	0.1	0.1	0.1
10200	9:23:52	0.009	0.010	0.1	0.1	0.1
10260	9:24:52	0.009	0.010	0.1	0.1	0.1
10320	9:25:52	0.009	0.010	0.1	0.1	0.1
10380	9:26:52	0.009	0.010	0.1	0.1	0.1
10440	9:27:52	0.01	0.010	0.1	0.1	0.1
10500	9:28:52	0.01	0.011	0.1	0.1	0.1
10560	9:29:52	0.01	0.011	0.1	0.1	0.1
10620	9:30:52	0.01	0.011	0.1	0.1	0.1
10680	9:31:52	0.01	0.011	0.1	0.1	0.1
10740	9:32:52	0.01	0.011	0.1	0.1	0.1
10800	9:33:52	0.01	0.011	0.1	0.1	0.1
10860	9:34:52	0.01	0.011	0.1	0.1	0.1
10920	9:35:52	0.01	0.012	0.1	0.1	0.1
10980	9:36:52	0.01	0.012	0.1	0.1	0.1
11040	9:37:52	0.011	0.012	0.1	0.1	0.1
11100	9:38:52	0.011	0.012	0.1	0.1	0.1
11160	9:39:52	0.012	0.012	0.1	0.1	0.1
11220	9:40:52	0.011	0.012	0.1	0.1	0.1
11280	9:41:52	0.012	0.012	0.1	0.1	0.1
11340	9:42:52	0.012	0.012	0.2	0.9	0.1
11400	9:43:52	0.013	0.012	0.3	0.8	0.1
11460	9:44:52	0.011	0.013	0.1	0.2	0.1
11520	9:45:52	0.013	0.013	0.2	0.4	0.1
11580	9:46:52	0.012	0.013	0.1	0.1	0.1
11640	9:47:52	0.012	0.012	0.1	0.1	0.1
11700	9:48:52	0.012	0.012	0.1	0.1	0.1
11760	9:49:52	0.012	0.012	0.1	0.1	0.1
11820	9:50:52	0.012	0.013	0.1	0.1	0.1
11880	9:51:52	0.012	0.013	0.1	0.1	0.1
11940	9:52:52	0.012	0.014	0.1	0.1	0.1
12000	9:53:52	0.011	0.014	0.1	0.1	0.1
12060	9:54:52	0.011	0.014	0.1	0.1	0.1
12120	9:55:52	0.011	0.015	0.1	0.1	0.1
12180	9:56:52	0.014	0.015	0.1	0.1	0.1
12240	9:57:52	0.019	0.015	0.1	0.1	0.1
12300	9:58:52	0.015	0.015	0.1	0.1	0.1
12360	9:59:52	0.011	0.015	0.1	0.1	0.1
12420	10:00:52	0.012	0.015	0.1	0.1	0.1
12480	10:01:52	0.011	0.015	0.1	0.1	0.1
12540	10:02:52	0.011	0.015	0.1	0.1	0.1
12600	10:03:52	0.012	0.015	0.1	0.2	0.1
12660	10:04:52	0.016	0.015	0.2	0.2	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12720	10:05:52	0.021	0.015	0.1	0.2	0.1
12780	10:06:52	0.02	0.015	0.1	0.1	0.1
12840	10:07:52	0.016	0.015	0.1	0.1	0.1
12900	10:08:52	0.017	0.015	0.1	0.1	0.1
12960	10:09:52	0.016	0.015	0.1	0.1	0.1
13020	10:10:52	0.018	0.015	0.1	0.1	0.1
13080	10:11:52	0.013	0.019	0.1	0.1	0.1
13140	10:12:52	0.015	0.025	0.1	0.1	0.2
13200	10:13:52	0.014	0.025	0.1	0.1	0.2
13260	10:14:52	0.014	0.027	0.1	0.1	0.2
13320	10:15:52	0.013	0.027	0.1	0.1	0.2
13380	10:16:52	0.013	0.029	0.1	0.1	0.2
13440	10:17:52	0.013	0.029	0.1	0.1	0.2
13500	10:18:52	0.013	0.029	0.1	0.1	0.2
13560	10:19:52	0.015	0.029	0.1	0.1	0.2
13620	10:20:52	0.017	0.029	0.1	0.1	0.2
13680	10:21:52	0.016	0.029	0.1	0.1	0.2
13740	10:22:52	0.019	0.029	0.1	0.1	0.2
13800	10:23:52	0.015	0.029	0.1	0.1	0.2
13860	10:24:52	0.014	0.029	0.1	0.1	0.2
13920	10:25:52	0.082	0.029	0.1	0.1	0.2
13980	10:26:52	0.107	0.026	1.2	2.6	0.3
14040	10:27:52	0.014	0.020	0.3	0.5	0.2
14100	10:28:52	0.038	0.020	0.2	0.6	0.2
14160	10:29:52	0.014	0.018	0.2	0.4	0.2
14220	10:30:52	0.038	0.018	0.5	1.8	0.2
14280	10:31:52	0.018	0.016	0.2	0.4	0.1
14340	10:32:52	0.014	0.016	0.2	0.2	0.1
14400	10:33:52	0.014	0.017	0.1	0.1	0.1
14460	10:34:52	0.015	0.017	0.1	0.1	0.1
14520	10:35:52	0.017	0.017	0.1	0.1	0.1
14580	10:36:52	0.018	0.017	0.1	0.1	0.1
14640	10:37:52	0.014	0.027	0.1	0.1	0.1
14700	10:38:52	0.014	0.032	0.1	0.1	0.2
14760	10:39:52	0.014	0.032	0.1	0.1	0.3
14820	10:40:52	0.037	0.032	0.3	0.9	0.3
14880	10:41:52	0.015	0.030	0.2	0.2	0.3
14940	10:42:52	0.015	0.030	0.1	0.1	0.3
15000	10:43:52	0.014	0.031	0.1	0.1	0.3
15060	10:44:52	0.013	0.036	0.1	0.1	0.3
15120	10:45:52	0.014	0.043	0.1	0.1	0.6
15180	10:46:52	0.019	0.046	0.1	0.1	0.8
15240	10:47:52	0.016	0.045	0.1	0.1	0.8
15300	10:48:52	0.017	0.045	0.1	0.1	0.8
15360	10:49:52	0.017	0.045	0.1	0.1	0.8
15420	10:50:52	0.019	0.045	0.1	0.1	0.8
15480	10:51:52	0.166	0.045	0.3	1.1	0.9
15540	10:52:52	0.088	0.035	1.7	2.9	0.9
15600	10:53:52	0.015	0.030	0.3	0.6	0.8
15660	10:54:52	0.014	0.030	0.2	0.2	0.8
15720	10:55:52	0.014	0.030	0.2	0.2	0.8
15780	10:56:52	0.016	0.031	0.2	0.2	0.8
15840	10:57:52	0.021	0.031	0.2	0.2	0.8

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	10:58:52	0.089	0.030	0.9	2.4	0.8
15960	10:59:52	0.122	0.025	3.7	9.1	0.8
16020	11:00:52	0.05	0.018	3.3	4.5	0.5
16080	11:01:52	0.017	0.016	0.6	1.1	0.3
16140	11:02:52	0.016	0.016	0.4	0.4	0.3
16200	11:03:52	0.016	0.016	0.3	0.3	0.3
16260	11:04:52	0.015	0.016	0.3	0.3	0.3
16320	11:05:52	0.015	0.017	0.3	0.3	0.3
16380	11:06:52	0.015	0.017	0.3	0.3	0.3
16440	11:07:52	0.016	0.018	0.3	0.3	0.2
16500	11:08:52	0.016	0.018	0.3	0.3	0.2
16560	11:09:52	0.017	0.019	0.3	0.3	0.2
16620	11:10:52	0.017	0.019	0.3	0.3	0.2
16680	11:11:52	0.016	0.019	0.3	0.3	0.2
16740	11:12:52	0.016	0.019	0.3	0.3	0.2
16800	11:13:52	0.016	0.019	0.3	0.3	0.2
16860	11:14:52	0.016	0.019	0.2	0.2	0.2
16920	11:15:52	0.017	0.019	0.2	0.2	0.2
16980	11:16:52	0.019	0.019	0.2	0.2	0.2
17040	11:17:52	0.019	0.019	0.2	0.2	0.2
17100	11:18:52	0.017	0.019	0.2	0.2	0.2
17160	11:19:52	0.021	0.019	0.2	0.2	0.2
17220	11:20:52	0.018	0.019	0.2	0.2	0.2
17280	11:21:52	0.025	0.019	0.2	0.2	0.2
17340	11:22:52	0.018	0.018	0.2	0.2	0.2
17400	11:23:52	0.026	0.018	0.2	0.2	0.2
17460	11:24:52	0.021	0.018	0.2	0.3	0.2
17520	11:25:52	0.018	0.017	0.2	0.3	0.2
17580	11:26:52	0.017	0.017	0.2	0.2	0.2
17640	11:27:52	0.017	0.017	0.2	0.2	0.2
17700	11:28:52	0.016	0.017	0.2	0.2	0.2
17760	11:29:52	0.017	0.018	0.2	0.3	0.2
17820	11:30:52	0.016	0.018	0.2	0.3	0.2
17880	11:31:52	0.017	0.019	0.2	0.2	0.2
17940	11:32:52	0.017	0.019	0.2	0.2	0.2
18000	11:33:52	0.018	0.019	0.2	0.2	0.2
18060	11:34:52	0.018	0.019	0.2	0.2	0.2
18120	11:35:52	0.018	0.019	0.2	0.2	0.2
18180	11:36:52	0.018	0.019	0.3	0.3	0.2
18240	11:37:52	0.018	0.019	0.2	0.3	0.2
18300	11:38:52	0.018	0.019	0.3	0.3	0.2
18360	11:39:52	0.018	0.019	0.3	0.3	0.2
18420	11:40:52	0.017	0.019	0.3	0.3	0.2
18480	11:41:52	0.017	0.019	0.2	0.3	0.2
18540	11:42:52	0.019	0.020	0.2	0.3	0.2
18600	11:43:52	0.021	0.020	0.2	0.3	0.2
18660	11:44:52	0.023	0.020	0.2	0.2	0.2
18720	11:45:52	0.021	0.019	0.2	0.2	0.2
18780	11:46:52	0.018	0.019	0.2	0.2	0.2
18840	11:47:52	0.019	0.019	0.2	0.2	0.2
18900	11:48:52	0.019	0.019	0.2	0.2	0.2
18960	11:49:52	0.018	0.019	0.2	0.2	0.2
19020	11:50:52	0.019	0.019	0.2	0.2	0.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19080	11:51:52	0.018	0.019	0.2	0.2	0.2
19140	11:52:52	0.018	0.019	0.2	0.2	0.2
19200	11:53:52	0.02	0.019	0.2	0.2	0.2
19260	11:54:52	0.02	0.019	0.2	0.2	0.2
19320	11:55:52	0.02	0.018	0.2	0.2	0.2
19380	11:56:52	0.024	0.018	0.2	0.2	0.2
19440	11:57:52	0.018	0.018	0.2	0.2	0.2
19500	11:58:52	0.018	0.018	0.2	0.2	0.2
19560	11:59:52	0.018	0.018	0.2	0.2	0.2
19620	12:00:52	0.018	0.018	0.2	0.2	0.2
19680	12:01:52	0.018	0.018	0.2	0.2	0.2
19740	12:02:52	0.019	0.017	0.2	0.2	0.2
19800	12:03:52	0.018	0.017	0.2	0.2	0.2
19860	12:04:52	0.017	0.017	0.2	0.2	0.2
19920	12:05:52	0.017	0.017	0.2	0.2	0.2
19980	12:06:52	0.017	0.017	0.2	0.2	0.2
20040	12:07:52	0.017	0.017	0.2	0.2	0.2
20100	12:08:52	0.019	0.018	0.2	0.2	0.2
20160	12:09:52	0.018	0.018	0.2	0.2	0.2
20220	12:10:52	0.017	0.018	0.2	0.2	0.2
20280	12:11:52	0.017	0.018	0.2	0.2	0.2
20340	12:12:52	0.017	0.018	0.2	0.2	0.2
20400	12:13:52	0.017	0.018	0.2	0.2	0.2
20460	12:14:52	0.017	0.018	0.2	0.2	0.2
20520	12:15:52	0.018	0.018	0.2	0.4	0.2
20580	12:16:52	0.017	0.019	0.2	0.2	0.2
20640	12:17:52	0.017	0.019	0.2	0.2	0.2
20700	12:18:52	0.017	0.019	0.2	0.2	0.2
20760	12:19:52	0.018	0.019	0.2	0.2	0.2
20820	12:20:52	0.018	0.019	0.2	0.2	0.2
20880	12:21:52	0.018	0.019	0.2	0.2	0.2
20940	12:22:52	0.018	0.019	0.2	0.2	0.2
21000	12:23:52	0.02	0.019	0.2	0.2	0.2
21060	12:24:52	0.02	0.019	0.2	0.2	0.2
21120	12:25:52	0.02	0.019	0.2	0.2	0.2
21180	12:26:52	0.018	0.019	0.2	0.2	0.2
21240	12:27:52	0.019	0.019	0.2	0.2	0.2
21300	12:28:52	0.018	0.019	0.2	0.2	0.2
21360	12:29:52	0.018	0.019	0.2	0.2	0.2
21420	12:30:52	0.022	0.019	0.2	0.2	0.2
21480	12:31:52	0.019	0.019	0.2	0.2	0.2
21540	12:32:52	0.018	0.019	0.2	0.2	0.2
21600	12:33:52	0.019	0.019	0.2	0.2	0.2
21660	12:34:52	0.019	0.019	0.2	0.2	0.2
21720	12:35:52	0.018	0.019	0.2	0.2	0.2
21780	12:36:52	0.019	0.019	0.2	0.2	0.2
21840	12:37:52	0.02	0.019	0.2	0.2	0.2
21900	12:38:52	0.02	0.019	0.2	0.2	0.2
21960	12:39:52	0.019	0.019	0.2	0.2	0.2
22020	12:40:52	0.02	0.019	0.2	0.2	0.2
22080	12:41:52	0.019	0.019	0.2	0.2	0.2
22140	12:42:52	0.02	0.019	0.2	0.2	0.2
22200	12:43:52	0.018	0.019	0.2	0.2	0.2

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
22260	12:44:52	0.018	0.019	0.2	0.2	0.2
22320	12:45:52	0.018	0.019	0.2	0.2	0.2
22380	12:46:52	0.018	0.020	0.2	0.2	0.2
22440	12:47:52	0.02	0.020	0.2	0.2	0.2
22500	12:48:52	0.02	0.020	0.2	0.4	0.2
22560	12:49:52	0.019	0.020	0.2	0.4	0.2
22620	12:50:52	0.02	0.020	0.2	0.2	0.2
22680	12:51:52	0.019	0.020	0.2	0.2	0.2
22740	12:52:52	0.022	0.020	0.2	0.2	0.2
22800	12:53:52	0.019	0.019	0.2	0.2	0.2
22860	12:54:52	0.018	0.019	0.2	0.2	0.2
22920	12:55:52	0.018	0.019	0.2	0.2	0.2
22980	12:56:52	0.019	0.019	0.2	0.2	0.2
23040	12:57:52	0.018	0.019	0.2	0.2	0.2
23100	12:58:52	0.018	0.019	0.2	0.2	0.2
23160	12:59:52	0.019	0.019	0.2	0.2	0.2
23220	13:00:52	0.031	0.020	0.3	0.6	0.2
23280	13:01:52	0.018	0.019	0.2	0.2	0.2
23340	13:02:52	0.018	0.019	0.2	0.2	0.2
23400	13:03:52	0.018	0.019	0.2	0.2	0.2
23460	13:04:52	0.019	0.019	0.2	0.2	0.2
23520	13:05:52	0.019	0.020	0.2	0.2	0.2
23580	13:06:52	0.019	0.020	0.2	0.2	0.2
23640	13:07:52	0.018	0.020	0.2	0.2	0.2
23700	13:08:52	0.019	0.020	0.2	0.2	0.2
23760	13:09:52	0.019	0.019	0.2	0.2	0.2
23820	13:10:52	0.019	0.019	0.2	0.2	0.2
23880	13:11:52	0.019	0.019	0.2	0.2	0.1
23940	13:12:52	0.018	0.019	0.2	0.2	0.1
24000	13:13:52	0.019	0.019	0.2	0.2	0.1
24060	13:14:52	0.02	0.019	0.2	0.2	0.1
24120	13:15:52	0.021	0.019	0.1	0.2	0.1
24180	13:16:52	0.02	0.018	0.2	0.2	0.1
24240	13:17:52	0.021	0.018	0.1	0.1	0.1
24300	13:18:52	0.021	0.018	0.1	0.1	0.1
24360	13:19:52	0.021	0.018	0.1	0.1	0.1
24420	13:20:52	0.019	0.018	0.2	0.2	0.1
24480	13:21:52	0.02	0.018	0.2	0.2	0.1
24540	13:22:52	0.017	0.018	0.1	0.1	0.1
24600	13:23:52	0.017	0.018	0.1	0.1	0.1
24660	13:24:52	0.017	0.018	0.1	0.1	0.1
24720	13:25:52	0.017	0.018	0.1	0.1	0.1
24780	13:26:52	0.017	0.018	0.1	0.1	0.1
24840	13:27:52	0.017	0.018	0.1	0.1	0.1
24900	13:28:52	0.017	0.019	0.1	0.1	0.1
24960	13:29:52	0.018	0.019	0.1	0.1	0.1
25020	13:30:52	0.018	0.019	0.1	0.1	0.1
25080	13:31:52	0.019	0.019	0.1	0.1	0.1
25140	13:32:52	0.018	0.019	0.1	0.1	0.1
25200	13:33:52	0.018	0.019	0.1	0.1	0.1
25260	13:34:52	0.018	0.019	0.1	0.1	0.1
25320	13:35:52	0.017	0.019	0.1	0.1	0.1
25380	13:36:52	0.018	0.019	0.1	0.2	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
25440	13:37:52	0.018	0.019	0.1	0.2	0.1
25500	13:38:52	0.018	0.020	0.1	0.1	0.1
25560	13:39:52	0.018	0.020	0.1	0.1	0.1
25620	13:40:52	0.019	0.020	0.1	0.1	0.1
25680	13:41:52	0.018	0.020	0.1	0.2	0.1
25740	13:42:52	0.03	0.020	0.2	0.9	0.1
25800	13:43:52	0.018	0.019	0.1	0.2	0.1
25860	13:44:52	0.018	0.019	0.1	0.1	0.1
25920	13:45:52	0.02	0.019	0.1	0.1	0.1
25980	13:46:52	0.018	0.019	0.1	0.1	0.1
26040	13:47:52	0.018	0.019	0.1	0.1	0.1
26100	13:48:52	0.019	0.019	0.1	0.1	0.1
26160	13:49:52	0.018	0.019	0.1	0.1	0.1
26220	13:50:52	0.02	0.019	0.1	0.1	0.1
26280	13:51:52	0.02	0.019	0.1	0.4	0.1
26340	13:52:52	0.021	0.019	0.3	1.0	0.1
26400	13:53:52	0.018	0.019	0.2	0.7	0.1
26460	13:54:52	0.018	0.019	0.1	0.1	0.1
26520	13:55:52	0.019	0.019	0.1	0.1	0.1
26580	13:56:52	0.019	0.019	0.1	0.3	0.1
26640	13:57:52	0.018	0.020	0.1	0.1	0.1
26700	13:58:52	0.019	0.020	0.1	0.1	0.1
26760	13:59:52	0.019	0.020	0.1	0.1	0.1
26820	14:00:52	0.019	0.020	0.1	0.1	0.1
26880	14:01:52	0.019	0.020	0.1	0.1	0.1
26940	14:02:52	0.019	0.026	0.1	0.1	0.1
27000	14:03:52	0.019	0.028	0.1	0.2	0.3
27060	14:04:52	0.019	0.028	0.1	0.1	0.3
27120	14:05:52	0.018	0.029	0.1	0.1	0.3
27180	14:06:52	0.018	0.031	0.1	0.1	0.3
27240	14:07:52	0.019	0.031	0.1	0.1	0.3
27300	14:08:52	0.019	0.033	0.1	0.1	0.4
27360	14:09:52	0.019	0.033	0.1	0.1	0.4
27420	14:10:52	0.022	0.034	0.1	0.1	0.4
27480	14:11:52	0.032	0.036	0.2	0.8	0.4
27540	14:12:52	0.019	0.035	0.3	1.1	0.5
27600	14:13:52	0.019	0.035	0.1	0.1	0.4
27660	14:14:52	0.02	0.035	0.1	0.1	0.4
27720	14:15:52	0.019	0.035	0.1	0.2	0.4
27780	14:16:52	0.11	0.037	0.3	2.0	0.4
27840	14:17:52	0.041	0.035	2.0	4.6	0.5
27900	14:18:52	0.019	0.034	0.3	0.9	0.4
27960	14:19:52	0.041	0.034	0.2	0.2	0.4
28020	14:20:52	0.041	0.037	0.9	2.3	0.5
28080	14:21:52	0.022	0.037	0.3	0.5	0.7
28140	14:22:52	0.052	0.037	0.4	1.3	0.8
28200	14:23:52	0.026	0.035	0.5	1.4	0.7
28260	14:24:52	0.029	0.035	0.3	1.0	0.7
28320	14:25:52	0.043	0.034	0.6	2.1	0.8
28380	14:26:52	0.019	0.034	0.4	0.9	0.7
28440	14:27:52	0.019	0.037	0.1	0.2	0.8
28500	14:28:52	0.019	0.038	0.1	0.1	0.9
28560	14:29:52	0.019	0.039	0.1	0.1	1.0

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
28620	14:30:52	0.057	0.039	0.1	0.1	1.1
28680	14:31:52	0.076	0.036	1.2	2.8	1.1
28740	14:32:52	0.031	0.033	1.2	3.3	1.0
28800	14:33:52	0.02	0.032	0.3	0.4	0.9
28860	14:34:52	0.089	0.033	0.5	2.2	0.9
28920	14:35:52	0.03	0.028	4.9	8.9	0.9
28980	14:36:52	0.021	0.028	0.6	1.2	0.6
29040	14:37:52	0.021	0.028	0.3	0.4	0.6
29100	14:38:52	0.034	0.027	0.5	1.8	0.6
29160	14:39:52	0.019	0.027	0.4	1.5	0.6
29220	14:40:52	0.03	0.027	0.2	1.5	0.6
29280	14:41:52	0.071	0.032	1.7	6.7	0.6
29340	14:42:52	0.028	0.034	1.6	5.9	0.8
29400	14:43:52	0.038	0.033	1.5	4.0	0.9
29460	14:44:52	0.019	0.033	0.8	3.4	0.8
29520	14:45:52	0.019	0.035	0.2	0.3	0.8
29580	14:46:52	0.019	0.036	0.2	0.2	0.9
29640	14:47:52	0.021	0.037	0.2	0.2	0.9
29700	14:48:52	0.029	0.036	0.3	0.5	0.9
29760	14:49:52	0.025	0.036	0.7	2.7	0.9
29820	14:50:52	0.02	0.036	0.4	1.7	0.8
29880	14:51:52	0.02	0.036	0.2	0.2	0.8
29940	14:52:52	0.02	0.036	0.2	0.2	0.8
30000	14:53:52	0.021	0.036	0.1	0.2	0.8
30060	14:54:52	0.024	0.036	0.2	0.3	0.8
30120	14:55:52	0.104	0.035	0.6	1.9	0.8
30180	14:56:52	0.098	0.030	4.5	12.9	0.8
30240	14:57:52	0.022	0.024	2.7	10.1	0.5
30300	14:58:52	0.028	0.024	0.5	0.8	0.3
30360	14:59:52	0.057	0.024	0.9	4.1	0.3
30420	15:00:52	0.039	0.021	1.3	3.8	0.2
30480	15:01:52	0.02	0.020	0.4	0.9	0.1
30540	15:02:52	0.02	0.020	0.2	0.3	0.1
30600	15:03:52	0.02	0.020	0.2	0.2	0.1
30660	15:04:52	0.02	0.020	0.2	0.2	0.1
30720	15:05:52	0.02	0.020	0.2	0.2	0.1

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
30780	15:06:52	0.021	0.020	0.1	0.1	0.1
30840	15:07:52	0.02	0.020	0.1	0.1	0.1
30900	15:08:52	0.02	0.020	0.1	0.1	0.1
30960	15:09:52	0.02	0.020	0.1	0.1	0.1
31020	15:10:52	0.02	0.020	0.1	0.1	0.1
31080	15:11:52	0.02	0.020	0.1	0.1	0.1
31140	15:12:52	0.02	0.020	0.1	0.1	0.1
31200	15:13:52	0.02	0.020	0.1	0.1	0.1
31260	15:14:52	0.02	0.020	0.1	0.1	0.1
31320	15:15:52	0.02	0.020	0.1	0.1	0.1
31380	15:16:52	0.02	0.020	0.1	0.1	0.1
31440	15:17:52	0.021	0.021	0.1	0.1	0.1
31500	15:18:52	0.02	0.020	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/27/19 6:33 AM						
60	6:33:02	0.02	0.007	0.0	0.0	0.0
120	6:34:02	0.014	0.006	0.0	0.0	0.0
180	6:35:02	0.012	0.005	0.0	0.0	0.0
240	6:36:02	0.01	0.004	0.0	0.0	0.0
300	6:37:02	0.008	0.004	0.0	0.0	0.0
360	6:38:02	0.007	0.003	0.0	0.0	0.0
420	6:39:02	0.006	0.003	0.0	0.0	0.0
480	6:40:02	0.005	0.002	0.0	0.0	0.0
540	6:41:02	0.005	0.002	0.0	0.0	0.0
600	6:42:02	0.004	0.002	0.0	0.0	0.0
660	6:43:02	0.003	0.002	0.0	0.0	0.0
720	6:44:02	0.003	0.002	0.0	0.0	0.0
780	6:45:02	0.003	0.001	0.0	0.0	0.0
840	6:46:02	0.002	0.001	0.0	0.0	0.0
900	6:47:02	0.002	0.001	0.0	0.0	0.0
960	6:48:02	0.002	0.001	0.0	0.0	0.0
1020	6:49:02	0.002	0.001	0.0	0.0	0.0
1080	6:50:02	0.002	0.001	0.0	0.0	0.0
1140	6:51:02	0.001	0.001	0.0	0.0	0.0
1200	6:52:02	0.001	0.001	0.0	0.0	0.0
1260	6:53:02	0.001	0.001	0.0	0.0	0.0
1320	6:54:02	0.001	0.001	0.0	0.0	0.0
1380	6:55:02	0.001	0.001	0.0	0.0	0.0
1440	6:56:02	0.001	0.001	0.0	0.0	0.0
1500	6:57:02	0.001	0.001	0.0	0.0	0.0
1560	6:58:02	0.001	0.001	0.0	0.0	0.0
1620	6:59:02	0.001	0.001	0.0	0.0	0.0
1680	7:00:02	0.001	0.001	0.0	0.0	0.0
1740	7:01:02	0.001	0.001	0.0	0.0	0.0
1800	7:02:02	0.001	0.001	0.0	0.0	0.0
1860	7:03:02	0.001	0.001	0.0	0.0	0.0
1920	7:04:02	0.001	0.001	0.0	0.0	0.0
1980	7:05:02	0.001	0.001	0.0	0.0	0.0
2040	7:06:02	0.001	0.001	0.0	0.0	0.0
2100	7:07:02	0.001	0.001	0.0	0.0	0.0
2160	7:08:02	0.001	0.001	0.0	0.0	0.0
2220	7:09:02	0.001	0.001	0.0	0.0	0.0
2280	7:10:02	0.001	0.001	0.0	0.0	0.0
2340	7:11:02	0.001	0.001	0.0	0.0	0.0
2400	7:12:02	0.001	0.001	0.0	0.0	0.0
2460	7:13:02	0.001	0.001	0.0	0.0	0.0
2520	7:14:02	0.001	0.001	0.0	0.0	0.0
2580	7:15:02	0.001	0.000	0.0	0.0	0.0
2640	7:16:02	0.001	0.000	0.0	0.0	0.0
2700	7:17:02	0	0.000	0.0	0.0	0.0
2760	7:18:02	0.001	0.000	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
2820	7:19:02	0.001	0.000	0.0	0.0	0.0
2880	7:20:02	0.001	0.000	0.0	0.0	0.0
2940	7:21:02	0.001	0.000	0.0	0.0	0.0
3000	7:22:02	0.001	0.000	0.0	0.0	0.0
3060	7:23:02	0	0.000	0.0	0.0	0.0
3120	7:24:02	0	0.000	0.0	0.0	0.0
3180	7:25:02	0	0.000	0.0	0.0	0.0
3240	7:26:02	0	0.000	0.0	0.0	0.0
3300	7:27:02	0	0.000	0.0	0.0	0.0
3360	7:28:02	0	0.000	0.0	0.0	0.0
3420	7:29:02	0	0.000	0.0	0.0	0.0
3480	7:30:02	0	0.000	0.0	0.0	0.0
3540	7:31:02	0	0.000	0.0	0.0	0.0
3600	7:32:02	0	0.000	0.0	0.0	0.0
3660	7:33:02	0	0.000	0.0	0.0	0.0
3720	7:34:02	0	0.000	0.0	0.0	0.0
3780	7:35:02	0	0.000	0.0	0.0	0.0
3840	7:36:02	0	0.000	0.0	0.0	0.0
3900	7:37:02	0	0.000	0.0	0.0	0.0
3960	7:38:02	0	0.000	0.0	0.0	0.0
4020	7:39:02	0	0.000	0.0	0.0	0.0
4080	7:40:02	0	0.000	0.0	0.0	0.0
4140	7:41:02	0	0.000	0.0	0.0	0.0
4200	7:42:02	0	0.000	0.0	0.0	0.0
4260	7:43:02	0	0.000	0.0	0.0	0.0
4320	7:44:02	0	0.000	0.0	0.0	0.0
4380	7:45:02	0	0.000	0.0	0.0	0.0
4440	7:46:02	0	0.000	0.0	0.0	0.0
4500	7:47:02	0	0.000	0.0	0.0	0.0
4560	7:48:02	0	0.000	0.0	0.0	0.0
4620	7:49:02	0	0.000	0.0	0.0	0.0
4680	7:50:02	0	0.000	0.0	0.0	0.0
4740	7:51:02	0	0.000	0.0	0.0	0.0
4800	7:52:02	0	0.000	0.0	0.0	0.0
4860	7:53:02	0	0.000	0.0	0.0	0.0
4920	7:54:02	0	0.000	0.0	0.0	0.0
4980	7:55:02	0	0.000	0.0	0.0	0.0
5040	7:56:02	0	0.000	0.0	0.0	0.0
5100	7:57:02	0	0.000	0.0	0.0	0.0
5160	7:58:02	0	0.000	0.0	0.0	0.0
5220	7:59:02	0	0.000	0.0	0.0	0.0
5280	8:00:02	0	0.000	0.0	0.0	0.0
5340	8:01:02	0	0.000	0.0	0.0	0.0
5400	8:02:02	0	0.000	0.0	0.0	0.0
5460	8:03:02	0	0.000	0.0	0.0	0.0
5520	8:04:02	0	0.000	0.0	0.0	0.0
5580	8:05:02	0	0.000	0.0	0.0	0.0
5640	8:06:02	0	0.000	0.0	0.0	0.0
5700	8:07:02	0	0.000	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
5760	8:08:02	0	0.000	0.0	0.0	0.0
5820	8:09:02	0	0.000	0.0	0.0	0.0
5880	8:10:02	0	0.000	0.0	0.0	0.0
5940	8:11:02	0	0.000	0.0	0.0	0.0
6000	8:12:02	0	0.000	0.0	0.0	0.0
6060	8:13:02	0	0.000	0.0	0.0	0.0
6120	8:14:02	0	0.000	0.0	0.0	0.0
6180	8:15:02	0	0.000	0.0	0.0	0.0
6240	8:16:02	0	0.000	0.0	0.0	0.0
6300	8:17:02	0	0.000	0.0	0.0	0.0
6360	8:18:02	0	0.000	0.0	0.0	0.0
6420	8:19:02	0	0.000	0.0	0.0	0.0
6480	8:20:02	0	0.000	0.0	0.0	0.0
6540	8:21:02	0	0.000	0.0	0.0	0.1
6600	8:22:02	0	0.000	0.0	0.0	0.1
6660	8:23:02	0	0.000	0.0	0.0	0.1
6720	8:24:02	0	0.000	0.0	0.0	0.1
6780	8:25:02	0	0.000	0.0	0.0	0.1
6840	8:26:02	0	0.000	0.0	0.0	0.1
6900	8:27:02	0	0.000	0.0	0.2	0.1
6960	8:28:02	0	0.000	0.0	0.1	0.1
7020	8:29:02	0	0.000	0.0	0.1	0.1
7080	8:30:02	0	0.000	0.0	0.1	0.1
7140	8:31:02	0	0.000	0.0	0.0	0.1
7200	8:32:02	0	0.000	0.0	0.0	0.1
7260	8:33:02	0	0.000	0.0	0.0	0.1
7320	8:34:02	0	0.000	0.3	0.6	0.1
7380	8:35:02	0	0.000	0.6	0.8	0.1
7440	8:36:02	0	0.000	0.3	0.3	0.0
7500	8:37:02	0	0.000	0.2	0.3	0.0
7560	8:38:02	0	0.000	0.1	0.2	0.0
7620	8:39:02	0	0.000	0.0	0.1	0.0
7680	8:40:02	0	0.000	0.0	0.0	0.0
7740	8:41:02	0	0.000	0.0	0.0	0.0
7800	8:42:02	0	0.000	0.0	0.0	0.0
7860	8:43:02	0	0.000	0.0	0.0	0.0
7920	8:44:02	0	0.000	0.0	0.0	0.0
7980	8:45:02	0	0.000	0.0	0.0	0.0
8040	8:46:02	0	0.000	0.0	0.0	0.0
8100	8:47:02	0	0.000	0.0	0.0	0.0
8160	8:48:02	0	0.000	0.0	0.1	0.0
8220	8:49:02	0	0.001	0.0	0.1	0.0
8280	8:50:02	0	0.002	0.0	0.0	0.0
8340	8:51:02	0	0.003	0.0	0.0	0.0
8400	8:52:02	0	0.003	0.0	0.0	0.0
8460	8:53:02	0	0.004	0.1	0.1	0.0
8520	8:54:02	0	0.005	0.1	0.1	0.0
8580	8:55:02	0	0.006	0.0	0.1	0.0
8640	8:56:02	0	0.007	0.0	0.1	0.0
8700	8:57:02	0	0.009	0.1	0.1	0.0

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
8760	8:58:02	0	0.010	0.0	0.1	0.0
8820	8:59:02	0	0.011	0.1	0.2	0.0
8880	9:00:02	0	0.012	0.0	0.1	0.0
8940	9:01:02	0	0.013	0.0	0.1	0.0
9000	9:02:02	0	0.014	0.0	0.0	0.0
9060	9:03:02	0.008	0.014	0.0	0.0	0.0
9120	9:04:02	0.015	0.015	0.0	0.0	0.0
9180	9:05:02	0.015	0.015	0.0	0.0	0.0
9240	9:06:02	0.014	0.015	0.0	0.0	0.0
9300	9:07:02	0.015	0.015	0.0	0.1	0.0
9360	9:08:02	0.015	0.015	0.0	0.0	0.0
9420	9:09:02	0.015	0.015	0.0	0.0	0.0
9480	9:10:02	0.015	0.014	0.0	0.0	0.0
9540	9:11:02	0.016	0.014	0.0	0.0	0.1
9600	9:12:02	0.015	0.014	0.0	0.0	0.1
9660	9:13:02	0.016	0.014	0.0	0.0	0.1
9720	9:14:02	0.015	0.014	0.0	0.0	0.1
9780	9:15:02	0.014	0.014	0.0	0.0	0.1
9840	9:16:02	0.015	0.014	0.0	0.0	0.1
9900	9:17:02	0.013	0.018	0.0	0.1	0.1
9960	9:18:02	0.014	0.018	0.1	0.1	0.1
10020	9:19:02	0.016	0.019	0.1	0.2	0.2
10080	9:20:02	0.014	0.019	0.1	0.3	0.2
10140	9:21:02	0.013	0.019	0.1	0.1	0.2
10200	9:22:02	0.014	0.019	0.1	0.1	0.2
10260	9:23:02	0.013	0.022	0.1	0.1	0.2
10320	9:24:02	0.013	0.022	0.1	0.1	0.2
10380	9:25:02	0.015	0.024	0.1	0.1	0.3
10440	9:26:02	0.015	0.024	0.1	0.1	0.3
10500	9:27:02	0.014	0.025	0.1	0.1	0.3
10560	9:28:02	0.015	0.025	0.1	0.1	0.3
10620	9:29:02	0.015	0.025	0.1	0.1	0.3
10680	9:30:02	0.015	0.025	0.1	0.1	0.3
10740	9:31:02	0.069	0.025	0.3	2.7	0.3
10800	9:32:02	0.017	0.022	0.4	1.7	0.3
10860	9:33:02	0.022	0.022	0.4	1.0	0.3
10920	9:34:02	0.017	0.021	0.2	0.6	0.3
10980	9:35:02	0.016	0.021	0.1	0.1	0.3
11040	9:36:02	0.017	0.021	0.1	0.1	0.3
11100	9:37:02	0.05	0.021	0.1	0.1	0.3
11160	9:38:02	0.019	0.019	0.6	3.0	0.3
11220	9:39:02	0.037	0.019	1.0	7.1	0.2
11280	9:40:02	0.029	0.018	0.4	0.7	0.2
11340	9:41:02	0.017	0.035	0.6	1.1	0.2
11400	9:42:02	0.016	0.038	0.1	0.2	1.0
11460	9:43:02	0.018	0.038	0.1	0.1	1.1
11520	9:44:02	0.017	0.038	0.2	0.7	1.1
11580	9:45:02	0.017	0.038	0.1	0.1	1.1
11640	9:46:02	0.016	0.038	0.1	0.1	1.1
11700	9:47:02	0.016	0.039	0.1	0.1	1.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
11760	9:48:02	0.016	0.039	0.1	0.1	1.2
11820	9:49:02	0.017	0.041	0.1	0.1	1.3
11880	9:50:02	0.017	0.046	0.1	0.1	1.4
11940	9:51:02	0.017	0.050	0.1	0.1	1.5
12000	9:52:02	0.017	0.050	0.1	0.1	1.6
12060	9:53:02	0.017	0.065	0.1	0.2	1.7
12120	9:54:02	0.018	0.068	0.1	0.1	2.1
12180	9:55:02	0.285	0.069	0.6	12.5	2.2
12240	9:56:02	0.06	0.057	12.4	40.0	2.2
12300	9:57:02	0.018	0.058	1.8	6.3	1.7
12360	9:58:02	0.019	0.065	0.6	1.2	1.8
12420	9:59:02	0.019	0.068	0.4	0.8	2.0
12480	10:00:02	0.022	0.070	0.3	0.3	2.1
12540	10:01:02	0.021	0.072	0.7	4.2	2.2
12600	10:02:02	0.023	0.073	0.6	1.9	2.3
12660	10:03:02	0.048	0.078	1.3	4.6	2.3
12720	10:04:02	0.09	0.083	2.0	4.1	2.6
12780	10:05:02	0.07	0.078	2.1	3.8	2.9
12840	10:06:02	0.029	0.077	1.3	1.9	2.8
12900	10:07:02	0.236	0.078	1.9	16.3	2.9
12960	10:08:02	0.068	0.067	5.0	16.8	2.9
13020	10:09:02	0.022	0.068	1.9	3.2	2.7
13080	10:10:02	0.11	0.070	1.2	6.3	2.8
13140	10:11:02	0.076	0.066	4.7	23.6	2.9
13200	10:12:02	0.121	0.071	2.3	9.0	2.9
13260	10:13:02	0.06	0.071	4.3	8.1	3.3
13320	10:14:02	0.05	0.071	1.8	2.9	3.5
13380	10:15:02	0.061	0.069	1.4	2.5	3.4
13440	10:16:02	0.036	0.066	2.3	6.4	3.4
13500	10:17:02	0.087	0.064	1.4	2.5	3.3
13560	10:18:02	0.124	0.060	6.1	20.8	3.2
13620	10:19:02	0.024	0.053	5.4	12.2	2.8
13680	10:20:02	0.055	0.057	1.1	2.2	2.5
13740	10:21:02	0.044	0.060	2.4	5.1	2.8
13800	10:22:02	0.06	0.062	2.5	3.7	2.9
13860	10:23:02	0.083	0.062	2.2	4.5	2.8
13920	10:24:02	0.057	0.061	3.5	6.1	2.9
13980	10:25:02	0.047	0.058	2.7	6.3	2.7
14040	10:26:02	0.154	0.057	3.4	19.6	2.6
14100	10:27:02	0.125	0.058	9.0	20.7	2.5
14160	10:28:02	0.056	0.055	6.7	13.8	2.1
14220	10:29:02	0.017	0.058	1.6	5.2	1.9
14280	10:30:02	0.017	0.059	0.7	0.8	1.9
14340	10:31:02	0.017	0.060	0.5	0.5	1.9
14400	10:32:02	0.017	0.060	0.4	0.5	1.9
14460	10:33:02	0.025	0.060	0.4	0.4	1.9
14520	10:34:02	0.086	0.060	1.1	2.6	1.9
14580	10:35:02	0.102	0.057	4.2	6.2	1.9
14640	10:36:02	0.062	0.052	3.9	12.8	1.7
14700	10:37:02	0.06	0.050	2.0	3.3	1.5
14760	10:38:02	0.071	0.047	2.7	9.4	1.3

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
14820	10:39:02	0.019	0.044	1.9	6.3	1.2
14880	10:40:02	0.022	0.045	0.6	0.7	1.1
14940	10:41:02	0.172	0.046	1.1	2.9	1.2
15000	10:42:02	0.089	0.036	3.9	10.1	1.1
15060	10:43:02	0.093	0.032	3.9	6.2	0.9
15120	10:44:02	0.039	0.027	1.4	3.6	0.7
15180	10:45:02	0.019	0.032	1.2	5.6	0.6
15240	10:46:02	0.018	0.042	0.5	0.6	0.8
15300	10:47:02	0.018	0.043	0.4	0.4	1.0
15360	10:48:02	0.033	0.043	0.3	0.5	1.1
15420	10:49:02	0.037	0.042	0.8	1.7	1.1
15480	10:50:02	0.034	0.040	0.5	0.8	1.0
15540	10:51:02	0.019	0.039	0.6	1.1	1.0
15600	10:52:02	0.019	0.039	0.3	0.4	1.0
15660	10:53:02	0.028	0.039	0.4	0.5	1.0
15720	10:54:02	0.036	0.039	1.3	4.7	1.0
15780	10:55:02	0.043	0.037	0.8	1.4	0.9
15840	10:56:02	0.019	0.036	0.5	1.5	0.9
15900	10:57:02	0.019	0.036	0.4	0.6	0.9
15960	10:58:02	0.031	0.036	0.5	1.7	0.9
16020	10:59:02	0.106	0.035	0.7	1.3	0.8
16080	11:00:02	0.163	0.030	4.3	10.0	0.8
16140	11:01:02	0.033	0.020	3.8	8.3	0.5
16200	11:02:02	0.018	0.021	0.8	1.6	0.3
16260	11:03:02	0.018	0.029	0.4	0.5	0.4
16320	11:04:02	0.018	0.033	0.4	0.4	0.6
16380	11:05:02	0.02	0.037	0.3	0.3	0.7
16440	11:06:02	0.02	0.037	0.3	0.4	0.8
16500	11:07:02	0.018	0.039	0.3	0.3	0.8
16560	11:08:02	0.018	0.043	0.3	0.3	0.9
16620	11:09:02	0.018	0.045	0.2	0.2	1.0
16680	11:10:02	0.019	0.045	0.2	0.2	1.0
16740	11:11:02	0.018	0.045	0.2	0.2	1.0
16800	11:12:02	0.023	0.045	0.2	0.2	1.0
16860	11:13:02	0.019	0.045	0.2	0.2	1.0
16920	11:14:02	0.021	0.045	0.2	0.2	1.0
16980	11:15:02	0.019	0.045	0.2	0.2	1.0
17040	11:16:02	0.047	0.045	0.2	0.6	1.0
17100	11:17:02	0.133	0.044	3.0	7.9	1.0
17160	11:18:02	0.082	0.036	2.2	3.7	0.9
17220	11:19:02	0.076	0.032	2.1	3.1	0.7
17280	11:20:02	0.02	0.028	1.7	3.2	0.6
17340	11:21:02	0.05	0.034	0.5	0.6	0.5
17400	11:22:02	0.082	0.034	1.5	3.9	0.7
17460	11:23:02	0.048	0.032	1.7	4.7	0.7
17520	11:24:02	0.021	0.032	1.0	1.4	0.7
17580	11:25:02	0.019	0.035	0.4	0.5	0.7
17640	11:26:02	0.02	0.038	0.3	0.4	0.8
17700	11:27:02	0.022	0.039	0.3	0.3	0.8
17760	11:28:02	0.022	0.041	0.3	0.3	0.9
17820	11:29:02	0.021	0.045	0.3	0.3	1.0
17880	11:30:02	0.019	0.047	0.2	0.2	1.1
17940	11:31:02	0.019	0.051	0.2	0.2	1.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
18000	11:32:02	0.019	0.053	0.2	0.2	1.3
18060	11:33:02	0.02	0.055	0.2	0.2	1.4
18120	11:34:02	0.02	0.057	0.2	0.2	1.4
18180	11:35:02	0.112	0.059	0.5	2.0	1.6
18240	11:36:02	0.044	0.055	3.4	6.8	1.7
18300	11:37:02	0.051	0.054	1.3	3.6	1.5
18360	11:38:02	0.051	0.053	1.3	3.3	1.5
18420	11:39:02	0.067	0.051	1.2	2.4	1.5
18480	11:40:02	0.065	0.048	1.6	2.8	1.4
18540	11:41:02	0.026	0.045	1.3	3.4	1.3
18600	11:42:02	0.066	0.045	0.9	2.5	1.2
18660	11:43:02	0.073	0.043	1.7	2.8	1.2
18720	11:44:02	0.047	0.040	1.6	2.9	1.2
18780	11:45:02	0.086	0.039	1.6	3.6	1.2
18840	11:46:02	0.051	0.036	2.6	5.6	1.1
18900	11:47:02	0.049	0.034	1.1	1.7	1.0
18960	11:48:02	0.04	0.034	1.4	3.1	1.0
19020	11:49:02	0.061	0.032	1.8	3.5	1.0
19080	11:50:02	0.041	0.030	2.2	3.1	0.9
19140	11:51:02	0.043	0.029	1.0	1.7	0.8
19200	11:52:02	0.023	0.028	1.2	2.3	0.8
19260	11:53:02	0.026	0.028	0.6	1.0	0.8
19320	11:54:02	0.021	0.028	0.4	0.8	0.8
19380	11:55:02	0.021	0.028	0.3	0.3	0.8
19440	11:56:02	0.029	0.028	0.3	0.4	0.8
19500	11:57:02	0.038	0.027	0.8	2.0	0.8
19560	11:58:02	0.031	0.026	1.1	1.8	0.8
19620	11:59:02	0.026	0.025	0.9	1.4	0.7
19680	12:00:02	0.037	0.025	0.8	1.9	0.7
19740	12:01:02	0.031	0.024	1.1	2.5	0.7
19800	12:02:02	0.035	0.024	1.6	4.1	0.6
19860	12:03:02	0.024	0.023	0.9	2.5	0.6
19920	12:04:02	0.026	0.023	0.7	1.1	0.6
19980	12:05:02	0.024	0.022	0.8	1.4	0.5
20040	12:06:02	0.024	0.022	0.8	1.1	0.5
20100	12:07:02	0.027	0.022	0.8	1.8	0.5
20160	12:08:02	0.021	0.022	0.7	0.9	0.5
20220	12:09:02	0.02	0.022	0.4	0.5	0.5
20280	12:10:02	0.022	0.022	0.5	1.5	0.5
20340	12:11:02	0.022	0.022	0.5	1.5	0.5
20400	12:12:02	0.02	0.022	0.4	1.2	0.5
20460	12:13:02	0.022	0.022	0.3	0.3	0.5
20520	12:14:02	0.023	0.022	0.4	0.6	0.5
20580	12:15:02	0.022	0.022	0.4	1.0	0.5
20640	12:16:02	0.022	0.022	0.4	0.7	0.5
20700	12:17:02	0.023	0.022	0.6	1.2	0.4
20760	12:18:02	0.021	0.021	0.7	1.1	0.4
20820	12:19:02	0.022	0.021	0.5	1.3	0.4
20880	12:20:02	0.023	0.021	0.6	0.8	0.4
20940	12:21:02	0.023	0.021	0.7	1.0	0.4
21000	12:22:02	0.023	0.021	0.6	1.1	0.4
21060	12:23:02	0.022	0.021	0.7	1.2	0.4
21120	12:24:02	0.021	0.021	0.6	1.1	0.5

**CAMP Station
CHA - 3**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
21180	12:25:02	0.022	0.021	0.3	0.6	0.5
21240	12:26:02	0.021	0.021	0.2	0.3	0.5
21300	12:27:02	0.021	0.021	0.2	0.2	0.5
21360	12:28:02	0.02	0.022	0.2	0.2	0.6
21420	12:29:02	0.021	0.022	0.2	0.2	0.6
21480	12:30:02	0.021	0.022	0.3	0.5	0.7
21540	12:31:02	0.02	0.022	0.3	0.5	0.7
21600	12:32:02	0.02	0.022	0.4	0.5	0.7
21660	12:33:02	0.022	0.022	0.4	0.7	0.8
21720	12:34:02	0.021	0.022	0.4	0.7	0.8
21780	12:35:02	0.02	0.022	0.5	1.0	0.9
21840	12:36:02	0.021	0.022	0.3	0.7	0.9
21900	12:37:02	0.021	0.022	0.5	0.9	1.0
21960	12:38:02	0.025	0.023	2.1	11.2	1.1
22020	12:39:02	0.02	0.022	1.1	3.8	0.9
22080	12:40:02	0.02	0.023	0.3	0.5	0.8
22140	12:41:02	0.029	0.023	0.3	0.3	1.1
22200	12:42:02	0.022	0.023	1.8	5.5	1.8
22260	12:43:02	0.021	0.024	Data unable to be recovered from the PID.		
22320	12:44:02	0.02	0.025			
22380	12:45:02	0.023	0.026			
22440	12:46:02	0.02	0.030			
22500	12:47:02	0.023	0.030			
22560	12:48:02	0.021	0.030			
22620	12:49:02	0.021	0.031			
22680	12:50:02	0.025	0.032			
22740	12:51:02	0.026	0.031			
22800	12:52:02	0.023	0.032			
22860	12:53:02	0.022	0.036			
22920	12:54:02	0.024	0.037			
22980	12:55:02	0.021	0.037			
23040	12:56:02	0.029	0.039			
23100	12:57:02	0.034	0.041			
23160	12:58:02	0.041	0.041			
23220	12:59:02	0.032	0.040			
23280	13:00:02	0.082	0.040			
23340	13:01:02	0.027	0.036			
23400	13:02:02	0.029	0.036			
23460	13:03:02	0.035	0.037			
23520	13:04:02	0.024	0.037			
23580	13:05:02	0.023	0.037			
23640	13:06:02	0.04	0.037			
23700	13:07:02	0.072	0.037			
23760	13:08:02	0.042	0.034			
23820	13:09:02	0.028	0.033			
23880	13:10:02	0.05	0.033			
23940	13:11:02	0.056	0.032			
24000	13:12:02	0.029	0.032			
24060	13:13:02	0.03	0.033			
24120	13:14:02	0.031	0.034			
24180	13:15:02	0.029	0.034			
24240	13:16:02	0.029	0.034			
24300	13:17:02	0.037	0.034			

**CAMP Station
CHA - 3**

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
24360	13:18:02	0.031	0.035			
24420	13:19:02	0.022	0.036			
24480	13:20:02	0.03	0.037			
24540	13:21:02	0.034	0.036			
24600	13:22:02	0.032	0.036			
24660	13:23:02	0.029	0.036			
24720	13:24:02	0.028	0.035			
24780	13:25:02	0.039	0.037			
24840	13:26:02	0.046	0.036			
24900	13:27:02	0.047	0.036			
24960	13:28:02	0.04	0.035			
25020	13:29:02	0.033	0.034			
25080	13:30:02	0.034	0.033			
25140	13:31:02	0.034	0.032			
25200	13:32:02	0.048	0.032			
25260	13:33:02	0.04	0.030			
25320	13:34:02	0.035	0.029			
25380	13:35:02	0.025	0.030			
25440	13:36:02	0.03	0.030			
25500	13:37:02	0.026	0.030			
25560	13:38:02	0.026	0.030			
25620	13:39:02	0.052	0.030			
25680	13:40:02	0.026	0.029			
25740	13:41:02	0.038	0.031			
25800	13:42:02	0.031	0.031			
25860	13:43:02	0.026	0.031			
25920	13:44:02	0.024	0.032			
25980	13:45:02	0.023	0.032			
26040	13:46:02	0.029	0.032			
26100	13:47:02	0.026	0.033			
26160	13:48:02	0.025	0.034			
26220	13:49:02	0.044	0.034			
26280	13:50:02	0.023	0.033			
26340	13:51:02	0.038	0.034			
26400	13:52:02	0.022	0.034			
26460	13:53:02	0.03	0.034			
26520	13:54:02	0.035	0.034			
26580	13:55:02	0.05	0.034			
26640	13:56:02	0.041	0.033			
26700	13:57:02	0.032	0.033			
26760	13:58:02	0.036	0.033			
26820	13:59:02	0.033	0.032			
26880	14:00:02	0.021	0.032			
26940	14:01:02	0.046	0.034			
27000	14:02:02	0.031	0.034			
27060	14:03:02	0.03	0.035			
27120	14:04:02	0.025	0.035			
27180	14:05:02	0.033	0.037			
27240	14:06:02	0.038	0.036			
27300	14:07:02	0.028	0.035			
27360	14:08:02	0.037	0.035			
27420	14:09:02	0.028	0.034			
27480	14:10:02	0.033	0.035			

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
27540	14:11:02	0.045	0.035			
27600	14:12:02	0.027	0.035			
27660	14:13:02	0.032	0.036			
27720	14:14:02	0.023	0.035			
27780	14:15:02	0.052	0.037			
27840	14:16:02	0.051	0.035			
27900	14:17:02	0.042	0.034			
27960	14:18:02	0.033	0.032			
28020	14:19:02	0.047	0.032			
28080	14:20:02	0.024	0.031			
28140	14:21:02	0.025	0.031			
28200	14:22:02	0.022	0.031			
28260	14:23:02	0.025	0.031			
28320	14:24:02	0.037	0.031			
28380	14:25:02	0.045	0.031			
28440	14:26:02	0.037	0.029			
28500	14:27:02	0.039	0.028			
28560	14:28:02	0.027	0.028			
28620	14:29:02	0.045	0.028			
28680	14:30:02	0.031	0.026			
28740	14:31:02	0.026	0.026			
28800	14:32:02	0.023	0.025			
28860	14:33:02	0.025	0.025			
28920	14:34:02	0.031	0.025			
28980	14:35:02	0.022	0.025			
29040	14:36:02	0.026	0.025			
29100	14:37:02	0.027	0.025			
29160	14:38:02	0.024	0.025			
29220	14:39:02	0.031	0.024			
29280	14:40:02	0.024	0.024			
29340	14:41:02	0.024	0.024			
29400	14:42:02	0.031	0.024			
29460	14:43:02	0.023	0.023			
29520	14:44:02	0.023	0.023			
29580	14:45:02	0.024	0.023			
29640	14:46:02	0.022	0.023			
29700	14:47:02	0.022	0.023			
29760	14:48:02	0.022	0.023			
29820	14:49:02	0.023	0.023			
29880	14:50:02	0.023	0.023			
29940	14:51:02	0.031	0.023			
30000	14:52:02	0.022	0.023			
30060	14:53:02	0.022	0.023			
30120	14:54:02	0.023	0.023			
30180	14:55:02	0.023	0.023			
30240	14:56:02	0.022	0.023			
30300	14:57:02	0.022	0.023			
30360	14:58:02	0.023	0.023			
30420	14:59:02	0.023	0.023			
30480	15:00:02	0.022	0.023			
30540	15:01:02	0.022	0.023			
30600	15:02:02	0.023	0.023			
30660	15:03:02	0.022	0.023			

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
30720	15:04:02	0.024	0.023			
30780	15:05:02	0.023	0.023			
30840	15:06:02	0.024	0.023			
30900	15:07:02	0.024	0.023			
30960	15:08:02	0.024	0.023			
31020	15:09:02	0.023	0.023			
31080	15:10:02	0.022	0.023			
31140	15:11:02	0.023	0.023			
31200	15:12:02	0.023	0.023			
31260	15:13:02	0.023	0.023			
31320	15:14:02	0.023	0.023			
31380	15:15:02	0.023	0.023			
31440	15:16:02	0.023	0.023			
31500	15:17:02	0.023	0.023			

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6/28/19 6:29 AM						
60	6:29:48	0.022	0.019	0.0	0.0	0.0
120	6:30:48	0.022	0.019	0.0	0.0	0.0
180	6:31:48	0.02	0.019	0.0	0.0	0.0
240	6:32:48	0.018	0.018	0.0	0.0	0.0
300	6:33:48	0.019	0.018	0.0	0.0	0.0
360	6:34:48	0.018	0.018	0.0	0.0	0.0
420	6:35:48	0.021	0.018	0.0	0.0	0.0
480	6:36:48	0.021	0.018	0.0	0.0	0.0
540	6:37:48	0.021	0.018	0.0	0.0	0.0
600	6:38:48	0.02	0.018	0.0	0.0	0.0
660	6:39:48	0.018	0.018	0.0	0.0	0.0
720	6:40:48	0.017	0.018	0.0	0.0	0.0
780	6:41:48	0.017	0.018	0.0	0.0	0.0
840	6:42:48	0.017	0.019	0.0	0.0	0.0
900	6:43:48	0.017	0.019	0.0	0.0	0.0
960	6:44:48	0.018	0.019	0.0	0.0	0.0
1020	6:45:48	0.017	0.019	0.0	0.0	0.0
1080	6:46:48	0.017	0.019	0.0	0.0	0.0
1140	6:47:48	0.017	0.019	0.0	0.0	0.0
1200	6:48:48	0.019	0.019	0.0	0.0	0.0
1260	6:49:48	0.02	0.019	0.0	0.0	0.0
1320	6:50:48	0.02	0.018	0.0	0.0	0.0
1380	6:51:48	0.02	0.018	0.0	0.0	0.0
1440	6:52:48	0.022	0.018	0.0	0.0	0.0
1500	6:53:48	0.017	0.017	0.0	0.0	0.0
1560	6:54:48	0.017	0.017	0.0	0.0	0.0
1620	6:55:48	0.019	0.017	0.0	0.0	0.0
1680	6:56:48	0.021	0.017	0.0	0.0	0.0
1740	6:57:48	0.022	0.017	0.0	0.0	0.0
1800	6:58:48	0.017	0.017	0.0	0.0	0.0
1860	6:59:48	0.017	0.017	0.0	0.0	0.0
1920	7:00:48	0.017	0.017	0.0	0.0	0.0
1980	7:01:48	0.017	0.018	0.0	0.0	0.0
2040	7:02:48	0.016	0.018	0.0	0.0	0.0
2100	7:03:48	0.016	0.018	0.0	0.0	0.0
2160	7:04:48	0.016	0.018	0.0	0.0	0.0
2220	7:05:48	0.017	0.018	0.0	0.0	0.0
2280	7:06:48	0.017	0.018	0.0	0.0	0.0
2340	7:07:48	0.016	0.018	0.0	0.0	0.0
2400	7:08:48	0.017	0.018	0.0	0.0	0.0
2460	7:09:48	0.017	0.018	0.0	0.0	0.0
2520	7:10:48	0.017	0.018	0.0	0.0	0.0
2580	7:11:48	0.018	0.017	0.0	0.0	0.0
2640	7:12:48	0.021	0.018	0.0	0.0	0.0
2700	7:13:48	0.019	0.017	0.0	0.0	0.0
2760	7:14:48	0.018	0.017	0.0	0.0	0.0
2820	7:15:48	0.022	0.017	0.0	0.0	0.0
2880	7:16:48	0.02	0.017	0.0	0.0	0.0
2940	7:17:48	0.016	0.017	0.0	0.0	0.0
3000	7:18:48	0.016	0.017	0.0	0.0	0.0
3060	7:19:48	0.018	0.018	0.0	0.0	0.0
3120	7:20:48	0.016	0.017	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	7:21:48	0.015	0.018	0.0	0.0	0.0
3240	7:22:48	0.015	0.018	0.0	0.0	0.0
3300	7:23:48	0.016	0.018	0.0	0.0	0.0
3360	7:24:48	0.016	0.019	0.0	0.0	0.0
3420	7:25:48	0.016	0.019	0.0	0.0	0.0
3480	7:26:48	0.021	0.019	0.0	0.0	0.0
3540	7:27:48	0.018	0.019	0.0	0.0	0.0
3600	7:28:48	0.019	0.018	0.0	0.0	0.0
3660	7:29:48	0.017	0.018	0.0	0.0	0.0
3720	7:30:48	0.016	0.018	0.0	0.0	0.0
3780	7:31:48	0.018	0.018	0.0	0.0	0.0
3840	7:32:48	0.021	0.018	0.0	0.0	0.0
3900	7:33:48	0.021	0.018	0.0	0.0	0.0
3960	7:34:48	0.017	0.018	0.0	0.0	0.0
4020	7:35:48	0.017	0.018	0.0	0.0	0.0
4080	7:36:48	0.023	0.018	0.0	0.0	0.0
4140	7:37:48	0.02	0.017	0.0	0.0	0.0
4200	7:38:48	0.018	0.017	0.0	0.0	0.0
4260	7:39:48	0.018	0.017	0.0	0.0	0.0
4320	7:40:48	0.018	0.017	0.0	0.0	0.0
4380	7:41:48	0.017	0.017	0.0	0.0	0.0
4440	7:42:48	0.017	0.017	0.0	0.0	0.0
4500	7:43:48	0.016	0.017	0.0	0.0	0.0
4560	7:44:48	0.019	0.017	0.0	0.1	0.0
4620	7:45:48	0.017	0.017	0.0	0.0	0.0
4680	7:46:48	0.017	0.017	0.0	0.0	0.0
4740	7:47:48	0.016	0.017	0.0	0.0	0.0
4800	7:48:48	0.016	0.018	0.0	0.0	0.0
4860	7:49:48	0.016	0.018	0.0	0.0	0.0
4920	7:50:48	0.016	0.018	0.0	0.0	0.0
4980	7:51:48	0.019	0.019	0.0	0.0	0.0
5040	7:52:48	0.017	0.019	0.0	0.0	0.0
5100	7:53:48	0.016	0.019	0.0	0.0	0.0
5160	7:54:48	0.017	0.019	0.0	0.0	0.0
5220	7:55:48	0.019	0.019	0.0	0.0	0.0
5280	7:56:48	0.021	0.019	0.0	0.0	0.0
5340	7:57:48	0.018	0.020	0.0	0.0	0.0
5400	7:58:48	0.017	0.023	0.0	0.0	0.0
5460	7:59:48	0.017	0.036	0.0	0.0	0.0
5520	8:00:48	0.016	0.038	0.0	0.0	0.0
5580	8:01:48	0.017	0.044	0.0	0.0	0.0
5640	8:02:48	0.021	0.044	0.0	0.0	0.0
5700	8:03:48	0.019	0.044	0.0	0.0	0.0
5760	8:04:48	0.026	0.044	0.0	0.0	0.0
5820	8:05:48	0.022	0.044	0.0	0.0	0.0
5880	8:06:48	0.018	0.043	0.0	0.0	0.1
5940	8:07:48	0.018	0.043	0.0	0.0	0.1
6000	8:08:48	0.016	0.044	0.0	0.0	0.1
6060	8:09:48	0.016	0.044	0.0	0.1	0.1
6120	8:10:48	0.017	0.047	0.0	0.0	0.1
6180	8:11:48	0.037	0.047	0.0	0.1	0.1
6240	8:12:48	0.075	0.045	0.1	0.1	0.1
6300	8:13:48	0.2	0.042	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6360	8:14:48	0.058	0.029	0.1	0.2	0.1
6420	8:15:48	0.105	0.026	0.1	0.3	0.1
6480	8:16:48	0.019	0.021	0.0	0.0	0.1
6540	8:17:48	0.017	0.020	0.1	0.2	0.1
6600	8:18:48	0.017	0.020	0.1	0.1	0.1
6660	8:19:48	0.019	0.020	0.1	0.2	0.1
6720	8:20:48	0.019	0.020	0.1	0.3	0.0
6780	8:21:48	0.019	0.020	0.1	0.5	0.0
6840	8:22:48	0.019	0.020	0.2	0.5	0.0
6900	8:23:48	0.019	0.019	0.2	0.7	0.0
6960	8:24:48	0.06	0.019	0.1	0.2	0.0
7020	8:25:48	0.017	0.016	0.0	0.0	0.0
7080	8:26:48	0.018	0.017	0.0	0.0	0.0
7140	8:27:48	0.017	0.017	0.0	0.0	0.0
7200	8:28:48	0.016	0.017	0.0	0.0	0.0
7260	8:29:48	0.016	0.017	0.0	0.0	0.0
7320	8:30:48	0.016	0.017	0.0	0.0	0.0
7380	8:31:48	0.016	0.017	0.0	0.0	0.0
7440	8:32:48	0.017	0.017	0.0	0.0	0.0
7500	8:33:48	0.016	0.017	0.0	0.0	0.0
7560	8:34:48	0.015	0.017	0.0	0.0	0.0
7620	8:35:48	0.017	0.017	0.0	0.0	0.0
7680	8:36:48	0.016	0.017	0.0	0.0	0.0
7740	8:37:48	0.015	0.017	0.0	0.0	0.0
7800	8:38:48	0.016	0.017	0.0	0.0	0.0
7860	8:39:48	0.019	0.017	0.0	0.0	0.0
7920	8:40:48	0.019	0.017	0.0	0.0	0.0
7980	8:41:48	0.02	0.017	0.0	0.0	0.0
8040	8:42:48	0.019	0.016	0.0	0.0	0.0
8100	8:43:48	0.017	0.016	0.0	0.0	0.0
8160	8:44:48	0.016	0.016	0.0	0.0	0.0
8220	8:45:48	0.016	0.016	0.0	0.0	0.0
8280	8:46:48	0.015	0.016	0.0	0.0	0.0
8340	8:47:48	0.016	0.017	0.0	0.0	0.0
8400	8:48:48	0.015	0.017	0.0	0.0	0.0
8460	8:49:48	0.015	0.018	0.0	0.1	0.0
8520	8:50:48	0.016	0.018	0.1	0.1	0.0
8580	8:51:48	0.02	0.019	0.1	0.2	0.0
8640	8:52:48	0.016	0.019	0.0	0.1	0.0
8700	8:53:48	0.015	0.019	0.0	0.0	0.0
8760	8:54:48	0.016	0.019	0.0	0.0	0.0
8820	8:55:48	0.016	0.019	0.0	0.0	0.0
8880	8:56:48	0.015	0.019	0.0	0.0	0.0
8940	8:57:48	0.016	0.019	0.0	0.0	0.0
9000	8:58:48	0.016	0.019	0.0	0.1	0.0
9060	8:59:48	0.019	0.019	0.0	0.1	0.0
9120	9:00:48	0.019	0.019	0.0	0.0	0.0
9180	9:01:48	0.023	0.019	0.0	0.0	0.0
9240	9:02:48	0.023	0.019	0.0	0.0	0.0
9300	9:03:48	0.022	0.018	0.0	0.0	0.1
9360	9:04:48	0.024	0.018	0.0	0.0	0.1
9420	9:05:48	0.027	0.017	0.0	0.0	0.1
9480	9:06:48	0.017	0.017	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9540	9:07:48	0.016	0.017	0.1	0.1	0.0
9600	9:08:48	0.016	0.017	0.0	0.1	0.0
9660	9:09:48	0.016	0.017	0.0	0.0	0.0
9720	9:10:48	0.015	0.017	0.0	0.1	0.0
9780	9:11:48	0.016	0.017	0.1	0.1	0.0
9840	9:12:48	0.016	0.017	0.1	0.1	0.1
9900	9:13:48	0.017	0.017	0.0	0.1	0.1
9960	9:14:48	0.021	0.017	0.1	0.2	0.1
10020	9:15:48	0.017	0.018	0.1	0.2	0.1
10080	9:16:48	0.016	0.018	0.1	0.1	0.1
10140	9:17:48	0.016	0.018	0.1	0.1	0.1
10200	9:18:48	0.016	0.019	0.0	0.0	0.1
10260	9:19:48	0.016	0.019	0.0	0.0	0.1
10320	9:20:48	0.017	0.019	0.0	0.0	0.1
10380	9:21:48	0.017	0.019	0.0	0.0	0.1
10440	9:22:48	0.016	0.019	0.0	0.0	0.1
10500	9:23:48	0.016	0.019	0.0	0.0	0.1
10560	9:24:48	0.016	0.019	0.0	0.0	0.2
10620	9:25:48	0.017	0.019	0.1	0.7	0.2
10680	9:26:48	0.021	0.019	0.3	0.6	0.2
10740	9:27:48	0.019	0.019	0.3	0.8	0.1
10800	9:28:48	0.02	0.020	0.6	2.2	0.1
10860	9:29:48	0.023	0.020	0.2	0.3	0.1
10920	9:30:48	0.024	0.020	0.1	0.1	0.1
10980	9:31:48	0.02	0.020	0.1	0.1	0.1
11040	9:32:48	0.02	0.020	0.1	0.1	0.1
11100	9:33:48	0.017	0.020	0.1	0.1	0.1
11160	9:34:48	0.019	0.020	0.1	0.1	0.1
11220	9:35:48	0.018	0.020	0.0	0.1	0.0
11280	9:36:48	0.018	0.025	0.1	0.1	0.1
11340	9:37:48	0.017	0.025	0.1	0.1	0.0
11400	9:38:48	0.018	0.026	0.1	0.1	0.0
11460	9:39:48	0.016	0.026	0.1	0.1	0.0
11520	9:40:48	0.018	0.026	0.0	0.1	0.0
11580	9:41:48	0.019	0.026	0.0	0.1	0.0
11640	9:42:48	0.028	0.026	0.0	0.1	0.0
11700	9:43:48	0.025	0.025	0.0	0.1	0.0
11760	9:44:48	0.022	0.025	0.0	0.0	0.0
11820	9:45:48	0.019	0.024	0.1	0.3	0.0
11880	9:46:48	0.022	0.025	0.1	0.2	0.0
11940	9:47:48	0.02	0.024	0.0	0.1	0.0
12000	9:48:48	0.02	0.024	0.1	0.2	0.0
12060	9:49:48	0.018	0.024	0.0	0.1	0.0
12120	9:50:48	0.094	0.025	0.1	0.4	0.0
12180	9:51:48	0.018	0.021	0.0	0.0	0.0
12240	9:52:48	0.029	0.022	0.0	0.0	0.0
12300	9:53:48	0.018	0.022	0.0	0.0	0.0
12360	9:54:48	0.017	0.022	0.0	0.0	0.0
12420	9:55:48	0.018	0.022	0.0	0.0	0.0
12480	9:56:48	0.019	0.021	0.0	0.0	0.0
12540	9:57:48	0.018	0.021	0.0	0.0	0.0
12600	9:58:48	0.018	0.022	0.0	0.0	0.0
12660	9:59:48	0.017	0.022	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12720	10:00:48	0.022	0.021	0.0	0.0	0.0
12780	10:01:48	0.018	0.021	0.0	0.0	0.0
12840	10:02:48	0.017	0.021	0.0	0.0	0.0
12900	10:03:48	0.025	0.021	0.0	0.1	0.0
12960	10:04:48	0.023	0.021	0.0	0.1	0.0
13020	10:05:48	0.044	0.020	0.1	0.1	0.1
13080	10:06:48	0.03	0.018	0.0	0.1	0.1
13140	10:07:48	0.021	0.018	0.0	0.0	0.1
13200	10:08:48	0.017	0.017	0.0	0.0	0.1
13260	10:09:48	0.016	0.017	0.1	0.1	0.1
13320	10:10:48	0.017	0.017	0.1	0.3	0.1
13380	10:11:48	0.019	0.017	0.2	0.7	0.1
13440	10:12:48	0.021	0.017	0.1	0.1	0.1
13500	10:13:48	0.016	0.017	0.1	0.1	0.1
13560	10:14:48	0.016	0.017	0.0	0.1	0.1
13620	10:15:48	0.017	0.018	0.0	0.0	0.1
13680	10:16:48	0.017	0.018	0.0	0.0	0.1
13740	10:17:48	0.017	0.018	0.0	0.0	0.1
13800	10:18:48	0.017	0.018	0.0	0.1	0.1
13860	10:19:48	0.019	0.018	0.2	0.9	0.1
13920	10:20:48	0.017	0.018	0.1	0.1	0.1
13980	10:21:48	0.017	0.018	0.1	0.1	0.1
14040	10:22:48	0.017	0.019	0.1	0.1	0.1
14100	10:23:48	0.017	0.019	0.1	0.1	0.1
14160	10:24:48	0.017	0.019	0.1	0.1	0.1
14220	10:25:48	0.017	0.019	0.1	0.2	0.1
14280	10:26:48	0.017	0.020	0.1	0.1	0.1
14340	10:27:48	0.019	0.020	0.1	0.1	0.1
14400	10:28:48	0.019	0.020	0.1	0.1	0.1
14460	10:29:48	0.019	0.021	0.1	0.1	0.1
14520	10:30:48	0.018	0.021	0.1	0.1	0.1
14580	10:31:48	0.021	0.021	0.1	0.1	0.1
14640	10:32:48	0.021	0.021	0.1	0.1	0.1
14700	10:33:48	0.019	0.021	0.1	0.1	0.1
14760	10:34:48	0.018	0.021	0.1	0.1	0.1
14820	10:35:48	0.019	0.022	0.1	0.1	0.1
14880	10:36:48	0.02	0.022	0.1	0.1	0.1
14940	10:37:48	0.021	0.022	0.1	0.1	0.2
15000	10:38:48	0.021	0.022	0.1	0.1	0.2
15060	10:39:48	0.021	0.023	0.1	0.1	0.2
15120	10:40:48	0.021	0.023	0.1	0.1	0.2
15180	10:41:48	0.022	0.023	0.1	0.1	0.2
15240	10:42:48	0.023	0.024	0.2	0.5	0.2
15300	10:43:48	0.027	0.024	0.1	0.2	0.2
15360	10:44:48	0.025	0.024	0.1	0.2	0.2
15420	10:45:48	0.022	0.024	0.2	0.3	0.2
15480	10:46:48	0.02	0.024	0.2	0.4	0.2
15540	10:47:48	0.02	0.026	0.2	0.4	0.2
15600	10:48:48	0.02	0.026	0.2	0.2	0.3
15660	10:49:48	0.021	0.026	0.2	0.3	0.3
15720	10:50:48	0.023	0.027	0.2	0.3	0.3
15780	10:51:48	0.024	0.027	0.2	0.3	0.3
15840	10:52:48	0.023	0.027	0.2	0.2	0.3

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	10:53:48	0.027	0.027	0.2	0.2	0.3
15960	10:54:48	0.026	0.027	0.2	0.2	0.4
16020	10:55:48	0.027	0.027	0.2	0.2	0.4
16080	10:56:48	0.036	0.027	0.2	0.2	0.4
16140	10:57:48	0.025	0.026	0.2	0.2	0.4
16200	10:58:48	0.025	0.026	0.2	0.2	0.5
16260	10:59:48	0.025	0.026	0.2	0.2	0.5
16320	11:00:48	0.025	0.025	0.2	0.3	0.5
16380	11:01:48	0.038	0.025	0.7	1.1	0.5
16440	11:02:48	0.026	0.024	0.8	1.6	0.5
16500	11:03:48	0.026	0.024	0.6	1.4	0.4
16560	11:04:48	0.027	0.024	0.5	0.9	0.4
16620	11:05:48	0.024	0.024	0.3	0.3	0.4
16680	11:06:48	0.024	0.024	0.3	0.3	0.4
16740	11:07:48	0.023	0.023	0.2	0.3	0.4
16800	11:08:48	0.028	0.023	1.0	2.2	0.4
16860	11:09:48	0.024	0.023	0.6	1.4	0.3
16920	11:10:48	0.023	0.023	0.5	0.9	0.3
16980	11:11:48	0.023	0.023	0.4	0.9	0.3
17040	11:12:48	0.023	0.024	0.3	0.3	0.3
17100	11:13:48	0.024	0.024	0.3	0.3	0.3
17160	11:14:48	0.023	0.024	0.3	0.4	0.3
17220	11:15:48	0.024	0.024	0.3	0.4	0.3
17280	11:16:48	0.024	0.024	0.5	1.3	0.3
17340	11:17:48	0.023	0.024	0.3	0.5	0.3
17400	11:18:48	0.024	0.026	0.4	1.2	0.3
17460	11:19:48	0.022	0.026	0.3	0.3	0.3
17520	11:20:48	0.022	0.026	0.3	0.3	0.3
17580	11:21:48	0.022	0.026	0.3	0.3	0.3
17640	11:22:48	0.023	0.026	0.2	0.3	0.3
17700	11:23:48	0.024	0.026	0.2	0.2	0.3
17760	11:24:48	0.024	0.026	0.2	0.2	0.3
17820	11:25:48	0.025	0.027	0.2	0.2	0.3
17880	11:26:48	0.028	0.027	0.3	0.5	0.3
17940	11:27:48	0.03	0.027	0.6	1.1	0.2
18000	11:28:48	0.025	0.026	0.3	0.4	0.2
18060	11:29:48	0.025	0.027	0.3	0.3	0.2
18120	11:30:48	0.024	0.027	0.2	0.3	0.2
18180	11:31:48	0.025	0.027	0.2	0.2	0.2
18240	11:32:48	0.041	0.028	0.3	0.3	0.2
18300	11:33:48	0.026	0.027	0.2	0.3	0.2
18360	11:34:48	0.024	0.027	0.2	0.2	0.2
18420	11:35:48	0.025	0.027	0.2	0.2	0.2
18480	11:36:48	0.025	0.028	0.2	0.2	0.3
18540	11:37:48	0.025	0.028	0.2	0.2	0.3
18600	11:38:48	0.025	0.028	0.2	0.2	0.3
18660	11:39:48	0.025	0.028	0.2	0.2	0.3
18720	11:40:48	0.026	0.028	0.2	0.2	0.3
18780	11:41:48	0.028	0.028	0.2	0.2	0.3
18840	11:42:48	0.028	0.027	0.2	0.2	0.3
18900	11:43:48	0.026	0.027	0.2	0.2	0.3
18960	11:44:48	0.031	0.027	0.2	0.2	0.3
19020	11:45:48	0.032	0.026	0.2	0.2	0.3

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
19080	11:46:48	0.037	0.026	0.2	0.2	0.3
19140	11:47:48	0.028	0.025	0.2	0.2	0.3
19200	11:48:48	0.026	0.025	0.2	0.2	0.3
19260	11:49:48	0.023	0.028	0.2	0.2	0.3
19320	11:50:48	0.039	0.029	1.4	4.2	0.4
19380	11:51:48	0.023	0.028	0.3	0.4	0.3
19440	11:52:48	0.023	0.029	0.2	0.3	0.3
19500	11:53:48	0.023	0.030	0.2	0.2	0.4
19560	11:54:48	0.023	0.030	0.2	0.2	0.4
19620	11:55:48	0.023	0.030	0.2	0.2	0.4
19680	11:56:48	0.024	0.030	0.2	0.2	0.4
19740	11:57:48	0.024	0.033	0.2	0.2	0.5
19800	11:58:48	0.024	0.036	0.2	0.2	0.6
19860	11:59:48	0.024	0.036	0.2	0.2	0.6
19920	12:00:48	0.025	0.036	0.2	0.2	0.6
19980	12:01:48	0.024	0.035	0.2	0.2	0.6
20040	12:02:48	0.024	0.035	0.2	0.2	0.6
20100	12:03:48	0.075	0.037	0.9	1.8	0.7
20160	12:04:48	0.034	0.033	0.5	0.8	0.7
20220	12:05:48	0.027	0.032	0.4	0.8	0.6
20280	12:06:48	0.039	0.032	0.9	2.6	0.6
20340	12:07:48	0.044	0.031	0.9	2.4	0.6
20400	12:08:48	0.022	0.029	0.3	0.5	0.5
20460	12:09:48	0.021	0.029	0.3	0.3	0.5
20520	12:10:48	0.021	0.029	0.3	0.4	0.5
20580	12:11:48	0.06	0.029	1.2	3.2	0.5
20640	12:12:48	0.077	0.027	2.0	5.0	0.5
20700	12:13:48	0.021	0.023	0.4	0.5	0.3
20760	12:14:48	0.021	0.023	0.3	0.3	0.3
20820	12:15:48	0.021	0.023	0.3	0.3	0.3
20880	12:16:48	0.022	0.023	0.3	0.6	0.3
20940	12:17:48	0.044	0.023	1.3	4.0	0.3
21000	12:18:48	0.021	0.022	0.4	0.8	0.2
21060	12:19:48	0.021	0.022	0.3	0.5	0.2
21120	12:20:48	0.021	0.022	0.3	0.3	0.2
21180	12:21:48	0.021	0.022	0.2	0.2	0.2
21240	12:22:48	0.021	0.022	0.2	0.2	0.2
21300	12:23:48	0.022	0.022	0.3	0.4	0.2
21360	12:24:48	0.022	0.022	0.2	0.3	0.2
21420	12:25:48	0.022	0.022	0.2	0.3	0.2
21480	12:26:48	0.023	0.022	0.2	0.5	0.2
21540	12:27:48	0.02	0.022	0.2	0.2	0.2
21600	12:28:48	0.021	0.022	0.2	0.2	0.2
21660	12:29:48	0.022	0.022	0.2	0.2	0.2
21720	12:30:48	0.022	0.022	0.2	0.2	0.2
21780	12:31:48	0.022	0.022	0.2	0.2	0.2
21840	12:32:48	0.022	0.022	0.2	0.2	0.2
21900	12:33:48	0.022	0.022	0.2	0.2	0.2
21960	12:34:48	0.022	0.022	0.2	0.2	0.2
22020	12:35:48	0.021	0.022	0.2	0.2	0.2
22080	12:36:48	0.022	0.022	0.2	0.2	0.2
22140	12:37:48	0.022	0.023	0.2	0.2	0.2
22200	12:38:48	0.024	0.022	0.3	0.7	0.2

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
22260	12:39:48	0.027	0.023	0.5	1.4	0.2
22320	12:40:48	0.022	0.022	0.2	0.3	0.2
22380	12:41:48	0.021	0.022	0.2	0.3	0.2
22440	12:42:48	0.022	0.022	0.3	0.7	0.2
22500	12:43:48	0.021	0.023	0.2	0.2	0.2
22560	12:44:48	0.021	0.023	0.2	0.2	0.2
22620	12:45:48	0.021	0.023	0.2	0.2	0.2
22680	12:46:48	0.021	0.023	0.2	0.2	0.2
22740	12:47:48	0.022	0.023	0.2	0.2	0.2
22800	12:48:48	0.023	0.023	0.2	0.2	0.2
22860	12:49:48	0.023	0.022	0.2	0.2	0.2
22920	12:50:48	0.024	0.022	0.2	0.2	0.2
22980	12:51:48	0.024	0.022	0.2	0.2	0.3
23040	12:52:48	0.021	0.022	0.2	0.2	0.3
23100	12:53:48	0.025	0.022	0.2	0.2	0.3
23160	12:54:48	0.025	0.025	0.2	0.2	0.3
23220	12:55:48	0.022	0.024	0.1	0.1	0.3
23280	12:56:48	0.021	0.024	0.2	0.2	0.3
23340	12:57:48	0.024	0.024	0.2	0.2	0.3
23400	12:58:48	0.023	0.024	0.2	0.2	0.3
23460	12:59:48	0.021	0.024	0.2	0.2	0.3
23520	13:00:48	0.02	0.026	0.2	0.2	0.3
23580	13:01:48	0.02	0.026	0.2	0.2	0.3
23640	13:02:48	0.022	0.026	0.2	0.3	0.3
23700	13:03:48	0.021	0.026	0.3	0.7	0.3
23760	13:04:48	0.021	0.026	0.6	1.6	0.3
23820	13:05:48	0.021	0.026	0.7	1.7	0.3
23880	13:06:48	0.021	0.026	0.5	1.6	0.2
23940	13:07:48	0.028	0.026	0.8	1.8	0.2
24000	13:08:48	0.058	0.026	0.3	0.3	0.2
24060	13:09:48	0.021	0.023	0.2	0.2	0.2
24120	13:10:48	0.022	0.024	0.2	0.2	0.1
24180	13:11:48	0.021	0.024	0.2	0.3	0.1
24240	13:12:48	0.022	0.024	0.2	0.2	0.1
24300	13:13:48	0.025	0.024	0.2	0.2	0.1
24360	13:14:48	0.041	0.024	0.2	0.2	0.1
24420	13:15:48	0.025	0.022	0.2	0.2	0.1
24480	13:16:48	0.023	0.022	0.2	0.2	0.1
24540	13:17:48	0.023	0.022	0.1	0.2	0.1
24600	13:18:48	0.021	0.022	0.1	0.1	0.1
24660	13:19:48	0.02	0.022	0.1	0.1	0.1
24720	13:20:48	0.021	0.022	0.1	0.1	0.1
24780	13:21:48	0.02	0.023	0.1	0.1	0.1
24840	13:22:48	0.022	0.023	0.1	0.1	0.1
24900	13:23:48	0.024	0.023	0.1	0.1	0.1
24960	13:24:48	0.024	0.023	0.1	0.1	0.1
25020	13:25:48	0.025	0.022	0.1	0.1	0.1
25080	13:26:48	0.024	0.022	0.1	0.1	0.1
25140	13:27:48	0.021	0.022	0.1	0.1	0.1
25200	13:28:48	0.02	0.022	0.1	0.1	0.1
25260	13:29:48	0.022	0.022	0.1	0.1	0.1
25320	13:30:48	0.022	0.022	0.1	0.1	0.1
25380	13:31:48	0.021	0.022	0.1	0.1	0.1

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
25440	13:32:48	0.022	0.022	0.1	0.1	0.1
25500	13:33:48	0.024	0.022	0.1	0.1	0.1
25560	13:34:48	0.021	0.022	0.1	0.1	0.1
25620	13:35:48	0.026	0.022	0.2	0.5	0.1
25680	13:36:48	0.025	0.022	0.1	0.3	0.1
25740	13:37:48	0.022	0.022	0.1	0.1	0.1
25800	13:38:48	0.021	0.022	0.1	0.1	0.1
25860	13:39:48	0.021	0.022	0.1	0.1	0.1
25920	13:40:48	0.021	0.022	0.1	0.1	0.1
25980	13:41:48	0.021	0.022	0.1	0.1	0.1
26040	13:42:48	0.022	0.022	0.1	0.1	0.1
26100	13:43:48	0.022	0.022	0.1	0.1	0.1
26160	13:44:48	0.022	0.022	0.1	0.1	0.1
26220	13:45:48	0.021	0.022	0.1	0.1	0.1
26280	13:46:48	0.024	0.022	0.3	1.1	0.1
26340	13:47:48	0.022	0.021	0.1	0.2	0.1
26400	13:48:48	0.023	0.021	0.2	0.4	0.1
26460	13:49:48	0.023	0.021	0.1	0.3	0.1
26520	13:50:48	0.022	0.021	0.1	0.1	0.1
26580	13:51:48	0.021	0.020	0.1	0.1	0.1
26640	13:52:48	0.022	0.020	0.1	0.1	0.1
26700	13:53:48	0.021	0.020	0.1	0.1	0.1
26760	13:54:48	0.022	0.020	0.1	0.2	0.1
26820	13:55:48	0.025	0.020	0.1	0.1	0.1
26880	13:56:48	0.02	0.019	0.1	0.1	0.1
26940	13:57:48	0.019	0.019	0.1	0.1	0.1
27000	13:58:48	0.019	0.019	0.1	0.1	0.1
27060	13:59:48	0.021	0.019	0.1	0.1	0.1
27120	14:00:48	0.019	0.019	0.1	0.1	0.1
27180	14:01:48	0.019	0.019	0.1	0.2	0.1
27240	14:02:48	0.02	0.019	0.1	0.2	0.1
27300	14:03:48	0.019	0.019	0.1	0.1	0.1
27360	14:04:48	0.02	0.019	0.1	0.1	0.1
27420	14:05:48	0.019	0.019	0.1	0.1	0.1
27480	14:06:48	0.019	0.019	0.1	0.1	0.1
27540	14:07:48	0.019	0.019	0.1	0.1	0.1
27600	14:08:48	0.019	0.019	0.1	0.1	0.1
27660	14:09:48	0.019	0.019	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/3/19 6:47 AM						
60	6:47:18	0.036	0.035	0.0	0.1	0.0
120	6:48:18	0.037	0.035	0.0	0.0	0.0
180	6:49:18	0.035	0.035	0.0	0.0	0.0
240	6:50:18	0.036	0.035	0.0	0.0	0.0
300	6:51:18	0.036	0.035	0.0	0.0	0.0
360	6:52:18	0.035	0.035	0.0	0.0	0.0
420	6:53:18	0.035	0.035	0.0	0.0	0.0
480	6:54:18	0.036	0.035	0.0	0.0	0.0
540	6:55:18	0.036	0.035	0.0	0.0	0.0
600	6:56:18	0.034	0.035	0.0	0.0	0.0
660	6:57:18	0.034	0.035	0.0	0.0	0.0
720	6:58:18	0.035	0.036	0.0	0.0	0.0
780	6:59:18	0.034	0.036	0.0	0.0	0.0
840	7:00:18	0.034	0.036	0.0	0.0	0.0
900	7:01:18	0.033	0.036	0.0	0.0	0.0
960	7:02:18	0.038	0.036	0.0	0.0	0.0
1020	7:03:18	0.035	0.036	0.0	0.0	0.0
1080	7:04:18	0.035	0.036	0.0	0.0	0.0
1140	7:05:18	0.036	0.036	0.0	0.0	0.0
1200	7:06:18	0.035	0.036	0.0	0.0	0.0
1260	7:07:18	0.035	0.036	0.0	0.0	0.0
1320	7:08:18	0.037	0.036	0.0	0.0	0.0
1380	7:09:18	0.036	0.035	0.0	0.0	0.0
1440	7:10:18	0.036	0.035	0.0	0.0	0.0
1500	7:11:18	0.038	0.035	0.0	0.0	0.0
1560	7:12:18	0.036	0.035	0.0	0.0	0.0
1620	7:13:18	0.04	0.035	0.0	0.0	0.0
1680	7:14:18	0.038	0.034	0.0	0.0	0.0
1740	7:15:18	0.036	0.034	0.0	0.0	0.0
1800	7:16:18	0.033	0.034	0.0	0.0	0.0
1860	7:17:18	0.036	0.034	0.0	0.0	0.0
1920	7:18:18	0.034	0.033	0.0	0.0	0.0
1980	7:19:18	0.034	0.033	0.0	0.0	0.0
2040	7:20:18	0.034	0.033	0.0	0.0	0.0
2100	7:21:18	0.033	0.033	0.0	0.0	0.0
2160	7:22:18	0.032	0.033	0.0	0.0	0.0
2220	7:23:18	0.032	0.033	0.0	0.0	0.0
2280	7:24:18	0.034	0.033	0.0	0.0	0.0
2340	7:25:18	0.033	0.033	0.0	0.0	0.0
2400	7:26:18	0.035	0.033	0.0	0.0	0.0
2460	7:27:18	0.035	0.033	0.0	0.0	0.0
2520	7:28:18	0.034	0.033	0.0	0.0	0.0
2580	7:29:18	0.034	0.032	0.0	0.0	0.0
2640	7:30:18	0.033	0.032	0.0	0.0	0.0
2700	7:31:18	0.032	0.032	0.0	0.0	0.0
2760	7:32:18	0.031	0.032	0.0	0.0	0.0
2820	7:33:18	0.031	0.032	0.0	0.0	0.0
2880	7:34:18	0.032	0.032	0.0	0.0	0.0
2940	7:35:18	0.032	0.032	0.0	0.0	0.0
3000	7:36:18	0.034	0.032	0.0	0.0	0.0
3060	7:37:18	0.033	0.032	0.0	0.0	0.0
3120	7:38:18	0.034	0.032	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	7:39:18	0.032	0.032	0.0	0.0	0.0
3240	7:40:18	0.034	0.032	0.0	0.0	0.0
3300	7:41:18	0.031	0.031	0.0	0.0	0.0
3360	7:42:18	0.031	0.031	0.0	0.0	0.0
3420	7:43:18	0.031	0.031	0.0	0.0	0.0
3480	7:44:18	0.033	0.031	0.0	0.0	0.0
3540	7:45:18	0.033	0.031	0.0	0.0	0.0
3600	7:46:18	0.031	0.031	0.0	0.0	0.0
3660	7:47:18	0.031	0.031	0.0	0.0	0.0
3720	7:48:18	0.031	0.031	0.0	0.0	0.0
3780	7:49:18	0.031	0.031	0.0	0.0	0.0
3840	7:50:18	0.031	0.031	0.0	0.0	0.0
3900	7:51:18	0.032	0.031	0.0	0.0	0.0
3960	7:52:18	0.031	0.031	0.0	0.0	0.0
4020	7:53:18	0.031	0.031	0.0	0.0	0.0
4080	7:54:18	0.031	0.031	0.0	0.0	0.0
4140	7:55:18	0.031	0.031	0.0	0.0	0.0
4200	7:56:18	0.032	0.031	0.0	0.0	0.0
4260	7:57:18	0.031	0.031	0.0	0.0	0.0
4320	7:58:18	0.031	0.031	0.0	0.0	0.0
4380	7:59:18	0.031	0.031	0.0	0.0	0.0
4440	8:00:18	0.03	0.031	0.0	0.0	0.0
4500	8:01:18	0.031	0.031	0.0	0.0	0.0
4560	8:02:18	0.031	0.031	0.0	0.0	0.0
4620	8:03:18	0.03	0.031	0.0	0.0	0.0
4680	8:04:18	0.03	0.031	0.0	0.0	0.0
4740	8:05:18	0.031	0.031	0.0	0.0	0.0
4800	8:06:18	0.031	0.031	0.0	0.0	0.0
4860	8:07:18	0.033	0.031	0.0	0.0	0.0
4920	8:08:18	0.036	0.031	0.0	0.0	0.0
4980	8:09:18	0.031	0.031	0.0	0.0	0.0
5040	8:10:18	0.032	0.031	0.0	0.0	0.0
5100	8:11:18	0.031	0.031	0.0	0.0	0.0
5160	8:12:18	0.031	0.031	0.0	0.0	0.0
5220	8:13:18	0.031	0.030	0.0	0.0	0.0
5280	8:14:18	0.03	0.030	0.0	0.0	0.0
5340	8:15:18	0.03	0.030	0.0	0.0	0.0
5400	8:16:18	0.031	0.030	0.0	0.0	0.0
5460	8:17:18	0.032	0.030	0.0	0.0	0.0
5520	8:18:18	0.031	0.030	0.0	0.0	0.0
5580	8:19:18	0.031	0.030	0.0	0.0	0.0
5640	8:20:18	0.03	0.030	0.0	0.0	0.0
5700	8:21:18	0.03	0.031	0.0	0.0	0.0
5760	8:22:18	0.03	0.031	0.0	0.0	0.0
5820	8:23:18	0.03	0.031	0.0	0.0	0.0
5880	8:24:18	0.03	0.032	0.0	0.0	0.0
5940	8:25:18	0.031	0.032	0.0	0.0	0.0
6000	8:26:18	0.03	0.032	0.0	0.0	0.0
6060	8:27:18	0.03	0.032	0.0	0.0	0.0
6120	8:28:18	0.029	0.033	0.0	0.0	0.0
6180	8:29:18	0.029	0.033	0.0	0.0	0.0
6240	8:30:18	0.031	0.033	0.0	0.0	0.0
6300	8:31:18	0.031	0.033	0.0	0.0	0.0

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6360	8:32:18	0.034	0.033	0.0	0.0	0.0
6420	8:33:18	0.03	0.032	0.0	0.0	0.0
6480	8:34:18	0.031	0.033	0.0	0.0	0.0
6540	8:35:18	0.037	0.033	0.0	0.0	0.0
6600	8:36:18	0.033	0.032	0.0	0.0	0.0
6660	8:37:18	0.036	0.032	0.0	0.0	0.0
6720	8:38:18	0.034	0.032	0.0	0.0	0.0
6780	8:39:18	0.034	0.032	0.0	0.0	0.0
6840	8:40:18	0.037	0.032	0.0	0.0	0.0
6900	8:41:18	0.031	0.031	0.0	0.0	0.0
6960	8:42:18	0.031	0.031	0.0	0.0	0.0
7020	8:43:18	0.031	0.031	0.0	0.0	0.0
7080	8:44:18	0.03	0.031	0.0	0.0	0.0
7140	8:45:18	0.032	0.031	0.0	0.0	0.0
7200	8:46:18	0.031	0.031	0.0	0.0	0.0
7260	8:47:18	0.029	0.031	0.0	0.0	0.0
7320	8:48:18	0.032	0.032	0.0	0.0	0.0
7380	8:49:18	0.032	0.032	0.0	0.0	0.0
7440	8:50:18	0.031	0.031	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
7/3/19 7:05 AM						
60	7:05:49	0.16	0.019	0.0	0.0	0.0
120	7:06:49	0.009	0.008	0.0	0.0	0.0
180	7:07:49	0.009	0.008	0.0	0.0	0.0
240	7:08:49	0.009	0.008	0.0	0.0	0.0
300	7:09:49	0.009	0.008	0.0	0.0	0.0
360	7:10:49	0.008	0.008	0.0	0.0	0.0
420	7:11:49	0.008	0.008	0.0	0.0	0.0
480	7:12:49	0.008	0.008	0.0	0.0	0.0
540	7:13:49	0.009	0.008	0.0	0.0	0.0
600	7:14:49	0.009	0.008	0.0	0.0	0.0
660	7:15:49	0.009	0.008	0.0	0.0	0.0
720	7:16:49	0.008	0.007	0.0	0.0	0.0
780	7:17:49	0.009	0.007	0.0	0.0	0.0
840	7:18:49	0.008	0.007	0.0	0.0	0.0
900	7:19:49	0.007	0.007	0.0	0.0	0.0
960	7:20:49	0.007	0.007	0.0	0.0	0.0
1020	7:21:49	0.007	0.007	0.0	0.0	0.0
1080	7:22:49	0.007	0.007	0.0	0.0	0.0
1140	7:23:49	0.006	0.007	0.0	0.0	0.0
1200	7:24:49	0.006	0.007	0.0	0.0	0.0
1260	7:25:49	0.008	0.007	0.0	0.0	0.0
1320	7:26:49	0.008	0.007	0.0	0.0	0.0
1380	7:27:49	0.007	0.007	0.0	0.0	0.0
1440	7:28:49	0.007	0.007	0.0	0.0	0.0
1500	7:29:49	0.009	0.007	0.0	0.0	0.0
1560	7:30:49	0.008	0.007	0.0	0.0	0.0
1620	7:31:49	0.008	0.007	0.0	0.0	0.0
1680	7:32:49	0.007	0.007	0.0	0.0	0.0
1740	7:33:49	0.007	0.007	0.0	0.0	0.0
1800	7:34:49	0.007	0.007	0.0	0.0	0.0
1860	7:35:49	0.006	0.007	0.0	0.0	0.0
1920	7:36:49	0.006	0.007	0.0	0.0	0.0
1980	7:37:49	0.006	0.007	0.0	0.0	0.0
2040	7:38:49	0.007	0.007	0.0	0.0	0.0
2100	7:39:49	0.007	0.007	0.0	0.0	0.0
2160	7:40:49	0.006	0.007	0.0	0.0	0.0
2220	7:41:49	0.007	0.008	0.0	0.0	0.0
2280	7:42:49	0.007	0.008	0.0	0.0	0.0
2340	7:43:49	0.008	0.008	0.0	0.0	0.0
2400	7:44:49	0.009	0.007	0.0	0.0	0.0
2460	7:45:49	0.008	0.007	0.0	0.0	0.0
2520	7:46:49	0.01	0.007	0.0	0.0	0.0
2580	7:47:49	0.008	0.007	0.0	0.0	0.0
2640	7:48:49	0.008	0.007	0.0	0.0	0.0
2700	7:49:49	0.007	0.007	0.0	0.0	0.0
2760	7:50:49	0.007	0.007	0.0	0.0	0.0
2820	7:51:49	0.006	0.007	0.0	0.0	0.0
2880	7:52:49	0.006	0.007	0.0	0.0	0.0
2940	7:53:49	0.007	0.008	0.0	0.0	0.0
3000	7:54:49	0.007	0.008	0.0	0.0	0.0
3060	7:55:49	0.008	0.008	0.0	0.0	0.0
3120	7:56:49	0.007	0.009	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
3180	7:57:49	0.007	0.009	0.0	0.0	0.0
3240	7:58:49	0.007	0.009	0.0	0.0	0.0
3300	7:59:49	0.006	0.009	0.0	0.0	0.0
3360	8:00:49	0.007	0.009	0.0	0.0	0.0
3420	8:01:49	0.007	0.009	0.0	0.0	0.0
3480	8:02:49	0.007	0.009	0.0	0.0	0.0
3540	8:03:49	0.007	0.009	0.0	0.0	0.0
3600	8:04:49	0.008	0.009	0.0	0.0	0.0
3660	8:05:49	0.008	0.009	0.0	0.0	0.0
3720	8:06:49	0.009	0.009	0.0	0.0	0.0
3780	8:07:49	0.014	0.009	0.0	0.0	0.0
3840	8:08:49	0.012	0.008	0.0	0.0	0.0
3900	8:09:49	0.011	0.008	0.0	0.0	0.0
3960	8:10:49	0.012	0.008	0.0	0.0	0.0
4020	8:11:49	0.011	0.007	0.0	0.0	0.0
4080	8:12:49	0.007	0.007	0.0	0.0	0.0
4140	8:13:49	0.007	0.007	0.0	0.0	0.0
4200	8:14:49	0.008	0.007	0.0	0.0	0.0
4260	8:15:49	0.007	0.007	0.0	0.0	0.0
4320	8:16:49	0.007	0.007	0.0	0.0	0.0
4380	8:17:49	0.007	0.007	0.0	0.0	0.0
4440	8:18:49	0.007	0.007	0.0	0.0	0.0
4500	8:19:49	0.007	0.008	0.0	0.0	0.0
4560	8:20:49	0.007	0.008	0.0	0.0	0.0
4620	8:21:49	0.007	0.008	0.0	0.0	0.0
4680	8:22:49	0.008	0.008	0.0	0.0	0.0
4740	8:23:49	0.007	0.008	0.0	0.0	0.0
4800	8:24:49	0.008	0.008	0.0	0.0	0.0
4860	8:25:49	0.007	0.008	0.0	0.0	0.0
4920	8:26:49	0.007	0.008	0.0	0.0	0.0
4980	8:27:49	0.007	0.008	0.0	0.0	0.0
5040	8:28:49	0.01	0.008	0.0	0.0	0.0
5100	8:29:49	0.008	0.008	0.0	0.0	0.0
5160	8:30:49	0.008	0.008	0.0	0.0	0.0
5220	8:31:49	0.007	0.008	0.0	0.0	0.0
5280	8:32:49	0.007	0.008	0.0	0.0	0.0
5340	8:33:49	0.009	0.008	0.0	0.0	0.0
5400	8:34:49	0.007	0.008	0.0	0.0	0.0
5460	8:35:49	0.007	0.008	0.0	0.0	0.0
5520	8:36:49	0.008	0.008	0.0	0.0	0.0
5580	8:37:49	0.007	0.008	0.0	0.0	0.0
5640	8:38:49	0.007	0.008	0.0	0.0	0.0
5700	8:39:49	0.007	0.008	0.0	0.0	0.0
5760	8:40:49	0.007	0.008	0.0	0.0	0.0
5820	8:41:49	0.007	0.008	0.0	0.0	0.0
5880	8:42:49	0.009	0.008	0.0	0.0	0.0
5940	8:43:49	0.011	0.008	0.0	0.0	0.0
6000	8:44:49	0.009	0.008	0.0	0.0	0.0
6060	8:45:49	0.011	0.008	0.0	0.0	0.0
6120	8:46:49	0.008	0.007	0.0	0.0	0.0
6180	8:47:49	0.007	0.007	0.0	0.0	0.0
6240	8:48:49	0.007	0.007	0.0	0.0	0.0
6300	8:49:49	0.007	0.007	0.0	0.0	0.0

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
6360	8:50:49	0.007	0.007	0.0	0.0	0.0
6420	8:51:49	0.007	0.007	0.0	0.0	0.0
6480	8:52:49	0.008	0.007	0.0	0.0	0.0
6540	8:53:49	0.007	0.007	0.0	0.0	0.0
6600	8:54:49	0.007	0.007	0.0	0.0	0.0
6660	8:55:49	0.008	0.007	0.0	0.0	0.0
6720	8:56:49	0.007	0.007	0.0	0.0	0.0
6780	8:57:49	0.008	0.007	0.0	0.0	0.0
6840	8:58:49	0.007	0.007	0.0	0.0	0.0
6900	8:59:49	0.008	0.007	0.0	0.0	0.0
6960	9:00:49	0.006	0.007	0.0	0.0	0.0
7020	9:01:49	0.007	0.007	0.0	0.0	0.0
7080	9:02:49	0.007	0.007	0.0	0.0	0.0
7140	9:03:49	0.007	0.007	0.0	0.0	0.0
7200	9:04:49	0.007	0.007	0.0	0.0	0.0
7260	9:05:49	0.006	0.007	0.0	0.0	0.0
7320	9:06:49	0.007	0.007	0.0	0.0	0.0
7380	9:07:49	0.007	0.007	0.0	0.0	0.0
7440	9:08:49	0.008	0.007	0.0	0.0	0.0
7500	9:09:49	0.008	0.007	0.0	0.0	0.0
7560	9:10:49	0.009	0.007	0.0	0.0	0.0
7620	9:11:49	0.009	0.007	0.0	0.0	0.0
7680	9:12:49	0.006	0.007	0.0	0.0	0.1
7740	9:13:49	0.006	0.008	0.0	0.1	0.1
7800	9:14:49	0.01	0.008	0.1	0.1	0.1
7860	9:15:49	0.007	0.008	0.1	0.1	0.1
7920	9:16:49	0.006	0.008	0.1	0.1	0.1
7980	9:17:49	0.006	0.008	0.1	0.1	0.1
8040	9:18:49	0.006	0.008	0.0	0.0	0.1
8100	9:19:49	0.006	0.008	0.0	0.0	0.1
8160	9:20:49	0.006	0.008	0.0	0.0	0.1
8220	9:21:49	0.006	0.008	0.0	0.0	0.1
8280	9:22:49	0.006	0.008	0.0	0.1	0.1
8340	9:23:49	0.006	0.008	0.1	0.1	0.1
8400	9:24:49	0.007	0.008	0.1	0.1	0.1
8460	9:25:49	0.009	0.008	0.1	0.1	0.1
8520	9:26:49	0.008	0.007	0.1	0.1	0.1
8580	9:27:49	0.018	0.007	0.1	0.1	0.1
8640	9:28:49	0.01	0.007	0.1	0.1	0.1
8700	9:29:49	0.007	0.007	0.1	0.1	0.1
8760	9:30:49	0.007	0.007	0.1	0.1	0.1
8820	9:31:49	0.006	0.007	0.1	0.1	0.1
8880	9:32:49	0.006	0.007	0.1	0.1	0.1
8940	9:33:49	0.006	0.007	0.1	0.1	0.1
9000	9:34:49	0.006	0.007	0.1	0.1	0.1
9060	9:35:49	0.006	0.007	0.1	0.1	0.1
9120	9:36:49	0.006	0.008	0.1	0.1	0.1
9180	9:37:49	0.006	0.008	0.1	0.1	0.1
9240	9:38:49	0.006	0.008	0.1	0.1	0.1
9300	9:39:49	0.006	0.008	0.1	0.1	0.1
9360	9:40:49	0.007	0.008	0.1	0.1	0.1
9420	9:41:49	0.008	0.008	0.1	0.1	0.1
9480	9:42:49	0.011	0.008	0.1	0.1	0.1

CAMP Station

CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
9540	9:43:49	0.011	0.008	0.1	0.1	0.1
9600	9:44:49	0.007	0.008	0.1	0.1	0.1
9660	9:45:49	0.007	0.009	0.1	0.1	0.1
9720	9:46:49	0.007	0.009	0.1	0.1	0.1
9780	9:47:49	0.008	0.009	0.1	0.1	0.1
9840	9:48:49	0.008	0.009	0.1	0.1	0.1
9900	9:49:49	0.008	0.009	0.1	0.1	0.1
9960	9:50:49	0.008	0.009	0.1	0.1	0.1
10020	9:51:49	0.008	0.009	0.1	0.1	0.1
10080	9:52:49	0.008	0.009	0.1	0.1	0.1
10140	9:53:49	0.009	0.009	0.1	0.1	0.1
10200	9:54:49	0.008	0.010	0.1	0.1	0.1
10260	9:55:49	0.008	0.010	0.1	0.1	0.1
10320	9:56:49	0.007	0.010	0.1	0.1	0.1
10380	9:57:49	0.01	0.010	0.1	0.1	0.1
10440	9:58:49	0.01	0.011	0.1	0.1	0.1
10500	9:59:49	0.021	0.011	0.1	0.1	0.1
10560	10:00:49	0.009	0.011	0.1	0.1	0.1
10620	10:01:49	0.008	0.011	0.1	0.1	0.1
10680	10:02:49	0.009	0.011	0.1	0.1	0.1
10740	10:03:49	0.009	0.011	0.1	0.1	0.1
10800	10:04:49	0.008	0.011	0.1	0.1	0.1
10860	10:05:49	0.007	0.011	0.1	0.1	0.1
10920	10:06:49	0.009	0.011	0.1	0.1	0.1
10980	10:07:49	0.009	0.011	0.1	0.1	0.1
11040	10:08:49	0.023	0.012	0.1	0.1	0.1
11100	10:09:49	0.009	0.012	0.1	0.1	0.1
11160	10:10:49	0.008	0.012	0.1	0.1	0.1
11220	10:11:49	0.008	0.013	0.1	0.1	0.1
11280	10:12:49	0.011	0.016	0.1	0.1	0.1
11340	10:13:49	0.019	0.016	0.1	0.1	0.1
11400	10:14:49	0.012	0.026	0.1	0.1	0.1
11460	10:15:49	0.009	0.027	0.1	0.1	0.1
11520	10:16:49	0.009	0.034	0.1	0.1	0.1
11580	10:17:49	0.01	0.042	0.1	0.1	0.1
11640	10:18:49	0.015	0.042	0.1	0.1	0.1
11700	10:19:49	0.01	0.042	0.1	0.1	0.1
11760	10:20:49	0.009	0.042	0.1	0.1	0.1
11820	10:21:49	0.01	0.042	0.1	0.1	0.1
11880	10:22:49	0.017	0.042	0.1	0.1	0.1
11940	10:23:49	0.029	0.042	0.1	0.1	0.1
12000	10:24:49	0.011	0.040	0.1	0.1	0.1
12060	10:25:49	0.02	0.040	0.1	0.1	0.1
12120	10:26:49	0.042	0.040	0.1	0.1	0.1
12180	10:27:49	0.021	0.038	0.1	0.1	0.1
12240	10:28:49	0.163	0.040	0.1	0.1	0.1
12300	10:29:49	0.037	0.030	0.1	0.2	0.1
12360	10:30:49	0.113	0.028	0.1	0.2	0.1
12420	10:31:49	0.125	0.022	0.1	0.1	0.1
12480	10:32:49	0.009	0.014	0.1	0.1	0.1
12540	10:33:49	0.009	0.021	0.1	0.1	0.1
12600	10:34:49	0.011	0.024	0.1	0.1	0.1
12660	10:35:49	0.01	0.024	0.1	0.1	0.1

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
12720	10:36:49	0.01	0.025	0.1	0.1	0.1
12780	10:37:49	0.015	0.026	0.1	0.1	0.1
12840	10:38:49	0.01	0.027	0.1	0.1	0.1
12900	10:39:49	0.01	0.027	0.1	0.1	0.1
12960	10:40:49	0.01	0.027	0.1	0.1	0.1
13020	10:41:49	0.011	0.027	0.1	0.1	0.1
13080	10:42:49	0.061	0.027	0.1	0.1	0.1
13140	10:43:49	0.013	0.024	0.1	0.1	0.1
13200	10:44:49	0.01	0.029	0.1	0.1	0.1
13260	10:45:49	0.01	0.029	0.1	0.1	0.1
13320	10:46:49	0.012	0.032	0.1	0.1	0.1
13380	10:47:49	0.107	0.038	0.1	0.1	0.1
13440	10:48:49	0.053	0.032	0.1	0.1	0.1
13500	10:49:49	0.012	0.029	0.1	0.2	0.1
13560	10:50:49	0.031	0.029	0.1	0.1	0.1
13620	10:51:49	0.03	0.027	0.1	0.1	0.1
13680	10:52:49	0.023	0.026	0.1	0.1	0.1
13740	10:53:49	0.014	0.025	0.1	0.1	0.1
13800	10:54:49	0.01	0.025	0.1	0.1	0.1
13860	10:55:49	0.01	0.025	0.1	0.1	0.1
13920	10:56:49	0.01	0.026	0.1	0.1	0.1
13980	10:57:49	0.018	0.026	0.1	0.2	0.1
14040	10:58:49	0.079	0.025	0.1	0.2	0.1
14100	10:59:49	0.022	0.021	0.1	0.1	0.1
14160	11:00:49	0.055	0.020	0.1	0.2	0.2
14220	11:01:49	0.098	0.017	0.1	0.2	0.2
14280	11:02:49	0.01	0.011	0.1	0.2	0.2
14340	11:03:49	0.01	0.012	0.2	0.2	0.2
14400	11:04:49	0.01	0.012	0.2	0.2	0.2
14460	11:05:49	0.01	0.012	0.1	0.2	0.2
14520	11:06:49	0.01	0.012	0.1	0.1	0.2
14580	11:07:49	0.011	0.012	0.1	0.1	0.2
14640	11:08:49	0.015	0.012	0.1	0.2	0.2
14700	11:09:49	0.014	0.012	0.2	0.2	0.2
14760	11:10:49	0.012	0.012	0.2	0.2	0.2
14820	11:11:49	0.013	0.012	0.2	0.2	0.2
14880	11:12:49	0.013	0.012	0.2	0.2	0.2
14940	11:13:49	0.011	0.012	0.2	0.2	0.2
15000	11:14:49	0.011	0.012	0.2	0.2	0.2
15060	11:15:49	0.011	0.012	0.2	0.2	0.2
15120	11:16:49	0.011	0.013	0.2	0.2	0.2
15180	11:17:49	0.013	0.013	0.2	0.2	0.2
15240	11:18:49	0.012	0.013	0.2	0.2	0.2
15300	11:19:49	0.012	0.021	0.2	0.2	0.2
15360	11:20:49	0.011	0.021	0.2	0.2	0.2
15420	11:21:49	0.011	0.021	0.2	0.2	0.2
15480	11:22:49	0.011	0.021	0.2	0.2	0.2
15540	11:23:49	0.012	0.022	0.2	0.2	0.2
15600	11:24:49	0.011	0.022	0.2	0.2	0.2
15660	11:25:49	0.012	0.022	0.2	0.2	0.2
15720	11:26:49	0.012	0.022	0.2	0.2	0.2
15780	11:27:49	0.012	0.023	0.2	0.2	0.2
15840	11:28:49	0.013	0.023	0.2	0.2	0.2

CAMP Station
CHA - 3

Elapsed Time (seconds)	Timestamp	Mass Concentration Total (mg/m3)	Dustrak TWA (mg/m3)	PID Average (ppm)	PID Maximum (ppm)	PID TWA (ppm)
15900	11:29:49	0.013	0.023	0.2	0.2	0.2
15960	11:30:49	0.022	0.025	0.2	0.2	0.2
16020	11:31:49	0.014	0.025	0.2	0.2	0.2
16080	11:32:49	0.018	0.027	0.2	0.2	0.2
16140	11:33:49	0.127	0.027	0.2	0.2	0.2
16200	11:34:49	0.014	0.020	0.2	0.3	0.2
16260	11:35:49	0.014	0.022	0.2	0.3	0.2
16320	11:36:49	0.015	0.031	0.2	0.2	0.2
16380	11:37:49	0.015	0.036	0.2	0.2	0.2
16440	11:38:49	0.015	0.037	0.2	0.2	0.2
16500	11:39:49	0.016	0.037	0.2	0.2	0.2
16560	11:40:49	0.015	0.038	0.2	0.2	0.2
16620	11:41:49	0.018	0.038	0.2	0.2	0.2
16680	11:42:49	0.016	0.038	0.2	0.2	0.2
16740	11:43:49	0.018	0.039	0.2	0.2	0.2
16800	11:44:49	0.038	0.039	0.2	0.2	0.2
16860	11:45:49	0.017	0.038	0.2	0.2	0.2
16920	11:46:49	0.054	0.038	0.2	0.2	0.2
16980	11:47:49	0.017	0.035	0.2	0.3	0.2
17040	11:48:49	0.021	0.036	0.2	0.3	0.2
17100	11:49:49	0.046	0.036	0.2	0.2	0.2
17160	11:50:49	0.144	0.035	0.2	0.2	0.2
17220	11:51:49	0.087	0.027	0.2	0.3	0.2
17280	11:52:49	0.028	0.022	0.3	0.4	0.2
17340	11:53:49	0.02	0.022	0.2	0.3	0.2
17400	11:54:49	0.029	0.023	0.2	0.2	0.2
17460	11:55:49	0.02	0.022	0.2	0.2	0.2
17520	11:56:49	0.019	0.023	0.2	0.2	0.2
17580	11:57:49	0.022	0.023	0.2	0.2	0.2
17640	11:58:49	0.019	0.023	0.2	0.2	0.2
17700	11:59:49	0.02	0.024	0.2	0.2	0.2
17760	12:00:49	0.02	0.024	0.2	0.2	0.2
17820	12:01:49	0.02	0.025	0.2	0.2	0.2
17880	12:02:49	0.02	0.025	0.2	0.2	0.2
17940	12:03:49	0.02	0.026	0.2	0.2	0.2
18000	12:04:49	0.032	0.026	0.2	0.2	0.2
18060	12:05:49	0.024	0.026	0.2	0.2	0.2
18120	12:06:49	0.021	0.026	0.2	0.2	0.2
18180	12:07:49	0.021	0.027	0.2	0.2	0.2
18240	12:08:49	0.032	0.029	0.2	0.2	0.2
18300	12:09:49	0.026	0.028	0.2	0.3	0.2
18360	12:10:49	0.029	0.029	0.2	0.2	0.2

APPENDIX F

Waste Disposal Manifests



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090770

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	6/26/19				
TRUCK # 353	TRAILER # 423				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Ranb LI Taylor LLC 1200 State Fair Blvd Syracuse N.Y.	
NO. PIECES 1 load	ARTICLES OR DESCRIPTION Contaminated Soil	WEIGHT WEIGHT IN WEIGHT OUT BILLED WEIGHT

SHIPPER SIGNATURE Ben Mkn PRINT NAME Benjamin
DRIVER SIGNATURE Matt PRINT NAME Matt

SPECIAL INSTRUCTIONS:

Approval # 19-059

DESTINATION:

Seneca Meadows

FOR APPROVAL: CONSIGNEE PRINT NAME CONSIGNEE SIGN HERE (NO INITIALS)	FIRM DATE BY TIME	☐ AM ☐ PM	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
RECEIVED ABOVE MATERIAL IN GOOD CONDITION			

White Copy - Riccelli

Yellow Copy - Driver

Pink Copy - Land Fill

Gold Copy - Shipper



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090766

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	6/27/19	6:25			7:30
TRUCK # 352	TRAILER # 407				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115		SHIPPER RANLLI TAYLOR LLC	
NO. PIECES	ARTICLES OR DESCRIPTION		WEIGHT
1	Non Haz Contaminated Soil	WEIGHT IN	128620
		WEIGHT OUT	41120
		BILLED WEIGHT	87500

SHIPPER SIGNATURE [Signature] PRINT NAME Benjamin

DRIVER SIGNATURE [Signature] PRINT NAME Mitch Williams

SPECIAL INSTRUCTIONS:

DESTINATION:
Seneca meadows Land Fill

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.	
CONSIGNEE PRINT NAME			
CONSIGNEE SIGN HERE (NO INITIALS)			
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM		
BY		TIME	

White Copy - Riccelli

Yellow Copy - Driver

Pink Copy - Land Fill

Gold Copy - Shipper



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090768

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	6/27/19	1:40			2:35
TRUCK # 352	TRAILER # 407				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Ranalli Taylor Steel LLC	
NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Contaminated Soil	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT
		102280
		41420
		60860

SHIPPER SIGNATURE [Signature] PRINT NAME _____

DRIVER SIGNATURE [Signature] PRINT NAME Match Williams

SPECIAL INSTRUCTIONS:

DESTINATION:
Seneca meadows

FOR APPROVAL: _____	Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.	
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE _____	☐ AM
	BY _____ TIME _____	☐ PM

White Copy - Riccelli

Yellow Copy - Driver

Pink Copy - Land Fill

Gold Copy - Shipper



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090769

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	6/27/19				
TRUCK # 353	TRAILER # T-425				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER Ranalli Taylor Street LLC 1200 State Fair Blvd Syracuse N.Y. 13209	
NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1 load	Contaminated Soil	WEIGHT IN
		WEIGHT OUT
		BILLED WEIGHT

SHIPPER SIGNATURE Benjamin PRINT NAME Benjamin

DRIVER SIGNATURE Matt PRINT NAME Matt

SPECIAL INSTRUCTIONS:

Approval # 19-059

DESTINATION:

A Seneca Meadows

FOR APPROVAL:		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME		
CONSIGNEE SIGN HERE (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM <u>6/27/19</u> DATE <u>6/27/19</u> TIME <u>AM</u> ☐ PM ☐	

White Copy - Riccelli

Yellow Copy - Driver

Pink Copy - Land Fill

Gold Copy - Shipper



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090767

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME	IN	/	OUT
	6/27/19	10:28			11:10
TRUCK # 352	TRAILER # 407				

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER RANALLI TAYLOR STREET LLC
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Contaminated Soil	WEIGHT IN 100560
		WEIGHT OUT 40620
		BILLED WEIGHT 59940

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Mitch Williams PRINT NAME Mitch Williams

SPECIAL INSTRUCTIONS:

DESTINATION:

Seneca MEADOWES

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE _____ BY _____ TIME _____ ☐ AM ☐ PM	

White Copy - Riccelli

Yellow Copy - Driver

Pink Copy - Land Fill

Gold Copy - Shipper



Syracuse
P.O. Box 6418
Syracuse, NY 13217
(315) 433-5115

Rochester
6800 W. Henrietta Road
Rush, NY 14543
(585) 344-8410

Geneva
1210 Gifford Road
Phelps, NY 14532
(315) 548-4049

090767

NON-HAZARDOUS SOLID WASTE MANIFEST

TRANSPORTER RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217	DATE	TIME IN	OUT
	6/27/19	10:28	11:10
TRUCK # 352	TRAILER # 407		

CONSIGNEE RICCELLI ENTERPRISES INC. P.O. BOX 6418 SYRACUSE, NY 13217 PHONE # (315) 433-5115	SHIPPER RANALLI TAYLOR STREET, 40
---	--

NO. PIECES	ARTICLES OR DESCRIPTION	WEIGHT
1	Contaminated Soil	WEIGHT IN 100560
		WEIGHT OUT 406260
		BILLED WEIGHT 59940

SHIPPER SIGNATURE _____ PRINT NAME _____

DRIVER SIGNATURE Mitch Williams PRINT NAME Mitch Williams

SPECIAL INSTRUCTIONS:
DESTINATION: Seneca MEADOWES

FOR APPROVAL: _____		Solid waste being interpreted to mean only solid waste or waste containing animal and vegetable matter, rubbish, trash, debris, ashes and metal non-toxic sludge and other waste materials which is not a radioactive volatile, highly flammable explosive toxic or hazardous nature as listed.
CONSIGNEE PRINT NAME _____		
CONSIGNEE SIGN HERE _____ (NO INITIALS)		
RECEIVED ABOVE MATERIAL IN GOOD CONDITION	FIRM _____ DATE _____ BY _____ TIME _____ ☐ AM ☐ PM	

Ben Weitsman of Syracuse

333 Bridge St.
Solvay, NY 13209
(315) 488-3171

SETTLEMENT NO:

569099

Weight of tanks

CUSTOMER: UNITED AUTO SUPPLY

PO BOX 890
SYRACUSE NY 13209

DATE: 06/28/2019

LOAD DATE: 06/28/2019

TRAILER NO:

CARRIER NO: UNITED AUTO

BOL NO:

<u>Description</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Lbs</u>	<u>Price</u>	<u>Amount</u>
SY405 - Shearing	14840	13020	1820		

Total:

ON HOLD

WHITE 4DR CHEVY W/TRAILER

Ben Weitsman of Syracuse

333 Bridge St.
Solvay, NY 13209
(315) 488-3171

Weight of Tanks

SETTLEMENT NO:
569120

CUSTOMER: UNITED AUTO SUPPLY

PO BOX 890
SYRACUSE NY 13209

DATE: 06/28/2019

LOAD DATE: 06/28/2019

TRAILER NO:

CARRIER NO: UNITED AUTO

BOL NO:

<u>Description</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Lbs</u>	<u>Price</u>	<u>Amount</u>
SY405 - Shearing	14780	13020	1760		

Total:

ON HOLD

WHITE 4DR CHEVY W/TRAIELR



NON HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

Top Notch Property Management
140 Cortland Ave.
Syracuse NY 13202

4. Generator's Phone ()

5. Transporter 1 Company Name

NRC East Environmental Services, Inc.

6. US EPA ID Number

MAC 300098399

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

Industrial Oil Tank Service Corp.
120 Dry Road
Oriskany NY 13424

10. US EPA ID Number

NYR 000005298

A. Non-Hazardous Manifest Document Number

NHZ001 85009

B. S.G.I. (Gen. Site Address)

SAME

C. S.T.I. (Lic. Plate #)

D. Transporter's Phone 978-465-1595

E. S.T.I. (Lic. Plate #)

F. Transporter's Phone

G. State Facility's ID

SAME

H. Facility's Phone

315-736-6080

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. NON RCRA, NON-DOT REGULATED LIQUIDS
(Oil & Water)12. Containers
No. Type8
000 DM 00300 G13. Total
Quantity14. Unit
Wt/Vol

I. Waste No.

State NONE
State NONE

b.

c.

d.

J. Additional Descriptions for Materials Listed Above

Approval # CESME10006

K. Handling Codes for Wastes Listed Above

Interim Final Interim Final

a.

b.

a.

b.

c.

d.

c.

d.

15. Special Handling Instructions and Additional Information

ER CONTACT: NRC- 1)
24 HOURS
800-899-4672

CESME 10006

Point of Departure:

NRC JOB#

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable state laws and regulations.

Printed/Typed Name

Andrew Jackson

Signature

Andrew Jackson

Month Day Year

09/17/19

17. Transporter 1 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Shawn Schiltz

Signature

Shawn Schiltz

Month Day Year

09/17/19

18. Transporter 2 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Signature

Month Day Year

09/17/19

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Date

Printed/Typed Name

Mark Blisse

Signature

Mark Blisse

Month Day Year

09/17/19

ORIGINAL-RETURN TO GENERATOR

APPENDIX G

Post-Excavation Soil Sampling Analytical Reports





ANALYTICAL REPORT

Lab Number:	L1928651
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Meghan Platt
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE
Project Number:	33525
Report Date:	07/03/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928651-01	SOIL-B-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 09:30	06/28/19
L1928651-02	SOIL-B-201	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 09:50	06/28/19
L1928651-03	SOIL-SW-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:05	06/28/19
L1928651-04	SOIL-SW-201	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:20	06/28/19
L1928651-05	SOIL-SW-202	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:35	06/28/19
L1928651-06	SOIL-SW-203	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:50	06/28/19

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Case Narrative (continued)

Report Submission

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

Volatile Organics

L1928651-01, -04 and -05: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The surrogate recovery for the following samples is outside the acceptance criteria for 4-bromofluorobenzene; however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L1928651-01: 233%

L1928651-04: 253%

L1928651-05: 175%

L1928651-06: 136%

1,4-Dioxane by 8270-SIM

L1928651-01 and -04: The sample has an elevated detection limit due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1928651-03: The sample has an elevated detection limit due to the dilution required by the sample matrix.

Total Metals

L1928651-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1255915-3 MS recoveries for aluminum (577%), calcium (0%), iron (2080%), and magnesium (0%), performed on L1928651-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1255915-3 MS recoveries, performed on L1928651-01, are outside the acceptance criteria for lead

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Case Narrative (continued)

(270%), thallium (74%) and zinc (34%). A post digestion spike was performed and was within acceptance criteria.

The WG1255915-3 MS recovery, performed on L1928651-01, is outside the acceptance criteria for manganese (162%). A post digestion spike was performed and yielded an unacceptable recovery of 74%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.

The WG1255915-4 Laboratory Duplicate RPD for zinc (29%), performed on L1928651-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature:

 Amita Naik

Title: Technical Director/Representative

Date: 07/03/19

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01 D
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/01/19 20:45
 Analyst: NLK
 Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	4800	2200	10
1,1-Dichloroethane	ND		ug/kg	960	140	10
Chloroform	ND		ug/kg	1400	130	10
Carbon tetrachloride	ND		ug/kg	960	220	10
1,2-Dichloropropane	ND		ug/kg	960	120	10
Dibromochloromethane	ND		ug/kg	960	130	10
1,1,2-Trichloroethane	ND		ug/kg	960	260	10
Tetrachloroethene	12000		ug/kg	480	190	10
Chlorobenzene	ND		ug/kg	480	120	10
Trichlorofluoromethane	ND		ug/kg	3800	670	10
1,2-Dichloroethane	ND		ug/kg	960	250	10
1,1,1-Trichloroethane	ND		ug/kg	480	160	10
Bromodichloromethane	ND		ug/kg	480	100	10
trans-1,3-Dichloropropene	ND		ug/kg	960	260	10
cis-1,3-Dichloropropene	ND		ug/kg	480	150	10
Bromoform	ND		ug/kg	3800	240	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	480	160	10
Benzene	ND		ug/kg	480	160	10
Toluene	ND		ug/kg	960	520	10
Ethylbenzene	ND		ug/kg	960	140	10
Chloromethane	ND		ug/kg	3800	890	10
Bromomethane	ND		ug/kg	1900	560	10
Vinyl chloride	ND		ug/kg	960	320	10
Chloroethane	ND		ug/kg	1900	430	10
1,1-Dichloroethene	ND		ug/kg	960	230	10
trans-1,2-Dichloroethene	ND		ug/kg	1400	130	10
Trichloroethene	610		ug/kg	480	130	10
1,2-Dichlorobenzene	ND		ug/kg	1900	140	10

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01 D
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1900	140	10
1,4-Dichlorobenzene	ND		ug/kg	1900	160	10
Methyl tert butyl ether	ND		ug/kg	1900	190	10
p/m-Xylene	ND		ug/kg	1900	540	10
o-Xylene	ND		ug/kg	960	280	10
cis-1,2-Dichloroethene	2400		ug/kg	960	170	10
Styrene	ND		ug/kg	960	190	10
Dichlorodifluoromethane	ND		ug/kg	9600	880	10
Acetone	ND		ug/kg	9600	4600	10
Carbon disulfide	ND		ug/kg	9600	4400	10
2-Butanone	ND		ug/kg	9600	2100	10
4-Methyl-2-pentanone	ND		ug/kg	9600	1200	10
2-Hexanone	ND		ug/kg	9600	1100	10
Bromochloromethane	ND		ug/kg	1900	200	10
1,2-Dibromoethane	ND		ug/kg	960	270	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2900	960	10
Isopropylbenzene	2300		ug/kg	960	100	10
1,2,3-Trichlorobenzene	ND		ug/kg	1900	310	10
1,2,4-Trichlorobenzene	ND		ug/kg	1900	260	10
Methyl Acetate	ND		ug/kg	3800	910	10
Cyclohexane	ND		ug/kg	9600	520	10
Freon-113	ND		ug/kg	3800	660	10
Methyl cyclohexane	ND		ug/kg	3800	580	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	233	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02 D
 Client ID: SOIL-B-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/02/19 15:30
 Analyst: AD
 Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	28000	13000	50
1,1-Dichloroethane	ND		ug/kg	5600	810	50
Chloroform	ND		ug/kg	8400	780	50
Carbon tetrachloride	ND		ug/kg	5600	1300	50
1,2-Dichloropropane	ND		ug/kg	5600	700	50
Dibromochloromethane	ND		ug/kg	5600	780	50
1,1,2-Trichloroethane	ND		ug/kg	5600	1500	50
Tetrachloroethene	920000		ug/kg	2800	1100	50
Chlorobenzene	ND		ug/kg	2800	710	50
Trichlorofluoromethane	ND		ug/kg	22000	3900	50
1,2-Dichloroethane	ND		ug/kg	5600	1400	50
1,1,1-Trichloroethane	ND		ug/kg	2800	940	50
Bromodichloromethane	ND		ug/kg	2800	610	50
trans-1,3-Dichloropropene	ND		ug/kg	5600	1500	50
cis-1,3-Dichloropropene	ND		ug/kg	2800	890	50
Bromoform	ND		ug/kg	22000	1400	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	2800	930	50
Benzene	ND		ug/kg	2800	930	50
Toluene	ND		ug/kg	5600	3000	50
Ethylbenzene	ND		ug/kg	5600	790	50
Chloromethane	ND		ug/kg	22000	5200	50
Bromomethane	ND		ug/kg	11000	3200	50
Vinyl chloride	22000		ug/kg	5600	1900	50
Chloroethane	ND		ug/kg	11000	2500	50
1,1-Dichloroethene	1400	J	ug/kg	5600	1300	50
trans-1,2-Dichloroethene	1400	J	ug/kg	8400	770	50
Trichloroethene	86000		ug/kg	2800	770	50
1,2-Dichlorobenzene	ND		ug/kg	11000	810	50

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02 D
 Client ID: SOIL-B-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	11000	830	50
1,4-Dichlorobenzene	ND		ug/kg	11000	960	50
Methyl tert butyl ether	ND		ug/kg	11000	1100	50
p/m-Xylene	ND		ug/kg	11000	3100	50
o-Xylene	ND		ug/kg	5600	1600	50
cis-1,2-Dichloroethene	420000		ug/kg	5600	980	50
Styrene	ND		ug/kg	5600	1100	50
Dichlorodifluoromethane	ND		ug/kg	56000	5100	50
Acetone	ND		ug/kg	56000	27000	50
Carbon disulfide	ND		ug/kg	56000	26000	50
2-Butanone	ND		ug/kg	56000	12000	50
4-Methyl-2-pentanone	ND		ug/kg	56000	7200	50
2-Hexanone	ND		ug/kg	56000	6600	50
Bromochloromethane	ND		ug/kg	11000	1100	50
1,2-Dibromoethane	ND		ug/kg	5600	1600	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	17000	5600	50
Isopropylbenzene	810	J	ug/kg	5600	610	50
1,2,3-Trichlorobenzene	ND		ug/kg	11000	1800	50
1,2,4-Trichlorobenzene	ND		ug/kg	11000	1500	50
Methyl Acetate	ND		ug/kg	22000	5300	50
Cyclohexane	ND		ug/kg	56000	3000	50
Freon-113	ND		ug/kg	22000	3900	50
Methyl cyclohexane	ND		ug/kg	22000	3400	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03 D
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/02/19 15:56
 Analyst: AD
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	7000	3200	25
1,1-Dichloroethane	ND		ug/kg	1400	200	25
Chloroform	ND		ug/kg	2100	200	25
Carbon tetrachloride	ND		ug/kg	1400	320	25
1,2-Dichloropropane	ND		ug/kg	1400	180	25
Dibromochloromethane	ND		ug/kg	1400	200	25
1,1,2-Trichloroethane	ND		ug/kg	1400	370	25
Tetrachloroethene	170000		ug/kg	700	270	25
Chlorobenzene	ND		ug/kg	700	180	25
Trichlorofluoromethane	ND		ug/kg	5600	970	25
1,2-Dichloroethane	ND		ug/kg	1400	360	25
1,1,1-Trichloroethane	ND		ug/kg	700	230	25
Bromodichloromethane	ND		ug/kg	700	150	25
trans-1,3-Dichloropropene	ND		ug/kg	1400	380	25
cis-1,3-Dichloropropene	ND		ug/kg	700	220	25
Bromoform	ND		ug/kg	5600	340	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	700	230	25
Benzene	ND		ug/kg	700	230	25
Toluene	ND		ug/kg	1400	760	25
Ethylbenzene	ND		ug/kg	1400	200	25
Chloromethane	ND		ug/kg	5600	1300	25
Bromomethane	ND		ug/kg	2800	810	25
Vinyl chloride	ND		ug/kg	1400	470	25
Chloroethane	ND		ug/kg	2800	630	25
1,1-Dichloroethene	ND		ug/kg	1400	330	25
trans-1,2-Dichloroethene	270	J	ug/kg	2100	190	25
Trichloroethene	6400		ug/kg	700	190	25
1,2-Dichlorobenzene	ND		ug/kg	2800	200	25

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03 D
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2800	210	25
1,4-Dichlorobenzene	ND		ug/kg	2800	240	25
Methyl tert butyl ether	ND		ug/kg	2800	280	25
p/m-Xylene	ND		ug/kg	2800	780	25
o-Xylene	ND		ug/kg	1400	410	25
cis-1,2-Dichloroethene	5100		ug/kg	1400	240	25
Styrene	ND		ug/kg	1400	270	25
Dichlorodifluoromethane	ND		ug/kg	14000	1300	25
Acetone	ND		ug/kg	14000	6700	25
Carbon disulfide	ND		ug/kg	14000	6400	25
2-Butanone	ND		ug/kg	14000	3100	25
4-Methyl-2-pentanone	ND		ug/kg	14000	1800	25
2-Hexanone	ND		ug/kg	14000	1600	25
Bromochloromethane	ND		ug/kg	2800	290	25
1,2-Dibromoethane	ND		ug/kg	1400	390	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	4200	1400	25
Isopropylbenzene	ND		ug/kg	1400	150	25
1,2,3-Trichlorobenzene	ND		ug/kg	2800	450	25
1,2,4-Trichlorobenzene	ND		ug/kg	2800	380	25
Methyl Acetate	ND		ug/kg	5600	1300	25
Cyclohexane	ND		ug/kg	14000	760	25
Freon-113	ND		ug/kg	5600	970	25
Methyl cyclohexane	ND		ug/kg	5600	840	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04 D
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/02/19 16:22
 Analyst: AD
 Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3800	1700	10
1,1-Dichloroethane	ND		ug/kg	760	110	10
Chloroform	ND		ug/kg	1100	110	10
Carbon tetrachloride	ND		ug/kg	760	170	10
1,2-Dichloropropane	ND		ug/kg	760	95.	10
Dibromochloromethane	ND		ug/kg	760	110	10
1,1,2-Trichloroethane	ND		ug/kg	760	200	10
Tetrachloroethene	1700		ug/kg	380	150	10
Chlorobenzene	ND		ug/kg	380	96.	10
Trichlorofluoromethane	ND		ug/kg	3000	530	10
1,2-Dichloroethane	ND		ug/kg	760	190	10
1,1,1-Trichloroethane	ND		ug/kg	380	130	10
Bromodichloromethane	ND		ug/kg	380	83.	10
trans-1,3-Dichloropropene	ND		ug/kg	760	210	10
cis-1,3-Dichloropropene	ND		ug/kg	380	120	10
Bromoform	ND		ug/kg	3000	190	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	380	120	10
Benzene	ND		ug/kg	380	120	10
Toluene	ND		ug/kg	760	410	10
Ethylbenzene	200	J	ug/kg	760	110	10
Chloromethane	ND		ug/kg	3000	710	10
Bromomethane	ND		ug/kg	1500	440	10
Vinyl chloride	ND		ug/kg	760	250	10
Chloroethane	ND		ug/kg	1500	340	10
1,1-Dichloroethene	ND		ug/kg	760	180	10
trans-1,2-Dichloroethene	ND		ug/kg	1100	100	10
Trichloroethene	ND		ug/kg	380	100	10
1,2-Dichlorobenzene	ND		ug/kg	1500	110	10

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04 D
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1500	110	10
1,4-Dichlorobenzene	ND		ug/kg	1500	130	10
Methyl tert butyl ether	ND		ug/kg	1500	150	10
p/m-Xylene	ND		ug/kg	1500	420	10
o-Xylene	ND		ug/kg	760	220	10
cis-1,2-Dichloroethene	2300		ug/kg	760	130	10
Styrene	ND		ug/kg	760	150	10
Dichlorodifluoromethane	ND		ug/kg	7600	690	10
Acetone	ND		ug/kg	7600	3600	10
Carbon disulfide	ND		ug/kg	7600	3400	10
2-Butanone	ND		ug/kg	7600	1700	10
4-Methyl-2-pentanone	ND		ug/kg	7600	970	10
2-Hexanone	ND		ug/kg	7600	890	10
Bromochloromethane	ND		ug/kg	1500	160	10
1,2-Dibromoethane	ND		ug/kg	760	210	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2300	760	10
Isopropylbenzene	5800		ug/kg	760	83.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1500	240	10
1,2,4-Trichlorobenzene	ND		ug/kg	1500	210	10
Methyl Acetate	ND		ug/kg	3000	720	10
Cyclohexane	ND		ug/kg	7600	410	10
Freon-113	ND		ug/kg	3000	520	10
Methyl cyclohexane	ND		ug/kg	3000	460	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	253	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-05 D
 Client ID: SOIL-SW-202
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:35
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/02/19 16:48
 Analyst: AD
 Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	8800	4000	20
1,1-Dichloroethane	ND		ug/kg	1800	250	20
Chloroform	ND		ug/kg	2600	240	20
Carbon tetrachloride	ND		ug/kg	1800	400	20
1,2-Dichloropropane	ND		ug/kg	1800	220	20
Dibromochloromethane	ND		ug/kg	1800	240	20
1,1,2-Trichloroethane	ND		ug/kg	1800	470	20
Tetrachloroethene	4600		ug/kg	880	340	20
Chlorobenzene	ND		ug/kg	880	220	20
Trichlorofluoromethane	ND		ug/kg	7000	1200	20
1,2-Dichloroethane	ND		ug/kg	1800	450	20
1,1,1-Trichloroethane	ND		ug/kg	880	290	20
Bromodichloromethane	ND		ug/kg	880	190	20
trans-1,3-Dichloropropene	ND		ug/kg	1800	480	20
cis-1,3-Dichloropropene	ND		ug/kg	880	280	20
Bromoform	ND		ug/kg	7000	430	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	880	290	20
Benzene	ND		ug/kg	880	290	20
Toluene	ND		ug/kg	1800	950	20
Ethylbenzene	ND		ug/kg	1800	250	20
Chloromethane	ND		ug/kg	7000	1600	20
Bromomethane	ND		ug/kg	3500	1000	20
Vinyl chloride	ND		ug/kg	1800	590	20
Chloroethane	ND		ug/kg	3500	790	20
1,1-Dichloroethene	ND		ug/kg	1800	420	20
trans-1,2-Dichloroethene	ND		ug/kg	2600	240	20
Trichloroethene	ND		ug/kg	880	240	20
1,2-Dichlorobenzene	ND		ug/kg	3500	250	20

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-05 D
 Client ID: SOIL-SW-202
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:35
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3500	260	20
1,4-Dichlorobenzene	ND		ug/kg	3500	300	20
Methyl tert butyl ether	ND		ug/kg	3500	350	20
p/m-Xylene	ND		ug/kg	3500	980	20
o-Xylene	ND		ug/kg	1800	510	20
cis-1,2-Dichloroethene	1100	J	ug/kg	1800	310	20
Styrene	ND		ug/kg	1800	340	20
Dichlorodifluoromethane	ND		ug/kg	18000	1600	20
Acetone	ND		ug/kg	18000	8400	20
Carbon disulfide	ND		ug/kg	18000	8000	20
2-Butanone	ND		ug/kg	18000	3900	20
4-Methyl-2-pentanone	ND		ug/kg	18000	2200	20
2-Hexanone	ND		ug/kg	18000	2100	20
Bromochloromethane	ND		ug/kg	3500	360	20
1,2-Dibromoethane	ND		ug/kg	1800	490	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5300	1800	20
Isopropylbenzene	2800		ug/kg	1800	190	20
1,2,3-Trichlorobenzene	ND		ug/kg	3500	560	20
1,2,4-Trichlorobenzene	ND		ug/kg	3500	480	20
Methyl Acetate	ND		ug/kg	7000	1700	20
Cyclohexane	ND		ug/kg	18000	960	20
Freon-113	ND		ug/kg	7000	1200	20
Methyl cyclohexane	ND		ug/kg	7000	1000	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	175	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06 D
 Client ID: SOIL-SW-203
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 07/02/19 17:13
 Analyst: AD
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	3400	1600	10
1,1-Dichloroethane	ND		ug/kg	680	98.	10
Chloroform	ND		ug/kg	1000	95.	10
Carbon tetrachloride	ND		ug/kg	680	160	10
1,2-Dichloropropane	ND		ug/kg	680	85.	10
Dibromochloromethane	ND		ug/kg	680	95.	10
1,1,2-Trichloroethane	ND		ug/kg	680	180	10
Tetrachloroethene	52000		ug/kg	340	130	10
Chlorobenzene	ND		ug/kg	340	86.	10
Trichlorofluoromethane	ND		ug/kg	2700	470	10
1,2-Dichloroethane	ND		ug/kg	680	170	10
1,1,1-Trichloroethane	ND		ug/kg	340	110	10
Bromodichloromethane	ND		ug/kg	340	74.	10
trans-1,3-Dichloropropene	ND		ug/kg	680	180	10
cis-1,3-Dichloropropene	ND		ug/kg	340	110	10
Bromoform	ND		ug/kg	2700	170	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	340	110	10
Benzene	ND		ug/kg	340	110	10
Toluene	ND		ug/kg	680	370	10
Ethylbenzene	160	J	ug/kg	680	95.	10
Chloromethane	ND		ug/kg	2700	630	10
Bromomethane	ND		ug/kg	1400	390	10
Vinyl chloride	11000		ug/kg	680	230	10
Chloroethane	ND		ug/kg	1400	310	10
1,1-Dichloroethene	ND		ug/kg	680	160	10
trans-1,2-Dichloroethene	1900		ug/kg	1000	93.	10
Trichloroethene	1000		ug/kg	340	93.	10
1,2-Dichlorobenzene	ND		ug/kg	1400	98.	10

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06 D
 Client ID: SOIL-SW-203
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1400	100	10
1,4-Dichlorobenzene	ND		ug/kg	1400	120	10
Methyl tert butyl ether	ND		ug/kg	1400	140	10
p/m-Xylene	ND		ug/kg	1400	380	10
o-Xylene	200	J	ug/kg	680	200	10
cis-1,2-Dichloroethene	120000		ug/kg	680	120	10
Styrene	ND		ug/kg	680	130	10
Dichlorodifluoromethane	ND		ug/kg	6800	620	10
Acetone	ND		ug/kg	6800	3200	10
Carbon disulfide	ND		ug/kg	6800	3100	10
2-Butanone	ND		ug/kg	6800	1500	10
4-Methyl-2-pentanone	ND		ug/kg	6800	870	10
2-Hexanone	ND		ug/kg	6800	800	10
Bromochloromethane	ND		ug/kg	1400	140	10
1,2-Dibromoethane	ND		ug/kg	680	190	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	680	10
Isopropylbenzene	1200		ug/kg	680	74.	10
1,2,3-Trichlorobenzene	ND		ug/kg	1400	220	10
1,2,4-Trichlorobenzene	ND		ug/kg	1400	180	10
Methyl Acetate	ND		ug/kg	2700	640	10
Cyclohexane	ND		ug/kg	6800	370	10
Freon-113	ND		ug/kg	2700	470	10
Methyl cyclohexane	ND		ug/kg	2700	410	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	136	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE

Lab Number: L1928651

Project Number: 33525

Report Date: 07/03/19

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/01/19 19:28
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1255655-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	60	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/01/19 19:28
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1255655-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	10	J	ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	49	J	ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/19 19:28
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1255655-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	92		70-130

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/02/19 09:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-06 Batch: WG1255897-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	44	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 07/02/19 09:55
 Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-06 Batch: WG1255897-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/19 09:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-06 Batch: WG1255897-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1255655-3 WG1255655-4								
Methylene chloride	94		93		70-130	1		30
1,1-Dichloroethane	113		111		70-130	2		30
Chloroform	107		104		70-130	3		30
Carbon tetrachloride	99		97		70-130	2		30
1,2-Dichloropropane	114		113		70-130	1		30
Dibromochloromethane	91		89		70-130	2		30
1,1,2-Trichloroethane	95		94		70-130	1		30
Tetrachloroethene	84		83		70-130	1		30
Chlorobenzene	93		91		70-130	2		30
Trichlorofluoromethane	88		85		70-139	3		30
1,2-Dichloroethane	110		109		70-130	1		30
1,1,1-Trichloroethane	105		103		70-130	2		30
Bromodichloromethane	109		108		70-130	1		30
trans-1,3-Dichloropropene	103		100		70-130	3		30
cis-1,3-Dichloropropene	114		111		70-130	3		30
Bromoform	78		75		70-130	4		30
1,1,2,2-Tetrachloroethane	100		97		70-130	3		30
Benzene	108		107		70-130	1		30
Toluene	94		92		70-130	2		30
Ethylbenzene	96		95		70-130	1		30
Chloromethane	117		112		52-130	4		30
Bromomethane	91		90		57-147	1		30
Vinyl chloride	105		102		67-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1255655-3 WG1255655-4								
Chloroethane	93		89		50-151	4		30
1,1-Dichloroethene	98		97		65-135	1		30
trans-1,2-Dichloroethene	101		99		70-130	2		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	89		87		70-130	2		30
1,3-Dichlorobenzene	90		88		70-130	2		30
1,4-Dichlorobenzene	90		88		70-130	2		30
Methyl tert butyl ether	106		103		66-130	3		30
p/m-Xylene	95		92		70-130	3		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	103		100		70-130	3		30
Styrene	93		92		70-130	1		30
Dichlorodifluoromethane	93		91		30-146	2		30
Acetone	134		132		54-140	2		30
Carbon disulfide	101		100		59-130	1		30
2-Butanone	110		106		70-130	4		30
4-Methyl-2-pentanone	102		96		70-130	6		30
2-Hexanone	106		99		70-130	7		30
Bromochloromethane	98		95		70-130	3		30
1,2-Dibromoethane	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	81		77		68-130	5		30
Isopropylbenzene	95		93		70-130	2		30
1,2,3-Trichlorobenzene	84		82		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1255655-3 WG1255655-4								
1,2,4-Trichlorobenzene	87		84		70-130	4		30
Methyl Acetate	120		114		51-146	5		30
Cyclohexane	114		114		59-142	0		30
Freon-113	98		97		50-139	1		30
Methyl cyclohexane	103		102		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	110		110		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-06 Batch: WG1255897-3 WG1255897-4								
Methylene chloride	108		105		70-130	3		30
1,1-Dichloroethane	109		109		70-130	0		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	90		91		70-130	1		30
1,2-Dichloropropane	110		109		70-130	1		30
Dibromochloromethane	84		83		70-130	1		30
1,1,2-Trichloroethane	89		89		70-130	0		30
Tetrachloroethene	79		78		70-130	1		30
Chlorobenzene	87		86		70-130	1		30
Trichlorofluoromethane	76		75		70-139	1		30
1,2-Dichloroethane	107		106		70-130	1		30
1,1,1-Trichloroethane	100		100		70-130	0		30
Bromodichloromethane	104		104		70-130	0		30
trans-1,3-Dichloropropene	97		96		70-130	1		30
cis-1,3-Dichloropropene	110		109		70-130	1		30
Bromoform	72		70		70-130	3		30
1,1,2,2-Tetrachloroethane	91		91		70-130	0		30
Benzene	105		105		70-130	0		30
Toluene	90		88		70-130	2		30
Ethylbenzene	91		90		70-130	1		30
Chloromethane	111		109		52-130	2		30
Bromomethane	88		84		57-147	5		30
Vinyl chloride	95		93		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-06 Batch: WG1255897-3 WG1255897-4								
Chloroethane	86		85		50-151	1		30
1,1-Dichloroethene	92		92		65-135	0		30
trans-1,2-Dichloroethene	98		98		70-130	0		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	83		82		70-130	1		30
1,3-Dichlorobenzene	84		83		70-130	1		30
1,4-Dichlorobenzene	84		83		70-130	1		30
Methyl tert butyl ether	102		101		66-130	1		30
p/m-Xylene	89		89		70-130	0		30
o-Xylene	88		88		70-130	0		30
cis-1,2-Dichloroethene	99		98		70-130	1		30
Styrene	88		87		70-130	1		30
Dichlorodifluoromethane	78		78		30-146	0		30
Acetone	125		115		54-140	8		30
Carbon disulfide	97		96		59-130	1		30
2-Butanone	108		105		70-130	3		30
4-Methyl-2-pentanone	93		90		70-130	3		30
2-Hexanone	96		94		70-130	2		30
Bromochloromethane	94		93		70-130	1		30
1,2-Dibromoethane	87		86		70-130	1		30
1,2-Dibromo-3-chloropropane	71		72		68-130	1		30
Isopropylbenzene	89		88		70-130	1		30
1,2,3-Trichlorobenzene	79		79		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-06 Batch: WG1255897-3 WG1255897-4								
1,2,4-Trichlorobenzene	82		80		70-130	2		30
Methyl Acetate	117		113		51-146	3		30
Cyclohexane	100		100		59-142	0		30
Freon-113	85		84		50-139	1		30
Methyl cyclohexane	89		90		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	96		97		70-130

SEMIVOLATILES

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 01:37
 Analyst: JG
 Percent Solids: 62%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	27.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	70.	1
2,4-Dinitrotoluene	ND		ug/kg	260	53.	1
2,6-Dinitrotoluene	ND		ug/kg	260	45.	1
Fluoranthene	220		ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	45.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	750	240	1
Hexachloroethane	ND		ug/kg	210	43.	1
Isophorone	ND		ug/kg	240	34.	1
Naphthalene	270		ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	240	39.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	41.	1
Bis(2-ethylhexyl)phthalate	1700		ug/kg	260	91.	1
Butyl benzyl phthalate	ND		ug/kg	260	66.	1
Di-n-butylphthalate	220	J	ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	90.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	55.	1
Benzo(a)anthracene	130	J	ug/kg	160	30.	1
Benzo(a)pyrene	140	J	ug/kg	210	64.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	190		ug/kg	160	44.	1
Benzo(k)fluoranthene	65	J	ug/kg	160	42.	1
Chrysene	130	J	ug/kg	160	27.	1
Acenaphthylene	ND		ug/kg	210	41.	1
Anthracene	ND		ug/kg	160	51.	1
Benzo(ghi)perylene	120	J	ug/kg	210	31.	1
Fluorene	31	J	ug/kg	260	26.	1
Phenanthrene	160		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	210	37.	1
Pyrene	210		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	600	61.	1
4-Chloroaniline	ND		ug/kg	260	48.	1
2-Nitroaniline	ND		ug/kg	260	51.	1
3-Nitroaniline	ND		ug/kg	260	50.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	ND		ug/kg	260	25.	1
2-Methylnaphthalene	38	J	ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	50.	1
p-Chloro-m-cresol	ND		ug/kg	260	39.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	240	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	87.	1
2-Nitrophenol	ND		ug/kg	570	99.	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	130	1
Pentachlorophenol	ND		ug/kg	210	58.	1
Phenol	ND		ug/kg	260	40.	1
2-Methylphenol	ND		ug/kg	260	41.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	380	41.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	50.	1
Carbazole	ND		ug/kg	260	26.	1
Atrazine	ND		ug/kg	210	92.	1
Benzaldehyde	ND		ug/kg	350	71.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-01**Date Collected:** 06/28/19 09:30**Client ID:** SOIL-B-200**Date Received:** 06/28/19**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	260	80.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	260	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	50		18-120

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01 D
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/02/19 09:58
 Analyst: MA
 Percent Solids: 62%

Extraction Method: EPA 3570
 Extraction Date: 07/01/19 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/kg	48.4	12.4	4
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	56			15-110		

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02
 Client ID: SOIL-B-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 02:25
 Analyst: JG
 Percent Solids: 62%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	210	27.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	70.	1
2,4-Dinitrotoluene	ND		ug/kg	260	53.	1
2,6-Dinitrotoluene	ND		ug/kg	260	45.	1
Fluoranthene	590		ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	45.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	750	240	1
Hexachloroethane	ND		ug/kg	210	43.	1
Isophorone	ND		ug/kg	240	34.	1
Naphthalene	900		ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	240	39.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	41.	1
Bis(2-ethylhexyl)phthalate	1100		ug/kg	260	91.	1
Butyl benzyl phthalate	ND		ug/kg	260	66.	1
Di-n-butylphthalate	ND		ug/kg	260	50.	1
Di-n-octylphthalate	ND		ug/kg	260	90.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	55.	1
Benzo(a)anthracene	290		ug/kg	160	30.	1
Benzo(a)pyrene	340		ug/kg	210	64.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02

Date Collected: 06/28/19 09:50

Client ID: SOIL-B-201

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	440		ug/kg	160	44.	1
Benzo(k)fluoranthene	140	J	ug/kg	160	42.	1
Chrysene	310		ug/kg	160	27.	1
Acenaphthylene	ND		ug/kg	210	41.	1
Anthracene	120	J	ug/kg	160	51.	1
Benzo(ghi)perylene	260		ug/kg	210	31.	1
Fluorene	82	J	ug/kg	260	26.	1
Phenanthrene	460		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	53	J	ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	210	37.	1
Pyrene	520		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	600	61.	1
4-Chloroaniline	ND		ug/kg	260	48.	1
2-Nitroaniline	ND		ug/kg	260	51.	1
3-Nitroaniline	ND		ug/kg	260	50.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	60	J	ug/kg	260	25.	1
2-Methylnaphthalene	110	J	ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	28.	1
Acetophenone	ND		ug/kg	260	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	50.	1
p-Chloro-m-cresol	ND		ug/kg	260	39.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	240	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	87.	1
2-Nitrophenol	ND		ug/kg	570	99.	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	130	1
Pentachlorophenol	ND		ug/kg	210	58.	1
Phenol	ND		ug/kg	260	40.	1
2-Methylphenol	ND		ug/kg	260	41.	1
3-Methylphenol/4-Methylphenol	81	J	ug/kg	380	41.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	50.	1
Carbazole	47	J	ug/kg	260	26.	1
Atrazine	ND		ug/kg	210	92.	1
Benzaldehyde	ND		ug/kg	350	71.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02

Date Collected: 06/28/19 09:50

Client ID: SOIL-B-201

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	260	80.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	260	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	66		18-120

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 13:15
 Analyst: JG
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	2000		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	57	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1500		ug/kg	110	21.	1
Benzo(a)pyrene	2200		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2600		ug/kg	110	32.	1
Benzo(k)fluoranthene	880		ug/kg	110	30.	1
Chrysene	1400		ug/kg	110	20.	1
Acenaphthylene	100	J	ug/kg	150	29.	1
Anthracene	190		ug/kg	110	37.	1
Benzo(ghi)perylene	1700		ug/kg	150	22.	1
Fluorene	25	J	ug/kg	190	18.	1
Phenanthrene	340		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	320		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1700		ug/kg	150	27.	1
Pyrene	2100		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	35	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	35	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03

Date Collected: 06/28/19 10:05

Client ID: SOIL-SW-200

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	73		18-120

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03 D
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/02/19 10:18
 Analyst: MA
 Percent Solids: 86%

Extraction Method: EPA 3570
 Extraction Date: 07/01/19 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/kg	36.1	9.21	4
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	103			15-110		

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 13:42
 Analyst: JG
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	440		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	130	J	ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	580		ug/kg	130	24.	1
Benzo(a)pyrene	650		ug/kg	170	53.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	810		ug/kg	130	36.	1
Benzo(k)fluoranthene	370		ug/kg	130	35.	1
Chrysene	630		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	110	J	ug/kg	130	42.	1
Benzo(ghi)perylene	460		ug/kg	170	26.	1
Fluorene	40	J	ug/kg	220	21.	1
Phenanthrene	210		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	480		ug/kg	170	30.	1
Pyrene	380		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	38	J	ug/kg	220	20.	1
2-Methylnaphthalene	30	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	64	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	53	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	58.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	77		18-120

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04 D
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D-SIM
 Analytical Date: 07/02/19 10:38
 Analyst: MA
 Percent Solids: 75%

Extraction Method: EPA 3570
 Extraction Date: 07/01/19 11:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ug/kg	36.7	9.35	4
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
1,4-Dioxane-d8	86			15-110		

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-05
 Client ID: SOIL-SW-202
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:35
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 03:12
 Analyst: JG
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	310		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	200	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	980		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	200		ug/kg	130	25.	1
Benzo(a)pyrene	230		ug/kg	180	55.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-05
 Client ID: SOIL-SW-202
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:35
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	330		ug/kg	130	38.	1
Benzo(k)fluoranthene	94	J	ug/kg	130	36.	1
Chrysene	190		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	61	J	ug/kg	130	44.	1
Benzo(ghi)perylene	200		ug/kg	180	26.	1
Fluorene	35	J	ug/kg	220	22.	1
Phenanthrene	200		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	180	31.	1
Pyrene	280		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	26	J	ug/kg	220	21.	1
2-Methylnaphthalene	50	J	ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	24	J	ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-05**Date Collected:** 06/28/19 10:35**Client ID:** SOIL-SW-202**Date Received:** 06/28/19**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	68		18-120

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06
 Client ID: SOIL-SW-203
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 07/03/19 14:09
 Analyst: JG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	51	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	640		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	1400		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	380		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	150	J	ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	430		ug/kg	120	23.	1
Benzo(a)pyrene	460		ug/kg	170	51.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06
 Client ID: SOIL-SW-203
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	570		ug/kg	120	35.	1
Benzo(k)fluoranthene	240		ug/kg	120	33.	1
Chrysene	390		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	96	J	ug/kg	120	41.	1
Benzo(ghi)perylene	340		ug/kg	170	24.	1
Fluorene	62	J	ug/kg	210	20.	1
Phenanthrene	340		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	69	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	170	29.	1
Pyrene	570		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	35	J	ug/kg	210	20.	1
2-Methylnaphthalene	120	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	24	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06

Date Collected: 06/28/19 10:50

Client ID: SOIL-SW-203

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	72		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 07/02/19 22:25
 Analyst: JG

Extraction Method: EPA 3546
 Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1254913-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	39	J	ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/02/19 22:25
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1254913-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	37.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/02/19 22:25
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/29/19 19:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1254913-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	61		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 07/02/19 08:00
 Analyst: MA

Extraction Method: EPA 3570
 Extraction Date: 07/01/19 11:03

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01,03-04 Batch: WG1255218-1					
1,4-Dioxane	ND		ug/kg	8.00	2.04

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	109		15-110

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1254913-2 WG1254913-3								
Acenaphthene	57		61		31-137	7		50
Hexachlorobenzene	62		68		40-140	9		50
Bis(2-chloroethyl)ether	50		53		40-140	6		50
2-Chloronaphthalene	63		66		40-140	5		50
3,3'-Dichlorobenzidine	42		48		40-140	13		50
2,4-Dinitrotoluene	61		67		40-132	9		50
2,6-Dinitrotoluene	66		74		40-140	11		50
Fluoranthene	58		64		40-140	10		50
4-Chlorophenyl phenyl ether	55		61		40-140	10		50
4-Bromophenyl phenyl ether	62		68		40-140	9		50
Bis(2-chloroisopropyl)ether	37	Q	39	Q	40-140	5		50
Bis(2-chloroethoxy)methane	56		57		40-117	2		50
Hexachlorobutadiene	53		58		40-140	9		50
Hexachlorocyclopentadiene	48		51		40-140	6		50
Hexachloroethane	53		57		40-140	7		50
Isophorone	51		55		40-140	8		50
Naphthalene	56		58		40-140	4		50
Nitrobenzene	47		50		40-140	6		50
NDPA/DPA	60		66		36-157	10		50
n-Nitrosodi-n-propylamine	47		50		32-121	6		50
Bis(2-ethylhexyl)phthalate	73		81		40-140	10		50
Butyl benzyl phthalate	62		70		40-140	12		50
Di-n-butylphthalate	64		73		40-140	13		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1254913-2 WG1254913-3								
Di-n-octylphthalate	70		77		40-140	10		50
Diethyl phthalate	61		68		40-140	11		50
Dimethyl phthalate	62		69		40-140	11		50
Benzo(a)anthracene	57		63		40-140	10		50
Benzo(a)pyrene	62		68		40-140	9		50
Benzo(b)fluoranthene	62		67		40-140	8		50
Benzo(k)fluoranthene	61		67		40-140	9		50
Chrysene	58		64		40-140	10		50
Acenaphthylene	62		67		40-140	8		50
Anthracene	58		65		40-140	11		50
Benzo(ghi)perylene	59		65		40-140	10		50
Fluorene	60		64		40-140	6		50
Phenanthrene	58		64		40-140	10		50
Dibenzo(a,h)anthracene	59		66		40-140	11		50
Indeno(1,2,3-cd)pyrene	58		65		40-140	11		50
Pyrene	57		62		35-142	8		50
Biphenyl	67		70		54-104	4		50
4-Chloroaniline	34	Q	35	Q	40-140	3		50
2-Nitroaniline	65		70		47-134	7		50
3-Nitroaniline	48		53		26-129	10		50
4-Nitroaniline	57		63		41-125	10		50
Dibenzofuran	58		62		40-140	7		50
2-Methylnaphthalene	59		62		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1254913-2 WG1254913-3								
1,2,4,5-Tetrachlorobenzene	59		63		40-117	7		50
Acetophenone	57		62		14-144	8		50
2,4,6-Trichlorophenol	62		68		30-130	9		50
p-Chloro-m-cresol	61		66		26-103	8		50
2-Chlorophenol	61		62		25-102	2		50
2,4-Dichlorophenol	65		71		30-130	9		50
2,4-Dimethylphenol	47		56		30-130	17		50
2-Nitrophenol	63		67		30-130	6		50
4-Nitrophenol	47		52		11-114	10		50
2,4-Dinitrophenol	42		42		4-130	0		50
4,6-Dinitro-o-cresol	61		68		10-130	11		50
Pentachlorophenol	64		70		17-109	9		50
Phenol	50		52		26-90	4		50
2-Methylphenol	55		58		30-130	5		50
3-Methylphenol/4-Methylphenol	56		57		30-130	2		50
2,4,5-Trichlorophenol	65		72		30-130	10		50
Carbazole	60		66		54-128	10		50
Atrazine	71		80		40-140	12		50
Benzaldehyde	53		56		40-140	6		50
Caprolactam	36		39		15-130	8		50
2,3,4,6-Tetrachlorophenol	55		61		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	-------------------	------	---------------------	-----	------	---------------

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1254913-2 WG1254913-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		57		25-120
Phenol-d6	56		57		10-120
Nitrobenzene-d5	51		54		23-120
2-Fluorobiphenyl	62		65		30-120
2,4,6-Tribromophenol	67		73		10-136
4-Terphenyl-d14	58		64		18-120

Lab Control Sample Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 01,03-04 Batch: WG1255218-2 WG1255218-3								
1,4-Dioxane	102		105		40-140	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	110		110		15-110

METALS

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-01

Date Collected: 06/28/19 09:30

Client ID: SOIL-B-200

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4100		mg/kg	12.7	3.43	2	07/03/19 01:00	07/03/19 15:00	EPA 3050B	1,6010D	LC
Antimony, Total	1.74	J	mg/kg	6.35	0.482	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Arsenic, Total	8.46		mg/kg	1.27	0.264	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Barium, Total	74.3		mg/kg	1.27	0.221	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Beryllium, Total	0.190	J	mg/kg	0.635	0.042	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Cadmium, Total	0.775	J	mg/kg	1.27	0.124	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Calcium, Total	79200		mg/kg	127	44.4	20	07/03/19 01:00	07/03/19 15:54	EPA 3050B	1,6010D	LC
Chromium, Total	18.8		mg/kg	1.27	0.122	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Cobalt, Total	5.22		mg/kg	2.54	0.211	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Copper, Total	96.3		mg/kg	1.27	0.328	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Iron, Total	15300		mg/kg	6.35	1.15	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Lead, Total	174		mg/kg	6.35	0.340	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Magnesium, Total	16400		mg/kg	12.7	1.96	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Manganese, Total	199		mg/kg	1.27	0.202	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Mercury, Total	1.67		mg/kg	0.102	0.066	1	07/03/19 06:30	07/03/19 11:07	EPA 7471B	1,7471B	GD
Nickel, Total	12.6		mg/kg	3.17	0.307	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Potassium, Total	614		mg/kg	317	18.3	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Selenium, Total	1.61	J	mg/kg	2.54	0.328	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Silver, Total	0.584	J	mg/kg	1.27	0.359	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Sodium, Total	215	J	mg/kg	254	4.00	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	2.54	0.400	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Vanadium, Total	19.0		mg/kg	1.27	0.258	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC
Zinc, Total	176		mg/kg	6.35	0.372	2	07/03/19 01:00	07/03/19 12:46	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-02

Date Collected: 06/28/19 09:50

Client ID: SOIL-B-201

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4080		mg/kg	12.8	3.47	2	07/03/19 01:00	07/03/19 15:18	EPA 3050B	1,6010D	LC
Antimony, Total	8.44		mg/kg	6.42	0.488	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Arsenic, Total	10.8		mg/kg	1.28	0.267	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Barium, Total	97.3		mg/kg	1.28	0.223	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Beryllium, Total	0.231	J	mg/kg	0.642	0.042	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Cadmium, Total	1.27	J	mg/kg	1.28	0.126	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Calcium, Total	44800		mg/kg	12.8	4.50	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Chromium, Total	18.8		mg/kg	1.28	0.123	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Cobalt, Total	7.27		mg/kg	2.57	0.213	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Copper, Total	122		mg/kg	1.28	0.331	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Iron, Total	18300		mg/kg	6.42	1.16	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Lead, Total	491		mg/kg	6.42	0.344	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Magnesium, Total	9780		mg/kg	12.8	1.98	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Manganese, Total	307		mg/kg	1.28	0.204	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Mercury, Total	3.59		mg/kg	0.102	0.067	1	07/03/19 06:30	07/03/19 11:09	EPA 7471B	1,7471B	GD
Nickel, Total	14.5		mg/kg	3.21	0.311	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Potassium, Total	612		mg/kg	321	18.5	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Selenium, Total	2.02	J	mg/kg	2.57	0.331	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Silver, Total	0.591	J	mg/kg	1.28	0.363	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Sodium, Total	253	J	mg/kg	257	4.04	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	2.57	0.404	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Vanadium, Total	20.7		mg/kg	1.28	0.261	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC
Zinc, Total	336		mg/kg	6.42	0.376	2	07/03/19 01:00	07/03/19 13:04	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-03

Date Collected: 06/28/19 10:05

Client ID: SOIL-SW-200

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3390		mg/kg	8.75	2.36	2	07/03/19 01:00	07/03/19 15:22	EPA 3050B	1,6010D	LC
Antimony, Total	1.03	J	mg/kg	4.38	0.333	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Arsenic, Total	3.06		mg/kg	0.875	0.182	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Barium, Total	49.6		mg/kg	0.875	0.152	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Beryllium, Total	0.079	J	mg/kg	0.438	0.029	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Cadmium, Total	0.438	J	mg/kg	0.875	0.086	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Calcium, Total	66700		mg/kg	87.5	30.6	20	07/03/19 01:00	07/03/19 16:13	EPA 3050B	1,6010D	LC
Chromium, Total	8.30		mg/kg	0.875	0.084	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Cobalt, Total	4.19		mg/kg	1.75	0.145	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Copper, Total	44.0		mg/kg	0.875	0.226	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Iron, Total	10400		mg/kg	4.38	0.790	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Lead, Total	86.9		mg/kg	4.38	0.235	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Magnesium, Total	14900		mg/kg	8.75	1.35	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Manganese, Total	285		mg/kg	0.875	0.139	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Mercury, Total	1.98		mg/kg	0.074	0.048	1	07/03/19 06:30	07/03/19 11:11	EPA 7471B	1,7471B	GD
Nickel, Total	8.90		mg/kg	2.19	0.212	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Potassium, Total	673		mg/kg	219	12.6	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Selenium, Total	0.867	J	mg/kg	1.75	0.226	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Silver, Total	0.306	J	mg/kg	0.875	0.248	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Sodium, Total	225		mg/kg	175	2.76	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Vanadium, Total	10.2		mg/kg	0.875	0.178	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC
Zinc, Total	43.0		mg/kg	4.38	0.256	2	07/03/19 01:00	07/03/19 13:08	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-04

Date Collected: 06/28/19 10:20

Client ID: SOIL-SW-201

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3670		mg/kg	10.4	2.80	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Antimony, Total	8.22		mg/kg	5.18	0.394	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Arsenic, Total	6.26		mg/kg	1.04	0.215	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Barium, Total	109		mg/kg	1.04	0.180	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Beryllium, Total	0.104	J	mg/kg	0.518	0.034	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Cadmium, Total	1.22		mg/kg	1.04	0.102	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Calcium, Total	51400		mg/kg	10.4	3.62	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Chromium, Total	9.77		mg/kg	1.04	0.099	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Cobalt, Total	4.60		mg/kg	2.07	0.172	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Copper, Total	101		mg/kg	1.04	0.267	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Iron, Total	15400		mg/kg	5.18	0.935	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Lead, Total	170		mg/kg	5.18	0.278	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Magnesium, Total	11300		mg/kg	10.4	1.60	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Manganese, Total	309		mg/kg	1.04	0.165	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Mercury, Total	0.706		mg/kg	0.084	0.055	1	07/03/19 06:30	07/03/19 11:17	EPA 7471B	1,7471B	GD
Nickel, Total	9.85		mg/kg	2.59	0.251	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Potassium, Total	1080		mg/kg	259	14.9	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Selenium, Total	1.41	J	mg/kg	2.07	0.267	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	1.04	0.293	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Sodium, Total	494		mg/kg	207	3.26	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	2.07	0.326	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Vanadium, Total	11.6		mg/kg	1.04	0.210	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC
Zinc, Total	359		mg/kg	5.18	0.303	2	07/03/19 01:00	07/03/19 15:27	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-05

Date Collected: 06/28/19 10:35

Client ID: SOIL-SW-202

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4370		mg/kg	10.8	2.90	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Antimony, Total	4.22	J	mg/kg	5.38	0.409	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Arsenic, Total	5.72		mg/kg	1.08	0.224	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Barium, Total	66.0		mg/kg	1.08	0.187	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Beryllium, Total	0.204	J	mg/kg	0.538	0.036	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Cadmium, Total	0.656	J	mg/kg	1.08	0.105	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Calcium, Total	40300		mg/kg	10.8	3.76	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Chromium, Total	10.4		mg/kg	1.08	0.103	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Cobalt, Total	5.37		mg/kg	2.15	0.178	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Copper, Total	93.0		mg/kg	1.08	0.277	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Iron, Total	11600		mg/kg	5.38	0.971	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Lead, Total	162		mg/kg	5.38	0.288	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Magnesium, Total	9080		mg/kg	10.8	1.66	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Manganese, Total	241		mg/kg	1.08	0.171	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Mercury, Total	1.10		mg/kg	0.086	0.056	1	07/03/19 06:30	07/03/19 11:19	EPA 7471B	1,7471B	GD
Nickel, Total	14.6		mg/kg	2.69	0.260	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Potassium, Total	592		mg/kg	269	15.5	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Selenium, Total	1.06	J	mg/kg	2.15	0.277	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	1.08	0.304	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Sodium, Total	235		mg/kg	215	3.39	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	2.15	0.339	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Vanadium, Total	18.2		mg/kg	1.08	0.218	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC
Zinc, Total	115		mg/kg	5.38	0.315	2	07/03/19 01:00	07/03/19 15:45	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928651**Project Number:** 33525**Report Date:** 07/03/19**SAMPLE RESULTS**

Lab ID: L1928651-06

Date Collected: 06/28/19 10:50

Client ID: SOIL-SW-203

Date Received: 06/28/19

Sample Location: 140 CORTLAND AVE., SYRACUSE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3080		mg/kg	9.84	2.66	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Antimony, Total	4.33	J	mg/kg	4.92	0.374	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Arsenic, Total	5.50		mg/kg	0.984	0.205	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Barium, Total	93.2		mg/kg	0.984	0.171	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Beryllium, Total	0.089	J	mg/kg	0.492	0.033	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Cadmium, Total	0.748	J	mg/kg	0.984	0.096	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Calcium, Total	29500		mg/kg	9.84	3.44	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Chromium, Total	14.4		mg/kg	0.984	0.094	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Cobalt, Total	4.00		mg/kg	1.97	0.163	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Copper, Total	168		mg/kg	0.984	0.254	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Iron, Total	9050		mg/kg	4.92	0.888	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Lead, Total	220		mg/kg	4.92	0.264	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Magnesium, Total	6520		mg/kg	9.84	1.52	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Manganese, Total	176		mg/kg	0.984	0.156	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Mercury, Total	1.27		mg/kg	0.080	0.052	1	07/03/19 06:30	07/03/19 11:21	EPA 7471B	1,7471B	GD
Nickel, Total	9.87		mg/kg	2.46	0.238	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Potassium, Total	537		mg/kg	246	14.2	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Selenium, Total	0.748	J	mg/kg	1.97	0.254	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.984	0.278	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Sodium, Total	214		mg/kg	197	3.10	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.97	0.310	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Vanadium, Total	12.2		mg/kg	0.984	0.200	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC
Zinc, Total	131		mg/kg	4.92	0.288	2	07/03/19 01:00	07/03/19 15:50	EPA 3050B	1,6010D	LC



Project Name: FORMER COYNE TEXTILE

Lab Number: L1928651

Project Number: 33525

Report Date: 07/03/19

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1255915-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/03/19 01:00	07/03/19 14:50	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Calcium, Total	2.25	J	mg/kg	4.00	1.40	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Copper, Total	0.116	J	mg/kg	0.400	0.103	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Iron, Total	0.744	J	mg/kg	2.00	0.361	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Sodium, Total	2.87	J	mg/kg	80.0	1.26	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/03/19 01:00	07/03/19 12:36	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1256086-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/19 06:30	07/03/19 10:56	1,7471B	GD



Project Name: FORMER COYNE TEXTILE

Lab Number: L1928651

Project Number: 33525

Report Date: 07/03/19

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1255915-2 SRM Lot Number: D105-540								
Aluminum, Total	60		-		51-149	-		
Antimony, Total	160		-		19-249	-		
Arsenic, Total	104		-		70-130	-		
Barium, Total	87		-		75-125	-		
Beryllium, Total	94		-		75-125	-		
Cadmium, Total	108		-		75-125	-		
Calcium, Total	77		-		73-127	-		
Chromium, Total	87		-		70-130	-		
Cobalt, Total	100		-		75-125	-		
Copper, Total	92		-		75-125	-		
Iron, Total	72		-		38-162	-		
Lead, Total	96		-		71-128	-		
Magnesium, Total	72		-		63-137	-		
Manganese, Total	87		-		76-124	-		
Nickel, Total	104		-		70-131	-		
Potassium, Total	74		-		60-140	-		
Selenium, Total	102		-		63-137	-		
Silver, Total	87		-		69-131	-		
Sodium, Total	90		-		37-162	-		
Thallium, Total	101		-		68-132	-		
Vanadium, Total	88		-		65-135	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1255915-2 SRM Lot Number: D105-540					
Zinc, Total	98	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1256086-2 SRM Lot Number: D105-540					
Mercury, Total	103	-	60-141	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1255915-3			QC Sample: L1928651-01			Client ID: SOIL-B-200			
Aluminum, Total	4100	249	5540	577	Q	-	-		75-125	-		20
Antimony, Total	1.74J	62.4	57.2	92		-	-		75-125	-		20
Arsenic, Total	8.46	15	25.3	112		-	-		75-125	-		20
Barium, Total	74.3	249	317	97		-	-		75-125	-		20
Beryllium, Total	0.190J	6.24	5.91	95		-	-		75-125	-		20
Cadmium, Total	0.775J	6.36	6.36	100		-	-		75-125	-		20
Calcium, Total	79200	1250	78100	0	Q	-	-		75-125	-		20
Chromium, Total	18.8	24.9	39.1	81		-	-		75-125	-		20
Cobalt, Total	5.22	62.4	58.1	85		-	-		75-125	-		20
Copper, Total	96.3	31.2	123	86		-	-		75-125	-		20
Iron, Total	15300	125	17900	2080	Q	-	-		75-125	-		20
Lead, Total	174	63.6	346	270	Q	-	-		75-125	-		20
Magnesium, Total	16400	1250	15200	0	Q	-	-		75-125	-		20
Manganese, Total	199	62.4	300	162	Q	-	-		75-125	-		20
Nickel, Total	12.6	62.4	69.0	90		-	-		75-125	-		20
Potassium, Total	614	1250	1920	105		-	-		75-125	-		20
Selenium, Total	1.61J	15	15.1	101		-	-		75-125	-		20
Silver, Total	0.584J	37.4	35.2	94		-	-		75-125	-		20
Sodium, Total	215J	1250	1550	124		-	-		75-125	-		20
Thallium, Total	ND	15	11.0	74	Q	-	-		75-125	-		20
Vanadium, Total	19.0	62.4	79.1	96		-	-		75-125	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits	
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1255915-3		QC Sample: L1928651-01		Client ID: SOIL-B-200			
Zinc, Total	176	62.4	197	34	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06			QC Batch ID: WG1256086-3		WG1256086-4	QC Sample: L1928243-01		Client ID: MS Sample		
Mercury, Total	ND	0.157	0.160	102	0.198	126	Q	80-120	21	Q 20

Lab Duplicate Analysis *Batch Quality Control*

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928651

Report Date: 07/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1255915-4 QC Sample: L1928651-01 Client ID: SOIL-B-200						
Antimony, Total	1.74J	1.18J	mg/kg	NC		20
Arsenic, Total	8.46	8.15	mg/kg	4		20
Barium, Total	74.3	79.4	mg/kg	7		20
Beryllium, Total	0.190J	0.206J	mg/kg	NC		20
Cadmium, Total	0.775J	0.703J	mg/kg	NC		20
Chromium, Total	18.8	17.3	mg/kg	8		20
Cobalt, Total	5.22	5.46	mg/kg	4		20
Copper, Total	96.3	90.5	mg/kg	6		20
Iron, Total	15300	15200	mg/kg	1		20
Lead, Total	174	178	mg/kg	2		20
Magnesium, Total	16400	16000	mg/kg	2		20
Manganese, Total	199	230	mg/kg	14		20
Nickel, Total	12.6	13.8	mg/kg	9		20
Potassium, Total	614	666	mg/kg	8		20
Selenium, Total	1.61J	1.27J	mg/kg	NC		20
Silver, Total	0.584J	0.715J	mg/kg	NC		20
Sodium, Total	215J	232J	mg/kg	NC		20
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	19.0	19.5	mg/kg	3		20

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1928651
Report Date: 07/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1255915-4 QC Sample: L1928651-01 Client ID: SOIL-B-200					
Zinc, Total	176	132	mg/kg	29	Q 20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1255915-4 QC Sample: L1928651-01 Client ID: SOIL-B-200					
Aluminum, Total	4100	3510	mg/kg	16	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1255915-4 QC Sample: L1928651-01 Client ID: SOIL-B-200					
Calcium, Total	79200	78400	mg/kg	1	20

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-01**Client ID:** SOIL-B-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 09:30**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.4		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-02**Client ID:** SOIL-B-201**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 09:50**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.6		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-03**Client ID:** SOIL-SW-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:05**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-04**Client ID:** SOIL-SW-201**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:20**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-05**Client ID:** SOIL-SW-202**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:35**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.7		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19**SAMPLE RESULTS****Lab ID:** L1928651-06**Client ID:** SOIL-SW-203**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:50**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928651**Report Date:** 07/03/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1254824-1 QC Sample: L1928567-03 Client ID: DUP Sample						
Solids, Total	77.6	76.5	%	1		20

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Serial_No: 07031918:59
Lab Number: L1928651
Report Date: 07/03/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928651-01A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-01B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-01C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-01D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-01D1	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1928651-01F	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		A2-1,4-DIOXANE-SIM(14)
L1928651-01G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1928651-02A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-02B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-02C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-02D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1928651-02G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1928651-03A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-03B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-03C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-03D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Serial_No: 07031918:59
Lab Number: L1928651
Report Date: 07/03/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928651-03D1	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1928651-03F	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		A2-1,4-DIOXANE-SIM(14)
L1928651-03G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1928651-04A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-04B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-04C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-04D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-04D1	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1928651-04F	Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		A2-1,4-DIOXANE-SIM(14)
L1928651-04G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1928651-05A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-05B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-05C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-05D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180)
L1928651-05G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)
L1928651-06A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW-R2(14)
L1928651-06B	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)
L1928651-06C	Vial water preserved	A	NA		3.1	Y	Absent	29-JUN-19 10:17	NYTCL-8260HLW-R2(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Serial_No:07031918:59
Lab Number: L1928651
Report Date: 07/03/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928651-06D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		TS(7)
L1928651-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.1	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1928651-06G	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928651
Report Date: 07/03/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

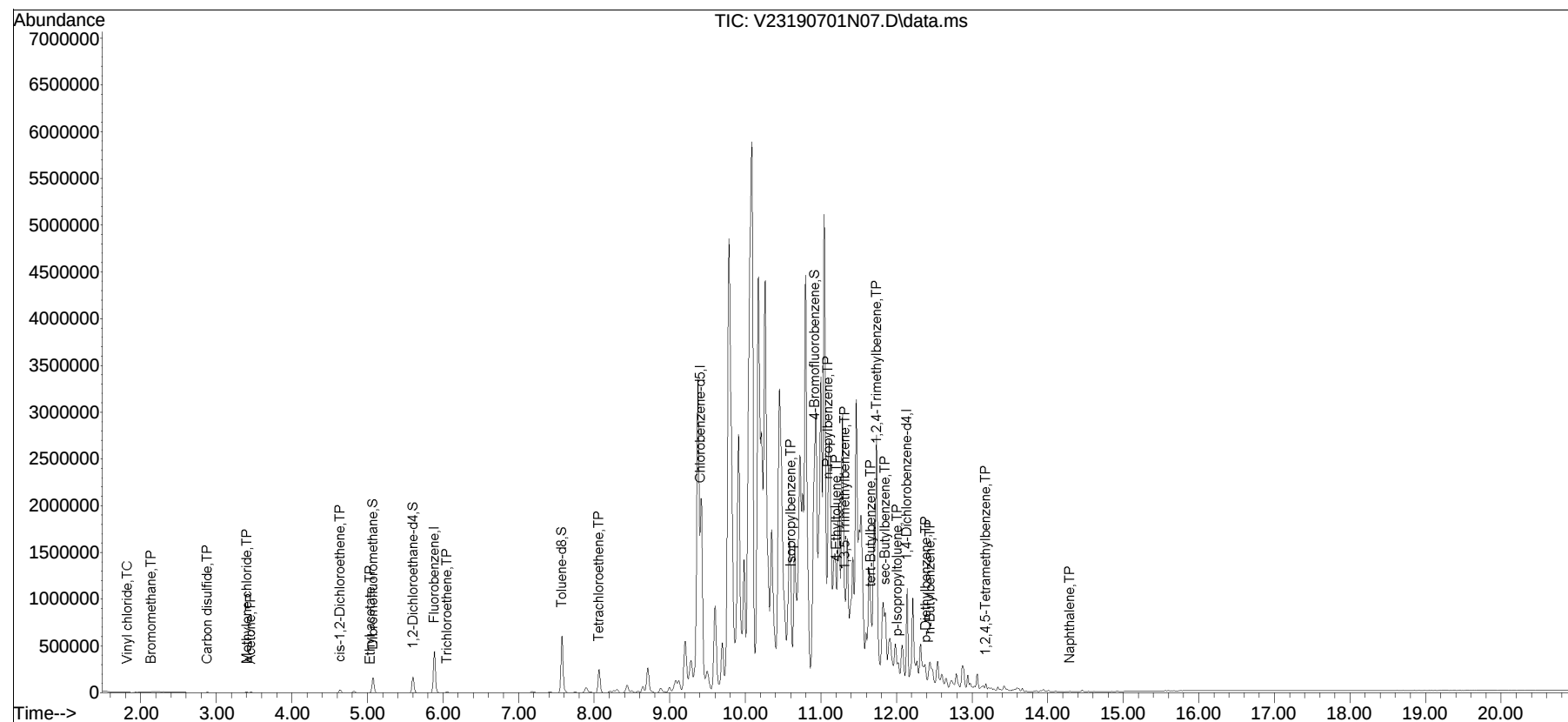
 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3268		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 6/29/19		ALPHA Job # L1928691																																																																																					
		Project Information Project Name: <u>Former Layne Textile</u> Project Location: <u>140 Cortland Ave, Syracuse</u> Project # <u>33525</u> (Use Project name as Project #) ☐ Project Manager: <u>Meghan Platt</u> ALPHAQuote #: _____ Turn-Around Time Standard ☐ Due Date: _____ Rush (only if pre approved) ☒ # of Days: <u>3 days</u>		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # <u>Bill to Ranalli / Taylor</u>																																																																																							
Client Information Client: <u>Ranalli / Taylor</u> Address: _____ Phone: _____ Fax: _____ Email: <u>lehmann@cha.companies.com</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other: _____																																																																																									
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>Bill to Ranalli / Taylor</u> Please specify Metals or TAL. <u>TAL Metals</u>						ANALYSIS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th>Collection Date</th> <th>Collection Time</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>NYTCL-8260</th> <th>NYTCL-8260</th> <th>Total Solids</th> <th>TAL Metals</th> <th>NYTCL-8270</th> <th>1,4-Dioxane-SIM</th> </tr> <tr> <td>28691-01</td> <td>SOIL-B-200</td> <td>6-28-19</td> <td>0930</td> <td>Soil</td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>02</td> <td>SOIL-B-201</td> <td></td> <td>0950</td> <td></td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>03</td> <td>SOIL-SW-200</td> <td></td> <td>1005</td> <td></td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>04</td> <td>SOIL-SW-201</td> <td></td> <td>1020</td> <td></td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>05</td> <td>SOIL-SW-202</td> <td></td> <td>1035</td> <td></td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>06</td> <td>SOIL-SW-203</td> <td></td> <td>1050</td> <td></td> <td>KE</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8260	Total Solids	TAL Metals	NYTCL-8270	1,4-Dioxane-SIM	28691-01	SOIL-B-200	6-28-19	0930	Soil	KE	X	X	X	X	X	X	02	SOIL-B-201		0950		KE	X	X	X	X	X		03	SOIL-SW-200		1005		KE	X	X	X	X	X		04	SOIL-SW-201		1020		KE	X	X	X	X	X		05	SOIL-SW-202		1035		KE	X	X	X	X	X		06	SOIL-SW-203		1050		KE	X	X	X	X	X		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8260	Total Solids	TAL Metals	NYTCL-8270	1,4-Dioxane-SIM																																																																																		
28691-01	SOIL-B-200	6-28-19	0930	Soil	KE	X	X	X	X	X	X																																																																																		
02	SOIL-B-201		0950		KE	X	X	X	X	X																																																																																			
03	SOIL-SW-200		1005		KE	X	X	X	X	X																																																																																			
04	SOIL-SW-201		1020		KE	X	X	X	X	X																																																																																			
05	SOIL-SW-202		1035		KE	X	X	X	X	X																																																																																			
06	SOIL-SW-203		1050		KE	X	X	X	X	X																																																																																			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle						Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V V P A A A Preservative F O A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																			
Relinquished By: <u>Lamartha Miller</u> Date/Time: <u>6/28/19 1235</u> <u>[Signature]</u> Date/Time: <u>6/29/19 1330</u> <u>[Signature]</u>						Received By: <u>[Signature]</u> Date/Time: <u>6/29/19 1530</u> <u>[Signature]</u> Date/Time: <u>6/29/19 0140</u> <u>[Signature]</u>																																																																																							

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2019\190701N\
 Data File : V23190701N07.D
 Acq On : 01 Jul 2019 08:45 pm
 Operator : VOA123:NLK
 Sample : l1928651-01D, 31H, 6.09, 5, 0.010, , a
 Misc : WG1255655, ICAL15898
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 02 08:23:47 2019
 Quant Method : I:\VOLATILES\VOA123\2019\190701N\V123_190621_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jun 25 09:48:51 2019
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox1N\V23190701N01.D•

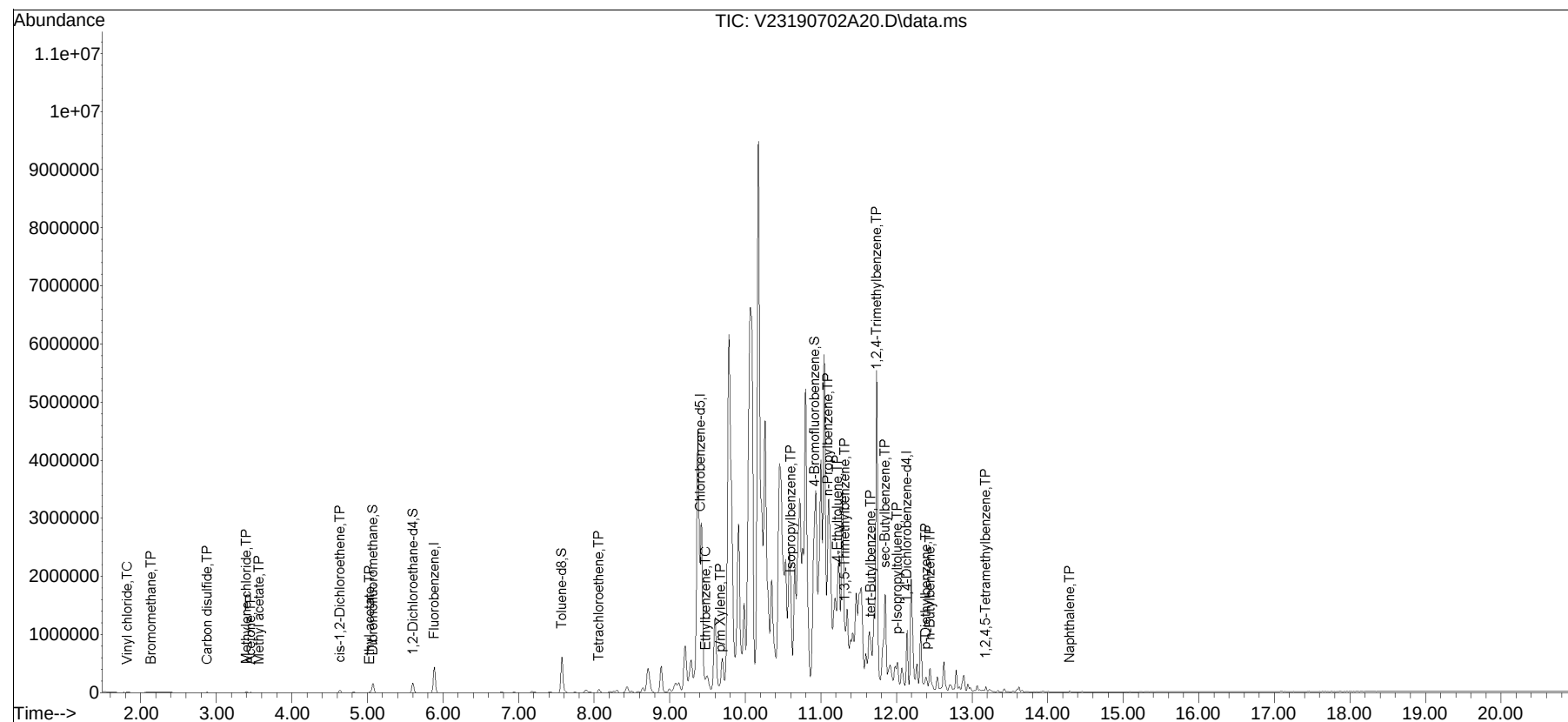


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2019\190702A\
 Data File : V23190702A20.D
 Acq On : 02 Jul 2019 04:22 pm
 Operator : VOA123:AD
 Sample : 11928651-04D,31H,5.65,5,0.010,,a
 Misc : WG1255897,ICAL15898
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 02 18:52:51 2019
 Quant Method : I:\VOLATILES\VOA123\2019\190702A\V123_190621_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jun 25 09:48:51 2019
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox2A\V23190702A01.D•

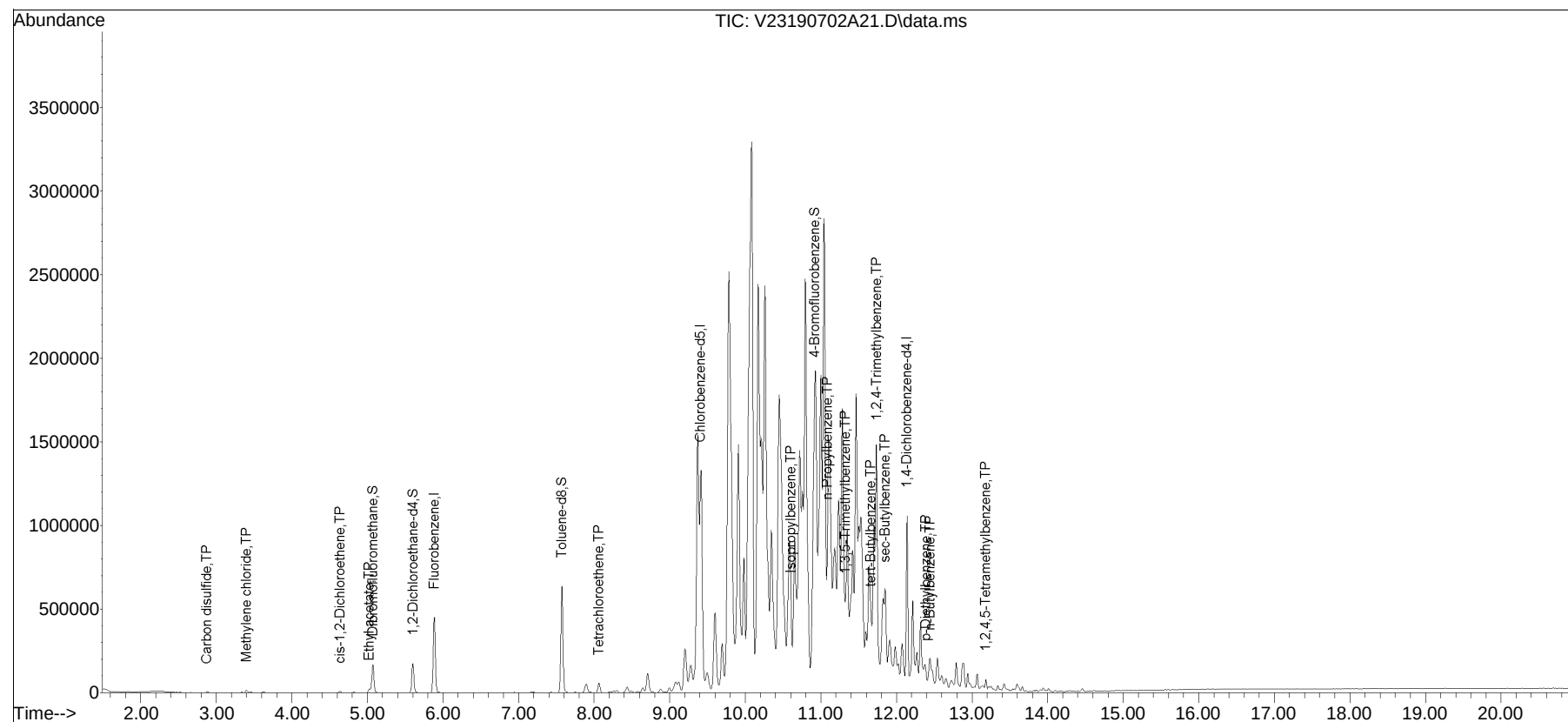


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2019\190702A\
Data File : V23190702A21.D
Acq On : 02 Jul 2019 04:48 pm
Operator : VOA123:AD
Sample : l1928651-05D,31H,4.98,5,0.005,,a
Misc : WG1255897,ICAL15898
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 02 18:54:22 2019
Quant Method : I:\VOLATILES\VOA123\2019\190702A\V123_190621_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Jun 25 09:48:51 2019
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox2A\V23190702A01.D•

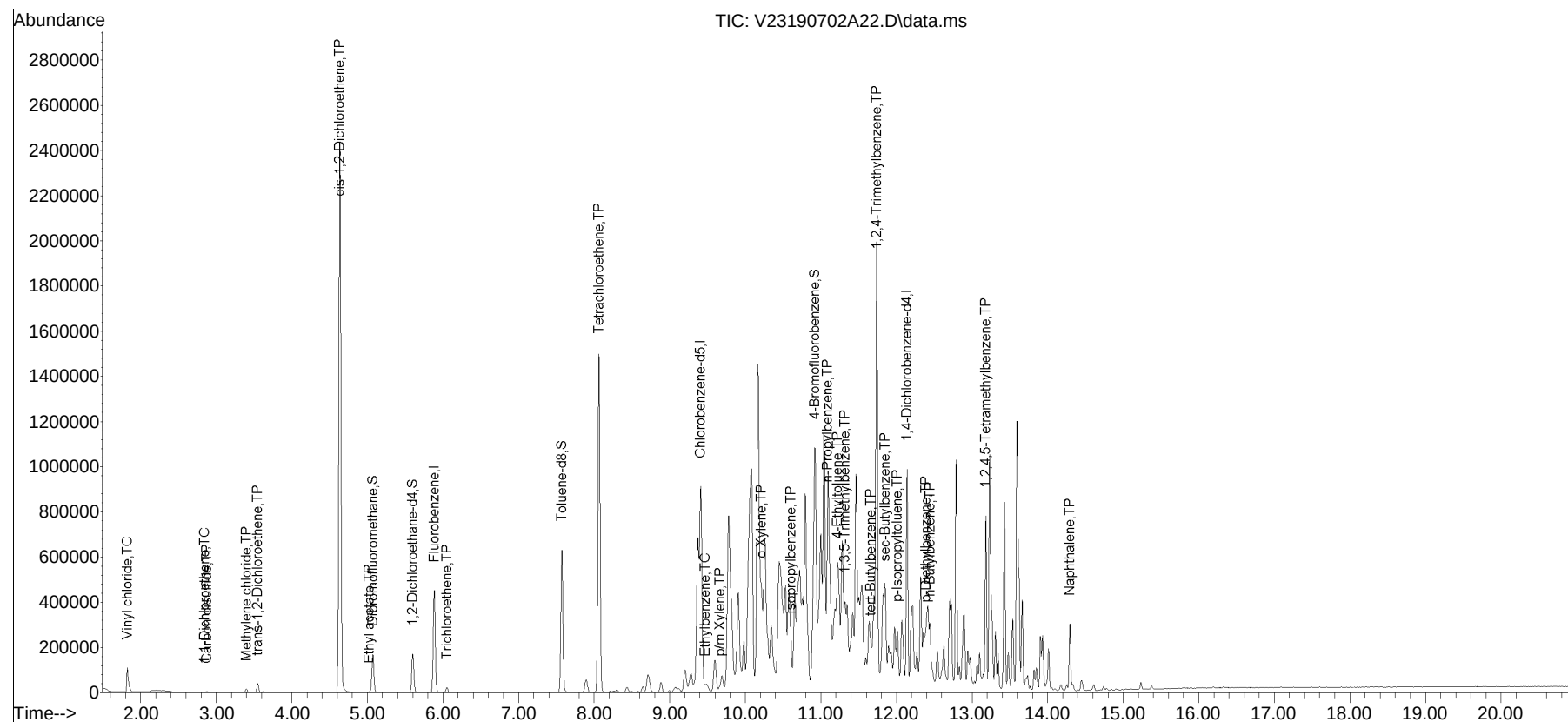


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2019\190702A\
 Data File : V23190702A22.D
 Acq On : 02 Jul 2019 05:13 pm
 Operator : VOA123:AD
 Sample : l1928651-06D,31H,5.72,5,0.010,,a
 Misc : WG1255897,ICAL15898
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 02 18:57:38 2019
 Quant Method : I:\VOLATILES\VOA123\2019\190702A\V123_190621_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Tue Jun 25 09:48:51 2019
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox2A\V23190702A01.D•





ANALYTICAL REPORT

Lab Number:	L1931047
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Meghan Platt
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE
Project Number:	33525
Report Date:	07/30/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1931047-01	SOIL-B-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 09:30	06/28/19
L1931047-02	SOIL-B-201	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 09:50	06/28/19
L1931047-03	SOIL-SW-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:05	06/28/19
L1931047-04	SOIL-SW-201	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:20	06/28/19
L1931047-05	SOIL-SW-202	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:35	06/28/19
L1931047-06	SOIL-SW-203	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:50	06/28/19

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

Case Narrative (continued)

Report Submission

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

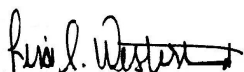
PCBs

L1931047-01, -02, -03, -04, -05, and -06 were extracted with the method required holding time exceeded.

L1931047-01, -05, and -06: The surrogate recoveries are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

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

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 07/30/19

ORGANICS

PCBS

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-01 D
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/19 15:48
 Analyst: WR
 Percent Solids: 62%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	531	47.2	10	A
Aroclor 1221	ND		ug/kg	531	53.2	10	A
Aroclor 1232	ND		ug/kg	531	113.	10	A
Aroclor 1242	ND		ug/kg	531	71.6	10	A
Aroclor 1248	3760		ug/kg	531	79.7	10	B
Aroclor 1254	ND		ug/kg	531	58.1	10	A
Aroclor 1260	ND		ug/kg	531	98.2	10	A
Aroclor 1262	ND		ug/kg	531	67.5	10	A
Aroclor 1268	ND		ug/kg	531	55.0	10	A
PCBs, Total	3760		ug/kg	531	47.2	10	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-02
 Client ID: SOIL-B-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/26/19 21:15
 Analyst: WR
 Percent Solids: 62%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.9	4.70	1	A
Aroclor 1221	ND		ug/kg	52.9	5.30	1	A
Aroclor 1232	ND		ug/kg	52.9	11.2	1	A
Aroclor 1242	ND		ug/kg	52.9	7.13	1	A
Aroclor 1248	890		ug/kg	52.9	7.93	1	A
Aroclor 1254	276		ug/kg	52.9	5.78	1	A
Aroclor 1260	48.5	J	ug/kg	52.9	9.77	1	A
Aroclor 1262	ND		ug/kg	52.9	6.72	1	A
Aroclor 1268	ND		ug/kg	52.9	5.48	1	A
PCBs, Total	1210	J	ug/kg	52.9	4.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-03
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/26/19 21:27
 Analyst: WR
 Percent Solids: 86%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	3.33	1	A
Aroclor 1221	ND		ug/kg	37.5	3.75	1	A
Aroclor 1232	ND		ug/kg	37.5	7.94	1	A
Aroclor 1242	ND		ug/kg	37.5	5.05	1	A
Aroclor 1248	ND		ug/kg	37.5	5.62	1	A
Aroclor 1254	ND		ug/kg	37.5	4.10	1	A
Aroclor 1260	ND		ug/kg	37.5	6.92	1	A
Aroclor 1262	ND		ug/kg	37.5	4.76	1	A
Aroclor 1268	ND		ug/kg	37.5	3.88	1	A
PCBs, Total	ND		ug/kg	37.5	3.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-04 D
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/29/19 13:32
 Analyst: WR
 Percent Solids: 75%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	84.3	7.49	2	A
Aroclor 1221	ND		ug/kg	84.3	8.45	2	A
Aroclor 1232	ND		ug/kg	84.3	17.9	2	A
Aroclor 1242	ND		ug/kg	84.3	11.4	2	A
Aroclor 1248	858		ug/kg	84.3	12.6	2	B
Aroclor 1254	ND		ug/kg	84.3	9.23	2	A
Aroclor 1260	ND		ug/kg	84.3	15.6	2	A
Aroclor 1262	ND		ug/kg	84.3	10.7	2	A
Aroclor 1268	ND		ug/kg	84.3	8.74	2	A
PCBs, Total	858		ug/kg	84.3	7.49	2	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-05 D
 Client ID: SOIL-SW-202
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:35
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/19 16:00
 Analyst: WR
 Percent Solids: 73%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	901	80.0	20	A
Aroclor 1221	ND		ug/kg	901	90.3	20	A
Aroclor 1232	ND		ug/kg	901	191.	20	A
Aroclor 1242	ND		ug/kg	901	122.	20	A
Aroclor 1248	4690		ug/kg	901	135.	20	B
Aroclor 1254	ND		ug/kg	901	98.6	20	A
Aroclor 1260	ND		ug/kg	901	166.	20	A
Aroclor 1262	ND		ug/kg	901	114.	20	A
Aroclor 1268	ND		ug/kg	901	93.4	20	A
PCBs, Total	4690		ug/kg	901	80.0	20	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1931047**Project Number:** 33525**Report Date:** 07/30/19**SAMPLE RESULTS**

Lab ID: L1931047-06 D
 Client ID: SOIL-SW-203
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:50
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 07/28/19 15:35
 Analyst: WR
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 11:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/17/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	408	36.2	10	A
Aroclor 1221	ND		ug/kg	408	40.9	10	A
Aroclor 1232	ND		ug/kg	408	86.5	10	A
Aroclor 1242	ND		ug/kg	408	55.0	10	A
Aroclor 1248	1720		ug/kg	408	61.2	10	B
Aroclor 1254	ND		ug/kg	408	44.6	10	A
Aroclor 1260	ND		ug/kg	408	75.4	10	A
Aroclor 1262	ND		ug/kg	408	51.8	10	A
Aroclor 1268	ND		ug/kg	408	42.3	10	A
PCBs, Total	1720		ug/kg	408	36.2	10	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	B
Decachlorobiphenyl	0	Q	30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 07/16/19 12:19
 Analyst: WR

Extraction Method: EPA 3546
 Extraction Date: 07/16/19 01:39
 Cleanup Method: EPA 3665A
 Cleanup Date: 07/16/19
 Cleanup Method: EPA 3660B
 Cleanup Date: 07/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1260226-1						
Aroclor 1016	ND		ug/kg	31.4	2.79	A
Aroclor 1221	ND		ug/kg	31.4	3.15	A
Aroclor 1232	ND		ug/kg	31.4	6.66	A
Aroclor 1242	ND		ug/kg	31.4	4.23	A
Aroclor 1248	ND		ug/kg	31.4	4.71	A
Aroclor 1254	ND		ug/kg	31.4	3.44	A
Aroclor 1260	ND		ug/kg	31.4	5.80	A
Aroclor 1262	ND		ug/kg	31.4	3.99	A
Aroclor 1268	ND		ug/kg	31.4	3.25	A
PCBs, Total	ND		ug/kg	31.4	2.79	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	58		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1931047

Report Date: 07/30/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1260226-2 WG1260226-3									
Aroclor 1016	84		74		40-140	13		50	A
Aroclor 1260	68		63		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		68		30-150	A
Decachlorobiphenyl	51		47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		66		30-150	B
Decachlorobiphenyl	62		56		30-150	B

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-01**Client ID:** SOIL-B-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 09:30**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	62.4		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-02**Client ID:** SOIL-B-201**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 09:50**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.6		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-03**Client ID:** SOIL-SW-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:05**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-04**Client ID:** SOIL-SW-201**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:20**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-05**Client ID:** SOIL-SW-202**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:35**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.7		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19**SAMPLE RESULTS****Lab ID:** L1931047-06**Client ID:** SOIL-SW-203**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:50**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	06/29/19 10:40	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1931047**Report Date:** 07/30/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1254824-1 QC Sample: L1928567-03 Client ID: DUP Sample						
Solids, Total	77.6	76.5	%	1		20

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Serial_No:07301905:19
Lab Number: L1931047
Report Date: 07/30/19

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1931047-01A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)
L1931047-02A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)
L1931047-03A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)
L1931047-04A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)
L1931047-05A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)
L1931047-06A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8082(14)

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1931047
Report Date: 07/30/19

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO₃-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH₃-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO₃-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO₄-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

7/15/19 NF L1931047

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab <u>6/29/19</u>		ALPHA Job # <u>L1931047</u>																																																
Client Information Client: <u>Ranalli/Taylor</u> Address: Phone: Fax: Email: <u>echman@cha.companies.com</u>		Project Information Project Name: <u>Former Layne Textile</u> Project Location: <u>140 Cortland Ave, Syracuse</u> Project # <u>33525</u> (Use Project name as Project #) ☐ Project Manager: <u>Meghan Platt</u> ALPHAQuote #:		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO# <u>Bill to Ranalli/Taylor</u>																																																		
Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☒ # of Days: <u>3 days</u>		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☒ NY ☐ Other:																																																				
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: <u>Bill to Ranalli/Taylor</u> Please specify Metals or TAL. <u>TAL Metals</u> <u>31047-</u>		ANALYSIS <table border="1"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th>Collection Date</th> <th>Collection Time</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>NYTC</th> </tr> <tr> <td>2069 01</td> <td>SOIL - B-200</td> <td>6-28-19</td> <td>0930</td> <td>Soil</td> <td>KE</td> <td>X</td> </tr> <tr> <td>02</td> <td>SOIL - B-201</td> <td></td> <td>0950</td> <td></td> <td>KE</td> <td>X</td> </tr> <tr> <td>03</td> <td>SOIL - SW-200</td> <td></td> <td>1005</td> <td></td> <td>KE</td> <td>X</td> </tr> <tr> <td>04</td> <td>SOIL - SW-201</td> <td></td> <td>1020</td> <td></td> <td>KE</td> <td>X</td> </tr> <tr> <td>05</td> <td>SOIL - SW-202</td> <td></td> <td>1035</td> <td></td> <td>KE</td> <td>X</td> </tr> <tr> <td>06</td> <td>SOIL - SW-203</td> <td></td> <td>1050</td> <td></td> <td>KE</td> <td>X</td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTC	2069 01	SOIL - B-200	6-28-19	0930	Soil	KE	X	02	SOIL - B-201		0950		KE	X	03	SOIL - SW-200		1005		KE	X	04	SOIL - SW-201		1020		KE	X	05	SOIL - SW-202		1035		KE	X	06	SOIL - SW-203		1050		KE	X	Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) <u>NYTC -8082</u>		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTC																																																		
2069 01	SOIL - B-200	6-28-19	0930	Soil	KE	X																																																		
02	SOIL - B-201		0950		KE	X																																																		
03	SOIL - SW-200		1005		KE	X																																																		
04	SOIL - SW-201		1020		KE	X																																																		
05	SOIL - SW-202		1035		KE	X																																																		
06	SOIL - SW-203		1050		KE	X																																																		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <u>V V P A A A</u> Preservative <u>F O A A A A</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																
Relinquished By: <u>Lamarita Miller</u> <u>She</u>		Date/Time <u>6/28/19 1235</u> <u>6/29/19 1330</u>		Received By: <u>[Signature]</u> <u>[Signature]</u>		Date/Time <u>6/28/19 1550</u> <u>6/29/19 0140</u>																																																		

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



ANALYTICAL REPORT

Lab Number:	L1928493
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Meghan Platt
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE
Project Number:	33525
Report Date:	07/19/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1928493-01	SOIL-B-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 09:30	06/28/19
L1928493-02	SOIL-SW-200	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:05	06/28/19
L1928493-03	SOIL-SW-201	SOIL	140 CORTLAND AVE., SYRACUSE	06/28/19 10:20	06/28/19

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

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

Please contact Project Management at 800-624-9220 with any questions.

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

Case Narrative (continued)

Report Submission

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

Perfluorinated Alkyl Acids by Isotope Dilution

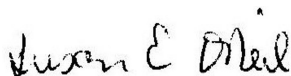
WG1260546-1, WG1260546-2, and WG1260546-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1260546-3 LCSD recovery, associated with L1928493-01 through -03, is above the acceptance criteria for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (139%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1260546-4 MS recoveries, performed on L1928493-01, are outside the acceptance criteria for perfluorooctanesulfonic acid (pfos) (17%) and perfluorodecanesulfonic acid (pfd) (145%).

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

Authorized Signature:



Susan O'Neil

Title: Technical Director/Representative

Date: 07/19/19

ORGANICS

SEMIVOLATILES

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS**

Lab ID: L1928493-01
 Client ID: SOIL-B-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 09:30
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 122,537(M)
 Analytical Date: 07/18/19 18:58
 Analyst: JW
 Percent Solids: 74%

Extraction Method: EPA 537(M)
 Extraction Date: 07/16/19 16:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	1.17	0.027	1
Perfluoropentanoic Acid (PFPeA)	0.061	J	ug/kg	1.17	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.17	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	1.17	0.061	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.17	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.17	0.071	1
Perfluorooctanoic Acid (PFOA)	0.157	J	ug/kg	1.17	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.17	0.209	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.17	0.159	1
Perfluorononanoic Acid (PFNA)	0.186	J	ug/kg	1.17	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	20.5		ug/kg	1.17	0.152	1
Perfluorodecanoic Acid (PFDA)	0.283	J	ug/kg	1.17	0.078	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.17	0.335	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.17	0.235	1
Perfluoroundecanoic Acid (PFUnA)	0.148	J	ug/kg	1.17	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	0.494	J	ug/kg	1.17	0.178	1
Perfluorooctanesulfonamide (FOSA)	0.162	J	ug/kg	1.17	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.40		ug/kg	1.17	0.099	1
Perfluorododecanoic Acid (PFDoA)	0.175	J	ug/kg	1.17	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.17	0.238	1
Perfluorotetradecanoic Acid (PFTA)	0.123	J	ug/kg	1.17	0.063	1
PFOA/PFOS, Total	20.7	J	ug/kg	1.17	0.049	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS****Lab ID:** L1928493-01**Date Collected:** 06/28/19 09:30**Client ID:** SOIL-B-200**Date Received:** 06/28/19**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	80		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	93		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	82		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	101		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	68		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	83		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	8		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	67		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	72		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		26-160

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS**

Lab ID: L1928493-02
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 122,537(M)
 Analytical Date: 07/18/19 19:14
 Analyst: JW
 Percent Solids: 83%

Extraction Method: EPA 537(M)
 Extraction Date: 07/16/19 16:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	1.11	0.025	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	1.11	0.051	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.11	0.043	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	1.11	0.058	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.11	0.050	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.11	0.067	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	1.11	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.11	0.199	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.11	0.151	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.11	0.083	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	1.11	0.144	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.11	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.11	0.318	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.11	0.223	1
Perfluoroundecanoic Acid (PFUnA)	0.153	J	ug/kg	1.11	0.052	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.11	0.169	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.11	0.108	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.132	J	ug/kg	1.11	0.094	1
Perfluorododecanoic Acid (PFDoA)	0.600	J	ug/kg	1.11	0.078	1
Perfluorotridecanoic Acid (PFTrDA)	1.01	J	ug/kg	1.11	0.226	1
Perfluorotetradecanoic Acid (PFTA)	0.612	J	ug/kg	1.11	0.060	1
PFOA/PFOS, Total	ND		ug/kg	1.11	0.046	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS**

Lab ID: L1928493-02
 Client ID: SOIL-SW-200
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:05
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	87		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		26-160

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS**

Lab ID: L1928493-03
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 122,537(M)
 Analytical Date: 07/18/19 19:47
 Analyst: JW
 Percent Solids: 75%

Extraction Method: EPA 537(M)
 Extraction Date: 07/16/19 16:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	1.19	0.027	1
Perfluoropentanoic Acid (PFPeA)	0.073	J	ug/kg	1.19	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.19	0.046	1
Perfluorohexanoic Acid (PFHxA)	0.080	J	ug/kg	1.19	0.062	1
Perfluoroheptanoic Acid (PFHpA)	0.065	J	ug/kg	1.19	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.19	0.072	1
Perfluorooctanoic Acid (PFOA)	0.264	J	ug/kg	1.19	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.19	0.213	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.19	0.162	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.19	0.089	1
Perfluorooctanesulfonic Acid (PFOS)	0.407	J	ug/kg	1.19	0.154	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.19	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.19	0.340	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.19	0.239	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.19	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.19	0.181	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.19	0.116	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.19	0.100	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.19	0.083	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.19	0.242	1
Perfluorotetradecanoic Acid (PFTA)	0.077	J	ug/kg	1.19	0.064	1
PFOA/PFOS, Total	0.671	J	ug/kg	1.19	0.050	1

Project Name: FORMER COYNE TEXTILE**Lab Number:** L1928493**Project Number:** 33525**Report Date:** 07/19/19**SAMPLE RESULTS**

Lab ID: L1928493-03
 Client ID: SOIL-SW-201
 Sample Location: 140 CORTLAND AVE., SYRACUSE

Date Collected: 06/28/19 10:20
 Date Received: 06/28/19
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	107		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	92		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	111		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	110		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 122,537(M)
Analytical Date: 07/18/19 13:59
Analyst: JW

Extraction Method: EPA 537(M)
Extraction Date: 07/16/19 16:23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1260546-1					
Perfluorobutanoic Acid (PFBA)	0.067	J	ug/kg	1.00	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	1.00	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	1.00	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	1.00	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	1.00	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	1.00	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	1.00	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	1.00	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	1.00	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	1.00	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	1.00	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	1.00	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	1.00	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	1.00	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	1.00	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	1.00	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	1.00	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	1.00	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	1.00	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	1.00	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	1.00	0.054
PFOA/PFOS, Total	ND		ug/kg	1.00	0.042

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

Method Blank Analysis Batch Quality Control

Analytical Method: 122,537(M)
 Analytical Date: 07/18/19 13:59
 Analyst: JW

Extraction Method: EPA 537(M)
 Extraction Date: 07/16/19 16:23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-03 Batch: WG1260546-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	50	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	55	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	85		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	63		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	67		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	85		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	67		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	66		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	75		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	73		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	79		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	77		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	55		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	60		26-160

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928493

Report Date: 07/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1260546-2 WG1260546-3								
Perfluorobutanoic Acid (PFBA)	115		110		71-135	4		30
Perfluoropentanoic Acid (PFPeA)	120		114		69-132	5		30
Perfluorobutanesulfonic Acid (PFBS)	116		115		72-128	1		30
Perfluorohexanoic Acid (PFHxA)	126		121		70-132	4		30
Perfluoroheptanoic Acid (PFHpA)	114		112		71-131	2		30
Perfluorohexanesulfonic Acid (PFHxS)	117		116		67-130	1		30
Perfluorooctanoic Acid (PFOA)	119		118		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	124		128		64-140	3		30
Perfluoroheptanesulfonic Acid (PFHpS)	112		122		70-132	9		30
Perfluorononanoic Acid (PFNA)	122		116		72-129	5		30
Perfluorooctanesulfonic Acid (PFOS)	104		108		68-136	4		30
Perfluorodecanoic Acid (PFDA)	125		120		69-133	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		139	Q	65-137	5		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	124		112		63-144	10		30
Perfluoroundecanoic Acid (PFUnA)	112		107		64-136	5		30
Perfluorodecanesulfonic Acid (PFDS)	134		117		59-134	14		30
Perfluorooctanesulfonamide (FOSA)	103		109		67-137	6		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	118		113		61-139	4		30
Perfluorododecanoic Acid (PFDoA)	121		109		69-135	10		30
Perfluorotridecanoic Acid (PFTrDA)	121		117		66-139	3		30
Perfluorotetradecanoic Acid (PFTA)	133		130		69-133	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Lab Number: L1928493

Project Number: 33525

Report Date: 07/19/19

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
-----------	------------------	------	------------------	------	---------------------	-----	------	---------------

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 Batch: WG1260546-2 WG1260546-3

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	44	Q	40	Q	60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	48	Q	44	Q	65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	79		78		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	57	Q	52	Q	61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	64		58	Q	62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	78		80		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	63		58	Q	62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	70		65		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	69		67		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	76		75		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	68		65		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	73		75		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		57		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		71		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	54		49		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		66		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		55		26-160

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928493

Report Date: 07/19/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1260546-4 QC Sample: L1928493-01 Client ID: SOIL-B-200												
Perfluorobutanoic Acid (PFBA)	ND	5.86	6.53	111		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	0.061J	5.86	6.75	115		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	5.86	6.58	112		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.86	7.23	123		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.86	6.60	113		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	5.86	6.96	119		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	0.157J	5.86	7.02	120		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.86	7.69	131		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.86	7.29	124		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	0.186J	5.86	7.28	124		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	20.5	5.86	21.5	17	Q	-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	0.283J	5.86	7.31	125		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.86	6.90	118		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.86	7.16	122		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	0.148J	5.86	6.52	111		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	0.494J	5.86	8.49	145	Q	-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	0.162J	5.86	7.25	124		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.40	5.86	7.47	104		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	0.175J	5.86	7.09	121		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.86	7.22	123		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	0.123J	5.86	7.60	130		-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928493

Report Date: 07/19/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1260546-4 QC Sample: L1928493-01 Client ID: SOIL-B-200												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	100				25-186
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	92				32-182
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	75				42-136
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71				45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				64-158
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86				65-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	95				61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95				62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97				63-166
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	77				56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72				26-160
Perfluoro[13C4]Butanoic Acid (MPFBA)	87				60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86				65-182
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	10				1-125
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88				65-151
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				62-152
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91				61-154
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98				70-151

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928493

Report Date: 07/19/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1260546-5 QC Sample: L1928493-02 Client ID: SOIL-SW-200						
Perfluorobutanoic Acid (PFBA)	ND	ND	ug/kg	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ug/kg	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ug/kg	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ug/kg	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ug/kg	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ug/kg	NC		30
Perfluorooctanoic Acid (PFOA)	ND	0.051J	ug/kg	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ug/kg	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ug/kg	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ug/kg	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ug/kg	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ug/kg	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ug/kg	NC		30
Perfluoroundecanoic Acid (PFUnA)	0.153J	ND	ug/kg	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ug/kg	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.132J	ND	ug/kg	NC		30
Perfluorododecanoic Acid (PFDoA)	0.600J	ND	ug/kg	NC		30
Perfluorotridecanoic Acid (PFTrDA)	1.01J	ND	ug/kg	NC		30

Lab Duplicate Analysis Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 33525

Lab Number: L1928493

Report Date: 07/19/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1260546-5 QC Sample: L1928493-02 Client ID: SOIL-SW-200						
Perfluorotetradecanoic Acid (PFTA)	0.612J	0.067J	ug/kg	NC		30
PFOA/PFOS, Total	ND	0.051J	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		86		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	87		84		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		93		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		90		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		90		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		95		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		83		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		82		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	91		88		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	98		89		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		84		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	106		90		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		50		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	87		84		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	1		1		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		55		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		78		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		73		26-160

INORGANICS & MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928493**Report Date:** 07/19/19**SAMPLE RESULTS****Lab ID:** L1928493-01**Client ID:** SOIL-B-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 09:30**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	74.4		%	0.100	0.100	1	-	07/17/19 00:01	121,2540G	CC



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928493**Report Date:** 07/19/19**SAMPLE RESULTS****Lab ID:** L1928493-02**Client ID:** SOIL-SW-200**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:05**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	83.2		%	0.100	0.100	1	-	07/17/19 00:01	121,2540G	CC



Project Name: FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928493**Report Date:** 07/19/19**SAMPLE RESULTS****Lab ID:** L1928493-03**Client ID:** SOIL-SW-201**Sample Location:** 140 CORTLAND AVE., SYRACUSE**Date Collected:** 06/28/19 10:20**Date Received:** 06/28/19**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	75.1		%	0.100	0.100	1	-	07/17/19 00:01	121,2540G	CC



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** FORMER COYNE TEXTILE**Project Number:** 33525**Lab Number:** L1928493**Report Date:** 07/19/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1260699-1 QC Sample: L1928493-01 Client ID: SOIL-B-200						
Solids, Total	74.4	71.7	%	4		10

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Serial_No:07191916:53
Lab Number: L1928493
Report Date: 07/19/19

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1928493-01A	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-TS(7),A2-NY-537-ISOTOPE(28)
L1928493-02A	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-TS(7),A2-NY-537-ISOTOPE(28)
L1928493-03A	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-TS(7),A2-NY-537-ISOTOPE(28)

Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

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

Terms

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

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers



Project Name: FORMER COYNE TEXTILE
Project Number: 33525

Lab Number: L1928493
Report Date: 07/19/19

REFERENCES

- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 122 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS). EPA Method 537, EPA/600/R-08/092. Version 1.1, September 2009.

LIMITATION OF LIABILITIES

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

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



Alpha Analytical, Inc.

ID No.:17873

Facility: **Company-wide**

Revision 12

Department: **Quality Assurance**

Published Date: 10/9/2018 4:58:19 PM

Title: **Certificate/Approval Program Summary**

Page 1 of 1

Certification Information

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

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene**EPA 8260C:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.**Biological Tissue Matrix:** EPA 3050B

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

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

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

Page 31 of 31

APPENDIX H

Geotextile Cut Sheet





■ FX[®]-35HS

Carthage Mills' FX-35HS is a multipurpose nonwoven geotextile of 100% polypropylene staple fibers which are formed into a random network, needlepunched and heatset for dimensional stability. FX-35HS is part of the Carthage [FX-HS Series](#) of nonwoven geotextiles, is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

AASHTO M 288-06: FX-35HS exceeds the geotextile requirements for TEMPORARY SILT FENCE (NONWOVEN – SUPPORTED).

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
☐ Mechanical			
Grab Tensile Strength	ASTM D 4632	0.40 kN	90 lbs
Grab Tensile Elongation		50%	
Trapezoidal Tear	ASTM D 4533	0.18 kN	40 lbs
CBR Puncture	ASTM D 6241	1.09 kN	245 lbs
☐ Endurance			
UV Resistance	ASTM D 4355	70% @ 500 hrs	
☐ Hydraulics / Filtration			
Permittivity ⁽¹⁾	ASTM D 4491	2.00 sec ⁻¹	
Water Flow Rate ⁽¹⁾		5908 lpm/m ²	145 gpm/ft ²
Apparent Opening Size (AOS) ⁽¹⁾	ASTM D 4751	0.300 mm	50 US Std. Sieve
☐ Physical			
Mass Per Unit Area (Typical)	ASTM D 5261	118.7 g/m ²	3.5 oz/yd ²
Thickness (Typical)	ASTM D 5199	1.2 mm	50 mils
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	3.81 m x 109.7 m 418.1 m ² 63.5 kg	12.5 ft x 360 ft 500 yd ² 140 lbs
		4.57 m x 109.7 m 501.6 m ² 77.1 kg	15.0 ft x 360 ft 600 yd ² 170 lbs

NOTES: Mullen Burst Strength ASTM D 3786 is no longer recognized by ASTM D35 on Geosynthetics. Puncture Strength ASTM D 4833 is not recognized by AASHTO M 288-06 and has been replaced with CBR Puncture ASTM D 6241.

- ⁽¹⁾ At the time of manufacturing. Handling, storage and shipping may change these properties.
- Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV).
 - The properties reported above are effective 02-03-14 and are subject to change without notice.

» [AASHTO M 288-06: Geotextile Product Selection Guide](#)

Carthage Mills assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Carthage Mills disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

APPENDIX I

Imported Fill Material Information



KINSELLA QUARRIES

Serving The Greater Syracuse Area Since 1967

T.H. Kinsella, Inc.

P.O. Box 7
Fayetteville, NY 13066

Phone: 315.637.3390

Fax: 315.637.1808

www.thkinsella.com

May 30, 2019

Samantha Miller
Assistant Engineer III
Clough Harbour & Associates
300 South State Street, Suite 600
Syracuse NY 13202

Transmitted via email to: smiller@chacompanies.com

Dear Ms. Miller,

Please know that all #2 crushed stone furnished from the T. H. Kinsella, Inc. Jamesville, NY location was sourced from uncontaminated, virgin material. This source has received NYS DOT approval, **number 3-3R**. The materials do not come from a hazardous waste site, nor do they come from a previously contaminated location. This location is registered with and operates under the authority of the NYS DEC (Permit # **7-3126-000122**).

If you have any other questions, please feel free to contact me.

Sincerely,

Aaron Howard
Office Manager
T. H. Kinsella, Inc.
Email: ahoward@thkinsella.com

**CRUSHED STONE
SIZED STONE
WASHED SAND
TOPSOIL**

Not Prewashed:

Not Prewashed:

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595572
Date: 7/11/2019 2:07 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 801 CRUSHER RUN
Tax Jurisdiction: Onondaga County 3121

Gross: 65,620 lb 7 Out 2:07 PM
Tare: 22,780 lb STORED In 2:07 PM
Net: 42,840 lb
21.42 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595572
Date: 7/11/2019 2:07 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 801 CRUSHER RUN
Tax Jurisdiction: Onondaga County 3121

Gross: 65,620 lb 7 Out 2:07 PM
Tare: 22,780 lb STORED In 2:07 PM
Net: 42,840 lb
21.42 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595537
Date: 7/11/2019 1:21 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 66,420 lb 7 Out 1:21 PM
Tare: 22,780 lb STORED In 1:21 PM
Net: 43,640 lb
21.82 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595537
Date: 7/11/2019 1:21 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 66,420 lb 7 Out 1:21 PM
Tare: 22,780 lb STORED In 1:21 PM
Net: 43,640 lb
21.82 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595536
Date: 7/11/2019 1:19 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 801 CRUSHER RUN
Tax Jurisdiction: Onondaga County 3121

Gross: 64,940 lb 7 Out 1:19 PM
Tare: 23,140 lb STORED In 1:19 PM
Net: 41,800 lb
20.90 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595536
Date: 7/11/2019 1:19 PM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 801 CRUSHER RUN
Tax Jurisdiction: Onondaga County 3121

Gross: 64,940 lb 7 Out 1:19 PM
Tare: 23,140 lb STORED In 1:19 PM
Net: 41,800 lb
20.90 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595506
Date: 7/11/2019 12:31
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 70,140 lb 7 Out 12:31 PM
Tare: 23,140 lb STORED In 12:31 PM
Net: 47,000 lb
23.50 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595506
Date: 7/11/2019 12:31
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 70,140 lb 7 Out 12:31 PM
Tare: 23,140 lb STORED In 12:31 PM
Net: 47,000 lb
23.50 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595505
Date: 7/11/2019 12:29
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 67,340 lb 7 Out 12:29 PM
Tare: 22,780 lb STORED In 12:29 PM
Net: 44,560 lb
22.28 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$
Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595505
Date: 7/11/2019 12:29
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 67,340 lb 7 Out 12:29 PM
Tare: 22,780 lb STORED In 12:29 PM
Net: 44,560 lb
22.28 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$
Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595461
Date: 7/11/2019 11:39 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 65,240 lb 7 Out 11:39 AM
Tare: 23,140 lb STORED In 11:39 AM
Net: 42,100 lb
21.05 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595461
Date: 7/11/2019 11:39 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 65,240 lb 7 Out 11:39 AM
Tare: 23,140 lb STORED In 11:39 AM
Net: 42,100 lb
21.05 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595443
Date: 7/11/2019 11:24 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 64,120 lb 7 Out 11:24 AM
Tare: 22,780 lb STORED In 11:24 AM
Net: 41,340 lb
20.67 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595443
Date: 7/11/2019 11:24 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 64,120 lb 7 Out 11:24 AM
Tare: 22,780 lb STORED In 11:24 AM
Net: 41,340 lb
20.67 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595414
Date: 7/11/2019 10:51 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 63,980 lb 7 Out 10:50 AM
Tare: 23,140 lb STORED In 10:51 AM
Net: 40,840 lb
20.42 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595414
Date: 7/11/2019 10:51 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 63,980 lb 7 Out 10:50 AM
Tare: 23,140 lb STORED In 10:51 AM
Net: 40,840 lb
20.42 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595398
Date: 7/11/2019 10:30 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 65,140 lb 7 Out 10:30 AM
Tare: 22,780 lb STORED In 10:30 AM
Net: 42,360 lb
21.18 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595398
Date: 7/11/2019 10:30 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 65,140 lb 7 Out 10:30 AM
Tare: 22,780 lb STORED In 10:30 AM
Net: 42,360 lb
21.18 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595377
Date: 7/11/2019 10:03 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 67,700 lb 7 Out 10:03 AM
Tare: 23,140 lb STORED In 10:03 AM
Net: 44,560 lb
22.28 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595377
Date: 7/11/2019 10:03 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 67,700 lb 7 Out 10:03 AM
Tare: 23,140 lb STORED In 10:03 AM
Net: 44,560 lb
22.28 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595344
Date: 7/11/2019 9:23 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 69,020 lb 7 Out 9:23 AM
Tare: 22,780 lb STORED In 9:23 AM
Net: 46,240 lb
23.12 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595344
Date: 7/11/2019 9:23 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

Order No: 1903
140 CORTLAND AVE

SYRACUSE NY 13209

Truck: 120 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 69,020 lb 7 Out 9:23 AM
Tare: 22,780 lb STORED In 9:23 AM
Net: 46,240 lb
23.12 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595329
Date: 7/11/2019 9:03 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 66,780 lb 7 Out 9:03 AM
Tare: 23,140 lb STORED In 9:03 AM
Net: 43,640 lb
21.82 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

T H KINSELLA, INC.
8086 GENESEE TURNPIKE
P.O. BOX 7
FAYETTEVILLE NY 13066-0007

Ticket #: 2595329
Date: 7/11/2019 9:03 AM
Phone: (315) 637-3390
Fax: (315) 637-1808

Customer: UAS
UAS CONSTRUCTION DIVISION, LLC
1200 STATE FAIR BOULEVARD

SYRACUSE NY 13209

Order No: 1903
140 CORTLAND AVE

Truck: 126 -
Material: 821 #2 CRUSHED STONE
Tax Jurisdiction: Onondaga County 3121

Gross: 66,780 lb 7 Out 9:03 AM
Tare: 23,140 lb STORED In 9:03 AM
Net: 43,640 lb
21.82 tn

Received By:

Remarks: OLD COYNE CORTLAND AV CALL CHRIS WHEN LEAVING
315 720 5822

Material \$
Delivery \$
Misc \$
Tax \$

Total \$

