# Final Remedial Action Report for Remedial Action Work Plan Activities <br> Former Banknote Facility <br> 10 Dunnigan Drive <br> Town of Ramapo, <br> Rockland County, NY <br> Voluntary Cleanup Program <br> NYSDEC VCP Number: V-00359 

March 2005
ERM Project Number: 0018416

Environmental Resources Management
5788 Widewaters Parkway
DeWitt, New York 13214
TABLE OF CONTENTS
EXECUTIVE SUMMARY
1.0 INTRODUCTION ..... 1-1
2.0 PROJECT BACKGROUND ..... 2-1
2.1 SITE DESCRIPTION ..... 2-1
2.1.1 Site Geology and Hydrogeology ..... 2-2
2.2 REGULATORY HISTORY AND PREVIOUS INVESTIGATION FINDINGS ..... 2-3
2.3 PROJECT DESCRIPTION ..... 2-4
2.4 SUMMARY OF REMEDIAL OBJECTIVES ..... 2-4
3.0 DESCRIPTION OF CONSTRUCTION ACTIVITIES ..... 3-1
3.1 PROJECT STAFF AND RESPONSIBILITIES ..... 3-1
3.1.1 New York State Department of Environmental Conservation ..... 3-1
3.1.2 ERM EnviroClean, Inc. ..... 3-1
3.1.3 Environmental Waste Minimization, Inc. ..... 3-2
3.2 SITE PREPARATION ..... 3-2
3.3 HEALTH AND SAFETY ..... 3-3
3.3.1 HEALTH AND SAFETY MEETINGS ..... 3-3
3.3.2 ESTABLISHMENT OF WORK AND EXCLUSION ZONES ..... 3-3
3.3.3 AIR MONITORING PROGRAM ..... 3-4
3.4 FORMER CHROMIUM ROOM EXCAVATION ..... 3-5
3.4.1 EXCAVATION WITHIN FORMER CHROMIUM ROOM ..... 3-5
3.4.2 CHROMIUM ROOM CONFIRMATIONAL ANALYTICAL RESULTS ..... 3-6
3.4.3 STRUCTRAL UNDERPINNING ..... 3-6
3.4.4 CHROMIUM ROOM BACKFILLING AND COMPACTION ..... 3-8
3.5 EXTERIOR EXCAVATION ..... 3-9
3.5.1 EXTERIOR PREPERATION ..... 3-9
3.5.2 EXCAVATION OF EXTERIOR ..... 3-9
3.5.3 EXTERIOR CONFIRMATIONAL ANALYTICAL RESULTS ..... 3-11
3.5.4 EXTERIOR BACKFILLING AND COMPACTION ..... 3-12
3.6 FLOOR SLAB REPLACEMENT IN CHROMIUM ROOM ..... 3-13
3.6.1 SUB-SLAB PREPERATION ..... 3-13
3.6.2 CONRETE REPLACEMENT ..... 3-13

TABLE OF CONTENTS (CONTINUED)
3.7 EPOXY PAINTING OF EXTERIOR WALL ..... 3-13
3.8 RESTORATION AND DEMOBILIZATION ..... 3-14
3.9 TRANSPORTATION AND DISPOSAL OF WASTE MATERIAL ..... 3-14
3.9.1 DRUM REMOVAL, TRANSPOTATION AND DISPOSAL ..... 3-14
3.9.2 SOIL REMOVAL, TRANSPOTATION AND DISPOSAL ..... 3-15
3.10 SUMMARY OF WORK PERFORMED ..... 3-15
3.11 ONGOING GROUND WATER MONITORING ..... 3-16
3.12 DEED RESTRICTIONS ..... 3-16
4.0 SUMMARY AND CERTIFICATION ..... 4-1

## LIST OF FIGURES

2-1 Site Location Map
2-2 Site Layout
2-3 Chromium Soil Data Sample Locations
2-4 Chromium Soil Data - December 1995
2-5 Chromium Soil Data - January 1996
2-6 Chromium Soil Data - July 2001
2-7 Chromium Soil Data - Peachtree - July 2002
2-8 Chromium Soil Data - August 2002
2-9 Chromium Soil Data - May 2003
2-10 Chromium Affected Soil Greater Than 50 PPM
2-11 Monitoring Well Locations
3-1 Air Monitoring Locations
3-2 Chromium Room Excavation Area
3-3 Chromium Room - Sample Locations
3-4 Exterior Area - Sample Locations
LIST OF TABLES
3-1 Summary of Chromium Room Confirmation Sample Results
3-2 Summary of Exterior Area Confirmation Sample Results
LIST OF APPENDICES
Appendix A-Figures
Appendix B-Tables
Appendix C-Dust Monitoring Readings
Appendix D - Chromium Room and Exterior Excavation - Material Summary
Appendix E-Analytical Data Sheets - Confirmation Sample Analytical Results
Appendix F - Fill Certification and Summary of QP Deliveries
Appendix G-Drum Disposal Manifest Documentation
Appendix H - Soil Disposal Manifest Forms/Bills of Lading
Appendix I - Photographic Log

This Final Remedial Action Report (Report) has been prepared by Environmental Resources Management (ERM) on behalf of Baker Properties, L.P. (Baker), to document the remedial action that was conducted at the Former Banknote Facility. The Former Banknote Facility is a 10 -acre parcel and structure located at 10 Dunnigan Drive, Town of Ramapo, Rockland County, New York (the "Site"). The remedial action was conducted in accordance with a Brownsfield Cleanup Agreement (BCA) with an effective date of 24 June 2004, between Baker and the New York State Department of Environmental Conservation (NYSDEC), BCA Index No. A3-0424-0007; Site No. C00359-3, and in accordance with the following technical documents:

- NYSDEC-approved "Remedial Action Work Plan (RAWP)", under the Voluntary Cleanup Program (VCP) ; NYSDEC VCP No.: V-00359, Revised December, 2003 (ERM);
- NYSDEC-approved "Health and Safety Plan", dated January 2004 (ERM);
- NYSDEC-approved "Quality Assurance Project Plan", dated October 2003 (ERM); and
- NYSDEC-approved letter dated 29 April 2004 (ERM), which responded to general comments from the public hearing.

This Report is organized into four sections with appendices, and presents the remedial activities in a general chronological order. Section 2.0 presents a description of the Site and project. Section 3.0 presents a detailed description of the remedial activities that were performed at the Site, while Section 4.0 presents a project summary and signed certification by ERM's engineer of record. The appendices contain analytical data reports, photographs and other supporting information.

## 2.1 <br> SITE DESCRIPTION

The RAWP includes a detailed description of the Former Banknote facility. This description is summarized below.

The Site is located at 10 Dunnigan Drive within the Village of Montebello in the Town of Ramapo, Rockland County, New York. Appendix A, Figure 2-1 presents a Site Location Map showing the location of the facility and the surrounding areas. Site coordinates are $41^{\circ} 06.93^{\prime}$ North latitude and $74^{\circ} 07.05^{\prime}$ West longitude. The entire facility is situated on approximately 10 acres of land.

The building was constructed circa 1965, and is approximately 93,000 square feet in size. Of the 93,000 total square feet, 88,000 square feet constitutes the original manufacturing area, while 5,000 square feet comprises office space. Appendix A, Figure 2-2 presents a Site Layout of the facility property including the building structure.

The facility was originally a carton manufacturing plant built for and operated by International Paper Company (IPC). IPC leased the building to Savin Corp. (Savin) in December of 1978. Savin used the facility for light assembly of office machines and equipment, and for warehousing and distribution. Around early 1983, Baker purchased the property and continued the lease to Savin. Savin's lease was terminated in January of 1984. This concluded the manufacturing, warehousing and distribution activities at the site.

Baker leased the facility to American Banknote (ABN) from January of 1984 to April of 1990. In 1990, ABN assigned its lease of the property over to Banknote Corporation of America (BCA), who leased the property until December 1995. There were two (2) known environmental issues during ABN's and BCA's occupancy of the building associated with the operation of a chromium scrubber on the west side of the building. This area was discovered in August 1986 and reportedly remediated at a later, but unknown, date. The second discovery of chromium contamination was in this same area in March of 1990. In 1992, the soil in this area was again remediated, under the direction of the NYSDEC.

Since December 1995, the building has been partially decontaminated and sampled. Portions of the affected soil have been removed from the former chromium plating room. Additionally, an extensive database of subsurface samples has been generated to characterize and monitor the subsurface soil and water at the Site. These voluntary sampling events have shown a stable or declining concentration of chromium over time.

### 2.2.1 <br> Site Geology and Hydrogeology

Based on data gathered from the "Surficial Geology and Geologic Sections" by Richard B. Moore and Donald H. Caldwell dated 1981, the Site lies across a boundary between lacustrine sand and silt on the west side of the Site and an ablation till on the east side of the Site. The lacustrine deposit was formed when the area was covered with an ancient glacial lake and the ablation till was deposited as the glacier receded from the area.

The Site is located along the western edge of the Newark Lowlands, which is bounded on the northwest by the Hudson Highlands and on the southeast by the Manhattan Prong. The Newark Lowlands are lower and flatter than the Hudson Highlands because the underlying bedrock consists of distinctive red sandstone and shales, which erode easier than the metamorphic rocks of the Hudson Highlands. Numerous ridges of more resistant igneous rocks run northeast-southwest through the Newark Lowlands.

The sedimentary and igneous rocks of the Newark Lowlands lie in a large basin known as the Newark Basin. These rocks are Triassic to Jurassic in age and are known as the Newark Group. The Site is located on the Hammer Creek Conglomerate, which intermingles with the Brunswick Formation. The Hammer Creek Conglomerate contains blocks and boulders of various older limestones and dolostones. Most of this deposit is overlain by unconsolidated glacial deposits of Pleistocene age as described above.

The United States Geological Survey (USGS) 7.5 Minute Series topographic map, dated 1955, for the Park Ridge, NJ - New York Quadrangle shows the Site is relatively flat and has an elevation of approximately 440 feet above mean sea level. At the southern portion of the property, elevations drop off slowly to the south and west. At the northern property line, elevations decrease to the north toward Interstate $87 / 287$. Surface water from the southern portion of the Site eventually drains into an unnamed creek located approximately 1,000 feet south of the Site. This unnamed creek drains into the Mahwah River approximately one and a half miles northwest of the Site. Surface water drainage along northern portions of the Site would eventually drain to a storm water conveyance ditch located along Interstate 87/287.

Depth to ground water as measured in the shallow wells at the Site ranged from approximately 10 feet to 22 feet below grade. Previous ground water studies indicate the ground water flows in a northnorthwesterly direction. (Note: Previous excavations in the chromium
room during previous excavation work by ERM in May 2003 indicated a perched water table at approximately 6 feet below the slab in the chromium room.)

REGULATORY HISTORY AND PREVIOUS INVESTIGATION FINDINGS
There were two known environmental issues during ABN's occupancy. The first was the discovery of chromium-contaminated soil to the west of the building in August 1986. This soil was reportedly remediated at a later, but unknown date. The second environmental issue was the discovery of additional chromium contaminated soil in this same area in March of 1990. In 1992, the soil in this area was again remediated, under the direction of the NYSDEC.

During BCA's operation of the facility, no known releases of regulated substances to the environment were reported. As part of BCA's plan to vacate the property in December of 1995, BCA, through its consultant Kiber Environmental Services (Kiber), conducted an extensive decontamination of all interior surfaces and conducted an environmental assessment of the facility that included environmental media sampling (i.e., soil \& groundwater). Results of this effort indicated the presence of chromium in the soil and ground water on the west side of the building at concentrations that required additional investigation.

Between December 1995 through May 2003, 108 soil samples were collected at the Site. The locations of previous sampling events are presented in Appendix A, Figure 2-3 with associated analytical laboratory results presented in Appendix A, Figures 2-3 through 2-9. The area of chromium-affected soil is presented in Appendix A, Figure 2-10.

Since December 1995, a series of voluntary investigations have occurred to characterize and monitor the ground water at the Site. These voluntary sampling events (a total of nine events performed on a quarterly basis from 1996 until 1998, and on a bi-annual basis thereafter, with the most recent event in 2002) have shown a stable or declining concentration of chromium.

The Site has 11 monitoring wells installed as part of site investigations between 1996 and 2002. Monitoring Well locations are presented on Figure 2-11. Ground water flows to the north-northwest across the Site. Chromium has been detected in the shallow saturated zone in MW-2 adjacent and due west of the chromium room (here after referred to as the former chromium room ( FCR )) and in decreasing concentrations down gradient. The hydraulic permeability at the Site was estimated by Peachtree Environmental to be between $10^{-3}$ and $10^{-5} \mathrm{~cm} / \mathrm{sec}$ across the site. The unsaturated zone extends from the ground surface to
approximately 10 feet below grade. A shallow saturated zone extends from roughly 10 below grade to 52 feet below grade. Bedrock is located at approximately 39 to 52 feet below existing ground surfaces.

## 2.3

PROJECT DESCRIPTION
This Report documents the implementation of the remedial activities that were proposed in the NYSDEC-approved BCP Work Plan. The remedial activities consisted of the following elements:

- Excavation and off-site disposal of chromium-impacted soil from beneath the FCR floor and the exterior of the building;
- Collection of confirmatory samples to document the quality of the remaining soil in the excavated areas;
- Backfill and restoration of the excavations and installation of a new concrete slab in the FCR; and
- Implementation of a post-remedy ground water monitoring program every fifth quarter for five years and the placement of ground water use limitations on the property deed.


### 2.4 SUMMARY OF REMEDIAL OBJECTIVES

The remedial action objectives (RAOs) selected for the Site are to eliminate the potential for direct human contact with the chromium affected soils through soil excavation. The remedial activities will meet the project objectives as follows:

- Eliminate the potential for direct human contact with chromiumaffected soil. The selected remedy involved the excavation of soil with concentrations greater than $50 \mathrm{mg} / \mathrm{kg}$, to a depth of approximately 6 -feet below grade. (Note: Previous excavations in the FCR during previous excavation work by ERM in May 2003 indicated a perched water table at approximately 6 feet below the slab in the FCR.) Excavation took place in the area of concerns (AOCs), including the FCR, and the western portion of the site as shown on Figure 2-10, to remove and properly manage the chromium impacted soils.

The main elements of the selected remedy, which have been designed to meet the objectives as stated above, included the following:

- Excavation of chromium affected soil from the FCR and areas on the outside of the building;
- Containerize and dispose off-site all chromium affected soil; and
- Backfill with clean soil and restore all excavation areas.

The remedy will accomplish the removal of affected soil above 50 ppm , such that there will be no need for land use restrictions associated with site soil. The $50-\mathrm{ppm}$ level is as agreed upon in the BCA with an effective date of 24 June 2004, between Baker and the New York State Department of Environmental Conservation (NYSDEC), BCA Index No. A3-0424-0007; Site No. C00359-3.

The ground water remedial action will include the monitoring of selected monitoring wells and the placement of ground water use limitations on the property deed.

As presented in other sections of this Report, the project described in the BCP Work Plan consisted of several separate phases of work. Section 3.0 describes the field implementation of the actual Site remedy, including site preparation and services, health and safety, former CR and exterior area remediation, and transportation and disposal of waste material. The narrative provides references to significant dates during the remedial action process.

### 3.1 PROJECT STAFF AND RESPONSIBILITIES

This Section identifies the key parties and personnel involved with the Site remedy.

### 3.1.1 New York State Department of Environmental Conservation

The New York State Department of Environmental Conservation (NYSDEC) Project Manager was Mr. Dan Eaton, P.E. During construction, Mr. Eaton was responsible for NYSDEC's site inspections, and served as the NYSDEC point of contact. Mr. Jim Schreyer, Construction Inspector II of the Hazardous Waste Division of Region 3 (New Paltz office) assisted with periodic NYSDEC site inspections.

### 3.1.2 ERM EnviroClean, Inc.

ERM EnviroClean, Inc. (EnviroClean) the construction management subsidiary of ERM, provided construction management services, to ensure that the project was performed in accordance with the VCP Work Plan. The construction management services included the procurement of remediation subcontractors, and the provision of project management and engineering inspection services during construction. ERM EnviroClean personnel were present daily during all remedial activities, unless described otherwise in this Report.

ERM EnviroClean's Project Manager was Mr. David W. Myers, C.G. Mr. Myers was responsible for overall quality assurance, to ensure that the VCP Work Plan was implemented as required. Mr. Myers was also responsible for the day to day coordination with field inspection personnel and the construction subcontractor; for conducting his own periodic inspections of the work; ensuring the technical adequacy of the work performed; reviewing and approving subcontractor applications for payment; running periodic progress meetings; and coordinating the preparation of this Report.

Mr. Robert Sents served as ERM EnviroClean's Resident. Project Representative. Mr. Sents' responsibilities included the following:

- Inspection of subcontractor remediation work and site activities;
- Maintenance of construction records and reports, including quantities of soil removal, and disposal;
- Field coordination and implementation of the community air monitoring program;
- Coordination and collection of soil confirmatory samples, for postexcavation soil that remained in place;
- Field verification that all work was performed in accordance with the VCP Work Plan;
- Identifying any defective work and advising on corrective actions; and
- Maintaining a log of shipping documents for waste material transported to off-site disposal facilities.


### 3.1.3 Environmental Waste Minimization, Inc.

Environmental Waste Minimization, Inc. (EWMI), located in Northampton, PA, was retained as ERM EnviroClean's subcontractor to perform the remedial work at the Site. EWMI was also responsible for the transportation and off-site disposal of all excavated soil and concrete slab debris. EWMI's remedial work began on 12 July 2004 and was completed on 2 September 2004.

EWMI's Project Manager was Mr. Tim David. Mr. David was responsible for EWMI's overall performance during remedial activities. Mr. Tom Sidloski served as the Site Superintendent, and was responsible for daily work activities. Mr. Sidloski was responsible for project coordination, construction activities, arrangement of disposal facilities and transporters, and ordering of supplies and equipment. Mr. Sidloski acted as a liaison for EWMI with ERM EnviroClean during field activities.

## 3.2 <br> SITE PREPARATION

Mobilization began on 12 July 2004. EWMI mobilized on that date, and started site preparation activities the same day, 12 July 2004.

Site preparation activities by EWMI included preparation of exterior areas for placement of the construction trailer, equipment laydown/storage areas and temporary waste disposal storage areas.

### 3.3 HEALTH AND SAFETY

All work was performed in accordance with the health and safety plan (HASP) developed by ERM for the project and included in the VCP Work Plan. All ERM EnviroClean subcontractors followed ERM's HASP during site activities. In addition, all requirements of the Community Air Monitoring Program (CAMP) described in Section 5.3 of the VCP Work Plan were implemented and met. The HASP described, among other things, safety responsibilities, safety equipment and procedures, equipment decontamination, medical surveillance, training, levels of personal and respiratory protection, site perimeter air monitoring, and emergency response procedures. All health and safety records not presented, as Appendices are located in the project file.

### 3.3.1 Health And Safety Meetings

Daily "tailgate" safety meetings were held between ERM EnviroClean and EWMI each day prior to work when intrusive activities were scheduled. Periodic informal progress meetings were also held and attended by representatives of EnviroClean and EWMI. Health and safety issues were discussed at these informal progress meetings.

### 3.3.2 Establishment Of Work/Exclusion Zones

Earth disturbance activities occurred within the interior chromium room and on the exterior western portion of the facility. To reduce the accidental spread of site contamination during remedial activities, work zones were established at the remedial areas to control site operations and personnel flow. The Site work zones consisted of the Exclusion Zone (EZ), the contaminate reduction zone (CRZ), and the Support Zone (SZ).

The excavation areas were marked by lines, placards, hazard tape and/or signs. There was an access control point at the periphery of he EZ regulating personnel and equipment flow into and out of the EZ into the CRZ discussed below. The access control point varied based on excavation progression.

The CRZ is the transition area between the EZ and the SZ. The CRZ limits the physical transfer of contamination to clean areas. Personnel and equipment decontamination activities occurred in the

CRZ. Access control points were designated individually for large excavation equipment and personnel and small equipment.

The SZ was the location of the administrative and support functions for remedial activities. The field trailer was located in the support zone. Any function that need not or cannot be performed in the impacted area was performed in the SZ.

### 3.3.3 Air Monitoring Program

A comprehensive CAMP was implemented by ERM EnviroClean in accordance with the VCP Work Plan/HASP. The CAMP was implemented in order to:

- Assess the potential for migration of contaminants off-site during the work; and
- Determine whether work practices and dust suppression techniques were adequate to protect community safety. For the purpose of the project and this Report, the term "community" includes any and all facility workers in spaces adjacent to the excavation areas (e.g., Suddath employees (present company leasing facility) and Schiffenhaus employees (facility directly adjacent to the west)).

The ambient air monitoring program consisted of four perimeter monitoring stations around the excavation areas. The monitoring program collected data from requested locations (See Addendum No 1 to the RAWP dated 29 April 2004) in addition to perimeter locations adjacent to project excavations. Locations of the four air monitoring stations which are either downwind of site activities or in response to ERM's 29 April 2004 addendum letter (at the north end of the fence line) are presented on Figure 3-1 in Appendix A. The referenced action level was never exceeded for a fifteen-minute period during remedial operations at the project site.

Normal operating conditions for fugitive dust control are dictated by ambient air monitoring results. In accordance with the NYSDEC TAGM No. 4031, "Fugitive Dust Suppression and Particulate Monitoring Program at Inactive Hazardous Waste Sites (October 27, 1989), the ambient air monitoring action level for PM-10 is 150 $\mathrm{ug} / \mathrm{m}^{3}$, integrated over a fifteen minute period. If the $150-\mathrm{ug} / \mathrm{m}^{3}$ action level is exceeded at a downwind monitoring location, then a background measurement of upwind levels is taken. If the downwind levels are less than $100 \mathrm{ug} / \mathrm{m}^{3}$ greater than the upwind levels, then no further action is required. However, if the number is
above $100 \mathrm{ug} / \mathrm{m}^{3}$, the dust control measures presented in the RAWP would have been implemented. As stated above, the referenced action level was never exceeded for a fifteen-minute period during remedial operations at the project site. A Summary of the readings obtained on the four dust monitors during this remedial action are presented in Appendix C.

In addition, because fugitive dusts generated at this site have the potential to be impacted by chromium, an additional standard of no visible dust at the property lines was also implemented as part of this project, in accordance with TAGM No. 4031. Visible dust was not at the property lines during this remedial project.

## 3.4 <br> FORMER CHROMIUM ROOM EXCAVATION

### 3.4.1 Excavation Of Former Chromium Room

The BCP Work Plan and Contract Documents anticipated the excavation of the AOC along the north and west wall of the FCR. The extent of the excavation was delineated in the FCR based upon the analytical results of previous investigations. The chromium room excavation area is shown on Figure 3-2, in Appendix A. The soil in the AOC within the FCR was removed to approximately 6 feet below original floor grade. A section grid was established to delineate and divide the AOC within the FCR. The grid was used as a guide to direct the removal of the chromiumimpacted soil and to delineate individual confirmation samplings locations within the FCR.

EWMI utilized a Takeuchi TB-10 mini excavator (Mini) and hand tools to loosen and excavate chromium-impacted soil within the FCR. The chromium-impacted soil was removed from the FCR with a vacuum hose from a National Water Main Cleaning Company (NWMCC) Vacuum Truck. At the end of each workday the NWMCC Vacuum Truck would dump its load onto polyethylene sheeting in a staging area set up adjacent to the transformer on the west side of the building. The staging area was secured at the end of each day, by rolling polyethylene sheeting over the staged pile and adding weight to secure the sheeting from potential wind. The staged soil was loaded into a subcontracted trucking company (Bulk Transport) tri-axle truck and was properly transport and disposal at a waste management facility. Approximately 37.17 tons of chromiumaffected media was removed from the FCR in this manor. A tabular summary of soil removed from the FCR is presented in Appendix D.

Following the completion of the excavation of each section within the FCR, floor and sidewall confirmatory samples were collected. The confirmation samples are used to document the quality of the soil that remained in place, and to establish RAOs for the site were met. Frequency of soil sampling was performed as specified in the RAWP. Soil samples were analyzed for total chromium in accordance with United States Environmental Protection Agency (USEPA) method SW-846. Sample locations are presented in Figure 3-3, in Appendix A.

All floor samples and sidewall samples came back under site-specific clean-up levels with exception of sidewall sample BP-NW-3. ERM discussed the sample results with the NYSDEC and Baker Properties Representative on the approach to meet RAOs for the site without compromising the structural wall. Mr. Bernard Grossfield, P.E., a structural sub-consultant, performed a formal inspection of the footer and subsoil in the northwest corner of the FCR, on 26 July 2004. Based upon Mr. Grossfield's site visit a ten and one-half foot section of the north wall was underpinned as described in section 3.4.3 of this report.

Prior to any underpinning operations and any additional chromium affected soil being removed from beneath the foundation system in the northwest corner of the FCR, ERM utilized a hand auger to collect additional sidewall soil samples from the undisturbed soil beneath the foundation footer. The samples identified as BP-NW-3 B and C, were collected from 2 feet and 3 feet, respectively, horizontally north of BP-NW-3 sample location (which had chromium levels exceeding the site specific clean-up level ( 50 ppm )). The samples were used to ensure that the chromium-affected material would be removed in accordance with the site-specific clean-up levels, from under the buildings footer during the underpinning process. The analytical results from these samples, confirmed the material removed during the underpinning of the north wall met the RAOs for the site.

With the removal of the chromium-affected soil during the underpinning, the project specific RAOs were successfully met in the CR. Analytical data for the CR is summarized in Table 3-1, in Appendix B. Laboratory analytical reports are presented in Appendix E.

### 3.4.3 <br> Structural Underpinning

Mr. Bernard Spirks of Spirks Contracting (Spirks), an underpinning and masonry subcontractor, conducted a formal inspection of the northwest corner of the CR. Mr. Spirks developed the scope of work for the structural underpinning of a ten and one-half foot section of the north
wall of $C R$, following the guidelines established by Mr. Grossfield, P.E. the structural sub-consultant. Mr. Spirks presented the work plan to Mr. Grossfield, P.E. for his review and comment. Baker Properties' Representative Mr. Donald Duthaler, Mr. Grossfield, P.E., and ERM project manager Mr. David W. Myers met on site and discussed the underpinning work plan. The scope of work, which was agreed upon at the meeting, was conducted by Spirks contractors and is described in detail below.

The underpinning of the north wall of the FCR commenced on 6 August 2004. EWMI covered clean quarry process (QP) backfill surrounding the northwest corner with polyethylene sheeting to minimize contact between clean fill and the chromium-affected material, which was to be excavated from beneath the footer. EWMI utilized hand tools to excavate the material from beneath the footer for column 1 . Column 1 was located $30-$ inches east of the western wall of the FCR, the column was 36 -inches in width, extended 54 -inches beneath the base of the footer and two feet horizontally north (the width of the standard industrial footer supporting the north wall). Waste material was loaded into buckets, carried out of the excavation and dumped into wheelbarrows. Full wheelbarrows were dumped in a staging area, which had polyethylene sheeting covering the ground and was covered with sheeting at the end of each workday. The staged material was transported off site and disposed of at a waste management facility during the exterior excavation phase of the BCP.

Spirks personnel drove steel pins under the footer into the undisturbed soil just north of the footer. A wooden crib work was erected on either side of the excavation for column 1 and the pins were wired to the structure to support the footer. A form was built over the opening of the excavation and a concrete chute was used to deliver concrete, which was mixed on site to the Mr. Grossfield's specifications. Concrete was poured to within 1.5 -inch below the footer and allowed to cure for 24 hours. After the elapsed cure time, dry pack, non- shrinking grout was mixed to the project specifications, and packed into the void space above column 1 and the footer of northern wall in the FCR. The dry pack grout was cured for 24 hours as specified by the engineer.

EWMI used hand tools to excavate under the footer for columns 2 and 3 along the north wall of the FCR. Soil was removed and staged as mentioned above. Column 2 spanned the 30 inches width between the west wall and column 1 under the north wall footer. Column 2 was 54inches in height beneath the footer and extended 24 -inches horizontally to the north. Column 3 had the same dimensions and was located adjacently to the east of column 1. Concrete was mixed to the engineer's specifications on site, and poured into the columns to within 1.5 to 2inches below the base of the northern wall's footer. The concrete cured for

24 hours and dry pack non-shrinking grout was packed in the void spaces and allowed to cure, as discussed above.

EWMI excavated column 4 using the same techniques discussed above. Column 4 was located just to the east of column 3 beneath the footer of the northern wall in the FCR. Column 4 extended 30 -inches beneath the footer, was 30 -inches wide and extended 24 -inches horizontally north spanning the width of the footer. Concrete was mixed to the engineer's specifications, poured to within 2-inches of the base of the footer and was given 24 hours to cure. Non-shrinking grout was dry packed into the void over column 4 and cured for 24 hours, before backfilling commenced in this area.

Concrete used in the underpinning was compression tested after a 7 and 14 -day curing period by Geotesting Services, Inc. in Totawa, New Jersey. Peak compression for the 7 -day cure period was 2429 pounds per square inch (psi) and 2657 psi for the 14 -day cure period. Project specifications required the concrete to be $2,500 \mathrm{psi}$.

### 3.4.4 Chromium Room Backfilling Process

Quarry Process (QP) material from Tilcon's processing quarry located in West Nyack, New York was staged adjacent to the transformer along the west side of the facility, starting 20 July 2004. EWMI removed the wood bridge that spanned the excavation along the west wall of the FCR. EWMI tracked the QP from the staging using John Deere 160LC excavator (Excavator) and maneuvering the bucket of the excavator through the doorway, to deliver the QP to a second staging area with in the FCR. The fill was moved within the FCR using the Mini, wheelbarrows, and hand tools. Approximately 6-inch thick, loose lifts of QP were spread along the west wall. Each lift was compacted using a drum vibratory plate compactor. The room was vacated after each lift of backfill was compacted to allow carbon monoxide (CO) levels to drop below the action levels used by EWMI. This process continued as EWMI built a ramp sloping northward away from the FCR doorway.

Backfill process continued throughout the FCR, with exception of the northwest corner, which had chromium levels which exceeded the sitespecific clean-up levels. Backfilling within FCR was ceased on 29 July 2004 to conform to the guidelines set by Mr. Grossfield for the underpinning of the northern wall of the FCR.

The backfill process in the northwestern portion of the FCR resumed on 13 August 2004. EWMI tracked the QP from the staging area using the Excavator and filled wheelbarrows just outside the doorway, which were wheeled into FCR and placed in loose lifts approximately 6 -inches thick.

Each lift is compact as mentioned above and the room is vented. QP was placed in lifts in this manner, to an elevation 12-inches below the intended top of concrete slab elevation. A total of 231.65 tons of QP material was utilized to backfill the FCR, to the elevation required for sub-slab preparation. A letter of certification from Tilcon regarding the fill material is located in Appendix F. Appendix F also presents a tabular summary of deliveries of QP and crushed fines and the shipping ticket for each load.

### 3.5 EXTERIOR EXCAVATION

### 3.5.1 Exterior Preparation

Preparations for the exterior phase of the remedial action started on 6 July 2004. An Air Kool Mechanical Contracting, Inc. field technician removed approximately 15 pounds of refrigerant from the chiller located along the western wall of the facility, just north of the CR door. On the 12 July 2004, the chiller was dismounted and 5 pounds of antifreeze coolant was removed from the chiller. The removed liquids were staged for future disposal according to all applicable local, state and federal guidelines.

EWMI utilized the Excavator to move the chiller to a 30 yard, scrape metal dumpster. The sheet metal shed located along the western wall of the facility was demolished with the Excavator and the scrap metal was placed in the 30 -yard dumpster.

On 13 July the excavator was used to construct a temporary road along the chain link fence running along the western property line. A load of 26.92 tons of 2-4 inch limestone was spread over the temporary road, which was used by tri-axle waste management trucks during "clean loading" procedures. On the 19 July 2004, the Excavator was utilized to break and stage the concrete pads along the western wall of the facility, which housed the chillers and the metal shed mention above. On 26 July 2004, a silt fence was installed just inside the chain link fence along the western property boundary. The geotextile fabric, which was used in the construction of the fence was buried several inches in the subsurface, and was 2 -feet in width. The silt fence was staked every 10 feet along its length.

### 3.5.2 Exterior Excavation

ERM delineated the excavation boundaries anticipated in the BCP Work Plan and Contract Documents, with spray paint on 11 August 2004. This area to be remediated was located on the exterior of the western wall of the facility. The soil in this AOC was removed to approximately 6 feet below original ground surface as stated in the RAWP. The AOC was
divided into three sections, for purposes of scheduling waste removal trucks, delivery of clean QP backfill and to delineate and identify individual confirmation sampling representative areas. The exterior excavation area is shown on Figure 3-2, in Appendix A.

The excavation of the northern section was started on 12 August 2004. EWMI utilized the Excavator to "live load" trucks along the western property line. Polyethylene sheet is spread over the ground and trucks were sprayed down with a hose prior to leaving the site minimize contact between chromium impacted soils and unaffected areas. Monitoring Well MW-4 located within the northern quadrant was secured with ropes during the excavation. EWMI's machine operator used caution when working around the well and hand tools were used to remove soil around the PVC casing of the well, preventing damage to the well. EWMI removed 145.63 tons of soil from the northern quadrant on 12 August 2004. ERM collected three confirmation samples from northern section on 12 August 2004. Frequency of soil sampling was performed as specified in the RAWP.

The central section was excavated on the 18 August 2004. EWMI removed a section of the chain link fence along the western property line, enabling the tri-axle waste transportation trucks to make the turn onto the temporary access road. The certified clean QP used as backfill in the northern section was covered with polyethylene sheeting to prevent contamination of the clean medium during the excavation. Trucks were "live loaded" on the temporary access road, which increased the efficiency of load the waste transport trucks. EWMI excavated, loaded and transported 120.48 tons of chromium-affected soil from the central section on 18 August 2004. ERM collected two confirmation samples from the central section on 12 August 2004.

The Excavator was used to excavate and "live load" soil from the southern section onto waste transport truck parked on the temporary access road, on 19 August 2004. A total of 153.07 tons was load and transported on 19 August 2004. Electrical conduit was removed from the western exterior wall, at the request of Baker's Property Manager. ERM collected three confirmation samples from the southern section on 19 August 2004.

Analytical results indicated chromium levels in soil from the bottom and west wall of the central section and the south sidewall sample from the southern wall of the excavation, were over site clean-up levels. The results were discussed with NYSDEC and Baker's Property Manager. Additional excavations were made as necessary within the southern and central sections. An additional 3 -feet of soil was removed from the southern wall and an additional 3 -feet of soil was removed from the floor of the central section. An additional 5 -feet of the western sidewall was
removed from the central section. An additional 5 -feet of the southern sidewall was removed from the southern section in 3 -feet and 2 -feet increments. Central section soil was staged on polyethylene sheeting in the southern section. Southern section additional soil that was removed was staged on poly within backfilled areas of the central section or was loaded directly into a transport vehicle for disposal. The staged soil was loaded and transported over the time period of 23 to 25 August 2004. An additional 123.89 tons was removed from these areas. Additional floor and sidewall samples were collected from the central section, under the supervision of the NYSDEC. Additional samples were collected from the sidewall of the southern section, on 23 and 24 August 2004. Sample results are discussed in Section 3.5.3. A tabular summary of chromium soil removed from the western section is presented in Appendix D.

### 3.5.3 Exterior Confirmatory Analytical Results

Following the completion of the excavation of each section in the AOC along the western exterior wall of the facility, floor and sidewall confirmatory samples were collected as per the RAWP. The confirmation samples were used to document the quality of the soil that remained in place, and to establish that the RAOs for the site were met. Soil samples were analyzed for total chromium in accordance with USEPA Method SW-846. Sample locations are presented in Figure 3-4, in Appendix A. The laboratory's analytical reports are presented in Appendix E.

Confirmation samples collected in northern section of the exterior of the building met the RAOs set for the site. Backfilling with certified clean QP was started on 17 August 2004. The analytical results from the confirmation samples in the excavation of the exterior remedial action are summarized in Table 3-2, in Appendix B.

The floor and sidewall confirmation samples collected in the central section, identified as BP-EX-F-2 and BP-EX-WW-2, respectfully, had chromium concentrations over the clean-up level set for the site. The analytical results were discussed with Baker's Property Manager and the NYSDEC. The decision was made to expand the excavation beyond the boundaries anticipated in the BCP Work Plan and Contract Documents.

Additional soil was removed from this central section as described in Section 3.5.2 above. Confirmation samples identified as BP-EX-F-2A (floor) and BP-EX-WW-2A (western sidewall) were collected after the additional excavation. These additional samples confirmed that chromium contamination had been removed and the soil in the central section met the RAOs set for the site.

Analytical results indicated chromium concentration in the confirmation sample collect from the southern sidewall of the southern section, identified as BP-EX-SW, exceeded the clean-up level set for the site. The analytical results were discussed with Baker's Property Manager and the NYSDEC. Additional soil was removed from this southern sidewall as described in Section 3.5.2 above. Confirmation sample BP-EX-SW-A was collected and analyzed. BP-EX-SW-A exceeded the clean-up level set for the site. An additional two-feet of soil was removed from the southern wall and sample BP-EX-SW-B was obtained. This analytical result confirmed the southern section met the RAOs set for the site.

### 3.5.4 Exterior Backfilling And Compaction

QP material from Tilcon's processing quarry located in Mt. Hope, New Jersey was used to backfill the exterior excavation. Once the analytical results for the confirmation samples confirmed the RAOs were met within the section, the backfilling process began.

Backfilling began in the northern section starting on 17 August 2004. EWMI utilized the Excavator and a Caterpillar Bobcat Skid Steer (Bobcat) to move the certified clean QP used as backfill from the staging area, adjacent to the transformer on the west side of the facility, to the northern quadrant. The QP was spread in 12 -inch loose lifts and compacted using a vibratory compactor. The backfill in the northern section was covered with polyethylene sheeting to prevent contamination of the clean medium during the excavation of the central section on the 18 August 2004. Monitor well MW-4 located within the northern section was secured with ropes and a 4 by 4 -inch wood post to prevent damage to the well, during the backfill process. The exposed portion of the well was not a screened interval, thus the sand pack was not affected and the wood post was removed during backfill operations.

Confirmation soil samples collected from the central and southern sections collected on $18^{\text {th }}$ and $1^{\text {th }}$ of August 2004, confirmed chromium concentration above the RAOs set for the site. As discussed in section 3.5.3 of this report, additional soil was removed and confirmation sample data document the RAO's for the site were successfully met. The holes left from the electric conduit removed from the west wall of the facility were filled with grout at the request of Baker. Backfilling of the central and southern sections started on 24th August 2004. EWMI utilized the Excavator, Bobcat and hand tools to spread 8 to 12 -inch loose lifts adjacent to the footer and compacted each lift using a vibratory compactor.

A total of 375.85 tons of QP material was required to backfill the exterior excavation, back to the original grade.

Replacement of the floor slab included placement and compaction of 6inches of crushed stone, placement of polyethylene sheeting, and a 6 -inch thick concrete slab.

### 3.6.1 Sub-Slab Preparation

Prior to placement of the concrete floor slab, the sub-grade area was prepared. Sub-slab preparation included the placement of 26.61 tons of washed 0.75 -inch diameter gravel material over the previously placed and compacted QP .

The gravel was placed in a loose lift and compacted by 3 to 5 passes of a vibratory plate compactor, to a compacted thickness of approximately six inches. Polyethylene sheeting ( 6 mil ) was then placed on top of the gravel.

### 3.6.2 Concrete Replacement

Spirks performed the placement of the concrete slab in the FCR. Prior to concrete placement, welded wire mesh was placed. Expansion joint material was not installed against the exterior wall areas of the former chromium room. After the welded wire mesh was properly installed, Spirks personnel began placement of approximately 14.5 cubic yards of concrete supplied by Rockland Concrete. After initial leveling and the proper amount of curing, Spirks saw cut joints in the concrete slab to limit cracking of the floor slab as it cured.

### 3.7 EPOXY PAINTING OF FORMER PLATING ROOM WALL

A portion of the exterior western wall (under the former fan location) wall still contained yellow-green staining. This section of the wall could not feasibly be removed, due to structural constraints. ERM EnviroClean and Baker Properties requested EWMI to sandblast the stained portion of the wall. Sandblasting was followed by an acid wash and then painting with an epoxy to encapsulate the formally stained exterior wall area.

On 6 August 2004, EWMI sandblasted the affected area. All sandblast material was collected and mixed with the exterior soil to be transported off -site for disposal. On 31 August 2004, EWMI constructed a poly catch basin to capture the muratic acid used as a follow up to the sandblasting associated with the removal of stained material from the masonry block on the exterior western wall. Two washes were performed and all wash liquids were captured in a five-gallon plastic container. The wash liquids
were then neutralized with baking soda until a pH of approximately 7.0 was obtained.

On September 1 and 2, 2004, EWMI applied an epoxy coating to the previously sandblasted and acid washed area of the exterior chromium room wall to achieve an encapsulation of any chromium potentially present in the wall material. Baker completed the appropriate painting for building color coordination in the fall of 2004.

### 3.8 RESTORATION AND DEMOBILIZATION

Site restoration on the western exterior area of the Site was initiated on 31 August 2004. Topsoil was placed in all exterior work areas that were disturbed during construction. This included the areas affected on the neighboring property (Schiffenhaus) and the temporary access roads constructed at the site.

Upon placement of topsoil, EWMI placed seed with a mechanical spreader and then covered the seed with hay. Debris and project dumpsters were removed from the site on 1 and 2 September 2004. The EWMI construction trailer was demobilized from the site on 2 September 2004.

## 3.9 <br> TRANSPORTATION AND DISPOSAL OF WASTE MATERIAL

### 3.9.1 Drum Removal, Transportation And Disposal

On 13 July 2004, twenty-four drums were removed from storage in the basement of facility. Three of the drums were empty and moved into the FCR. An EWMI tractor-trailer arrived on site to transport the drums to Michigan Disposal Waste Treatment Plant (EPA ID. No. MID000724831), located in Belleville, Michigan for disposal as a non-regulated waste. Ten of the steel 55-gallon drums, which were not in a shippable condition, were over-packed prior to transportation off-site. A total of 21 drums with drill cuttings, purge water, disposable PPE and miscellaneous project waste/debris from previous site investigations were transported off-site according to local, state and federal regulations. Twenty of the drums were 55 -gallon steel drums and one drum was a polyethylene 30 -gallon drum. Manifest documentation is presented in Appendix G.

On 21 September 2004, EWMI remobilized to the site to remove two empty Freon cylinders and one 20 -gallon plastic drum that contained the coolant from the chiller. These materials were transported under manifest documentation for disposal at Cycle Chem, Inc. (EPA ID. No. PAD067098822) of Lewisberry, PA on 21 September 2004. Manifest documentation is presented in Appendix G.

All soil materials were sampled and analyzed in accordance with the requirements of the disposal facility. Based on the characterization sampling, all waste materials were classified for disposal at an appropriately permitted non-hazardous waste disposal facility. Waste materials from the FCR and on the exterior of the building just west of the FCR, were disposed at Soil Safe, Inc.'s Logan, NJ Facility.

The waste hauler utilized tri-axle dump trucks to transport a total of 20 loads of the waste material to the landfill. A non-hazardous waste bill of lading was prepared by EWMI for each transported load of material, as appropriate. A Waste Disposal Summary is presented and copies of bills of lading and waste manifest forms for all waste shipments are included as Appendix H. A total of 580.24 tons of soil and construction debris were shipped to Soil Safe, Inc.'s Logan Landfill for disposal.

### 3.10 <br> SUMMARY OF WORK PERFORMED

ERM EnviroClean performed construction management for the removal and disposal at an off-site permitted disposal facility of 580.24 tons (approximately 400.16 cubic yards) of soil, concrete and debris from the former Banknote Facility. Confirmation samples collected within the excavations documented the chromium concentrations are below RAOs for the site. In addition, 21 drums containing drill cutting and purge water from a previous investigations, which had been stored in the basement of the facility were removed, transported and disposed of at offsite permitted disposal facility.

Approximately 37.17 -tons of chromium-affected soil was removed from the FCR. Up to 10.5 -feet of the north wall of the FCR was structurally underpinned to access chromium-affected soil from beneath the footer. A total of 231.65 tons of QP and 26.61 tons of 0.75 -inch gravel was used to restore the FCR to grade.

A chiller, sheet metal shed, concrete pads, and 543.07 tons of chromium impacted material was removed from the west side of the facility. Approximately 375.85 tons of QP was used to backfill this area.

Photographic documentation of selected portions of the remedial operations is presented in Appendix I.

As described in the RAWP, five quarterly ground water monitoring events are required for the first 15 months with the initial or baseline event being performed in December of 2004. Thereafter, every fifth quarter for five years, ground water monitoring will be performed. Ground water will be monitored for chromium in the ten wells located along the west end of the building. The ten monitoring wells are: MW-1, MW-2, MW-3 MW-4, DW-1, MW-5 MW-6, MW-7, MW-8 and MW-10) At the beginning of the fifth year the ground water program will be reevaluated to determine the most appropriate sample interval.

Results of the quarterly ground water monitoring will be reported to NYSDEC in a separate summary report. The summary report will be prepared once the data from the final monitoring event has been obtained and validated.

### 3.12

DEED RESTRICTION
Upon acceptance of this document by the NYSDEC, Baker will place a use limitation on site ground water with the property deed prohibiting use and contact with site ground water. The NYSDEC has provided ERM the appropriate paperwork to complete this task and ERM has provided this material to Baker's attorneys for completion and filing as appropriate.

This Report documents the implementation of the remedial activities conducted at the Former Banknote Facility. The Former Banknote Facility is a 10 -acre parcel and structure located at 10 Dunnigan Drive, Town of Ramapo, Rockland County, New York (the "Site"). The remedial action was conducted in accordance with a Brownsfield Cleanup Agreement (BCA) with an effective date of 24 June 2004, between Baker and the New York State Department of Environmental Conservation (NYSDEC), BCA Index No. A3-0424-0007; Site No. C00359-3. The remedial work was performed according to the NYSDEC-approved VCP Work Plan and associated addenda to the Work Plan. Any variations to the Work Plan, and the accompanying rationale, are also described in this Report.

The remedial work was implemented, overseen and inspected by ERM EnviroClean, under the direct supervision of the Professional Engineer identified below, who is licensed and registered in the State of New York. This same Professional Engineer oversaw the preparation this Report.

The implementation of the BCP Work Plan and associated remedial activities allows for the "Contemplated Use" of the Site as defined in the Brownfield Cleanup Agreement.

Signature: (a rid de. Myers
David W. Myers, C.G.
ERM Senior Project Manager

Date: $\qquad$

Signature:


James M. Venter, PE.
Engineer of Record
License No. 080275-1

Date:
$317 / 05$

This Report documents the implementation of the remedial activities conducted at the Former Banknote Facility. The Former Banknote Facility is a 10 -acre parcel and structure located at 10 Dunnigan Drive, Town of Ramapo, Rockland County, New York (the "Site"). The remedial action was conducted in accordance with a Brownfield Cleanup Agreement (BCA) with an effective date of 24 June 2004, between Baker and the New York State Department of Environmental Conservation (NYSDEC), BCA Index No. A3-0424-0007; Site No. C00359-3. The remedial work was performed according to the NYSDEC-approved VCP Work Plan and associated addenda to the Work Plan. Any variations to the Work Plan, and the accompanying rationale, are also described in this Report.

The remedial work was implemented, overseen and inspected by ERM EnviroClean, under the direct supervision of the Professional Engineer identified below, who is licensed and registered in the State of New York. This same Professional Engineer oversaw the preparation this Report.

The implementation of the BCP Work Plan and associated remedial activities allows for the "Contemplated Use" of the Site as defined in the Brownfield Cleanup Agreement.
signature: Gand W. Myers
David W. Myers, C.G.
ERM Senior Project Manager
Date: $\qquad$ $3 / 7 / 05$

Signature:


M Vine
James M. Venter, P.E.
Engineer of Record
License No. 080275-1
Date:
$3 / 7105$

## ATTACHMENT A FIGURES






$\qquad$ $-\times$ $\qquad$ $\times$


FORMER BANKNOTE FACILITY









## APPENDIX B

TABLES

TABLE 3-1
〕UMMARY OF CONFIRMATION SAMPLING ANALYTICAL DATA - CHROMIUM ROOM FORMER BANKNOTE OF AMERICA FACILITY

## SUFFERN, ROCKLAND COUNTY, NEW YORK

| Sample Identification | Matrix | Depth Below Grade (ft) | Sample Date | Total Chromium ( $\mathrm{mg} / \mathrm{kg}$ ) |
| :---: | :---: | :---: | :---: | :---: |
| BP-F-1 | Soil | 8.0 | 14-Jul-2004 | 36.9 |
| BP-SW-1 | Soil | 6.0 | 14-Jul-2004 | 48.3 |
| BP-EW-2 | Soil | 6.0 | 14-Jul-2004 | 9.64 |
| BP-F-2 | Soil | 8.0 | 15-Jul-2004 | 31.5 |
| BP-F-3 | Soil | 8.0 | 15-Jul-2004 | 26.2 |
| BP-NW-3 | Soil | 6.0 | 15-Jul-2004 | 663 |
| BP-NW-4 | Soil | 6.0 | 15-Jul-2004 | 17.1 |
| BP-NW-5 | Soil | 6.0 | 15-Jul-2004 | 17.9 |
| BP- F-4 | Soil | 8.0 | 16-Jul-2004 | 18.3 |
| BP-EW-6 | Soil | 6.0 | 16-Jul-2004 | 11.1 |
| BP-SW-7 | Soil | 6.0 | 16-Jul-2004 | 12.3 |
| BP-NW-3A | Soil | 8.0 | 20-Jul-2004 | 75.6 |
| BP-NW-3B | Soil | 5.0 | 3-Aug-2004 | 7.46* |
| BP-NW-3C | Soil | 5.0 | 3-Aug-2004 | 9.42* |
| BP-F@4.5' | Soil | 6.5 | 3-Aug-2004 | 19.4* |

note:
The samples were analyzed by Total Metal EPA 6000/7000 series method for chromium,
prepared by SW846 3050B unless other wise noted.
*- Samples analyzed by ICP Metals for Chromium.
Total chronium concentration with black background and bold white numbers exceeded the site-specific clean-up levels set for the site; as a result additional soil was removed and additional samples were collected to ensure chromium affected soil was removed in ccordance with the site-specific clean-up levels set for the site. The samples identified BP-NW-3A BP-NW-3B, BP-NW-3C and BP-F@4.5' were used to identify the additonal confirmation samples.

## \section*{T^RLE 3-2} <br> S. .IMARY OF CONFIRMATION SAMPLING ANALYTICAL DATA - WESTERN EXTERIOR FORMER BANKNOTE OF AMERICA FACILITY SUFFERN, ROCKLAND COUNTY, NEW YORK

| Sample Identification | Matrix | Depth Below Grade (ft) | Sample Date | Total Chromium (mg/kg) |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| BP-EX-F-1 | Soil | 5.00 | $12-A u g-2004$ | 2.19 |
| BP-EX-NW | Soil | 3.00 | $13-A u g-2004$ | $<0.25$ |
| BP-EX-WW-1 | Soil | 3.00 | $13-A u g-2004$ | $<0.25$ |
| BP-EX-F-2 | Soil | 5.00 | $18-A u g-2004$ | $\mathbf{9 7 1 . 0 0}$ |
| BP-EX-WW-2 | Soil | 3.00 | $18-A u g-2004$ | 122.00 |
| BP-EX-SW | Soil | 3.00 | $19-A u g-2004$ | 81.10 |
| BP-EX-F-3 | Soil | 5.00 | $19-A u g-2004$ | 26.10 |
| BP-EX-WW-3 | Soil | 2.00 | $19-A u g-2004$ | 7.96 |
| BP-EX-WW-2A | Soil | 5.00 | $20-A u g-2004$ | 12.20 |
| BP-EX-F-2A | Soil | 6.00 | $23-A u g-2004$ | 23.70 |
| BP-EX-SW-A | Soil | 3.00 | $23-A u g-2004$ | $\mathbf{7 3 . 9 0}$ |
| BP-EX-SW-B | Soil | 3.00 | $24-A u g-2004$ | 8.16 |

note:
The samples were analyzed by Total Metal EPA 6000/7000 series method for chronium, prepared by SW846 3050B unless other wise noted.
*- Samples analyzed by ICP Metals for Chromium.
Total chromium concentration with black background and bold white numbers exceeded the site-specific clean-up levels set for the site; as a result additional soil was removed and additional samples were collected to ensure chromium affected soil was removed in acrordance with the site-specific clean-up levels set for the site. The samples identities ending in letters, alphabetically follow the sequence c matory samples collected.

## APPENDIX C

## DUST MONITOR READINGS

PDR 5349
Time at maximum: 10:43:17 Aug 03
Max STEL Concentration: $0.068 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 10:51:43 Aug 03
Overall Avg Conc: $0.047 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:

Point, Date
1, 03 Aug, $10: 37: 43,10.074$
2, 03 Aug, 10:38:43, 0.071

| 3,03 Aug, $10: 39: 43$, | 0.071 |
| :--- | :--- | :--- |
| 4,03 Aug, $10: 40: 43$, | 0.065 |

4, 03 Aug, $10: 40: 43,0.065$
5, 03 Aug, $10: 41: 43,0.065$

| 6,03 Aug, $10: 42: 43$, | 0.071 |
| :--- | :--- | :--- |
| 7,03 Aug, 10:43:43, | 0.106 |

8, 03 Aug, 10:44:43, 0.071
9, 03 Aug, 10:45:43, 0.061
10, 03 Aug, 10:46:43, 0.062
11, 03 Aug, $10: 47: 43, \quad 0.060$

| 12,03 Aug, $10: 48: 43$, | 0.059 |
| :--- | :--- | :--- |
| 13,03 Aug, $10: 49: 43$, | 0.057 |

14, 03 Aug, 10:50:43, 0.058

15, 03 Aug, 10:51:43, 0.065
16, 03 Aug, $10: 52: 43,0.062$
17, 03 Aug, $10: 53: 43, \quad 0.064$
19, 03 Aug, 10:55:43, 0.053
20, 03 Aug, $10: 56: 43, \quad 0.052$
21,03 Aug, 10:57:43, 0.051
22,03 Aug, 10:58:43, 0.053
23, 03 Aug, 10:59:43, 0.051
24, 03 Aug, 11:00:43, 0.052
25, 03 Aug, 11:01:43, 0.053
26, 03 Aug, $11: 02: 43, \quad 0.050$
$\begin{array}{lll}27,03 \text { Aug, 11:03:43, } & 0.051 \\ 28,03 \text { Aug, 11:04:43, } & 0.052\end{array}$
29, 03 Aug, 11:05:43, 0.050
30, 03 Aug, 11:06:43, 0.051
31, 03 Aug, 11:07:43, 0.052
32, 03 Aug, 11:08:43, 0.053
33, 03 Aug, 11:09:43, 0.053
34, 03 Aug, 11:10:43, 0.057
$\begin{array}{lll}35,03 \text { Aug, } 11: 11: 43, & 0.051 \\ 36,03 \text { Aug, } 11: 12: 43, & 0.052\end{array}$
37, 03 Aug, $11: 13: 43,0.051$
$\begin{array}{lll}38,03 \text { Aug, } 11: 14: 43, & 0.050 \\ 39,03 \text { Aug, 11:15:43, } & 0.050\end{array}$
40,03 Aug, $11: 16: 43,0.055$
$\begin{array}{lll}41,03 \text { Aug, } 11: 17: 43, & 0.051 \\ 42,03 \text { Aug, 11:18:43, } & 0.051\end{array}$
43, 03 Aug, 11:19:43, 0.049
$\begin{array}{lll}44, & 03 \text { Aug, } 11: 20: 43, & 0.047 \\ 45,03 \text { Aug, } 11: 21: 43, & 0.046\end{array}$
46, 03 Aug, 11:22:43, 0.048
47, 03 Aug, 11:23:43, 0.046
48,03 Aug, 11:24:43, 0.047
49, 03 Aug, 11:25:43, 0.047
50, 03 Aug, 11:26:43, 0.043
51, 03 Aug, 11:27:43, 0.044
52, 03 Aug, 11:28:43, 0.045
53, 03 Aug, 11:29:43, 0.044
54, 03 Aug, 11:30:43, 0.048
55, 03 Aug, 11:31:43, 0.052
56, 03 Aug, 11:32:43, 0.051
57, 03 Aug, 11:33:43, 0.049

|  | us Aug, | , | u |
| :---: | :---: | :---: | :---: |
| 59, | 03 Aug, | 11:35:43, | 0.051 |
| 60, | 03 Aug , | 11:36:43, | 0.048 |
| 61 , | 03 Aug, | 11:37:43, | 0.049 |
| 62. | 03 Aug, | 11:38:43, | 0.049 |
| 63. | 03 Aug, | 11:39:43, | 0.047 |
| 64, | 03 Aug, | 11:40:43, | 0.045 |
| 65, | 03 Aug, | 11:41:43, | 0.048 |
| 66, | 03 Aug, | 11:42:43, | 0.048 |
| 67. | 03 Aug, | 11:43:43, | 0.048 |
| 68, | 03 Aug, | 11:44:43, | 0.048 |
| 69. | 03 Aug, | 11:45:43, | 0.047 |
| 70, | 03 Aug, | 11:46:43, | 0.047 |
| 71. | 03 Aug, | 11:47:43, | 0.048 |
| 72, | 03 Aug, | 11:48:43, | 0.048 |
| 73. | 03 Aug, | 11:49:43, | 0.048 |
| 74, | 03 Aug, | 11:50:43, | 0.046 |
| 75. | 03 Aug, | 11:51:43, | 0.050 |
| 76, | 03 Aug, | 11:52:43, | 0.048 |
| 77. | 03 Aug, | 11:53:43, | 0.048 |
| 78 | 03 Aug, | 11:54:43, | 0.046 |
| 79, | 03 Aug, | 11:55:43, | 0.046 |
| 80, | 03 Aug, | 11:56:43, | 0.050 |
| 81, | 03 Aug, | 11:57:43, | 0.047 |
| 82, | 03 Aug, | 11:58:43, | 0.047 |
| 83, | 03 Aug, | 11:59:43, | 0.044 |
| 84, | 03 Aug, | 12:00:43, | 0.045 |
| 85. | 03 Aug, | 12:01:43, | 0.044 |
| 86, | 03 Aug, | 12:02:43, | 0.045 |
| 87, | 03 Aug, | 12:03:43, | 0.047 |
| 88, | 03 Aug, | 12:04:43, | 0.046 |
| 89, | 03 Aug, | 12:05:43, | 0.050 |
| 90, | 03 Aug, | 12:06:43, | 0.046 |
| 91, | 03 Aug, | 12:07:43, | 0.049 |
| 92, | 03 Aug, | 12:08:43, | 0.050 |
| 93, | 03 Aug, | 12:09:43, | 0.050 |
| 94, | 03 Aug, | 12:10:43, | 0.047 |
| 95, | 03 Aug, | 12:11:43, | 0.051 |
| 96, | 03 Aug, | 12:12:43, | 0.052 |
| 97, | 03 Aug, | 12:13:43, | 0.054 |
| 98 | 03 Aug, | 12:14:43, | 0.058 |
| 99, | 03 Aug, | 12:15:43, | 0.059 |
| 100, | 03 Aug, | 12:16:43, | 0.056 |
| 101, | 03 Aug, | 12:17:43, | 0.051 |
| 102, | 03 Aug, | 12:18:43, | 0.053 |
| 103, | 03 Aug, | 12:19:43, | 0.052 |
| 104, | 03 Aug, | 12:20:43, | 0.051 |
| 105, | 03 Aug, | 12:21:43, | 0.051 |
| 106, | 03 Aug, | 12:22:43, | 0.052 |
| 107, | 03 Aug, | 12:23:43, | 0.053 |
| 108, | 03 Aug, | 12:24:43, | 0.054 |
| 109, | 03 Aug, | 12:25:43, | 0.050 |
| 110, | 03 Aug, | 12:26:43, | 0.052 |
| 111, | 03 Aug, | 12:27:43, | 0.051 |
| 112, | 03 Aug, | 12:28:43, | 0.051 |
| 113, | 03 Aug, | 12:29:43, | 0.051 |
| 114, | 03 Aug, | 12:30:43, | 0.050 |
| 115, | 03 Aug, | 12:31:43, | 0.053 |
| 116, | 03 Aug, | 12:32:43, | 0.052 |
| 117, | 03 Aug, | 12:33:43, | 0.050 |
| 118, | 03 Aug, | 12:34:43, | 0.049 |
| 119, | 03 Aug, | 12:35:43, | 0.050 |
| 120, | 03 Aug, | 12:36:43, | 0.049 |
| 121, | 03 Aug, | 12:37:43, | 0.050 |
| 122, | 03 Aug, | 12:38:43, | 0.052 |
| 123, | 03 Aug, | 12:39:43, | 0.048 |
| 124, | 03 Aug, | 12:40:43, | 0.051 |
| 125, | 03 Aug, | 12:41:43, | 0.049 |
| 126, | 03 Aug, | 12:42:43, | 0.051 |
| 127, | 03 Aug, | , 12:43:43, | 0.049 |
| 128, | 03 Aug, | , 12:44:43, | 0.050 |


| 1<y, | \% Aug, | 16:43:43, |  |
| :---: | :---: | :---: | :---: |
| 130, | 03 Aug, | 12:46:43, | 0.051 |
| 131 | 03 Aug, | 12:47:43, | 0.054 |
| 132, | 03 Aug, | 12:48:43, | 0.054 |
| 133 | 03 Aug, | 12:49:43, | 0.052 |
| 134 | 03 Aug, | 12:50:43, | 0.053 |
| 135 | 03 Aug, | 12:51:43, | 0.052 |
| 136, | 03 Aug, | 12:52:43, | 0.052 |
| 137 | 03 Aug, | 12:53:43, | 0.052 |
| 138 | 03 Aug, | 12:54:43, | 0.053 |
| 139, | 03 Aug, | 12:55:43, | 0.056 |
| 140, | 03 Aug, | 12:56:43, | 0.051 |
| 141 | 03 Aug, | 12:57:43, | 0.049 |
| 142 | 03 Aug, | 12:58:43, | 0.048 |
| 143 | 03 Aug, | 12:59:43, | 0.048 |
| 144 | 03 Aug, | 13:00:43, | 0.047 |
| 145 | 03 Aug, | 13:01:43, | 0.049 |
| 146, | 03 Aug, | 13:02:43, | 0.049 |
| 147, | 03 Aug, | 13:03:43, | 0.047 |
| 148, | 03 Aug, | 13:04:43, | 0.049 |
| 149 | 03 Aug, | 13:05:43, | 0.048 |
| 150, | 03 Aug, | 13:06:43, | 0.045 |
| 151, | 03 Aug, | 13:07:43, | 0.045 |
| 152, | 03 Aug, | 13:08:43, | 0.048 |
| 153, | 03 Aug, | 13:09:43, | 0.051 |
| 154 | 03 Aug, | 13:10:43, | 0.058 |
| 155 | 03 Aug, | 13:11:43, | 0.055 |
| 156, | 03 Aug, | 13:12:43, | 0.063 |
| 157, | 03 Aug, | 13:13:43, | 0.056 |
| 58 | 03 Aug, | 13:14:43, | 0.061 |
| 159, | 03 Aug, | 13:15:43, | 0.060 |
| 160, | 03 Aug, | 13:16:43, | 0.054 |
| 161 , | 03 Aug, | 13:17:43, | 0.055 |
| 162, | 03 Aug, | 13:18:43, | 0.056 |
| 163, | 03 Aug, | 13:19:43, | 0.056 |
| 164, | 03 Aug, | 13:20:43, | 0.054 |
| 165, | 03 Aug, | 13:21:43, | 0.078 |
| 166, | 03 Aug, | 13:22:43, | 0.070 |
| 167. | 03 Aug, | 13:23:43, | 0.067 |
| 168, | 03 Aug, | 13:24:43, | 0.054 |
| 169, | 03 Aug, | 13:25:43, | 0.086 |
| 170, | 03 Aug, | 13:26:43, | 0.051 |
| 171, | 03 Aug, | 13:27:43, | 0.055 |
| 172, | 03 Aug, | 13:28:43, | 0.053 |
| 173, | 03 Aug, | 13:29:43, | 0.052 |
| 174, | 03 Aug, | 13:30:43, | 0.051 |
| 175, | 03 Aug, | 13:31:43, | 0.052 |
| 176, | 03 Aug, | 13:32:43, | 0.050 |
| 177, | 03 Aug, | 13:33:43, | 0.047 |
| 178, | 03 Aug, | 13:34:43, | 0.055 |
| 179, | 03 Aug, | 13: $35: 43$, | 0.051 |
| 180, | 03 Aug, | 13:36:43, | 0.050 |
| 181, | 03 Aug, | 13:37:43, | 0.045 |
| 182, | 03 Aug, | 13:38:43, | 0.046 |
| 183, | 03 Aug, | 13:39:43, | 0.045 |
| 184, | 03 Aug, | 13:40:43, | 0.044 |
| 185, | 03 Aug, | 13:41:43, | 0.046 |
| 186, | 03 Aug, | 13:42:43, | 0.047 |
| 187, | 03 Aug, | 13:43:43, | 0.047 |
| 188, | 03 Aug, | 13:44:43, | 0.049 |
| 189, | 03 Aug, | 13:45:43, | 0.053 |
| 190, | 03 Aug, | 13:46:43, | 0.049 |
| 191, | 03 Aug, | 13:47:43, | 0.086 |
| 192, | 03 Aug, | 13:48:43, | 0.087 |
| 193, | 03 Aug, | 13:49:43, | 0.046 |
| 94, | 03 Aug, | 13:50:43, | 0.048 |
| 195, | 03 Aug, | 13:51:43, | 0.049 |
| 196, | 03 Aug, | 13:52:43, | 0.048 |
| 197. | 03 Aug, | 13:53:43, | 0.047 |
|  | 03 Aug, | 13:54:43, | 0.048 |
| 199, | 03 Aug, | 13:55:43, | 0.049 |


|  | A |  |  |
| :---: | :---: | :---: | :---: |
| 201 | 03 Aug, | 13:57:43, | 0.040 |
| 202, | 03 Aug, |  | 0.042 |
| 203 | 03 Aug, | 13:59:43, | 0.040 |
| 4 | 03 Aug, | 14:00:43, | 0.040 |
| 205, | 03 Aug, | 14:01:43, | 0.040 |
| 6, | 03 Aug, | 14:02:43, | 0.037 |
| 07. | 03 Aug, | 14:03:43 | 0.037 |
| 208, | 03 Aug, | 14:04:43, | 0.038 |
| 09 | 03 Aug, | 14:05:43, | 0.037 |
| 210, | 03 Aug, | 14:06:43, | 0.040 |
| 11 | 03 Aug, | 14:07:43, | 0.041 |
| 212 | 03 Aug, | 14:08:43, | 0.044 |
|  | 03 Aug, | 14:09:43, | 0.042 |
| 14 | 03 Aug, | 14:10:43, | 0.041 |
| 215, | 03 Aug, | 14:11:43, | 0.040 |
| 216, | 03 Aug, | 14:12:43, | 0.043 |
| 217, | 03 Aug, | 14:13:43, | 0.041 |
| 218, | 03 Aug, | 14:14:43, | 0.043 |
| 219, | 03 Aug, | 14:15:43, | 0.040 |
| 220, | 03 Aug, | 14:16:43, | 0.041 |
| 221, | 03 Aug, | 14:17:43, | 0.039 |
| 22, | 03 Aug, | 14:18:43, | 0.037 |
| 223, | 03 Aug, | 14:19:43, | 0.041 |
| 224, | 03 Aug, | 14:20:43, | 0.040 |
| 225, | 03 Aug, | 14:21:43, | . 55 |
| 226, | 03 Aug, | 14:22:43, | 0.048 |
| 227, | 03 Aug, | 14:23:43, | 0.051 |
| 228, | 03 Aug, | $14: 24: 43$, | 0.050 |
| 229, | 03 Aug, | 14:25:43, | 0.051 |
| 230, | 03 Aug, | 14:26:43, | 0.048 |
| 31. | 03 Aug, | 14:27:43, | 0.046 |
| 232, | 03 Aug, | 14:28:43, | 0.044 |
| 233, | 03 Aug, | 14:29:43, | 0.045 |
| 234, | 03 Aug, | 14:30:43, | 43 |
| 235, | 03 Aug, | 14:31:43, | 0.047 |
| 236, | 03 Aug, | 14:32:43, | O47 |
| 237, | 03 Aug, | 14:33:43, | 0.048 |
| , | 03 Aug, | 14:34:43, | 50 |
| 239, | 03 Aug, | 14:35:43, | 0.054 |
| 240, | 03 Aug, | 14:36:43, | 0.051 |
| 241, | 03 Aug, | 14:37:43, | 0.052 |
| 242, | 03 Aug, | 14:38:43, | 0.053 |
| 243, | 03 Aug, | 14:39:43, | 0.055 |
| 244, | 03 Aug, | 14:40:43, | 0.053 |
| 5. | 03 Aug, | 14:41:43, | 51 |
| 246, | 03 Aug, | 14:42:43, | 0.050 |
| 247, | 03 Aug, | 14:43:43, | 0.051 |
| 248, | 03 Aug, | 14:44:43, | 051 |
| 249, | 03 Aug, | 14:45:43, | 0.051 |
| 250, | 03 Aug, | 14:46:43, | 0.050 |
| 251, | 03 Aug, | 14:47:43, | 0.052 |
| 252, | 03 Aug, | 14:48:43 | 0.050 |
| 253, | 03 Aug, | 14:49:43, | 0.052 |
| 254, | 03 Aug, | 14:50:43 | 0.052 |
| 255, | 03 Aug, | 14:51:43, | 0.053 |
| 256, | 03 Aug, | 14:52:43, | 0.054 |
| 257, | 03 Aug, | 14:53:43, | 0.056 |
| 258, | 03 Aug, | 14:54:43, | 0.055 |
| 259, | 03 Aug, | 14:55:43, | 0.057 |
| 260, | 03 Aug, | 14:56:43, | 0.057 |
| 61, | 03 Aug, | 14:57:43, | 0.054 |
| 62, | 03 Aug, | 14:58:43, | 0.057 |
| 263, | 03 Aug, | 14:59:43, | 0.057 |
| 64, | 03 Aug, | 15:00:43, | 0.056 |
| 265, | 03 Aug, | 15:01:43, | 0.058 |
| 266, | 03 Aug, | 15:02:43, | 0.059 |
| 267, | 03 Aug, | 15:03:43, | 0.062 |
| 268, | 03 Aug, | 15:04:43, | 0.059 |
| 269, | 03 Aug, | 15:05:43, | 0.058 |
| 270, | 03 Aug, | 15:06:43, | 0.058 |


| 1, | טכ muy, |  | U. 0 |
| :---: | :---: | :---: | :---: |
| 272, | 03 Aug, | 15:08:43, | 0.059 |
| 273, | 03 Aug, | 15:09:43, | 0.058 |
| 274, | 03 Aug, | 15:10:43, | 0.057 |
| 275, | 03 Aug, | 15:11:43, | 0.055 |
| 276, | 03 Aug, | 15:12:43, | 0.057 |
| 277, | 03 Aug, | 15:13:43, | 0.057 |
| 278, | 03 Aug, | 15:14:43, | 0.058 |
| 279, | 03 Aug, | 15:15:43, | 0.058 |
| 280, | 03 Aug, | 15:16:43, | 0.062 |
| 281, | 03 Aug, | 15:17:43, | 0.060 |
| 282, | 03 Aug, | 15:18:43, | 0.060 |
| 283, | 03 Aug, | 15:19:43, | 0.060 |
| 284, | 03 Aug, | 15:20:43, | 0.061 |
| 285, | 03 Aug, | 15:21:43, | 0.061 |
| 286, | 03 Aug, | 15:22:43, | 0.059 |
| 287, | 03 Aug, | 15:23:43, | 0.066 |
| 288, | 03 Aug, | 15:24:43, | 0.061 |
| 289, | 03 Aug, | 15:25:43, | 0.057 |
| 290, | 03 Aug, | 15:26:43, | 0.061 |
| 291, | 03 Aug, | 15:27:43, | 0.059 |
| 292, | 03 Aug, | 15:28:43, | 0.057 |
| 293, | 03 Aug, | 15:29:43, | 0.058 |
| 294, | 03 Aug, | 15:30:43, | 0.057 |
| 295, | 03 Aug, | 15:31:43, | 0.057 |
| 296, | 03 Aug, | 15:32:43, | 0.056 |
| 297, | 03 Aug, | 15:33:43, | 0.058 |
| 298, | 03 Aug, | 15:34:43, | 0.055 |
| 299, | 03 Aug, | 15:35:43, | 0.053 |
| 300, | 03 Aug, | 15:36:43, | 0.057 |
| 301, | 03 Aug, | 15:37:43, | 0.058 |
| 302, | 03 Aug, | 15:38:43, | 0.056 |
| 303, | 03 Aug, | 15:39:43, | 0.055 |
| 304, | 03 Aug, | 15:40:43, | 0.058 |
| 305, | 03 Aug, | 15:41:43, | 0.059 |
| 306, | 03 Aug, | 15:42:43, | 0.063 |
| 307, | 03 Aug, | 15:43:43, | 0.058 |
| 308, | 03 Aug, | 15:44:43, | 0.058 |
| 309, | 03 Aug, | 15:45:43, | 0.057 |
| 310, | 03 Aug, | 15:46:43, | 0.058 |
| 311, | 03 Aug, | 15:47:43, | 0.056 |
| 312, | 03 Aug, | 15:48:43, | 0.059 |
| 313, | 03 Aug, | 15:49:43, | 0.058 |
| 314, | 03 Aug, | 15:50:43, | 0.058 |
| 315, | 03 Aug, | 15:51:43, | 0.061 |
| 316, | 03 Aug, | 15:52:43, | 0.057 |
| 317, | 03 Aug, | 15:53:43, | 0.061 |
| 318, | 03 Aug, | 15:54:43, | 0.059 |
| 319, | 03 Aug, | 15:55:43, | 0.060 |
| 320, | 03 Aug, | 15:56:43, | 0.058 |
| 321, | 03 Aug, | 15:57:43, | 0.058 |
| 322, | 03 Aug, | 15:58:43, | 0.059 |
| 323, | 03 Aug, | 15:59:43, | 0.060 |
| 324, | 03 Aug, | 16:00:43, | 0.060 |
| 325, | 03 Aug, | 16:01:43, | 0.060 |
| 326, | 03 Aug, | 16:02:43, | 0.060 |
| 327, | 03 Aug, | 16:03:43, | 0.053 |
| 328, | 03 Aug, | 16:04:43, | 0.056 |
| 329, | , 03 Aug, | 16:05:43, | 0.053 |
| 330, | 03 Aug, | 16:06:43, | 0.053 |
| 331, | 03 Aug, | 16:07:43, | 0.051 |
| 332, | 03 Aug, | 16:08:43, | 0.050 |
| 333, | 03 Aug, | 16:09:43, | 0.052 |
| 334 , | 03 Aug, | 16:10:43, | 0.051 |
| 335, | 03 Aug, | 16:11:43, | 0.049 |
| 336, | , 03 Aug, | 16:12:43, | 0.045 |
| 337, | 03 Aug, | 16:13:43, | 0.046 |
| 338, | , 03 Aug, | 16:14:43, | 0.044 |
| 339, | , 03 Aug, | 16:15:43, | 0.046 |
| 340, | , 03 Aug, | 16:16:43, | 0.047 |
| 341, | , 03 Aug, | 16:17:43, | 0.046 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Au |  | 0.047 |
| 344, | 03 Au | 16:20:43 | 4 |
| 45 | 03 Aug | 16:21:43, | 0. |
| 6, | 03 Aug, | 16:22:43 | 5 |
| 47, | 03 Aug, | 16:23:43, | 0.043 |
| 48, | 03 Au | 16:24:43 | 9 |
| 49, | 03 Aug, | 16:25:43, | 45 |
| 0 | 03 Aug, | 16:26:43, | 5 |
| 51 | 03 Aug, | 16:27:43, | 1 |
| 352, | 03 Aug | 16:28:43, | 45 |
| 353, | 03 Aug, | 16:29:43, | 3 |
| 4 | 03 Aug, | 16:30:43, | 0.040 |
| , | 03 Aug, | 16:31:43, | 0 |
| 35 | 03 Aug | 16:32:43, | 0.039 |
| 357, | 03 Aug | 16:33:43, | . 039 |
| 358, | 03 Aug, | 16:34:43, | 0.037 |
| 9, | 03 Aug, | 16:35:43, | 0.037 |
| 360, | 03 Aug | 16:36:43, | 37 |
| 61 | 03 Aug | 16:37:43 | 35 |
| 362, | 03 Aug | 16:38:43 | 0.037 |
| 63. | 03 Aug | 16:39:43 | 35 |
| 364, | 03 Aug, | 16:40:43 | . 35 |
| 365 | 03 Aug | 16:41:43, | 34 |
| 366, | 03 Aug | 16:42:43, | 34 |
| 367 , | 03 Aug | 16:43:43, | 4 |
| 368, | 03 Aug, | 16:44:43, | 34 |
| 369, | 03 Aug, | 16:45:43, | 0.035 |
| 70, | 03 Aug | 16:46:43, | 35 |
| 371. | 03 Aug | 16:47:43, | 6 |
| 72 , | 03 Aug | 16:48:43, | 36 |
| 373, | 03 Aug | 16 | 35 |
| 74. | 03 Aug | 16:50:43, | 33 |
| 75, | 03 Aug, | 16 | 0.034 |
| 76 | 03 Aug, | 16:52:43, | 3 |
| 377, | 03 Aug | 16:53:43, | 33 |
| 378, | 03 Aug | 16:54:43, | 4 |
| 79, | 03 Aug, | 16:55:43, | 0.032 |
| 380, | 03 Aug, | 16:56:43, | 0.032 |
| 381 | 03 Aug | 16:57:43, | 0.033 |
| 382, | 03 Aug, | 16:58:43, | 0.032 |
| 383, | 03 Aug, | 16:59:43, | 0.032 |
| 84, | 03 Aug, | 17:00:43, | 0.031 |
| 85, | 03 Aug, | 17:01:43, | 0.030 |
| 86, | 03 Aug, | 17:02:43, | 0.030 |
| 387, | 03 Aug, | 17:03:43, | 29 |
| 388, | 03 Aug, | 17:04:43, | 0.030 |
| 389, | 03 Aug, | 17:05:43, | 0.030 |
| 390, | 03 Aug, | 17:06:43, | 0.032 |
| 391, | 03 Aug, | 17:07:43, | . 029 |
| 392, | 03 Aug, | 17:08:43, | 32 |
| 393, | 03 Aug, | 17:09:43, | . 030 |
| 394, | 03 Aug, | 17:10:43, | 0.032 |
| 95, | 03 Aug, | 17:11:43, | . 31 |
| 96, | 03 Aug, | 17:12:43, | 32 |
| 397, | 03 Aug, | 17:13:43, | . 030 |
| 98, | 03 Aug, | 17:14:43, | 30 |
| 399, | 03 Aug, | 17:15:43, | 0.031 |
| 400, | 03 Aug, | 17:16:43, | 32 |
| 401, | 03 Aug, | 17:17:43, | 0.033 |
| 402, | 03 Aug, | 17:18:43, | 0.031 |
| 403, | 03 Aug, | 17:19:43, | 0.031 |
| 404, | 03 Aug, | 17:20:43, | 0.031 |
| 405, | 03 Aug, | 17:21:43, | 0.030 |
| 406, | 03 Aug, | 17:22:43, | 0.032 |
| 407, | 03 Aug, | 17:23:43, | 0.032 |
| 408, | 03 Aug, | 17:24:43, | 0.031 |
| 409, | 03 Aug, | 17:25:43, | 0.031 |
| 410, | 03 Aug, | 17:26:43, | 0.032 |
| 11, | 03 Aug, | 17:27:43, | 0.032 |
| 412, | 03 | 17:28:43 | 0.033 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 414, | 03 Aug, |  | 0.030 |
| 415, | 03 Aug, | 17:31:43, | 0.030 |
| 416 , | 03 Aug, | 17:32:43, | 0.033 |
| 417, | 03 Aug, | 17:33:43 | 0 |
| 418, | 03 Aug, | 17:34:43, | 0.029 |
| 419, | 03 Aug, | 17:35:43 | 30 |
| 20, | 03 Aug, | 17:36:43, | 0.031 |
| 421, | 03 Aug, | 17:37:43, | 0.031 |
| 422, | 03 Aug, | 17:38:43, | 0.033 |
| 423. | 03 Aug, | 17:39:43, | 1 |
| 424 | 03 Aug, | 17:40:43, | 2 |
| 425 | 03 Aug | 17:41:43, | 0.032 |
| 426, | 03 Aug, | 17:42:43 | 3 |
| 427 | 03 Aug, | 17:43:43, | 0.032 |
| 428, | 03 Aug | 17:44:43, | 4 |
| 429, | 03 Aug, | 17:45:43, | 0.035 |
| 430, | 03 Aug | 17:46:43, | 0.034 |
| 431, | 03 Aug, | 17:47:43, | 036 |
| 432, | 03 Aug | 17:48:43, | 0.035 |
| 433, | 03 Aug | 17:49:43, | . 037 |
| 434, | 03 Aug | 17:50:43, | 0.039 |
| 435, | 03 Aug, | 17:51:43, | 0.037 |
| 436, | 03 Aug | 17:52:43, | 0.039 |
| 437, | 03 Aug, | 17:53:43, | 0.038 |
| 438, | 03 Aug, | 17:54:43, | 0.037 |
| 439, | 03 Aug, | 17:55 | 0.035 |
| 440, | 03 Aug, | 17:56:43, | 7 |
| 41. | 03 Aug | 17:57:43, | 0.037 |
| 442, | 03 Aug, | 17:58:43, | 0.035 |
| 3, | 03 Aug | 17:59:43, | 0.036 |
| 444, | 03 Aug, | 18:00:43, | 0.039 |
| 445, | 03 Aug, | 18:01:43, | 0.040 |
| 446, | 03 Aug, | 18:02:43, | 0.040 |
| 447 , | 03 Aug, | 18:03:43, | 40 |
| 48, | 03 Aug, | 18:04:43, | 0.040 |
| 449, | 03 Aug, | 18:05:43, | 0.040 |
| 5, | 03 Aug, | 18:06:43, | 0.040 |
| 451, | 03 Aug, | 18:07:43, | 0.044 |
| 452, | 03 Aug, | 18:08:43, | 0.041 |
| 453, | 03 Aug, | 18:09:43 | . 42 |
| 454, | 03 Aug, | 18:10:43, | 0.044 |
| 55. | 03 Aug, | 18:11:43, | 0.042 |
| 56, | 03 Aug, | 18:12:43, | 42 |
| 57, | 03 Aug, | 18:13:43, | . 42 |
| 58, | 03 Aug, | 18:14:43, | 0.043 |
| 459, | 03 Aug, | 18:15:43, | 0.044 |
| 460, | 03 Aug, | 18:16:43, | 0.042 |
| 461, | 03 Aug, | 18:17:43, | 0.042 |
| 462, | 03 Aug, | 18:18:43, | 0.042 |
| 463, | 03 Aug, | 18:19:43, | 0.042 |
| 64, | 03 Aug, | 18:20:43, | 0.043 |
| 465, | 03 Aug, | 18:21:43, | 0.042 |
| 66, | 03 Aug, | 18:22:43, | 0.042 |
| 467, | 03 Aug, | 18:23:43, | 0.043 |
| 468, | 03 Aug, | 18:24:43, | 0.039 |
| 469, | 03 Aug, | 18:25:43, | 0.042 |
| 470, | 03 Aug, | 18:26:43, | 0.043 |
| 471, | 03 Aug, | 18:27:43, | 0.043 |
| 472, | 03 Aug, | 18:28:43, | 0.042 |
| 473, | 03 Aug, | 18:29:43, | 0.044 |
| 474, | 03 Aug, | 18:30:43, | . 043 |
| 475, | 03 Aug, | 18:31:43, | 0.044 |
| 476, | 03 Aug, | 18:32:43, | 0.045 |
| 477, | 03 Aug, | 18:33:43, | 0.045 |
| 478, | 03 Aug, | 18:34:43, | 0.048 |
| 479, | 03 Aug, | 18:35:43, | 0.046 |
| 480, | 03 Aug, | 18:36:43, | 0.048 |
| 481, | 03 Aug, | 18:37:43, | 0.046 |
| 482, | 03 Aug, | 18:38:43, | 0.043 |
| 483. | 03 Aug, | 18:39:43, | 0. |


|  | Us Aug, | 16:40:43, |  |
| :---: | :---: | :---: | :---: |
| 85 | 03 Aug, | 18:41:43, | 0.044 |
| 486, | 03 Aug, | 18:42:43, | 0.043 |
| 487 , | 03 Aug, | 18:43:43, | 0.042 |
| 488, | 03 Aug, | 18:44:43, | 0.041 |
| 489, | 03 Aug, | 18:45:43, | 0.041 |
| 490, | 03 Aug, | 18:46:43, | 0.042 |
| 491, | 03 Augr, | 18:47:43, | 0.039 |
| 492, | 03 Aug, | 18:48:43, | 0.040 |
| 493, | 03 Aug, | 18:49:43, | 0.040 |
| 494, | 03 Aug, | 18:50:43, | 0.041 |
| 95. | 03 Aug, | 18:51:43, | 0.038 |
| 496, | 03 Aug, | 18:52:43, | 0.040 |
| 497 , | 03 Aug, | 18:53:43, | 0.037 |
| 498, | 03 Aug, | 18:54:43, | 0.036 |
| 499, | 03 Aug, | 18:55:43, | 0.037 |
| 500, | 03 Aug, | 18:56:43, | 0.037 |
| 501, | 03 Aug, | 18:57:43, | 0.038 |
| 502, | 03 Aug, | 18:58:43, | 0.037 |
| 503, | 03 Aug, | 18:59:43, | 037 |
| 504, | 03 Aug, | 19:00:43, | 0.036 |
| 505, | 03 Aug, | 19:01:43, | . 037 |
| 06, | 03 Aug, | 19:02:43, | 0.036 |
| 507, | 03 Aug, | 19:03:43, | 81 |
| 508, | 03 Aug, | 19:04:43, | 0.067 |
| 509, | 03 Augr | 19:05:43, | 0.044 |
| 510, | 03 Aug, | 19:06:43, | 0.047 |
| 511, | 03 Aug, | 19:07:43, | 0.058 |
| 512, | 03 Aug, | 19:08:43, | . 041 |
| 513, | 03 Aug, | 19:09:43, | 0.035 |
| 514, | 03 Aug, | 19:10:43, | 0.038 |
| 515, | 03 Aug, | 19:11:43, | 0.040 |
| 516, | 03 Aug, | 19:12:43, | 0.039 |
| 517, | 03 Aug, | 19:13:43, | 0.035 |
| 518, | 03 Aug, | 19:14:43, | 0.033 |
| 519, | 03 Aug, | 19:15:43, | 0.034 |
| 520, | 03 Aug | 19:16:43, | 0.033 |

puk-luuv din: uuvue
Tag Number: 03
Number of logged points: 389
Start time and date: 07:55:16 05-Aug
Elapsed time: 06:29:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.115 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 13:46:32 Aug 05
Max STEL Concentration: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 07:55:16 Aug 05
Overa11 Avg Conc: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m) 1, 05 Aug, $07: 56: 16, \quad 0.000$
$\begin{array}{lll}\text { 2, } 05 \text { Aug, 07:57:16, } & 0.000 \\ 3, ~ 05 ~ A u g, ~ 07: 58: 16, ~ & 0.000\end{array}$
4, 05 Aug, 07:59:16, 0.008
5, 05 Aug, 08:00:16, 0.000
6, 05 Aug, 08:01:16, 0.000
7, 05 Aug, 08:02:16, 0.000
$\begin{array}{ll}\text { 8, } 05 \text { Aug, } 08: 03: 16, & 0.000 \\ 9,05 \text { Aug, 08:04:16, } & 0.000\end{array}$
10, 05 Aug, 08:05:16, 0.000
11, 05 Aug, 08:06:16, 0.000
12, 05 Aug, 08:07:16, 0.000
13, 05 Aug, 08:08:16, 0.000
14, 05 Aug, 08:09:16, 0.000
15, $05 \mathrm{Aug}, 08: 10: 16,0.000$
16, 05 Aug, 08:11:16, 0.000
17, 05 Aug, $08: 12: 16,0.000$
18, 05 Aug, 08:13:16, 0.000
$\begin{array}{lll}19, & 05 \text { Aug, } 08: 14: 16, & 0.000 \\ 20,05 \text { Aug, } & 08: 15: 16, & 0.000\end{array}$
$\begin{array}{ll}20,05 \text { Aug, } 08: 15: 16, & 0.000 \\ 21,05 \text { Aug, } 08: 16: 16, & 0.000\end{array}$
$\begin{array}{lll}22, & 05 \text { Aug, } & 08: 17: 16,\end{array} 0.000$
24, 05 Aug, 08:19:16, 0.000
25, 05 Aug, 08:20:16, 0.000
26, 05 Aug, $08: 21: 16,0.000$
27, 05 Aug, $08: 22: 16, \quad 0.000$
$\begin{array}{ll}28, & 05 \text { Aug, } \\ 29, & 05 \text { Aug, } 08: 24: 16, \\ 0.000\end{array}$
30,05 Aug, $08: 25: 16, \quad 0.000$
$\begin{array}{lll}31, & 05 \text { Aug, } & 08: 26: 16,\end{array} 0.000$
33, 05 Aug, $08: 28: 16, \quad 0.000$
$\begin{array}{lll}34, & 05 \text { Aug, } & 08: 29: 16, \\ 35,05 \text { Aug, } & 08: 30: 16, & 0.000\end{array}$
36, 05 Aug, $08: 31: 16, \quad 0.000$
$\begin{array}{lll}37, & 05 \text { Aug, } & 08: 32: 16,\end{array} 0.000$
39, 05 Aug, $08: 34: 16,0.000$
40, 05 Aug, 08:35:16, 0.000
41, 05 Aug, 08:36:16, 0.000
42, 05 Aug, 08:37:16, 0.000
43, 05 Aug, 08:38:16, 0.000
44, 05 Aug, 08:39:16, 0.000
45, 05 Aug, 08:40:16, 0.000
46, 05 Aug, 08:41:16, 0.000
47, 05 Aug, $08: 42: 16,0.000$
48, 05 Aug, 08:43:16, 0.000
49, 05 Aug, 08:44:16, 0.000
50, 05 Aug, 08:45:16, 0.000
51, 05 Aug, 08:46:16, 0.000
52, 05 Aug, 08:47:16, 0.000
53, 05 Aug, 08:48:16, 0.000
54, 05 Aug, 08:49:16, 0.000
55, 05 Aug, 08:50:16, 0.000
56, 05 Aug, 08:51:16, 0.000
57, 05 Aug, 08:52:16, 0.001

|  | טJ muy, |  | u.vuu |
| :---: | :---: | :---: | :---: |
| 59, | 05 Aug, | 08:54:16, | 0.000 |
| 60, | 05 Aug, | 08:55:16, | 0.000 |
| 61. | 05 Aug, | 08:56:16, | 0.000 |
| 62. | 05 Aug, | 08:57:16, | 0.000 |
| 63, | 05 Aug, | 08:58:16, | 0.000 |
| 64, | 05 Aug, | 08:59:16, | 0.000 |
| 65, | 05 Aug, | 09:00:16, | 0.000 |
| 66, | 05 Aug, | 09:01:16, | 0.000 |
| 67, | 05 Aug, | 09:02:16, | 0.000 |
| 68, | 05 Aug, | 09:03:16, | 0.000 |
| 69, | 05 Aug, | 09:04:16, | 0.000 |
| 70, | 05 Aug, | 09:05:16, | 0.000 |
| 71, | 05 Aug, | 09:06:16, | 0.000 |
| 72, | 05 Aug, | 09:07:16, | 0.001 |
| 73, | 05 Aug, | 09:08:16, | 0.001 |
| 74, | 05 Aug, | 09:09:16, | 0.001 |
| 75, | 05 Aug, | 09:10:16, | 0.000 |
| 76, | 05 Aug, | 09:11:16, | 0.000 |
| 77, | 05 Aug, | 09:12:16, | 0.000 |
| 78, | 05 Aug, | 09:13:16, | 0.000 |
| 79, | 05 Aug, | 09:14:16, | 0.000 |
| 80, | 05 Aug, | 09:15:16, | 0.000 |
| 81, | 05 Aug, | 09:16:16, | 0.000 |
| 82, | 05 Aug, | 09:17:16, | 0.000 |
| 83, | 05 Aug, | 09:18:16, | 0.000 |
| 84, | 05 Aug, | 09:19:16, | 0.000 |
| 85, | 05 Aug, | 09:20:16, | 0.000 |
| 86, | 05 Aug, | 09:21:16, | 0.000 |
| 87. | 05 Aug, | 09:22:16, | 0.000 |
| 88, | 05 Aug, | 09:23:16, | 0.000 |
| 89, | 05 Aug, | 09:24:16, | 0.000 |
| 90, | 05 Aug, | 09:25:16, | 0.000 |
| 91, | 05 Aug, | 09:26:16, | 0.000 |
| 92, | 05 Aug, | 09:27:16, | 0.000 |
| 93, | 05 Aug, | 09:28:16, | 0.000 |
| 94. | 05 Aug, | 09:29:16, | 0.006 |
| 95, | 05 Aug, | 09:30:16, | 0.000 |
| 96, | 05 Aug, | 09:31:16, | 0.000 |
| 97, | 05 Aug, | 09:32:16, | 0.000 |
| 98, | 05 Aug, | 09:33:16, | 0.000 |
| 99, | 05 Aug, | 09:34:16, | 0.000 |
| 100, | 05 Aug, | 09:35:16, | 0.000 |
| 101, | 05 Aug, | 09:36:16, | 0.000 |
| 102, | 05 Aug, | 09:37:16, | 0.000 |
| 103, | 05 Aug, | 09:38:16, | 0.001 |
| 104, | 05 Aug, | 09:39:16, | 0.000 |
| 105, | 05 Aug, | 09:40:16, | 0.000 |
| 106, | 05 Aug, | 09:41:16, | 0.000 |
| 107, | 05 Aug, | 09:42:16, | 0.000 |
| 108, | 05 Aug, | 09:43:16, | 0.000 |
| 109, | 05 Aug, | 09:44:16, | 0.000 |
| 110, | 05 Aug, | 09:45:16, | 0.000 |
| 111, | 05 Aug, | 09:46:16, | 0.001 |
| 112, | 05 Aug, | 09:47:16, | 0.000 |
| 113, | 05 Aug, | 09:48:16, | 0.000 |
| 114, | 05 Aug, | 09:49:16, | 0.000 |
| 115, | 05 Aug, | 09:50:16, | 0.000 |
| 116, | 05 Aug, | 09:51:16, | 0.000 |
| 117, | 05 Aug, | 09:52:16, | 0.000 |
| 118, | 05 Aug, | 09:53:16, | 0.000 |
| 119, | 05 Aug, | 09:54:16, | 0.000 |
| 120, | 05 Aug, | 09:55:16, | 0.000 |
| 121, | 05 Aug, | 09:56:16, | 0.000 |
| 122, | 05 Aug, | 09:57:16, | 0.000 |
| 123, | 05 Aug, | 09:58:16, | 0.000 |
| 124, | 05 Aug, | 09:59:16, | 0.000 |
| 125. | 05 Aug, | 10:00:16, | 0.000 |
| 126, | 05 Aug, | 10:01:16, | 0.000 |
| 127, | 05 Aug, | 10:02:16, | 0.000 |
| 128 | 05 Aug, | 10:03:16, | 0.000 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 05 Au |  | 0.000 |
| 31 | 05 Au |  | 0.000 |
| 132, | 05 Aug, | 10:07:16, | 0.000 |
| 33 | 05 Aug |  |  |
| 134 | 05 Augr, | 10:09:16 | 0.000 |
| 55 | 05 Aug, |  | 0 |
| 136, | 05 Aug, | 10:11:16 | 00 |
| 137, | 05 Aug, | 10:12:16 | 0 |
| 38. | 05 Aug, |  | 00 |
| 9 | 05 Aug | 10:14:16 | 00 |
| 0 | 05 Aug |  | 0.000 |
| 141, | 05 Aug | 10:16:16 |  |
|  | 05 Aug |  | 0 |
| 43 | 05 Aug, | 10:18:16 | 00 |
| 144, | 05 Aug |  | 0.000 |
| 5 | 05 Aug | 10:20:16, | 00 |
| 146, | 05 Aug | 10:21:16, | 00 |
| 7, | 05 Aug, |  | 0 |
| 8 | 05 Aug | 10:23:16, | 00 |
| 49, | 05 Aug |  | 00 |
| 50, | 05 Aug | 10:25:16 | 0 |
| 1. | 05 Aug |  | 00 |
| 52, | 05 Aug | 10:27:16 | 00 |
| , | 05 Aug, |  | 0.000 |
| 54 | 05 Aug | 10:29:16, | 0 |
|  | 05 A |  | 0.000 |
| 5 | 05 Aug | 10:31:16, | 3 |
| 157, | 05 Au | 10:32:16, | 0.000 |
| 58, | 05 Aug | 10:33:16, | 0 |
| 9, | 05 Aug | 10:34:16 | 0.000 |
| 160, | 05 Aug | 10 | 0.000 |
| 161 | 05 Aug | 10:36:16, | 0.000 |
| 62, | 05 Aug |  | 0.000 |
| 163, | 05 Aug | 10:38:16, | 0.000 |
| 164, | 05 A | 10:39:16, | 0.000 |
| 65, | 05 Aug, | 10:40:16, | 0 |
| 66, | 05 Aug | 10:41:16, | 0.001 |
| 67 , | 05 Aug |  | 0.000 |
| 168, | 05 Aug | 10:43:16, | 0.000 |
| 69, | 05 Aug |  | 0 |
| 70, | 05 Aug, | 10:45:16, | 0.000 |
| 71, | 05 Aug |  | 000 |
| 72, | 05 Aug, | 10:47:16, | 00 |
| 73. | 05 Aug, | 10:48:16, | 00 |
| 174, | 05 Aug, |  |  |
| 75, | 05 Aug, | 10:50:16 | 00 |
| 76, | 05 Aug, |  | 000 |
| 177, | 05 Aug, | 10:52:16, | 0.000 |
| 78, | 05 Aug |  | 000 |
| 179, | 05 Aug | 10:54:16, | 0.000 |
| 180, | 05 Aug |  | . 000 |
| 1. | 05 Aug, | 10:56:16, | 1 |
| 2. | 05 Aug, | 10:57:16, | 001 |
| 3, | 05 Aug, | 10:58:16, | - |
| 84, | 05 Aug, | 10:59:16, | 00 |
| 85, | 05 Aug, | 11:00:16 | - |
| 86, | 05 Aug, | 11:01:16 | 00 |
| 87. | 05 Aug, | 11:02:16, | 00 |
| 88, | 05 Aug, | 11:03:16, | 0.000 |
| 89, | 05 Aug, | 11:04:16 | 0.000 |
| 190, | 05 Aug, | 11:05:16, | . 001 |
| 91, | 05 Aug, | 11:06:16, | 0.000 |
| 92, | 05 Aug, | 11:07:16, | 0.000 |
| 193, | 05 Aug, | 11:08:16 | 0.000 |
| 94. | 05 Aug, | 11:09:16, | 0.000 |
| 9, | 05 Aug, | 11:10:16, | 0.000 |
| 196, | 05 Aug, | 11:11:16, | 0.000 |
| , | 05 Aug, | 11:12:16, | 0.000 |
| 98, | 05 Aug, | 11:13:16 | 0.000 |
| 199. | 05 | 11: | 0.000 |


|  | vi muy, |  |  |
| :---: | :---: | :---: | :---: |
| , | 05 Aug, | 11:16:16, | 00 |
| 202, | 05 Aug, | 11:17:16, | 0.000 |
| 203, | 05 Aug, | 11:18:16 | 0.000 |
| , | 05 Aug, | 11:19:16, | 0.000 |
| 05, | 05 Aug, |  | 0 |
| 06, | 05 Aug, | 11:21:16, | 00 |
| 7 | 05 Aug, | 11:22:16 | 00 |
| 08, | 05 Aug, | 11:23:16, | 00 |
| 9 | 05 Aug, | 11:24:16, | 00 |
| 10. | 05 Aug, | 11: 25:16, | 0 |
| 211, | 05 Aug | 11:26:16, | 00 |
| 12. | 05 Aug, | 11:27:16, | 000 |
| 213, | 05 Aug | 11:28:16, | 0.000 |
| , | 05 Aug, | 11:29:16 | . 000 |
| 215, | 05 Aug, | 11:30:16, | 0.000 |
| 6, | 05 Aug, | 11:31:16 | 0.000 |
| 217, | 05 Aug, | 11:32:16, | 0.000 |
| 218, | 05 Aug, | 11:33:16, | 00 |
| 219, | 05 Aug, | 11:34:16, | . 00 |
| 220, | 05 Aug | 11:35:16, | 00 |
| 221 | 05 Aug, | 11:36:16, | 0.000 |
| 222, | 05 Aug, | 11:37:16, | 0.000 |
| 223. | 05 Aug, | 11:38:16 | 0.000 |
| 224 | 05 Aug, | 11:39:16 | 00 |
| 225 | 05 Aug, | 11:40 | 0.000 |
| 226, | 05 Aug, | 11:41:16, | 00 |
| 227, | 05 Aug, | 11:42:16, | 0.000 |
| 228, | 05 Aug, | 11:43:16, | 00 |
| 229, | 05 Aug, | 11:44:16, | 0.000 |
| 230, | 05 Aug, | 11:45:16, | 00 |
| 1 | 05 Aug, | 11:46:16, | 0.000 |
| 232, | 05 Aug, | 11:47:16, | 00 |
| 233, | 05 Aug, | 11:48:16, | 00 |
| 34. | 05 Aug, | 11:49:16 | 00 |
| 3 | 05 Aug, | 11:50:16, | 00 |
| 3, | 05 Aug | 11:51:16, | . 00 |
| 237, | 05 Aug, | 11:52:16, | 0 |
| 38, | 05 Aug, | 11:53:16, | 0.000 |
| 239, | 05 Aug, | 11:54:16, | 0 |
| 240, | 05 Aug, | 11:55:16, | 000 |
| 241, | 05 Aug, | 11:56 | 00 |
| 42, | 05 Aug, | 11:57:16, | . 000 |
| 3. | 05 Aug, | 11:58:16, | 0.000 |
| 4 4, | 05 Aug, | 11:59:16, | 0 |
| 245, | 05 Aug, | 12:00:16, | 0.000 |
| 246, | 05 Aug, | 12:01:16, | . 000 |
| 247, | 05 Aug, | 12:02:16, | 0.000 |
| 248, | 05 Aug, | 12:03:16 | 0.000 |
| 249, | 05 Aug, | 12:04:16, | 0.000 |
| 250, | 05 Aug, | 12:05:16, | 0.000 |
| 251 | 05 Aug, | 12:06:16, | 0.000 |
| 2, | 05 Aug, | 12:07:16, | 0.000 |
| 253, | 05 Aug, | 12:08:16, | 0.000 |
| 54, | 05 Aug, | 12:09:16, | 0.000 |
| 255, | 05 Aug, | 12:10:16, | 0.000 |
| 256, | 05 Aug, | 12:11:16, | 0.000 |
| 257, | 05 Aug, | 12:12:16, | 0.000 |
| 258, | 05 Aug, | 12:13:16, | 0.000 |
| 259, | 05 Aug, | 12:14:16, | 0.000 |
| 260, | 05 Aug, | 12:15:16, | 0.000 |
| 261, | 05 Aug, | 12:16:16, | 0.000 |
| 262, | 05 Aug, | 12:17:16, | 0.000 |
| 263, | 05 Aug, | 12:18:16, | 0.000 |
| 264, | 05 Aug, | 12:19:16, | 0.000 |
| 65, | 05 Aug, | 12:20:16, | 0.000 |
| 266, | 05 Aug, | 12:21:16, | 0.000 |
| 267, | 05 Aug, | 12:22:16, | 0.000 |
| 268, | 05 Aug, | 12:23:16, | 0.000 |
| 269, | 05 Aug, | 12:24:16, | 0.000 |
| 270, | 05 Aug, | 12:25:16, | 0.000 |


| <11, | va muy, | 1二: $\angle 0: 10$, | v.vuv |  |
| :---: | :---: | :---: | :---: | :---: |
| 272, | 05 Aug, | 12:27:16, | 0.000 | - |
| 273, | 05 Aug, | 12:28:16, | 0.000 | - |
| 274, | 05 Aug, | 12:29:16, | 0.000 |  |
| 275, | 05 Aug, | 12:30:16, | 0.000 |  |
| 276, | 05 Aug, | 12:31:16, | 0.000 |  |
| 277, | 05 Aug, | 12:32:16, | 0.000 |  |
| 278, | 05 Aug, | 12:33:16, | 0.000 |  |
| 279, | 05 Aug, | 12:34:16, | 0.000 |  |
| 280, | 05 Aug, | 12:35:16, | 0.000 |  |
| 281, | 05 Aug, | 12:36:16, | 0.000 |  |
| 282, | 05 Aug, | 12:37:16, | 0.000 |  |
| 283, | 05 Augr, | 12:38:16, | 0.000 |  |
| 284, | 05 Aug, | 12:39:16, | 0.000 |  |
| 285, | 05 Aug, | 12:40:16, | 0.000 |  |
| 286, | 05 Aug, | 12:41:16, | 0.000 |  |
| 287, | 05 Aug, | 12:42:16, | 0.000 |  |
| 288, | 05 Aug, | 12:43:16, | 0.000 |  |
| 289, | 05 Aug, | 12:44:16, | 0.000 |  |
| 290, | 05 Aug, | 12:45:16, | 0.000 |  |
| 291, | 05 Aug, | 12:46:16, | 0.000 |  |
| 292, | 05 Aug, | 12:47:16, | 0.000 |  |
| 293, | 05 Aug, | 12:48:16, | 0.000 |  |
| 294, | 05 Aug, | 12:49:16, | 0.000 |  |
| 295, | 05 Aug, | 12:50:16, | 0.000 |  |
| 296, | 05 Aug, | 12:51:16, | 0.000 |  |
| 297, | 05 Aug, | 12:52:16, | 0.000 |  |
| 298, | 05 Aug, | 12:53:16, | 0.000 |  |
| 299, | 05 Aug, | 12:54:16, | 0.000 |  |
| 300, | 05 Aug, | 12:55:16, | 0.000 |  |
| 301, | 05 Aug, | 12:56:16, | 0.000 |  |
| 302, | 05 Aug, | 12:57:16, | 0.000 |  |
| 303, | 05 Aug, | 12:58:16, | 0.000 |  |
| 304, | 05 Aug, | 12:59:16, | 0.000 |  |
| 305, | 05 Aug, | 13:00:16, | 0.000 |  |
| 306, | 05 Aug, | 13:01:16, | 0.000 |  |
| 307, | 05 Aug, | 13:02:16, | 0.000 |  |
| 308, | 05 Aug, | 13:03:16, | 0.000 |  |
| 309, | 05 Aug, | 13:04:16, | 0.000 |  |
| 310, | 05 Aug, | 13:05:16, | 0.001 |  |
| 311, | 05 Aug, | 13:06:16, | 0.000 |  |
| 312, | 05 Aug, | 13:07:16, | 0.000 |  |
| 313. | 05 Aug, | 13:08:16, | 0.000 |  |
| 314, | 05 Aug, | 13:09:16, | 0.000 |  |
| 315, | 05 Aug, | 13:10:16, | 0.000 |  |
| 316, | 05 Aug, | 13:11:16, | 0.000 |  |
| 317, | 05 Aug, | 13:12:16, | 0.000 |  |
| 318, | 05 Aug, | 13:13:16, | 0.000 |  |
| 319, | 05 Aug, | 13:14:16, | 0.000 |  |
| 320, | 05 Aug, | 13:15:16, | 0.000 |  |
| 321, | 05 Aug, | 13:16:16, | 0.000 |  |
| 322, | 05 Aug, | 13:17:16, | 0.000 |  |
| 323, | 05 Aug, | 13:18:16, | 0.000 |  |
| 324, | 05 Aug, | 13:19:16, | 0.000 |  |
| 325, | 05 Aug, | 13:20:16, | 0.000 |  |
| 326, | 05 Aug, | 13:21:16, | 0.000 |  |
| 327, | 05 Aug, | 13:22:16, | 0.000 |  |
| 328, | 05 Augr | 13:23:16, | 0.000 |  |
| 329, | 05 Aug, | 13:24:16, | 0.000 |  |
| 330, | 05 Aug, | 13:25:16, | 0.000 |  |
| 331, | 05 Aug, | 13:26:16, | 0.001 |  |
| 332, | 05 Aug, | 13:27:16, | 0.000 |  |
| 333, | 05 Aug, | 13:28:16, | 0.000 |  |
| 334, | 05 Aug, | 13:29:16, | 0.000 |  |
| 335, | 05 Aug, | 13:30:16, | 0.000 |  |
| 336, | 05 Aug, | 13:31:16, | 0.000 |  |
| 337, | 05 Aug, | 13:32:16, | 0.000 |  |
| 338, | 05 Aug, | 13:33:16, | 0.000 |  |
| 339, | 05 Aug, | 13:34:16, | 0.000 |  |
| 340, | 05 Aug, | 13:35:16, | 0.000 |  |
| 341, | 05 Aug, | 13:36:16, | 0.000 |  |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 343, | 05 Aug, |  | 0 |
| 4. | 05 Aug, | 13:39:16, | 00 |
| 345 , | 05 Aug, | 13:40:16, | 0.000 |
| 46, | 05 Aug, | 13:41:16 | 00 |
| 347 , | 05 Aug, | 13:42:16, | 0.000 |
| 348, | 05 Aug, | 13:43:16 | 0 |
| 349, | 05 Aug | 13:44:16, | 0.001 |
| 5 | 05 Aug | 13:45:16 | 00 |
| 31, | 05 Aug, | 13:46:16, | 0.000 |
| 52 | 05 Aug, | 13:47:16, | 0.020 |
| 353, | 05 Aug, | 13:48:16 | 0.000 |
| 54 | 05 Aug, | 13:49:16, | 000 |
| 355, | 05 Aug, | 13:50:16, | 0.000 |
| 56. | 05 Aug, | 13:51:16, | 0.000 |
| 357, | 05 Aug, | 13:52:16 | 0.000 |
| 358, | 05 Aug, | 13:53:16, | 000 |
| 359, | 05 Aug, | 13:54:16 | 0.000 |
| 360, | 05 Aug, | 13:55:16, | 00 |
| 361, | 05 Aug, | 13:56:16 | 0.000 |
| 362. | 05 Aug, | 13:57:16 | 0 |
| 63, | 05 Aug, | 13:58:16, | . 000 |
| 364, | 05 Aug, | 13:59:16, | 0.000 |
| 5 | 05 Aug, | 14:00:16, | 0.000 |
| 366, | 05 Aug, | 14:01:16, | 00 |
| 367 , | 05 Aug, | 14:02:16, | 0.000 |
| 368, | 05 Aug, | 14:03:16 | 00 |
| 369, | 05 Aug, | 14:04:16, | . 00 |
| 70, | 05 Aug, | 14:05:16, | . 00 |
| 1, | 05 Aug, | 14:06:16, | 00 |
| 72. | 05 Aug, | 14:07:16, | 0.000 |
| 73, | 05 Aug, | 14:08:16, | 00 |
| 374, | 05 Aug, | 14:09:16, | 0.000 |
| 75. | 05 Aug, | 14:10:16 | . 000 |
| 376, | 05 Aug, | 14:11:16, | . 00 |
| 37, | 05 Aug, | 14:12:16, | 0.000 |
| 378 , | 05 Aug, | 14:13:16, | 00 |
| 79. | 05 Aug, | 14:14:16, | 0.000 |
| 380, | 05 Aug, | 14:15:16, | 0.000 |
| 381, | 05 Aug, | 14:16:16, | 0.000 |
| 382, | 05 Aug, | 14:17:16 | 0.000 |
| 383, | 05 Aug, | 14:18:16, | 0.000 |
| 384 | 05 Aug, | 14:19:16, | 0.000 |
| 385, | 05 Aug, | 14:20:16, | 0.000 |
| 386, | 05 Aug, | 14:21:16, | 0.000 |
| 387, | 05 Aug, | 14:22:16, | 0.000 |
| 388 | 05 Aug, | 14:23:16, | 0.000 |
| 389, | 05 Aug, | 14:24:16 | 0.000 |

puk-ivue d/e: unuev
Tag Number: 04
Number of logged points: 405
Start time and date: 07:38:22 06-Aug
Elapsed time: 06:45:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $1.662 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 09:55:01 Aug 06
Max STEL Concentration: $0.043 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 09:57:53 Aug 06
Overall Avg Conc: $0.003 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:

Point, Date
Time , 1, $06 \mathrm{Aug}, 07: 39: 22,0.034$ 2, 06 Aug, 07:40:22, 0.000 Avg. (mg/m ${ }^{3}$ ) 3, 06 Aug, 07:41:22, 0.001 4, 06 Aug, 07:42:22, 0.003 5, 06 Aug, 07:43:22, 0.001 6, 06 Aug, 07:44:22, 0.001 7, 06 Aug, 07:45:22, 0.000 8, 06 Aug, 07:46:22, 0.000 9, 06 Aug, 07:47:22, 0.000 10, 06 Aug, 07:48:22, 0.000 11, 06 Aug, 07:49:22, 0.000 12, 06 Aug, 07:50:22, 0.000 13, 06 Aug, 07:51:22, 0.000 14, 06 Aug, 07:52:22, 0.000 15, 06 Aug, 07:53:22, 0.000 16, 06 Aug, 07:54:22, 0.000 17, 06 Aug, 07:55:22, 0.000 18, 06 Aug, 07:56:22, 0.000 19, 06 Aug, 07:57:22, 0.000 20, 06 Aug, 07:58:22, 0.001 21, 06 Aug, 07:59:22, 0.000 22, 06 Aug, 08:00:22, 0.000 23, 06 Aug, 08:01:22, 0.000 24, 06 Aug, 08:02:22, 0.000 25, 06 Aug, 08:03:22, 0.000 26, 06 Aug, 08:04:22, 0.000 27, 06 Aug, 08:05:22, 0.000 28, 06 Aug, 08:06:22, 0.000 29, 06 Aug, 08:07:22, 0.000 30, 06 Aug, 08:08:22, 0.000 31, 06 Aug, 08:09:22, 0.000 32, 06 Aug, 08:10:22, 0.000 33, 06 Aug, 08:11:22, 0.000 34, 06 Aug, 08:12:22, 0.000 35, 06 Aug, 08:13:22, 0.000
36, 06 Aug, 08:14:22, 0.000
37, 06 Aug, $08: 15: 22,0.000$

38, 06 Aug, 08:16:22, 0.000
39, 06 Aug, 08:17:22, 0.000
40, 06 Aug, 08:18:22, 0.000
41, 06 Aug, 08:19:22, 0.006
42, 06 Aug, 08:20:22, 0.000
43, 06 Aug, 08:21:22, 0.001
44, 06 Aug, 08:22:22, 0.000
45, 06 Aug, 08:23:22, 0.000
46, 06 Aug, 08:24:22, 0.000
47, 06 Aug, 08:25:22, 0.001
48, 06 Aug, 08:26:22, 0.000
49, 06 Aug, 08:27:22, 0.000
50, 06 Aug, 08:28:22, 0.000
51, 06 Aug, 08:29:22, 0.000
52, 06 Aug, $08: 30: 22,0.000$
53, 06 Aug, 08:31:22, 0.000
54, 06 Aug, 08:32:22, 0.000
55, 06 Aug, 08:33:22, 0.000
56, 06 Aug, 08:34:22, 0.000
57, 06 Aug, 08:35:22, 0.000

|  | Aug, | Us: $56: 22$, | U.UUU |
| :---: | :---: | :---: | :---: |
| 59, | 06 Aug, | 08:37:22, | 0.000 |
| 60, | 06 Aug, | 08:38:22, | 0.000 |
| 1, | 06 Aug, | 08:39:22, | 0.000 |
| 62, | 06 Aug, | 08: $40: 22$, | 0.000 |
| 63, | 06 Aug, | 08:41:22, | 0.000 |
| 64, | 06 Aug, | 08:42:22, | 0.000 |
| 65, | 06 Aug, | 08:43:22, | 0.000 |
| 66, | 06 Aug, | 08:44:22, | 0.001 |
| 67. | 06 Aug, | 08: $45: 22$, | 0.000 |
| 8, | 06 Aug, | 08:46:22, | 0.000 |
| 69. | 06 Aug, | 08:47:22, | 0.000 |
| 70 | 06 Aug, | 08:48:22, | 0.001 |
| 71, | 06 Aug, | 08:49:22, | 0.001 |
| 72, | 06 Aug, | 08:50:22, | 0.002 |
| 73, | 06 Aug, | 08:51:22, | 0.000 |
| 74, | 06 Aug, | 08:52:22, | 0.000 |
| 75, | 06 Aug, | 08:53:22, | 0.000 |
| 76, | 06 Aug, | 08:54:22, | 0.000 |
|  | 06 Aug, | 08:55:22, | 0.000 |
| 78, | 06 Aug, | 08:56:22, | 0.000 |
| 79, | 06 Aug, | 08:57:22, | 0.000 |
| 80, | 06 Aug, | 08:58:22, | 0.000 |
| 81, | 06 Aug, | 08:59:22, | 0.000 |
| 82, | 06 Aug, | 09:00:22, | 0.000 |
| 83, | 06 Aug, | 09:01:22, | 0.000 |
| 84, | 06 Aug, | 09:02:22, | 0.000 |
| 85, | 06 Aug, | 09:03:22, | 0.000 |
| , | 06 Aug, | 09:04:22, | 0.000 |
| 87, | 06 Aug, | 09:05:22, | 0.000 |
| 8 | 06 Aug, | 09:06:22, | 0.000 |
| 89, | 06 Aug, | 09:07:22, | 0.001 |
| 90, | 06 Aug, | 09:08:22, | 0.000 |
| 91, | 06 Aug, | 09:09:22, | 0.000 |
| 92, | 06 Aug, | 09:10:22, | 0.000 |
| 93, | 06 Aug, | 09:11:22, | 0.000 |
| 94, | 06 Aug, | 09:12:22, | 0.002 |
| 95, | 06 Aug, | 09:13:22, | 0.000 |
| 96, | 06 Aug, | 09:14:22, | 0.000 |
| 97, | 06 Aug, | 09:15:22, | 0.000 |
| 98, | 06 Aug, | 09:16:22, | 0.000 |
| 99, | 06 Aug, | 09:17:22, | 0.000 |
| 100, | 06 Aug, | 09:18:22, | 0.000 |
| 101, | 06 Aug, | 09:19:22, | 0.000 |
| 102, | 06 Aug, | 09:20:22, | 0.000 |
| 103. | 06 Aug, | 09:21:22, | 0.000 |
| 104, | 06 Aug, | 09:22:22, | 0.000 |
| 105, | 06 Aug, | 09:23:22, | 0.000 |
| 106, | 06 Aug, | 09:24:22, | 0.000 |
| 107, | 06 Aug, | 09:25:22, | 0.000 |
| 108, | 06 Aug, | 09:26:22, | 0.000 |
| 109, | 06 Aug, | 09:27:22, | 0.000 |
| 110, | 06 Aug, | 09:28:22, | 0.000 |
| 111, | 06 Aug, | 09:29:22, | 0.000 |
| 112, | 06 Aug, | 09:30:22, | 0.000 |
| 113, | 06 Aug, | 09:31:22, | 0.000 |
| 114, | 06 Aug, | 09:32:22, | 0.000 |
| 115, | 06 Aug, | 09:33:22, | 0.000 |
| 116, | 06 Aug, | 09:34:22, | 0.000 |
| 117, | 06 Aug, | 09:35:22, | 0.000 |
| 118, | 06 Aug, | 09:36:22, | 0.000 |
| 119, | 06 Aug, | 09:37:22, | 0.000 |
| 120, | 06 Aug, | 09:38:22, | 0.000 |
| 121, | 06 Aug, | 09:39:22, | 0.000 |
| 122, | 06 Aug, | 09:40:22, | 0.000 |
| 123, | 06 Aug, | 09:41:22, | 0.000 |
| 124, | 06 Aug, | 09:42:22, | 0.000 |
| 125, | 06 Aug, | 09:43:22, | 0.000 |
| 126, | 06 Aug, | 09:44:22, | 0.000 |
| 127, | 06 Aug, | 09:45:22, | 0.001 |
| 128, | 06 Aug, | 09:46:22, | 0.000 |


|  | , |  | u.v<u |
| :---: | :---: | :---: | :---: |
| 130 | 06 Aug, | 09:48:22, | 0.024 |
| 13 | 06 Aug, |  | . 00 |
| 132 | 06 Aug, | 09:50:22, | 0.000 |
| 133 | 06 Aug | 09:51:22, | 5 |
| 134. | 06 Aug, | 09:52:22, | 0.016 |
| 1 | 06 Au | 09:53:22, | 0.000 |
| 13 | 06 Aug |  | 0.119 |
| 7 | 06 Aug | 09:55:22 |  |
| 8 | 06 Aug | 09:56:22 | 0.042 |
| 39, | 06 Aug, | 09:57:22, | 00 |
| - | 06 Aug | 09:58:22 | 00 |
| 1 | 06 Aug | 09:59:22, | 01 |
| 142, | 06 Aug | 10:00:22, | 00 |
| 3 | 06 Aug, | 10:01:22, | 0 |
| 144, | 06 Aug | 10:02:22, | 00 |
| 5 | 06 Aug | 10:03:22, | 0 |
| 46 | 06 Aug | 10:04:22, | 00 |
|  | 06 Aug | 10:05:22, | 01 |
| 148 | 06 Aug | 10:06:22, | 01 |
|  | 06 Aug | 10:07:22, | 00 |
| 150, | 06 Aug | 10:08:22, | 00 |
|  | 06 A | 10:09:22, | 00 |
| 52 | 06 Aug | 10:10:22, | 56 |
| 53 | 06 Aug | 10:11:22, | 22 |
| 154, | 06 Aug | 10:12:22 | 007 |
| 155 | 06 Aug | 10:13:22, | 0.000 |
| 156, | 06 Aug | 10:14:22, | 0.000 |
| 157 | 06 Aug | 10:15:22, | 0.000 |
|  | 06 Aug | 10:16:22, | 0.000 |
| 159 | 06 Aug | 10:17:22, | 0 |
| , | 06 A | 10:18:22, | 0.001 |
| 161, | 06 Aug | 10:19:22, | 0 |
| 162 | 06 Aug | 10:20:22, | 0.001 |
| 163, | 06 Aug, | 10:21:22, | 0.000 |
| 164, | 06 Aug | 10:22:22, | 0.000 |
|  | 06 Au |  | 0.000 |
| 166, | 06 Aug, | 10:24:22, | 0.000 |
| 167 , | 06 Au |  | 0.000 |
| 168, | 06 Aug, | 10:26:22, | 00 |
| 169, | 06 Aug, | 10:27:22, | 0.012 |
| 170, | 06 Aug, | 10:28:22, | 62 |
| 71. | 06 Aug, | 10:29:22, | 0.000 |
| 172, | 06 Aug, |  | 1 |
| 173, | 06 Aug, | 10:31:22, | . 000 |
| 174 | 06 Aug | 10:32:22, | 00 |
| 5, | 06 Aug, | 10:33:22, | . 000 |
| 76, | 06 Aug | 10:34:22, | 000 |
| 77. | 06 Aug, | 10:35:22, | 000 |
| 78, | 06 Aug, | 10:36:22, | . 00 |
| 79, | 06 Aug, | 10:37:22, | 0.000 |
| 80, | 06 Aug , | 10:38:22, | 0.000 |
| 1 | 06 Aug, | 10:39:22, | . 000 |
| 82, | 06 Aug, | 10:40:22, | . 000 |
|  | 06 Aug, | 10:41:22, | . 045 |
| 184, | 06 Aug, | 10:42:22, | 00 |
|  | 06 Aug, | 10:43:22, | . 000 |
| 8, | 06 Aug, | 10:44:22, | 05 |
| 187, | 06 Aug, | 10:45:22, | . 000 |
| 188, | 06 Aug, | 10:46:22, | 46 |
| 89, | 06 Aug, | 10:47:22, | 0.000 |
| 190, | 06 Aug, | 10:48:22, | 00 |
| , | 06 Aug, | 10:49:22, | 0.000 |
| 192, | 06 Aug, | 10:50:22, | 0.000 |
| 193, | 06 Aug , | 10:51:22, | 0.001 |
| 194, | 06 Aug, | 10:52:22, | 0.001 |
| 95, | 06 Aug, | 10:53:22, | 0.000 |
| 196, | 06 Aug, | 10:54:22, | 0.000 |
| 197, | 06 Aug, | 10:55:22, | 0.000 |
| 198, | 06 Aug, | 10:56:22, | 0.061 |
| 199, | 06 Aug, | 10:57:22, | 00 |


|  | Aug, | 2, | $5 \%$ |
| :---: | :---: | :---: | :---: |
| 1, | 06 Aug, | 10:59:22, | 01 |
| 202, | 06 Aug, | 11:00:22, | 0.018 |
| 203, | 06 Aug, | 11:01:22, | 0.006 |
| 204 | 06 Aug, | 11:02:22, | 0.000 |
| 205 | 06 Aug, | 11:03:22, | 0.000 |
| 206. | 06 Aug, | 11:04:22, | 67 |
| 07. | 06 Aug, | 11:05:22, | 0.020 |
| 208, | 06 Aug, | 11:06:22, | 0.001 |
| 209, | 06 Aug, | 11:07:22, | 0.000 |
| 210, | 06 Aug, | 11:08:22, | 0.000 |
| 211 | 06 Aug, | 11:09:22, | 0.000 |
| 212, | 06 Aug, | 11:10:22, | 0.001 |
| 213, | 06 Aug , | 11:11:22, | 0.000 |
| 214, | 06 Aug, | 11:12:22, | 0.000 |
| 215 | 06 Aug, | 11:13:22, | 0.000 |
| 216, | 06 Aug, | 11:14:22, | 0.000 |
| 217 , | 06 Aug, | 11:15:22, | 0.000 |
| 218, | 06 Aug, | 11:16:22, | 0.000 |
| 219, | 06 Aug, | 11:17:22, | 0.002 |
| 220, | 06 Aug, | 11:18:22, | 0.000 |
| 1 | 06 Aug, | 11:19:22, | 0.002 |
| 222, | 06 Aug, | 11:20:22, | 0.013 |
| 23. | 06 Aug, | 11:21:22, | 0.054 |
| 224 | 06 Aug, | 11:22:22, | 0.009 |
| 225, | 06 Aug, | 11:23:22, | 0.101 |
| 226, | 06 Aug, | 11:24:22, | 0.000 |
| 227, | 06 Aug, | 11:25:22, | 0.000 |
| 228, | 06 Aug, | 11:26:22, | 0.000 |
| 229, | 06 Aug, | 11:27:22, | 0.000 |
| 230, | 06 Aug, | 11:28:22, | 0.000 |
| 231, | 06 Aug, | 11:29:22, | 0.000 |
| 32, | 06 Aug, | 11:30:22, | 0.000 |
| 233, | 06 Aug, | 11:31:22, | 00 |
| 234, | 06 Aug, | 11:32:22, | 0.000 |
| 235, | 06 Aug, | 11:33:22, | 0.000 |
| 236, | 06 Aug, | 11:34:22, | 0.000 |
| 237, | 06 Aug, | 11:35:22, | 0.000 |
| 238, | 06 Aug, | 11:36:22, | 0.000 |
| 39. | 06 Aug | 11:37:22, | 0.000 |
| 240, | 06 Aug, | 11:38:22, | 0.001 |
| 1 | 06 Aug, | 11:39:22, | 0.000 |
| 242, | 06 Aug, | 11:40:22, | 0.000 |
| 243, | 06 Aug, | 11:41:22, | 0.000 |
| 244, | 06 Aug, | 11:42:22, | 0.000 |
| 245, | 06 Aug, | 11:43:22, | 0.003 |
| 246, | 06 Aug, | 11:44:22, | 00 |
| 247 , | 06 Aug, | 11:45:22, | 0.000 |
| 8 | 06 Aug, | 11:46:22, | . 000 |
| 249, | 06 Aug, | 11:47:22, | 0.000 |
| 250, | 06 Aug, | 11:48:22, | 0.001 |
| 251, | 06 Aug, | 11:49:22, | 0.000 |
| 252, | 06 Aug, | 11:50:22, | 0.000 |
| 253, | 06 Aug, | 11:51:22, | 0.000 |
| 254, | 06 Aug, | 11:52:22, | 0.000 |
| 255, | 06 Aug, | 11:53:22, | 0.000 |
| 256, | 06 Aug, | 11:54:22, | 0.000 |
| 257, | 06 Aug, | 11:55:22, | 0.000 |
| 258, | 06 Aug, | 11:56:22, | 0.000 |
| 5, | 06 Aug, | 11:57:22, | 0.000 |
| 260, | 06 Aug, | 11:58:22, | 0.000 |
| 61, | 06 Aug, | 11:59:22, | 0.000 |
| 62, | 06 Aug, | 12:00:22, | 0.000 |
| 63, | 06 Aug, | 12:01:22, | 0.000 |
| 264, | 06 Aug, | 12:02:22, | 0.000 |
| 265, | 06 Aug, | 12:03:22, | 0.000 |
| 266, | 06 Aug, | 12:04:22, | 0.000 |
| 267. | 06 Aug, | 12:05:22, | 0.000 |
| 268, | 06 Aug, | 12:06:22, | 0.000 |
| 269, | 06 Aug, | 12:07:22, | 0.000 |
| 270, | 06 Au | 12:08: | 0.000 |


|  | A |  |  |
| :---: | :---: | :---: | :---: |
| 272 | 06 A | 12:10:22, |  |
| 273, | 06 Aug, |  |  |
|  | 06 Aug | 12:12:22, | 0.000 |
| 275, | 06 Aug |  | 0 |
| 76 | 06 Aug, | 12:14:22, | 0.000 |
| 277, | 06 Aug |  | 1 |
| 78 | 06 Aug, | 12:16:22, | 04 |
| 279, | 06 Aug | 12:17:22 |  |
| 0, | 06 Aug |  | 0.000 |
| 1 | 06 Au | 12:19:22, |  |
| 2 | 06 Aug |  | 0.000 |
| 3 | 06 Aug | 12:21:22 |  |
| , | 06 Aug | 12:22:22 | 0.002 |
| 5 | 06 Aug | 12:23:22, | 1 |
| 286, | 06 Aug | 12:24:22 | 0 |
| 87. | 06 Aug |  | 0.000 |
| 288, | 06 Au | 12:26:22 | 0 |
| 89. | 06 Aug |  | 0.000 |
| 290, | 06 Aug | 12:28:22, |  |
| , | 06 Aug |  | 0.000 |
| 2, | 06 Aug | 12:30:22, |  |
|  | 06 Aug, |  | 0 |
| 294, | 06 Aug | 12:32:22, |  |
|  | 06 Aug |  | 00 |
| 6 | 06 Aug | 12:34:22, | . 001 |
| 297, | 06 A |  | 00 |
| 9, | 06 Aug |  | 0 |
| 9, | 06 Aug | 12:37:22, | 0 |
| 0, | 06 Aug |  | 0 |
| 301, | 06 Aug | 12:39:22, | 0 |
| 2, | 06 Aug |  | 0 |
| 3, | 06 Aug | 12:41:22, |  |
| , | 06 Aug |  | 0, |
| 305, | 06 Aug | 12:43:22, | 1 |
| 306, | 06 A |  | 0.000 |
| 307, | 06 Aug |  | 0 |
| 08, | 06 Aug | 12:46:22, | 0.000 |
| 309, | 06 Aug | 12:47:22, | 0.000 |
| 10, | 06 Aug | 12:48:22, | 0.000 |
| 311, | 06 Au |  | 0 |
| 2, | 06 Aug | 12:50:22, | 0 |
| 313, | 06 Aug | 12:51:22, | 0.000 |
| 314, | 06 Aug, | 12:52:22, |  |
| , | 06 Aug, | 12:53:22, | 0.000 |
| 316, | 06 Aug, |  | 0 |
| 317, | 06 Aug, | 12:55:22, | 0.000 |
| 318, | 06 Aug |  | 02 |
| 319 , | 06 Aug, | 12:57:22, | 0.000 |
| , | 06 Aug |  | 1 |
| 1, | 06 Aug, | 12:59:22, | 0.000 |
| 322, | 06 Aug, |  | 00 |
| 3, | 06 Aug, | 13:01:22, |  |
| , | 06 Aug, | 13:02:22, | 00 |
| 5, | 06 Aug, | 13:03:22, |  |
| 6, | 06 Aug, | 13:04:22, | 0 |
| 27, | 06 Aug, | 13:05:22, | - |
| 328, | 06 Aug, | 13:06:22, | 00 |
| 329, | 06 Aug, | 13:07:22, | 01 |
| 330, | 06 Aug, | 13:08:22, | 0 |
| 31, | 06 Aug, | 13:09:22, | . 0 |
| 32, | 06 Aug, | 13:10:22, | 0 |
| 333, | 06 Aug, | 13:11:22, | 000 |
| 34. | 06 Aug, | 13:12:22, | 00 |
| 335, | 06 Aug, | 13:13:22, | 0.000 |
| 336, | 06 Aug, | 13:14:22, | 0.000 |
| 仡 | 06 Aug, | 13:15:22, | 0.000 |
| 38, | 06 Aug, | 13:16:22, | 0.000 |
| 339, | 06 Aug, | 13:17:22, | 0.000 |
| 340, | 06 Aug, | 13:18:22 | 0.000 |
| 341, | 06 Au | 13:19:22 | 0.004 |


|  | Aug, | 2, | U.0U0 |
| :---: | :---: | :---: | :---: |
| 343, | 06 Aug, | 13:21:22, | 0.000 |
| 344, | 06 Aug, | 13:22:22, | 0.000 |
| 345, | 06 Aug, | 13:23:22, | 0.000 |
| 346, | 06 Aug, | 13:24:22, | 0.001 |
| 347, | 06 Aug, | 13:25:22, | 0.000 |
| 348, | 06 Aug, | 13:26:22, | 0.000 |
| 349, | 06 Aug, | 13:27:22, | 0.000 |
| 350, | 06 Aug, | 13:28:22, | 0.000 |
| 351 | 06 Aug, | 13:29:22, | 0.000 |
| 352, | 06 Aug, | 13:30:22, | 0.000 |
| 353, | 06 Aug, | 13:31:22, | 0.001 |
| 35 | 06 Aug | 13:32:22, | 0.000 |
| 355, | 05 Aug, | 13:33:22, | 0.000 |
| 356, | 06 Aug, | 13:34:22, | 0.000 |
| 357, | 06 Aug, | 13:35:22, | 0.000 |
| 358, | 06 Aug, | 13:36:22, | 0.000 |
| 359, | 06 Aug, | 13:37:22, | 0.000 |
| 360, | 06 Aug, | 13:38:22, | 0.000 |
| 61, | 06 Aug, | 13:39:22, | 0.000 |
| 362, | 06 Aug, | 13:40:22, | 0.000 |
| 363, | 06 Aug, | 13:41:22, | 0.000 |
| 364, | 06 Aug, | 13:42:22, | 0.000 |
| 365, | 06 Aug, | 13:43:22, | 0.000 |
| 366, | 06 Aug, | 13:44:22, | 0.001 |
| 367, | 06 Aug, | 13:45:22, | 0.000 |
| 368, | 06 Aug, | 13:46:22, | 0.000 |
| 369, | 06 Aug, | 13:47:22, | 0.000 |
| 370, | 06 Aug, | 13:48:22, | 0.000 |
| 371, | 06 Aug, | 13:49:22, | 0.000 |
| 72, | 06 Aug, | 13:50:22, | 0.000 |
| 373, | 06 Aug, | 13:51:22, | 0.000 |
| 374, | 06 Aug, | 13:52:22, | 0.000 |
| 375, | 06 Aug, | 13:53:22, | 0.000 |
| 376, | 06 Aug, | 13:54:22, | 0.000 |
| 77, | 06 Aug, | 13:55:22, | 0.002 |
| 378, | 06 Aug, | 13:56:22, | 0.002 |
| 379, | 06 Aug, | 13:57:22, | 0.000 |
| 380, | 06 Aug, | 13:58:22, | 0.001 |
| 381, | 06 Aug, | 13:59:22, | 0.000 |
| 382, | 06 Aug, | 14:00:22, | 0.000 |
| 383, | 06 Aug, | 14:01:22, | 0.000 |
| 84, | 06 Aug, | 14:02:22, | 0.000 |
| 5, | 06 Aug, | 14:03:22, | 0.000 |
| 386, | 06 Aug, | 14:04:22, | 0.000 |
| 387, | 06 Aug, | 14:05:22, | 0.000 |
| 388, | 06 Aug, | 14:06:22, | 0.001 |
| 389, | 06 Aug, | 14:07:22, | 0.000 |
| 390, | 06 Aug, | 14:08:22, | 0.000 |
| 391, | 06 Aug, | 14:09:22, | 0.001 |
| 392, | 06 Aug, | 14:10:22, | 0.006 |
| 393, | 06 Aug, | 14:11:22, | 0.010 |
| 394, | 06 Aug, | 14:12:22, | 0.001 |
| 395, | 06 Aug, | 14:13:22, | 0.000 |
| 396, | 06 Aug, | 14:14:22, | 0.000 |
| 397, | 06 Aug, | 14:15:22, | 0.005 |
| 398, | 06 Aug , | 14:16:22, | 0.000 |
| 399, | 06 Aug, | 14:17:22, | 0.001 |
| 400, | 06 Aug, | 14:18:22, | 0.000 |
| 401, | 06 Aug, | 14:19:22, | 0.000 |
| 402, | 06 Aug, | 14:20:22, | 0.014 |
| 403, | 06 Aug, | 14:21:22, | 0.000 |
| 4 | 06 Aug, | 14:22:22, | 0.000 |
| 405 | 06 Au | 14:23:22 | 0.008 |


Number: 06
Number of logged points: 406
Start time and date: 09:36:29 12-Aug
Elapsed time: 06:46:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.225 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 09:56:32 Aug 12
Max STEL Concentration: $0.075 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 13:55:00 Aug 12
Overall Avg Conc: $0.028 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , 1, 12 Aug, 09:37:29,

Avg. (mg/m ${ }^{3}$ )
2, 12 Aug, 09:38:29, 0.017
3, 12 Aug, 09:39:29, 0.013
4, 12 Aug, 09:40:29, 0.014
5, 12 Aug, 09:41:29, 0.028
6, 12 Aug, 09:42:29, 0.020
7, 12 Aug, 09:43:29, 0.051
8, 12 Aug, 09:44:29, 0.064
9, 12 Aug, 09:45:29, 0.036

| 10,12 Aug, 09:46:29, | 0.033 |
| :--- | :--- | :--- |
| 11,12 Aug, 09:47:29, | 0.031 |

12, 12 Aug, 09:48:29, 0.015
13, 12 Aug, 09:49:29, 0.012
14, 12 Aug, 09:50:29, 0.011

15, 12 Aug, 09:51:29, 0.021
16, 12 Aug, 09:52:29, 0.016
17, 12 Aug, $09: 53: 29,0.015$

18, 12 Aug, 09:54:29, 0.022
$\begin{array}{lll}\text { 19, } 12 \text { Aug, } 09: 55: 29, & 0.020 \\ 20,12 \text { Aug, } 09: 56: 29, & 0.055\end{array}$
21, 12 Aug, 09:57:29, 0.049
23, 12 Aug, 09:59:29, 0.014
24, 12 Aug, 10:00:29, 0.011
25, 12 Aug, 10:01:29, 0.009
26, 12 Aug, 10:02:29, 0.017
27, 12 Aug, 10:03:29, 0.015
28, 12 Aug, 10:04:29, 0.013
29, 12 Aug, 10:05:29, 0.008
30, 12 Aug, 10:06:29, 0.009
31, 12 Aug, 10:07:29, 0.011
32, 12 Aug, 10:08:29, 0.013

| 33,12 Aug, | $10: 09: 29$, | 0.015 |
| :--- | :--- | :--- |
| 34 | 12 Aug, $10: 10: 29$, | 0.018 |

35, 12 Aug, 10:11:29, 0.022
36, 12 Aug, 10:12:29, 0.022
37, 12 Aug, $10: 13: 29,0.029$
38, 12 Aug, $10: 14: 29,0.025$
39, 12 Aug, 10:15:29, 0.022
40,12 Aug, $10: 16: 29,0.022$
41,12 Aug, $10: 17: 29,0.027$

42, 12 Aug, 10:18:29, 0.028
43, 12 Aug, 10:19:29, 0.030
44,12 Aug, $10: 20: 29,0.033$
45, 12 Aug, 10:21:29, 0.032
46,12 Aug, $10: 22: 29,0.024$
47, 12 Aug, $10: 23: 29,0.034$

48, 12 Aug, 10:24:29, 0.029
49, 12 Aug, $10: 25: 29,0.032$
50, 12 Aug, $10: 26: 29,0.028$
51, 12 Aug, 10:27:29, 0.026
52, 12 Aug, 10:28:29, 0.024
53, 12 Aug, 10:29:29, 0.023
54, 12 Aug, 10:30:29, 0.028
55, 12 Aug, $10: 31: 29,0.031$
56, 12 Aug, 10:32:29, 0.026
57, 12 Aug, 10:33:29, 0.022

|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 59, | 12 Aug, | 10:35:29, | 0.027 |
| 60 , | 12 Aug, | 10:36:29, | 0.026 |
| 61, | 12 Aug, | 10:37:29, | 0.021 |
| 62, | 12 Aug, | 10:38:29, | 0.021 |
| 63. | 12 Aug , | 10:39:29, | 0.017 |
| 64. | 12 Augr | 10:40:29, | 0.022 |
| 65. | 12 Aug | 10:41:29, | 20 |
| 66, | 12 Aug | 10:42:29, | 0.013 |
| 67. | 12 Aug | 10:43:29, | 7 |
| 68, | 12 Aug, | 10:44:29, | 0.019 |
| 69, | 12 Aug, | 10:45:29 | 0.020 |
| 70, | 12 Aug, | 10:46:29, | 0.019 |
| 71, | 12 Aug, | 10:47:29, | 0.017 |
| 72, | 12 Aug, | 10:48:29, | 0.015 |
| 73, | 12 Aug, | 10:49:29, | 0.019 |
| 74, | 12 Aug, | 10:50:29, | 0.019 |
| 75, | 12 Aug, | 10:51:29, | 0.014 |
| 76, | 12 Aug, | 10:52:29, | 0.010 |
| 77, | 12 Aug, | 10:53:29, | 0.016 |
| 78, | 12 Aug, | 10:54:29, | 0.021 |
| 79, | 12 Aug, | 10:55:29, | 0.017 |
| 80, | 12 Aug, | 10:56:29, | 0.018 |
| 81 | 12 Aug, | 10:57:29, | 0.018 |
| , | 12 Aug, | 10:58:29, | 0.019 |
| 83, | 12 Aug, | 10:59:29, | 0.015 |
| 84, | 12 Aug, | 11:00:29, | 0.018 |
| 85, | 12 Aug, | 11:01:29, | 0.019 |
| 86, | 12 Aug, | 11:02:29, | 0.021 |
| 87, | 12 Aug, | 11:03:29, | 0.019 |
| 88, | 12 Aug, | 11:04:29, | 0.022 |
| 9 | 12 Aug, | 11:05:29, | 0.020 |
| 90, | 12 Aug, | 11:06:29, | 0.024 |
|  | 12 Aug, | 11:07:29, | 0.024 |
| 92. | 12 Aug, | 11:08:29, | 0.022 |
| 93, | 12 Aug, | 11:09:29, | 0.018 |
| 94, | 12 Aug, | 11:10:29, | 0.023 |
| 95 | 12 Aug, | 11:11:29, | 0.022 |
| 96, | 12 Aug, | 11:12:29, | 221 |
| 7 | 12 Aug, | 11:13:29, | 0.020 |
| 98, | 12 Aug, | 11:14:29, | 0.020 |
| 99, | 12 Aug, | 11:15:29, | . 018 |
| 100, | 12 Aug, | 11:16:29, | 0.017 |
| 101, | 12 Aug, | 11:17:29, | 015 |
| 102, | 12 Aug, | 11:18:29, | 0.017 |
| 103, | 12 Aug, | 11:19:29, | 0.018 |
| 104, | 12 Aug, | 11:20:29, | 0.016 |
| 105, | 12 Aug, | 11:21:29, | 0.016 |
| 106, | 12 Aug, | 11:22:29, | 0.017 |
| 107, | 12 Aug, | 11:23:29, | 0.016 |
| 108, | 12 Aug, | 11:24:29, | 0.018 |
| 109, | 12 Aug, | 11:25:29, | 0.020 |
| 110, | 12 Aug, | 11:26:29, | 0.020 |
| 111, | 12 Aug, | 11:27:29, | 0.018 |
| 112, | 12 Aug, | 11:28:29, | 0.023 |
| 113, | 12 Aug, | 11:29:29, | . 018 |
| 114, | 12 Aug, | 11:30:29, | 0.014 |
| 115, | 12 Aug, | 11:31:29, | 0.018 |
| 116, | 12 Aug, | 11:32:29, | 0.020 |
| 117, | 12 Aug, | 11:33:29, | 0.019 |
| 118, | 12 Aug, | 11:34:29, | 0.020 |
| 119, | 12 Aug, | 11:35:29, | 0.022 |
| 120, | 12 Aug, | 11:36:29, | 0.018 |
| 121, | 12 Aug, | 11:37:29, | 0.022 |
| 122, | 12 Aug, | 11:38:29, | 0.027 |
| 123, | 12 Aug, | 11:39:29, | 0.027 |
| 124. | 12 Aug, | 11:40:29, | 0.029 |
| 125, | 12 Aug, | 11:41:29, | 0.029 |
| 126, | 12 Aug, | 11:42:29, | 0.027 |
| 127, | 12 Aug, | 11:43:29, | 0.025 |
| 128, | 12 Aug, | 11:44:29, | 0.024 |


|  | $1 \angle \mathrm{Aug}$, |  | U. $0<0$ |
| :---: | :---: | :---: | :---: |
| , | 12 Aug, | 11:46:29, | 0.029 |
| 131, | 12 Aug, | 11:47:29, | 0.034 |
| 132, | 12 Aug , | 11:48:29, | 0.031 |
| 133, | 12 Aug, | 11:49:29, | 0.035 |
| 134, | 12 Aug, | 11:50:29, | 0.041 |
| 135 | 12 Aug | 11:51:29, | 0.037 |
| 136 | 12 Aug, | 11:52:29 | 0.037 |
| 137. | 12 Aug | 11:53:29, | 0.038 |
| 138 | 12 Aug | 11:54:29 | 0.034 |
| 139. | 12 Aug | 11:55:29 |  |
| 140, | 12 Aug | 11:56:29 | 0.042 |
| 141, | 12 Aug, | 11:57:29, | 0.038 |
| 142, | 12 Aug | 11:58:29, | 0.042 |
| 143, | 12 Aug, | 11:59:29, | 0.040 |
| 144, | 12 Aug | 12:00:29, | 0.036 |
| 45 , | 12 Aug, | 12:01:29 | 0.029 |
| 46 | 12 Aug | 12:02:29, | 0.031 |
| 7 | 12 Aug | 12:03:29 | 0.037 |
| 148. | 12 Aug, | 12:04:29, | 0.036 |
| 9 , | 12 Aug, | 12:05:29 | 0.032 |
| 150 | 12 Aug, | 12:06:29, | 0.035 |
|  | 12 Au | 12:07:29, | 35 |
| 152, | 12 Aug | 12:08:29, | 35 |
| 153, | 12 Au | 12:09:29, | . 042 |
| 154 | 12 Aug, | 12:10:29, | 50 |
| 155 | 12 Aug | 12:11:29, | 1 |
| 156, | 12 Aug, | 12:12:29 | 9 |
| 157, | 12 Aug , | 12:13:29, | 0.047 |
| 158, | 12 Aug, | 12 | 0.052 |
| 159, | 12 Aug, | 12:15:29, | 53 |
|  | 12 Au | 12:16:29, | 0.046 |
| 61. | 12 Aug, | 12:17:29, | 50 |
| 62 | 12 Aug, | 12:18:29, | 0.053 |
| 163, | 12 Aug, | 12:19:29 | 7 |
| , | 12 Aug | 12:20:29 | 0.047 |
| 165, | 12 Aug, | 12:21:29 | 0.047 |
| 166, | 12 Aug | 12:22:29 | 0.054 |
| 167 , | 12 Aug |  | 0 |
| 168. | 12 Aug | 12:24:29, | 0.047 |
| 169, | 12 Aug | 12:25:29, | 0.050 |
| 170, | 12 Aug, | 12:26:29, | 0.050 |
| 171, | 12 Aug | 12:27:29, | 0.051 |
| 172, | 12 Aug | 12:28:29 | 51 |
| 173, | 12 Aug | 12:29:29, | 0.048 |
| 174 | 12 Aug, | 12:30:29, | 0.047 |
| 175, | 12 Aug, | 12:31:29, | 0.044 |
| 6, | 12 Aug | 12:32:29, | 0.050 |
| , | 12 Aug | 12:33:29, | 0.046 |
| 8, | 12 Aug, | 12:34:29, | 0.045 |
| 179, | 12 Aug, | 12:35:29, | 0.052 |
| 180, | 12 Aug | 12:36:29, | 0.043 |
| 181, | 12 Aug, | 12:37:29, | 0.044 |
| 182, | 12 Aug, | 12:38:29, | 0.045 |
| 183, | 12 Aug, | 12:39:29, | 0.042 |
| 184, | 12 Aug, | 12:40:29 | 0.042 |
| 185, | 12 Aug, | 12:41:29, | 0.046 |
| 186, | 12 Aug, | 12:42:29, | 0.049 |
| , | 12 Aug, | 12:43:29, | 0.042 |
| 188, | 12 Aug, | 12:44:29, | 0.041 |
| 189, | 12 Aug, | 12:45:29, | 0.040 |
| 190, | 12 Aug, | 12:46:29, | 0.042 |
| 19 | 12 Aug, | 12:47:29, | 0.043 |
| 192, | 12 Aug, | 12:48:29, | 0.043 |
| 193 | 12 Aug, | 12:49:29, | 0.038 |
| 194, | 12 Aug, | 12:50:29, | 0.039 |
| 195, | 12 Aug, | 12:51:29, | 0.038 |
| 196, | 12 Aug, | 12:52:29, | 0.039 |
| 197, | 12 Aug, | 12:53:29, | 0.040 |
| 198 | 12 Aug, | 12:54:29, | 0.043 |
| 199, | 12 Aug, | 12:55:29, | 0.040 |


|  |  |  | 4.030 |
| :---: | :---: | :---: | :---: |
|  | 12 Aug, | 12:57:29, | 0.035 |
| 02, | 12 Aug, |  | 0. |
| 03, | 12 Aug | 12:59:29, |  |
| 204. | 12 Aug, | 13:00:29, | 0.037 |
| 05, | 12 Aug, | 13:01:29, | 0.037 |
| 6 | 12 Aug | 13:02:29, | 0.035 |
| 07. | 12 Aug, | 13:03:29, | 0.040 |
| 8 | 12 Aug | 13:04:29, | 37 |
| 09 | 12 Aug, | 13:05:29, | 0.040 |
| 0, | 12 Aug | 13:06:29, |  |
| 1 | 12 Aug | 13:07:29 | 5 |
| 212, | 12 Aug | 13:08:29, | 41 |
| 213, | 12 Aug | 13:09:29 | . 039 |
| 214 | 12 Aug, | 13:10:29, | . 43 |
| 215, | 12 Aug, | 13:11:29, | 6 |
| 216, | 12 Aug, | 13:12:29, | 4 |
| 7, | 12 Aug | 13:13:29, | 48 |
| 218, | 12 Aug | 13:14:29, | 1 |
| 219, | 12 Au | 13:15:29, | 3 |
| 220, | 12 Aug | 13:16:29, | 0.044 |
| , | 12 Aug | 13:17:29, | 0.048 |
| 222, | 12 Aug | 13:18:29, | 46 |
| 223, | 12 Aug | 13:19:29, | 0.048 |
| 224, | 12 Aug | 13:20:29, | 0.047 |
| 225, | 12 Aug | 13:21:29, | 0.048 |
| 226, | 12 Aug | 13:22:29, | 41 |
| 227, | 12 Aug, | 13:23:29, | 0.042 |
| 28, | 12 Aug, | 13:24:29, | 0.045 |
| 229, | 12 Aug, | 13:25:29, | 0.043 |
| 30, | 12 Aug | 13:26:29, | 0.043 |
| 231, | 12 Aug | 13:27:29, | 0.043 |
| 232, | 12 Aug | 13:28:29, | 5 |
| 233, | 12 Aug, | 13:29:29, | 0.043 |
| 234, | 12 Aug, | 13:30:29, | 0 |
| 5 | 12 Aug, | 13:31:29, | . 051 |
| 236, | 12 Aug, | 13:32:29, | 0.057 |
| 237 , | 12 Aug | 13:33:29, | 0.055 |
| 238, | 12 Aug, | 13:34:29, | 57 |
| 239, | 12 Aug, | 13:35:29, | . 060 |
| 240, | 12 Aug, | 13:36:29, | 62 |
| 241, | 12 Aug, | 13:37:29, | 64 |
| 42, | 12 Aug, | 13:38:29, | 066 |
| 243, | 12 Aug, | 13:39:29, | 5 |
| 244, | 12 Aug, | 13:40:29, | 0.063 |
| 245, | 12 Aug, | 13:41:29, | 0.069 |
| 246 , | 12 Aug, | 13:42:29, | 0.096 |
| 247, | 12 Aug, | 13:43:29, | 0.089 |
| 248, | 12 Aug, | 13:44:29, | 0.080 |
| 49, | 12 Aug, | 13:45:29, | 0.076 |
| 250, | 12 Aug, | 13:46:29, | 0.083 |
| 251, | 12 Aug, | 13:47:29, | 0.082 |
| 252, | 12 Aug, | 13:48:29, | 0.079 |
| 253, | 12 Aug, | 13:49:29, | 0.066 |
| 254, | 12 Aug, | 13:50:29, | 0.072 |
| 255, | 12 Aug, | 13:51:29, | 0.061 |
| 256, | 12 Aug, | 13:52:29, | 0.067 |
| 257, | 12 Aug, | 13:53:29, | 0.066 |
| 258, | 12 Aug, | 13:54:29, | 0.064 |
| 259, | 12 Aug, | 13:55:29, | 0.070 |
| 260, | 12 Aug, | 13:56:29, | 0.062 |
| 261, | 12 Aug, | 13:57:29, | 0.063 |
| 262, | 12 Aug, | 13:58:29, | 0.070 |
| 263, | 12 Aug, | 13:59:29, | 0.065 |
| 264, | 12 Aug, | 14:00:29, | 0.069 |
| 265, | 12 Aug, | 14:01:29, | 0.073 |
| 266, | 12 Aug, | 14:02:29, | 0.065 |
| 267, | 12 Aug, | 14:03:29, | 0.065 |
| 268, | 12 Aug, | 14:04:29, | 0.067 |
| 269, | 12 Aug , | 14:05:29, | 0.056 |
| 270, | 12 Au | 14:06:29, | 0.055 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 272, | 12 Au |  | 0.051 |
| 273, | 12 Aug | 14:09:29, | 0.054 |
| 74. | 12 Aug | 14:10:29, | 0.052 |
| 275 | 12 Aug | 14:11:29 | 0.049 |
| 6, | 12 Aug, | 14:12:29, | 0.045 |
| 77 | 12 Aug |  | 0 |
| 278, | 12 Aug | 14:14:29 | . 41 |
| 9 | 12 Aug | 14:15:29 | 9 |
| 80, | 12 Aug | 14:16:29 | 0.037 |
| 1 | 12 Au | 14:17:29, | 0.035 |
| 282 | 12 Aug | 14:18:29, | 29 |
| 83, | 12 Aug | 14:19:29, |  |
| 84, | 12 Aug | 14:20:29 | 28 |
| 285 | 12 Aug | 14:21:29, | 27 |
| 6, | 12 Au | 14:22:29 | 26 |
| 287, | 12 Aug, | 14:23:29, | 26 |
| 288, | 12 Aug | 14:24:29, | 25 |
| 289 . | 12 Aug | 14:25:29, | 25 |
| 290, | 12 A | 14:26:29, | 24 |
| 1, | 12 Aug, | 14:27:29 | 23 |
| 2 | 12 Aug | 14:28:29, | 4 |
| 93, | 12 Aug | 14:29:29, | 24 |
| 94, | 12 Aug | 14:30:29, | 23 |
| 9, | 12 Aug | 14 | 0.022 |
| 96, | 12 Aug | 14:32:29, | 23 |
| , | 12 Au | 14:33:29, | . 19 |
| 298, | 12 Aug | 14:34:29, | 6 |
| 99, | 12 Aug | 14:35:29, | 0.017 |
| 300 , | 12 Aug | 14:36:29, | 0.016 |
| 01, | 12 Aug | 14:37:29, | 0.018 |
| 302, | 12 Aug | 14 | 0.015 |
| 303, | 12 Aug | 14:39:29, | 0.015 |
| 4 | 12 Aug |  | 0.013 |
| 05 | 12 Aug | 14:41:29, | 15 |
| 6, | 12 Aug | 14:42:29, | 0.012 |
| 307 , | 12 Aug | 14:43:29, | 9 |
| 08, | 12 Aug | 14:44:29, | 0.010 |
| 309, | 12 Aug | 14:45:29 | 0.013 |
| 310, | 12 Aug | 14:46:29, | 0.017 |
| 311, | 12 Aug | 14:47:29, | 11 |
| 312, | 12 Aug | 14:48:29, | 11 |
| 13, | 12 Aug | 14:49:29, | 009 |
| 314, | 12 Aug, | 14:50:29, | 12 |
| 15, | 12 Aug | 14:51:29, | 0.011 |
| 316, | 12 Aug | 14:52:29 | 12 |
| 317 , | 12 Aug | 14:53:29 | 0.010 |
| 318, | 12 Aug | 14:54:29 | . 10 |
| 319, | 12 Aug | 14:55:29 | 08 |
| 20, | 12 Aug, | 14:56:29 | 010 |
| 321, | 12 Aug, | 14:57:29 | 09 |
| 22, | 12 Aug, | 14:58:29, | 011 |
| 323, | 12 Aug, | 14:59:29, | 析 |
| 24 | 12 Aug, | 15:00:29, | 07 |
| 325, | 12 Aug, | 15:01:29 | 0.010 |
| 326 , | 12 Aug, | 15:02:29, | 009 |
| 27, | 12 Aug, | 15:03:29, | 0.008 |
| 328, | 12 Aug, | 15:04:29, | 07 |
| 329 | 12 Aug, | 15:05:29, | 0.007 |
| 30, | 12 Aug, | 15:06:29, | 0.007 |
| 331, | 12 Aug, | 15:07:29, | 0.013 |
| 332, | 12 Aug, | 15:08:29, | 0.007 |
| , | 12 Aug, | 15:09:29, | 0.009 |
| 334, | 12 Aug, | 15:10:29, | 0.013 |
| 335, | 12 Aug, | 15:11:29, | 0.009 |
| 36, | 12 Aug, | 15:12:29, | 0.010 |
| 37, | 12 Aug, | 15:13:29, | 0.010 |
| 338, | 12 Aug, | 15:14:29, | 0.012 |
| 339, | 12 Aug, | 15:15:29, | 0.007 |
| 340, | 12 Aug, | 15:16:29, | 0.008 |
| 341, | 12 Aug, | 15:17:29, | 0. |


|  | Aug, |  |  |
| :---: | :---: | :---: | :---: |
| A3, | 12 Aug, | 15:19:29, | 0.007 |
| 4 | 12 Aug, | 15:20:29, | 0.007 |
| 45, | 12 Aug, | 15:21:29, | 0.009 |
| 46, | 12 Aug, | 15:22:29, | 08 |
| 347, | 12 Aug, | 15:23:29, | 0.007 |
| 48, | 12 Aug, | 15:24:29, | 07 |
| 49 , | 12 Aug, | 15:25:29, | 0.007 |
| 50, | 12 Aug, | 15:26:29, | 0.005 |
| 351, | 12 Aug, | 15:27:29, | 0.010 |
| 352, | 12 Aug, | 15:28:29, | 0.009 |
| 353, | 12 Aug, | 15:29:29, | 06 |
| 354, | 12 Aug, | 15:30:29, | 6 |
| 355 | 12 Aug, | 15:31:29, | 005 |
| 356, | 12 Aug, | 15:32:29, | 04 |
| 357, | 12 Aug, | 15:33:29, | 05 |
| 358, | 12 Aug, | 15:34:29, | 06 |
| 359, | 12 Aug, | 15:35:29, | . 005 |
| 360, | 12 Aug, | 15:36:29, | 5 |
| 361, | 12 Aug, | 15:37:29, | 0.004 |
| 362 , | 12 Aug | 15:38:29, | 0.004 |
| 363 , | 12 Aug, | 15:39:29, | 0.006 |
| 364 | 12 Aug | 15:40:29, | 4 |
| 365, | 12 Aug, | 15:41:29, | 0.005 |
| 366, | 12 Aug, | 15:42:29, | 5 |
| 367, | 12 Aug, | 15:43:29, | . 06 |
| 368, | 12 Aug, | 15:44:29, | 007 |
| 369, | 12 Aug | 15:45:29, | 0.006 |
| 370, | 12 Aug, | 15:46:29, | 006 |
| 371. | 12 Aug, | 15:47:29, | 0.007 |
| 372, | 12 Aug, | 15:48:29, | 0.006 |
| 373, | 12 Aug, | 15:49:29, | 06 |
| 374, | 12 Aug, | 15:50:29, | 004 |
| 375 | 12 Aug, | 15:51:29, | 5 |
| 376, | 12 Aug, | 15:52:29, | 005 |
| 377, | 12 Aug, | 15:53:29, | 0.005 |
| 378 | 12 Aug , | 15:54:29, | 0.005 |
| 379, | 12 Aug, | 15:55:29, | 05 |
| 380 | 12 Aug, | 15:56:29, | . 005 |
| 381 | 12 Aug, | 15:57:29, | 0.006 |
| 382, | 12 Aug, | 15:58:29, | 4 |
| 383, | 12 Aug, | 15:59:29, | 0.006 |
| 384, | 12 Aug, | 16:00:29, | 0.006 |
| 385, | 12 Aug, | 16:01:29, | 0.005 |
| 386, | 12 Aug, | 16:02:29, | 0.004 |
| 387, | 12 Aug, | 16:03:29, | 0.006 |
| 388. | 12 Aug, | 16:04:29, | 0.005 |
| 389, | 12 Aug, | 16:05:29, | 0.006 |
| 390, | 12 Aug, | 16:06:29, | 0.005 |
| 391, | 12 Aug, | 16:07:29, | 0.006 |
| 392, | 12 Aug, | 16:08:29, | 0.011 |
| 393. | 12 Aug, | 16:09:29, | 5 |
| 394. | 12 Aug, | 16:10:29, | 0.005 |
| 395, | 12 Aug, | 16:11:29, | 0.005 |
| 396, | 12 Aug, | 16:12:29, | 0.005 |
| 397, | 12 Aug, | 16:13:29, | 0.006 |
| 398. | 12 Aug, | 16:14:29, | 0.005 |
| 399, | 12 Aug, | 16:15:29, | 0.005 |
| 400 , | 12 Aug, | 16:16:29, | 0.004 |
| 401, | 12 Aug, | 16:17:29, | 0.006 |
| 402, | 12 Aug, | 16:18:29, | 0.006 |
| 403, | 12 Aug, | 16:19:29, | 0.008 |
| 404, | 12 Aug, | 16:20:29, | 0.007 |
| 405, | , 12 Aug, | 16:21:29, | 0.007 |
| 406 , | 12 Aug, | 16:22:29, | 0.006 |

Tag Number: 07
Number of logged points: 432
Start time and date: 08:02:03 13-Aug
E1apsed time: 07:12:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.149 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 09:45:02 Aug 13
Max STEL Concentration: $0.015 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 09:47:04 Aug 13
Overall Avg Conc: $0.004 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$

1, 13 Aug, 08:03:03, 0.016 2, 13 Aug, 08:04:03, 0.012
3, 13 Aug, 08:05:03, 0.015
4, 13 Aug, 08:06:03, 0.014
5, 13 Aug, 08:07:03, 0.014
6, 13 Aug, 08:08:03, 0.013
7, 13 Aug, 08:09:03, 0.009
8, 13 Aug, 08:10:03, 0.010
9, 13 Aug, 08:11:03,
0.010
0.011
$\begin{array}{lll}11,13 \text { Aug, } 08: 13: 03, & 0.012 \\ 12,13 \text { Aug, } 08: 14: 03, & 0.015\end{array}$
13, 13 Aug, 08:15:03, 0.012
14, 13 Aug, 08:16:03, 0.013
15, 13 Aug, 08:17:03, 0.014
16, 13 Aug, 08:18:03, 0.012
$\begin{array}{lll}\text { 17, } 13 \text { Aug, 08:19:03, } & 0.011 \\ 18,13 \text { Aug, 08:20:03, } & 0.010\end{array}$
19, 13 Aug, 08:21:03, 0.015
20, 13 Aug, 08:22:03, 0.011
21, 13 Aug, 08:23:03, 0.013
22, 13 Aug, 08:24:03, 0.012
$\begin{array}{ll}23,13 \text { Aug, 08:25:03, } & 0.011 \\ 24,13 \text { Aug, 08:26:03, } 0.012\end{array}$
25, 13 Aug, 08:27:03, 0.012
$\begin{array}{lll}26,13 \text { Aug, } 08: 28: 03, & 0.012 \\ 27,13 \text { Aug, } 08: 29: 03, & 0.016\end{array}$
28, 13 Aug, 08:30:03, 0.012
29, 13 Aug, 08:31:03, 0.011
30, 13 Aug, 08:32:03, 0.013
31, 13 Aug, $08: 33: 03,0.012$
32, 13 Aug, 08:34:03, 0.013
33, 13 Aug, 08:35:03, 0.010
34, 13 Aug, 08:36:03, 0.013
35, 13 Aug, 08:37:03, 0.012
36, 13 Aug, 08:38:03, 0.013
37, 13 Aug, 08:39:03, 0.014
38, 13 Aug, 08:40:03, 0.012
39, 13 Aug, 08:4.1:03, 0.014

40, 13 Aug, 08:42:03, 0.014
41, 13 Aug, 08:43:03, 0.014
42, 13 Aug, 08:44:03, 0.012
43, 13 Aug, 08:45:03, 0.012
44, 13 Aug, 08:46:03, 0.012
45, 13 Aug, 08:47:03, 0.011
46, 13 Aug, 08:48:03, 0.011
47, 13 Aug, 08:49:03, 0.011
48, 13 Aug, 08:50:03, 0.012
49, 13 Aug, 08:51:03, 0.014
50, 13 Aug, 08:52:03, 0.010
51, 13 Aug, 08:53:03, 0.009
52, 13 Aug, 08:54:03, 0.010
53, 13 Aug, 08:55:03, 0.010
54, 13 Aug, 08:56:03, 0.011
55, 13 Aug, 08:57:03, 0.009
56, 13 Aug, 08:58:03, 0.009
57, 13 Aug, 08:59:03, 0.010

|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 13 Aug, | 09:01:03, | 0.012 |
| 0 , | 13 Aug, | 09:02:03, | 0.009 |
| 61, | 13 Aug, | 09:03:03, | 0.007 |
| 62, | 13 Aug | 09:04:03, | 0.008 |
| 63, | 13 Aug, | 09:05:03, | 0.008 |
| 64 | 13 Aug, | 09:06:03, | 0.009 |
| 65. | 13 Aug, | 09:07:03 | 0.010 |
| 66, | 13 Au | 09:08:03, | 0.009 |
| , | 13 Aug, | 09:09:03 | 0.008 |
| 68, | 13 Aug, | 09:10:03, | 0.011 |
| 69. | 13 Aug, | 09:11:03 | 0.010 |
| 70, | 13 Aug, | 09:12:03, | 0.008 |
| 71, | 13 Aug, | 09:13:03 | 0.010 |
| 72, | 13 Aug, | 09:14:03, | 0.011 |
| 73. | 13 Aug | 09:15:03, | 0.010 |
| 74, | 13 Aug, | 09:16:03, | 0.015 |
|  | 13 Aug, | 09:17:03, | 0.015 |
| 76, | 13 Aug, | 09:18:03, | 0.014 |
| 77, | 13 Aug, | 09:19:03, | 0.010 |
| 78, | 13 Aug, | 09:20:03, | 0.017 |
| 79, | 13 Aug, | 09:21:03, | 0.015 |
| 80, | 13 Aug, | 09:22:03 | 0.010 |
| 81, | 13 Aug, | 09:23:03, | 0.013 |
| 82, | 13 Aug, | 09:24:03 | 0.012 |
| 83, | 13 Aug, | 09:25:03, | 11 |
|  | 13 Aug, | 09:26:03, | 0.013 |
| 85. | 13 Aug, | 09:27:03, | 12 |
| 86, | 13 Aug, | 09:28:03, | 0.011 |
| 87. | 13 Aug, | 09:29:03 | 13 |
| 88, | 13 Aug | 09:30:03 | 0.014 |
| 89, | 13 Aug, | 09:31:03 | 0.014 |
| 90, | 13 Aug, | 09:32:03, | 0.011 |
|  | 13 Aug | 09:33:03 | 0.010 |
| 92, | 13 Aug, | 09:34:03, | 0.016 |
| 93, | 13 Aug | 09:35:03, | 0.014 |
| 94. | 13 Aug, | 09:36:03, | 0.013 |
|  | 13 Aug, | 09:37:03, | 0.013 |
| 96, | 13 Aug, | 09:38:03, | 13 |
| 97. | 13 Aug, | 09:39:03 | 0.016 |
| 98, | 13 Aug, | 09:40:03, | 12 |
| 99, | 13 Aug, | 09:41:03, | 0.017 |
| 00, | 13 Aug | 09: 42:03, | 0.009 |
| 101, | 13 Aug, | 09:43:03, | 0.009 |
| 02, | 13 Aug, | 09:44:03, | 0.013 |
| 03, | 13 Aug | 09:45:03, | 0.030 |
| 04, | 13 Aug, | 09:46:03, | 0.019 |
| 105, | 13 Aug, | 09:47:03 | 0.013 |
| 106, | 13 Aug, | 09:48:03, | 0.008 |
| 107 | 13 Aug | 09:49:03 | 0.004 |
| 108, | 13 Aug | 09:50:03, | 0.008 |
| 109, | 13 Aug, | 09:51:03, | 0.004 |
| 110, | 13 Aug, | 09:52:03, | 0.005 |
| 111 | 13 Aug, | 09:53:03, | 0.007 |
| 112, | 13 Aug, | 09:54:03, | 0.003 |
| 113, | 13 Aug, | 09:55:03, | 0.003 |
| 114, | 13 Aug, | 09:56:03, | 0.003 |
| 115, | 13 Aug, | 09:57:03, | 0.008 |
| 116, | 13 Aug, | 09:58:03, | 0.003 |
| 117, | 13 Aug, | 09:59:03, | 0.004 |
| 118, | 3 Aug, | 10:00:03, | 0.005 |
| 119, | 13 Aug, | 10:01:03, | 0.006 |
| 120, | 3 Aug, | 10:02:03, | 0.005 |
| 121, | 13 Aug, | 10:03:03, | 0.007 |
| 122, | 3 Aug, | 10:04:03, | 0.005 |
| 123, | 13 Aug, | 10:05:03, | 0.006 |
| 124 | 13 Aug, | 10:06:03, | 0.012 |
| 125, | 13 Aug, | 10:07:03, | 0.008 |
| 126, | 13 Aug, | 10:08:03, | 0.007 |
| 127, | 13 Aug, | 10:09:03, | 0.013 |
| 128, | 13 Aug, | 10:10:03, | 0.009 |


|  | 13 H |  |  |
| :---: | :---: | :---: | :---: |
| , | 13 Au |  | 3 |
| 1. | 13 Aug, | 10:13:03, | 0.007 |
| 32, | 13 Aug |  | 0.015 |
| 133, | 13 Au | 10:15:03, | 0.002 |
| 134 | 13 Aug, | 10:16:03, | 0.002 |
| 135, | 13 Aug, | 10:17:03, | 01 |
| , | 13 Aug | 10:18:03, | 001 |
| 137, | 13 Aug, | 10:19:03 | 0.003 |
| 38, | 13 Aug | 10:20:03 | 0.001 |
| 139, | 13 Aug | 10:21:03 | 0.000 |
| 140, | 13 Aug, | 10:22:03, | 0.009 |
| 1 | 13 Aug | 10:23:03 | 0 |
| 42, | 13 Aug | 10:24:03 | . 01 |
| 3 | 13 Au | 10:25:03, | 0 |
| 44, | 13 Aug | 10:26:03, | 01 |
| 145, | 13 Aug | 10:27:03, | 0 |
| 146, | 13 Aug | 10:28:03, | 0 |
| 7 | 13 Aug | 10:29:03, | 0.003 |
| 48, | 13 Aug | 10:30:03 | 02 |
| 149, | 13 Aug | 10:31:03, | 01 |
| 0, | 13 Aug | 10:32:03, | 002 |
| 151, | 13 Aug | 10:33:03, | 00 |
| 52, | 13 Aug, | 10:34:03, | 00 |
| 153, | 13 Aug | 10:35:03, | 00 |
| 154, | 13 A | 10:36:03, | 00 |
| 155 | 13 Aug | 10:37:03, | 000 |
| , | 13 Aug | 10:38:03, | 0.000 |
| 157 , | 13 Aug | 10:39:03, | 0.000 |
| 158, | 13 Aug | 10:40:03, | 0.000 |
| 159, | 13 Aug | 10 | 0.000 |
| 160, | 13 Aug | 10:42:03, | 0.001 |
| 161, | 13 Aug | 10:43:03, | 0.000 |
| 162, | 13 Aug | 10:44:03, | 0.002 |
| 63. | 13 Au | 10:45:03, | 0.000 |
| 164, | 13 Aug, | 10:46:03, | 0.001 |
| 65 | 13 Aug | 10:47:03, | 0.002 |
| 166, | 13 Aug | 10:48:03, | 01 |
| 167, | 13 Aug | 10:49:03, | 01 |
| 168, | 13 Aug, | 10:50:03, | 02 |
| 169, | 13 Aug | 10:51:03, | 1 |
| 70, | 13 Aug | 10:52:03, | 01 |
| 71. | 13 Aug | 10:53:03, | . 001 |
| 72. | 13 Aug, | 10:54:03, | 0.004 |
| 173, | 13 Aug | 10:55:03, | 02 |
| 74 | 13 Aug | 10:56:03, | 0.000 |
| 175, | 13 Aug | 10:57:03, | 02 |
| 176 | 13 Aug, | 10:58:03, | 0.003 |
| 177, | 13 Aug, | 10:59:03, | 01 |
| 178, | 13 Aug, | 11:00:03, | 02 |
| 79 | 13 Aug, | 11:01:03, | 0.004 |
| 180, | 13 Aug, | 11:02:03, | 0.005 |
| 181, | 13 Aug, | 11:03:03, | 0.010 |
| 182, | 13 Aug, | 11:04:03, | 0.00 |
| 183, | 13 Aug, | 11:05:03, | 0.003 |
| 184, | 13 Aug, | 11:06:03, | 0.00 |
| 185, | 13 Aug, | 11:07:03, | 0.002 |
| 186, | 13 Aug, | 11:08:03, | 0.002 |
| 187, | 13 Aug, | 11:09:03, | 0. |
| 188, | 13 Aug, | 11:10:03, | 0.002 |
| 189, | 13 Aug, | 11:11:03, | 0.001 |
| 190, | 13 Aug, | 11:12:03, | 0.003 |
| 191, | 13 Aug, | 11:13:03, | 0.005 |
| 192, | 13 Aug, | 11:14:03, | 0.007 |
| 193, | 13 Aug, | 11:15:03, | . 005 |
| 194, | 13 Aug, | 11:16:03, | 0.002 |
| 195, | 13 Aug, | 11:17:03, | 0.001 |
| 196, | 13 Aug, | 11:18:03, | 0.001 |
| 197, | 13 Aug, | 11:19:03, | . 002 |
| 198, | 13 Aug, | 11:20:03, | 0. |
| 199, | 13 Aug, | 11:21:03 | 0. |


|  | 1. muy, | 11:くく: U3, | u.vu1 |
| :---: | :---: | :---: | :---: |
| 201, | 13 Aug, | 11:23:03, | 0.001 |
| 02. | 13 Aug, | 11:24:03, | 0.002 |
| 203. | 13 Aug, | 11:25:03, | 00 |
| , | 13 Aug | 11:26:03 | 0.002 |
| 05 | 13 Aug | 11:27:03 | 0.001 |
| 06, | 13 Aug | 11:28:03 | 0.002 |
| 07 | 13 Aug | 11:29:03 | 2 |
| 08, | 13 Aug, | 11:30:03, | 0.007 |
| 209, | 13 Aug | 11:31:03 | 0.003 |
| 210, | 13 Aug, | 11:32:03, | 18 |
| 211, | 13 Aug, | 11:33:03, | 13 |
| 212, | 13 Aug, | 11:34:03, | 05 |
| 213, | 13 Aug, | 11:35:03, | 0.000 |
| 14 | 13 Aug, | 11:36:03 | 06 |
| 215, | 13 Aug, | 11:37:03, | 0.006 |
| 216, | 13 Aug, | 11:38:03 | 8 |
| 217, | 13 Aug, | 11:39:03, | 0.007 |
| 218, | 13 Aug, | 11:40:03, | 0.002 |
| 219, | 13 Aug, | 11:41:03, | . 05 |
| 220, | 13 Aug, | 11: 42:03, | 0.000 |
| 221 | 13 Aug, | 11:43:03, | 0.002 |
| 222, | 13 Aug, | 11:44:03, | 0.002 |
| 223, | 13 Aug , | 11:45:03, | 0.000 |
| 224 | 13 Aug, | 11:46:03, | 01 |
| 225, | 13 Aug, | 11: 47:03, | 0.015 |
| 226, | 13 Aug, | 11:48:03, | 03 |
| 227, | 13 Aug, | 11:49:03 | 0.001 |
| 228, | 13 Aug, | 11:50:03, | 01 |
| 229, | 13 Aug, | 11:51:03, | 0.002 |
| 230, | 13 Aug, | 11:52:03, | 0 |
| 1. | 13 Aug | 11:53:03, | 0.001 |
| 232, | 13 Aug, | 11:54:03, | 01 |
| 233, | 13 Aug, | 11:55:03, | 0.001 |
| 234, | 13 Aug, | 11:56:03, | 0 |
| 235, | 13 Aug, | 11:57:03, | 0.000 |
| 236, | 13 Aug, | 11:58:03, | 02 |
| 237, | 13 Aug, | 11:59:03, | 00 |
| 38, | 13 Aug, | 12:00:03, | 01 |
| 239, | 13 Aug, | 12:01:03, | 0 |
| 240, | 13 Aug, | 12:02:03, | 0.000 |
| 241, | 13 Aug, | 12:03:03, | 0 |
| 242, | 13 Aug, | 12:04:03, | 00 |
| 243, | 13 Aug, | 12:05:03, | 00 |
| 244, | 13 Aug, | 12:06:03, | 0.000 |
| 245, | 13 Aug, | 12:07:03, | 0.000 |
| 246, | 13 Aug, | 12:08:03, | 000 |
| 47, | 13 Aug | 12:09:03, | 0.000 |
| 248, | 13 Aug, | 12:10:03, | 0.000 |
| 249, | 13 Aug | 12:11:03, | 0.000 |
| 250, | 13 Aug, | 12:12:03, | 0.003 |
| 251, | 13 Aug, | 12:13:03, | 0.001 |
| 252, | 13 Aug , | 12:14:03, | 0.000 |
| 253, | 13 Aug, | 12:15:03, | 0.000 |
| 254, | 13 Aug, | 12:16:03, | 0.002 |
| 255, | 13 Aug, | 12:17:03, | 0.001 |
| 56, | 13 Aug, | 12:18:03, | 0.000 |
| 257, | 13 Aug, | 12:19:03, | 0.001 |
| 58, | 13 Aug, | 12:20:03, | 0.001 |
| 259, | 13 Aug, | 12:21:03, | 00 |
| 260, | 13 Aug, | 12:22:03, | 0.003 |
| 261, | 13 Aug, | 12:23:03, | O2 |
| 262, | 13 Aug, | 12:24:03, | 0.002 |
| 263, | 13 Aug, | 12:25:03, | , |
| 264, | 13 Aug, | 12:26:03, | 0.003 |
| 265, | 13 Aug, | 12:27:03, | 0.002 |
| 266, | 13 Aug, | 12:28:03, | 0.001 |
| 267, | 13 Aug, | 12:29:03, | 0.000 |
| 268 , | 13 Aug, | 12:30:03, | 0.000 |
| 269, | 13 Aug, | 12:31:03, | 0.000 |
| 270 | 13 Aug, | 12:32:03, | 00 |


| く11, | 15 Aug, | 3, | u.uvs |
| :---: | :---: | :---: | :---: |
| 272, | 13 Aug, 1 | 12:34:03, | 0.004 |
| 273, | 13 Aug, 1 | 12:35:03, | 0.003 |
| 274, | 13 Aug, | 12:36:03, | 0.017 |
| 275, | 13 Aug, 1 | 12:37:03, | 0.014 |
| 276, | 13 Aug, 1 | 12:38:03, | 0.001 |
| 277, | 13 Aug, | 12:39:03, | 0.001 |
| 278, | 13 Aug, | 12:40:03, | 0.000 |
| 279, | 13 Aug, | 12:41:03, | 0.000 |
| 280, | 13 Aug, | 12:42:03, | 0.000 |
| 281, | 13 Aug, | 12:43:03, | 0.000 |
| 282, | 13 Aug, | 12:44:03, | 0.001 |
| 283, | 13 Aug, | 12:45:03, | 0.002 |
| 284, | 13 Aug, | 12:46:03, | 0.000 |
| 285, | 13 Aug, | 12:47:03, | 0.001 |
| 286, | 13 Aug, | 12:48:03, | 0.000 |
| 287, | 13 Aug, | 12:49:03, | 0.000 |
| 288, | 13 Aug, | 12:50:03, | 0.001 |
| 289, | 13 Aug, | 12:51:03, | 0.000 |
| 290, | 13 Aug, | 12:52:03, | 0.000 |
| 291, | 13 Aug, | 12:53:03, | 0.000 |
| 292, | 13 Aug, | 12:54:03, | 0.000 |
| 293, | 13 Aug, | 12:55:03, | 0.000 |
| 294, | 13 Aug, | 12:56:03, | 0.000 |
| 295, | 13 Aug, | 12:57:03, | 0.000 |
| 296, | 13 Aug, | 12:58:03, | 0.000 |
| 297, | 13 Aug, | 12:59:03, | 0.000 |
| 298, | 13 Aug, | 13:00:03, | 0.004 |
| 299, | 13 Aug, | 13:01:03, | 0.002 |
| 300, | 13 Aug, | 13:02:03, | 0.000 |
| 301, | 13 Aug, | 13:03:03, | 0.001 |
| 302 , | 13 Aug, | 13:04:03, | 0.000 |
| 303, | 13 Aug, | 13:05:03, | 0.002 |
| 304, | 13 Aug, | 13:06:03, | 0.001 |
| 305, | 13 Aug, | 13:07:03, | 0.000 |
| 306, | 13 Aug, | 13:08:03, | 0.000 |
| 307. | 13 Aug, | 13:09:03, | 0.001 |
| 308, | 13 Aug, | 13:10:03, | 0.000 |
| 309, | 13 Aug, | 13:11:03, | 0.000 |
| 310, | 13 Aug, | 13:12:03, | 0.002 |
| 311, | 13 Aug, | 13:13:03, | 0.001 |
| 312, | 13 Aug, | 13:14:03, | 0.001 |
| 313, | 13 Aug, | 13:15:03, | 0.001 |
| 314, | 13 Aug, | 13:16:03, | 0.001 |
| 315, | 13 Aug, | 13:17:03, | 0.001 |
| 316, | 13 Aug, | 13:18:03, | 0.000 |
| 317, | 13 Aug, | 13:19:03, | 0.002 |
| 318, | 13 Aug, | 13:20:03, | 0.005 |
| 319, | 13 Aug, | 13:21:03, | 0.000 |
| 320, | 13 Aug, | 13:22:03, | 0.003 |
| 321, | 13 Aug, | 13:23:03, | 0.002 |
| 322, | 13 Aug, | 13:24:03, | 0.002 |
| 323, | 13 Aug, | 13:25:03, | 0.001 |
| 324, | 13 Aug, | 13:26:03, | 0.001 |
| 325, | 13 Aug, | 13:27:03, | 0.000 |
| 326, | 13 Aug, | 13:28:03, | 0.004 |
| 327 , | 13 Aug, | 13:29:03, | 0.004 |
| 328 , | 13 Aug, | 13:30:03, | 0.008 |
| 329, | , 13 Aug, | 13:31:03, | 0.001 |
| 330, | , 13 Aug, | 13:32:03, | 0.000 |
| 331, | , 13 Aug, | 13:33:03, | 0.002 |
| 332, | , 13 Aug, | 13:34:03, | 0.003 |
| 333, | , 13 Aug, | , 13:35:03, | 0.001 |
| 334, | , 13 Aug, | 13:36:03, | 0.000 |
| 335 | , 13 Aug, | , 13:37:03, | 0.000 |
| 336. | , 13 Aug, | , 13:38:03, | 0.000 |
| 337 | , 13 Aug, | , 13:39:03, | 0.000 |
| 338 | , 13 Aug, | , 13:40:03, | 0.000 |
|  | , 13 Aug, | , 13:41:03, | 0.001 |
| 340 | , 13 Aug, | , 13:42:03, | 0.001 |
|  | , 13 Aug, | , 13:43:03, | 0.000 |


| 24<, | 12 Auy, 1 13 Aug, 1 | $12: 44=03$, $13: 45: 03$, | u.vou 0.002 |
| :---: | :---: | :---: | :---: |
| 344 , | 13 Aug, 1 | 13:46:03, | 0.000 |
| 345, | 13 Aug, 1 | 13:47:03, | 0.000 |
| 346, | 13 Aug, 1 | 13:48:03, | 0.002 |
| 347, | 13 Aug, 1 | 13:49:03, | 0.000 |
| 348, | 13 Aug, 1 | 13:50:03, | 0.000 |
| 349, | 13 Aug, 1 | 13:51:03, | 0.000 |
| 350, | 13 Aug, | 13:52:03, | 0.000 |
| 351, | 13 Aug, | 13:53:03, | 0.001 |
| 352, | 13 Aug, | 13:54:03, | 0.000 |
| 353, | 13 Aug, | 13:55:03, | 0.001 |
| 354, | 13 Aug, | 13:56:03, | 0.000 |
| 355, | 13 Aug, | 13:57:03, | 0.001 |
| 356, | 13 Aug, | 13:58:03, | 0.001 |
| 357, | 13 Aug, | 13:59:03, | 0.000 |
| 358, | 13 Aug, | 14:00:03, | 0.000 |
| 359, | 13 Aug, | 14:01:03, | 0.001 |
| 360, | 13 Aug, | 14:02:03, | 0.004 |
| 361 , | 13 Aug, | 14:03:03, | 0.001 |
| 362, | 13 Aug, | 14:04:03, | 0.001 |
| 363, | 13 Aug, | 14:05:03, | 0.001 |
| 364, | 13 Aug, | 14:06:03, | 0.001 |
| 365, | 13 Aug, | 14:07:03, | 0.002 |
| 366, | 13 Aug, | 14:08:03, | 0.002 |
| 367 , | 13 Aug, | 14:09:03, | 0.001 |
| 368, | 13 Aug, | 14:10:03, | 0.001 |
| 369, | 13 Aug, | 14:11:03, | 0.003 |
| 370, | 13 Aug, | 14:12:03, | 0.003 |
| 371, | 13 Aug, | 14:13:03, | 0.005 |
| 372, | 13 Aug, | 14:14:03, | 0.001 |
| 373, | 13 Aug, | 14:15:03, | 0.001 |
| 374, | 13 Aug, | 14:16:03, | 0.001 |
| 375, | 13 Aug, | 14:17:03, | 0.002 |
| 376, | 13 Aug, | 14:18:03, | 0.002 |
| 377 , | 13 Aug, | 14:19:03, | 0.001 |
| 378, | 13 Aug, | 14:20:03, | 0.001 |
| 379, | 13 Aug, | 14:21:03, | 0.001 |
| 380, | 13 Aug, | 14:22:03, | 0.002 |
| 381, | 13 Aug, | 14:23:03, | 0.002 |
| 382 , | 13 Aug, | 14:24:03, | 0.001 |
| 383, | 13 Aug, | 14:25:03, | 0.004 |
| 384 , | 13 Aug, | 14:26:03, | 0.001 |
| 385, | 13 Aug, | 14:27:03, | 0.009 |
| 386, | 13 Aug, | 14:28:03, | 0.007 |
| 387 , | 13 Aug, | 14:29:03, | 0.009 |
| 388 , | 13 Aug, | 14:30:03, | 0.013 |
| 389, | 13 Aug, | 14:31:03, | 0.011 |
| 390, | 13 Aug, | 14:32:03, | 0.007 |
| 391. | 13 Aug, | 14:33:03, | 0.005 |
| 392, | 13 Aug, | 14:34:03, | 0.002 |
| 393. | , 13 Aug, | 14:35:03, | 0.003 |
| 394. | , 13 Aug, | 14:36:03, | 0.004 |
| 395 | , 13 Aug, | 14:37:03, | 0.002 |
| 396 | , 13 Aug, | 14:38:03, | 0.003 |
| 397 | , 13 Aug, | 14:39:03, | 0.001 |
| 398 | , 13 Aug, | 14:40:03, | 0.002 |
| 399 | , 13 Aug, | 14:41:03, | 0.005 |
| 400 | , 13 Aug, | 14:42:03, | 0.007 |
| 401 | , 13 Aug, | 14: 43:03, | 0.003 |
| 402 | , 13 Aug, | 14:44:03, | 0.003 |
| 403 | , 13 Aug, | 14:45:03, | 0.004 |
| 404 | , 13 Aug, | 14:46:03, | 0.003 |
|  | , 13 Aug, | 14:47:03, | 0.011 |
| 406 | 6, 13 Aug, | 14:48:03, | 0.009 |
|  | , 13 Aug, | 14:49:03, | 0.010 |
| 408 | 8, 13 Aug , | 14:50:03, | 0.005 |
|  | , 13 Aug, | 14:51:03, | 0.007 |
| 410 | , 13 Aug, | , 14:52:03, | 0.007 |
|  | 1, 13 Aug, | , 14:53:03, | 0.005 |
| 412 | , 13 Aug, | 14:54:03, | 0.006 |


|  | 13 muy, |  |  |
| :---: | :---: | :---: | :---: |
| 414, | 13 Aug, | 14:56:03, |  |
| 15, | 13 Aug, | 14:57:03, | 0.005 |
| 6, | 13 Aug, | 14:58:03, | 0.006 |
| 417 , | 13 Aug, | 14:59:03, | 0.003 |
| 18, | 13 Aug, | 15:00:03, | 0.006 |
| 419, | 13 Aug, | 15:01:03, | 3 |
| 420 , | 13 Aug, | 15:02:03, | 11 |
| 421, | 13 Aug, | 15:03:03, | . 007 |
| 22, | 13 Aug, | 15:04:03, | 09 |
| 423, | 13 Aug, | 15:05:03 | . 007 |
| 4, | 13 Aug, | 15:06:03, | 07 |
| 25, | 13 Aug, | 15:07:03, | 005 |
| 6, | 13 Aug, | 15:08:03, | . 05 |
| 27, | 13 Aug , | 15:09:03, | 0.006 |
| 428, | 13 Aug, | 15:10:03, | 0.006 |
| 429, | 13 Aug, | 15:11:03, | 0.003 |
| 430, | 13 Aug, | 15:12:03, | 0.008 |
| 431, | 13 Aug, | 15:13:03, | 0.006 |
| 432, | 13 Aug, | 15:14:03 | 0.005 |

pyk-ruvu sin: ưvou
Tag Number: 08
Number of logged points: 434
Start time and date: 09:12:58 16-Aug
Elapsed time: 07:14:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.139 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 10:55:44 Aug 16
Max STEL Concentration: $0.100 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 11:14:58 Aug 16
Overall Avg Conc: $0.038 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:

## Point, Date

Time
Time 09 :13: ${ }^{\prime}$,
09:14:58,
09:15:58,
09:16:58,
Avg. (mg/m ${ }^{3}$ )
1, 16 Aug,
2, 16 Aug,
3, 16 Aug,
4, 16 Aug,
5, 16 Aug, 09:17:58,
6, 16 Aug,
09:18:58,
09:19:58,
7, 16 Aug, 09:19:58,
8, 16 Aug, 09:20:58,
9, 16 Aug, 09:21:58,
10, 16 Aug, 09:22:58, 0.050
11, 16 Aug, 09:23:58, 0.050
12, 16 Aug, 09:24:58, 0.051
13, 16 Aug, 09:25:58, 0.054
14, 16 Aug, 09:26:58,
15, 16 Aug, 09:27:58,
0.057

16, 16 Aug, 09:28:58,
55
17, 16 Aug, 09:29:58, 0.057
18, 16 Aug, 09:30:58,
0.060

19, 16 Aug, 09:31:58,
0.062
0.062

20, 16 Aug, 09:32:58,
0.072

22, 16 Aug, 09:34:58,
0.069
$\begin{array}{lll}23,16 \text { Aug, } & 09: 35: 58, & 0.066 \\ 24, & 16 \text { Aug, } & 09: 36: 58, \\ 0.075\end{array}$
25, 16 Aug, 09:37:58, 0.082
26, 16 Aug,
$\begin{array}{ll}09: 38: 58, & 0.089 \\ 09: 39: 58, & 0.093\end{array}$
09:39:58, 0.093
27, 16 Aug,
28,16 Aug,
29, 16 Aug,
30, 16 Aug ,
31, 16 Aug,
32, 16 Aug,
33, 16 Aug,
34, 16 Aug,
35, 16 Aug,
36, 16 Aug,

## 37, 16 Aug,

38, 16 Aug,
38, 16 Aug, 09:50:58,
40, 16 Aug, 09:51:58,
41, 16 Aug, 09:53:58,
42, 16 Aug, 09:54:58, 0.093
43, 16 Aug, 09:55:58, 0.089
44, 16 Aug, 09:56:58,
45, 16 Aug, 09:57:58,
46, 16 Aug, 09:58:58,
47, 16 Aug, 09:59:58,
48, 16 Aug, 10:00:58,
49, 16 Aug, 10:01:58,
$\begin{array}{lll}50, & 16 \text { Aug, } 10: 02: 58, & 0.077 \\ 51,16 ~ A u g, ~ 10: 03: 58, ~ & 0.082\end{array}$
$\begin{array}{lll}51,16 \text { Aug, } 10: 03: 58, & 0.082 \\ 52,16 \text { Aug, } 10: 04: 58, & 0.085\end{array}$
53, 16 Aug, 10:05:58, 0.075
54, 16 Aug, 10:06:58, 0.077
55, 16 Aug, 10:07:58, 0.073
$\begin{array}{lll}56,16 \text { Aug, } & 10: 08: 58, & 0.069 \\ 57,16 \text { Aug, } & 10: 09: 58, & 0.070\end{array}$


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 6 A |  | 0.001 |
| 3 , | 16 Aug, |  | 3 |
| 74 | 16 Aug, | 13:46:58, | 0.000 |
| 275, | 16 Aug | 13:47:58, | 0 |
| 6, | 16 Aug, | 13:48:58, | 000 |
| 277, | 16 Aug |  | 0.000 |
| 8 | 16 Aug, |  | 00 |
| 9, | 16 Aug, | 13:51:58, | 00 |
| , | 16 Aug |  | 0 |
| 281, | 16 Aug | 13:53:58 | 0.000 |
|  | 16 Aug |  | 0.000 |
| 83, | 16 Aug, | 13:55:58, | 0.000 |
| , | 16 Aug |  | 00 |
| 5 | 16 Aug, | 13:57:58, | 0.000 |
| 286, | 16 Aug | 13:58:58, | 0.000 |
| 87. | 16 Aug, | 13:59:58, | 000 |
| 88 | 16 Aug , | 14:00:58, | 0.000 |
| 9, | 16 Aug, | 14:01:58 | 0.000 |
| 90, | 16 Aug, | 14:02:58 | 0.000 |
|  | 16 Aug, | 14:03:58 | 000 |
| 92, | 16 Aug, | 14:04:58 | 0.000 |
| 3, | 16 Aug, |  | 0.000 |
| 9, | 16 Aug, | 14:06:58, | 0 |
|  | 16 Au | 14:07:58, | 0.000 |
| 96, | 16 Aug, | 14:08:58, | 000 |
| 7 | 16 Aug, | 14:09:58, | 00 |
| 298, | 16 Aug, | 14:10:58 | 0 |
| 299, | 16 Aug, | 14:11:58, | 0.000 |
| 00, | 16 Aug, |  | 0.000 |
| 01, | 16 Aug, | 14:13:58, | 0.000 |
| 02, | 16 Aug |  | 0.000 |
| 03, | 16 Aug, | 14:15:58, | 0 |
|  | 16 Aug, |  | 0.000 |
| 5 | 16 Aug, | 14:17:58, | 00 |
| 6, | 16 Aug, | 14:18:58, | 0.000 |
| 307, | 16 Aug, |  | 0.000 |
| 08, | 16 Aug, | 14:20:58, | 0.001 |
| 09, | 16 Aug |  | 0 |
| 10, | 16 Aug, | 14:22:58, | 0.001 |
|  | 16 Aug |  | 00 |
| 2, | 16 Aug, | 14:24:58, | 000 |
| 3, | 16 Aug, | 14:25:58, | 0.000 |
| 14, | 16 Aug, | 14:26:58, | 0.000 |
| 5, | 16 Aug, | 14:27:58, | 0.000 |
| 16, | 16 Aug, | 14:28:58, | 0.000 |
| 17, | 16 Aug, | 14:29:58, | 0.000 |
| 8, | 16 Aug, |  | 00 |
| 9, | 16 Aug, | 14:31:58, | 000 |
| 0, | 16 Aug, | 14:32:58, | . 00 |
| 1 , | 16 Aug, | 14:33:58, | 00 |
| 2, | 16 Aug, | 14:34:58, | . 00 |
| 23, | 16 Aug, | 14:35:58, | 0 |
| 4, | 16 Aug, | 14:36:58, | 0.000 |
| 25, | 16 Aug, | 14:37:58, | 00 |
| 326, | 16 Aug, | 14:38:58, | 00 |
| 27, | 16 Aug , | 14:39:58, | 0.000 |
| 328, | 16 Aug, | 14:40:58, | 00 |
| 229, | 16 Aug, | 14:41:58, | 0.000 |
| 30, | 16 Aug, | 14:42:58, | 0.000 |
| , | 16 Aug, | 14:43:58, | 0.000 |
| 32, | 16 Aug, | 14:44:58, | 0.000 |
| , | 16 Aug, | 14:45:58, | 0.000 |
| 34. | 16 Aug, | 14:46:58, | 0.000 |
| , | 16 Aug, | 14:47:58, | 0.000 |
| 36, | 16 Aug, | 14:48:58, | 0.000 |
| , | 16 Aug, | 14:49:58, | 0.000 |
| 38, | 16 Aug, | 14:50:58, | 0.000 |
| 39, | 16 Aug, | 14:51:58, | 0.000 |
| 40, | 16 Aug, | 14:52:58, | 0.000 |
| 341 | 16 Aug | 14:53:58 | 0.000 |


| 342, | LO mug, | 14:55:58, | . 000 |
| :---: | :---: | :---: | :---: |
| 343, | 16 Aug, | 14:55:58, | 0.000 |
| 344, | 16 Aug, | 14:56:58, | 0.000 |
| 345, | 16 Aug, | 14:57:58, | 0.000 |
| 346 , | 16 Aug, | 14:58:58, | 0.000 |
| 347, | 16 Aug, | 14:59:58, | 0.000 |
| 348, | 16 Aug, | 15:00:58, | 0.000 |
| 349, | 16 Aug, | 15:01:58, | 0.000 |
| 350, | 16 Aug, | 15:02:58, | 0.000 |
| 351, | 16 Aug, | 15:03:58, | 0.001 |
| 352, | 16 Aug, | 15:04:58, | 0.000 |
| 353, | 16 Aug, | 15:05:58, | 0.000 |
| 354, | 16 Aug, | 15:06:58, | 0.000 |
| 355, | 16 Aug, | 15:07:58, | 0.000 |
| 356, | 16 Aug, | 15:08:58, | 0.000 |
| 357 , | 16 Aug, | 15:09:58, | 0.000 |
| 358, | 16 Aug, | 15:10:58, | 0.000 |
| 359, | 16 Aug, | 15:11:58, | 0.000 |
| 360, | 16 Aug, | 15:12:58, | 0.000 |
| 361, | 16 Aug, | 15:13:58, | 0.000 |
| 362, | 16 Aug, | 15:14:58, | 0.000 |
| 363, | 16 Aug, | 15:15:58, | 0.000 |
| 364, | 16 Aug, | 15:16:58, | 0.000 |
| 365, | 16 Aug, | 15:17:58, | 0.000 |
| 366, | 16 Aug, | 15:18:58, | 0.001 |
| 367, | 16 Aug, | 15:19:58, | 0.000 |
| 368, | 16 Aug, | 15:20:58, | 0.000 |
| 369, | 16 Aug, | 15:21:58, | 0.000 |
| 370, | 16 Aug, | 15:22:58, | 0.000 |
| 371, | 16 Aug, | 15:23:58, | 0.001 |
| 372, | 16 Aug, | 15:24:58, | 0.000 |
| 373, | 16 Aug, | 15:25:58, | 0.000 |
| 374, | 16 Aug, | 15:26:58, | 0.000 |
| 375, | 16 Aug, | 15:27:58, | 0.000 |
| 376, | 16 Aug, | 15:28:58, | 0.000 |
| 377, | 16 Aug, | 15:29:58, | 0.000 |
| 378, | 16 Aug, | 15:30:58, | 0.000 |
| 379, | 16 Aug, | 15:31:58, | 0.000 |
| 380, | 16 Aug, | 15:32:58, | 0.000 |
| 381, | 16 Aug, | 15:33:58, | 0.000 |
| 382, | 16 Aug, | 15:34:58, | 0.000 |
| 383, | 16 Aug, | 15:35:58, | 0.000 |
| 384, | 16 Aug, | 15:36:58, | 0.000 |
| 385, | 16 Aug, | 15:37:58, | 0.000 |
| 386, | 16 Aug, | 15:38:58, | 0.000 |
| 387, | 16 Aug, | 15:39:58, | 0.000 |
| 388, | 16 Aug, | 15:40:58, | 0.000 |
| 389, | 16 Aug, | 15:41:58, | 0.000 |
| 390, | 16 Aug, | 15:42:58, | 0.000 |
| 391, | 16 Aug, | 15:43:58, | 0.000 |
| 392, | 16 Aug, | 15:44:58, | 0.000 |
| 393, | 16 Aug, | 15:45:58, | 0.000 |
| 394, | 16 Aug, | 15:46:58, | 0.000 |
| 395, | 16 Aug, | 15:47:58, | 0.000 |
| 396, | 16 Aug, | 15:48:58, | 0.000 |
| 397, | 16 Aug, | 15:49:58, | 0.000 |
| 398, | 16 Aug, | 15:50:58, | 0.000 |
| 399, | 16 Aug, | 15:51:58, | 0.000 |
| 400, | , 16 Aug, | 15:52:58, | 0.000 |
| 401, | , 16 Aug, | 15:53:58, | 0.000 |
| 402, | , 16 Aug, | 15:54:58, | 0.000 |
| 403, | , 16 Aug, | 15:55:58, | 0.000 |
| 404, | , 16 Aug, | 15:56:58, | 0.000 |
| 405, | , 16 Aug, | 15:57:58, | 0.000 |
| 406, | , 16 Aug, | 15:58:58, | 0.000 |
| 407, | , 16 Aug, | 15:59:58, | 0.000 |
| 408, | , 16 Aug, | 16:00:58, | 0.000 |
| 409, | , 16 Aug, | 16:01:58, | 0.000 |
| 410, | , 16 Aug, | 16:02:58, | 0.000 |
| 411, | , 16 Aug, | 16:03:58, | 0.000 |
| 412, | , 16 Aug, | 16:04:58, | 0.000 |


|  | Aug, | 10:U3:58, | 0. |
| :---: | :---: | :---: | :---: |
| 414, | 16 Aug, | 16:06:58, | 0.000 |
| 415, | 16 Aug, | 16:07:58, | 0.000 |
| 416, | 16 Aug, | 16:08:58, | 0.000 |
| 417, | 16 Aug, | 16:09:58, | 0.000 |
| 418, | 16 Aug, | 16:10:58, | 0.000 |
| 19 | 16 Aug, | 16:11:58, | 0.000 |
| 420, | 16 Aug, | 16:12:58, | 0.000 |
| 421 | 16 Aug, | 16:13:58, | 0.000 |
| 422 , | 16 Aug, | 16:14:58, | 0.000 |
| 423 | 16 Aug, | 16:15:58, | 0.000 |
| 424, | 16 Aug, | 16:16:58, | 0.000 |
| 25, | 16 Aug, | 16:17:58, | 00 |
| 426, | 16 Aug, | 16:18:58, | . 000 |
| 427, | 16 Aug, | 16:19:58, | 0.000 |
| 428, | 16 Aug, | 16:20:58, | 0.000 |
| 429, | 16 Aug, | 16:21:58, | . 000 |
| 430, | 16 Aug, | 16:22:58, | 0.000 |
| 431, | 16 Aug, | 16:23:58, | 0.000 |
| 432, | 16 Aug, | 16:24:58, | . 0000 |
| 433, | 16 Aug, | 16:25:58, | 0.000 |
| 434, | 16 Aug, | 16:26:58, | 0.000 |

pик-ュuUu s/iN: uUuUu
Tag Number: 09
Number of logged points: 552
Start time and date: 07:33:36 17-Aug
Elapsed time: 09:12:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.407 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 07:36:37 Aug 17
Max STEL Concentration: $0.013 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 15:44:08 Aug 17
Overall Avg Conc: $0.003 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date
Time , 1,17 Aug, $07: 34: 36$,
2,17 Aug, $07: 35: 36$,

Avg. (mg/m ${ }^{3}$ )

3, 17 Aug, 07:36:36, 0.073
4, 17 Aug, 07:37:36, 0.009
5, 17 Aug, 07:38:36, 0.013
6, 17 Aug, 07:39:36, 0.001
7, 17 Aug, 07:40:36, 0.002
8, 17 Aug, 07:41:36, 0.000
$\begin{array}{rr}\text { 9, } 17 \text { Aug, } & 07: 42: 36, \\ 10,17 \text { Aug, } & 07: 43: 36, \\ 0.002 \\ 11, ~\end{array}$
11, 17 Aug, 07:44:36, 0.004
12, 17 Aug, 07:45:36, 0.000
13, 17 Aug, 07:46:36, 0.001
$\begin{array}{lll}14, & 17 \text { Aug, 07:47:36, } & 0.001 \\ 15,17 \text { Aug, 07:48:36, } & 0.002\end{array}$
$\begin{array}{ll}15,17 \text { Aug, } \\ 16,17 \text { Aug, 07:49:36, } & 0.002\end{array}$
17, 17 Aug, 07:50:36, 0.002
$\begin{array}{lll}18,17 \text { Aug, } 07: 51: 36, & 0.003 \\ 19,17 \text { Aug, } 07: 52: 36, & 0.004\end{array}$
$\begin{array}{lll}20, & 17 \text { Aug, } 07: 53: 36, & 0.002 \\ 21, & 0.003\end{array}$
$\begin{array}{lll}21,17 & \text { Aug, } \\ 22,17 \text { Aug, 07:54:36, } & 0.003\end{array}$
23, 17 Aug, 07:56:36, 0.004
24, 17 Aug, 07:57:36, 0.003
25, 17 Aug, 07:58:36, 0.005
26, 17 Aug, 07:59:36, 0.003
28, 17 Aug, 08:01:36, 0.002
29, 17 Aug, 08:02:36, 0.002
30, 17 Aug, 08:03:36, 0.002
31, 17 Aug, 08:04:36, 0.002
$\begin{array}{lll}32,17 \text { Aug, 08:05:36, } & 0.003 \\ 33,17 \text { Aug, 08:06:36, } & 0.001\end{array}$
34, 17 Aug, 08:07:36, 0.005
$\begin{array}{lll}35,17 \text { Aug, 08:08:36, } & 0.006 \\ 36,17 \text { Aug, 08:09:36, } & 0.005\end{array}$
37, 17 Aug, 08:10:36, 0.004
38, 17 Aug, 08:11:36, 0.007
39, 17 Aug, $08: 12: 36,0.003$
40, 17 Aug, $08: 13: 36,0.004$
$\begin{array}{lll}41, & 17 \text { Aug, } & 08: 14: 36, \\ 42,17 \text { Aug, } & 08: 15: 36, & 0.003\end{array}$
43, 17 Aug, 08:16:36, 0.004
$\begin{array}{lll}44,17 \text { Aug, } 08: 17: 36, & 0.003 \\ 45,17 \text { Aug, } 08: 18: 36, & 0.003\end{array}$
46, 17 Aug, 08:19:36, 0.007
$\begin{array}{lll}47,17 \text { Aug, } 08: 20: 36, & 0.006 \\ 48,17 \text { Aug, } 08: 21: 36, & 0.005\end{array}$
49, 17 Aug, $08: 22: 36,0.005$
50, 17 Aug, 08:23:36, 0.004
51, 17 Aug, $08: 24: 36,0.004$
52, 17 Aug, 08:25:36, 0.001
53, 17 Aug, 08:26:36, 0.005
54, 17 Aug, 08:27:36, 0.002
55, 17 Aug, 08:28:36, 0.002
56, 17 Aug, 08:29:36, 0.002
57, 17 Aug, 08:30:36, 0.002

|  | 1 Huy, |  |  |
| :---: | :---: | :---: | :---: |
| 59, | 17 Aug, | 08:32:36, | 0.004 |
| 60, | 17 Aug, | 08:33:36, | 0.001 |
| 61, | 17 Aug, | 08:34:36, | 0.003 |
| 62, | 17 Aug, | 08:35:36, | 0.001 |
| 63, | 17 Aug, | 08:36:36, | 0.001 |
| 64, | 17 Aug, | 08:37:36, | 0.003 |
| 65, | 17 Aug, | 08:38:36, | 0.002 |
| 66, | 17 Aug, | 08:39:36, | 0.002 |
| 67, | 17 Aug, | 08:40:36, | 0.002 |
| 68, | 17 Aug, | 08:41:36, | 0.001 |
| 69, | 17 Aug, | 08:42:36, | 0.001 |
| 70, | 17 Aug, | 08:43:36, | 0.002 |
| 71. | 17 Aug, | 08:44:36, | 0.005 |
| 72 , | 17 Aug, | 08:45:36, | 0.002 |
| 73, | 17 Aug, | 08:46:36, | 0.004 |
| 74, | 17 Aug, | 08:47:36, | 0.001 |
| 75, | 17 Augr, | 08:48:36, | 0.001 |
| 76, | 17 Aug, | 08:49:36, | 0.003 |
| 77. | 17 Aug, | 08:50:36, | 0.002 |
| 78, | 17 Aug, | 08:51:36, | 0.001 |
| 9, | 17 Aug, | 08:52:36, | 0.000 |
| 80, | 17 Aug, | 08:53:36, | 0.001 |
| 81 | 17 Aug, | 08:54:36, | 0.001 |
| 82, | 17 Aug, | 08:55:36, | 0.000 |
| 83, | 17 Aug, | 08:56:36, | 0.001 |
| 84, | 17 Aug, | 08:57:36, | 0.000 |
| 85, | 17 Aug, | 08:58:36, | 0.000 |
| 86, | 17 Aug, | 08:59:36, | 0.004 |
| 87. | 17 Aug, | 09:00:36, | 0.002 |
| 88. | 17 Aug, | 09:01:36, | 0.001 |
| 89, | 17 Aug, | 09:02:36, | 0.001 |
| 90, | 17 Aug, | 09:03:36, | 0.002 |
| 91, | 17 Aug, | 09:04:36, | 0.002 |
| 92, | 17 Aug, | 09:05:36, | 0.002 |
| 93, | 17 Aug, | 09:06:36, | 0.000 |
| 94. | 17 Aug, | 09:07:36, | 0.001 |
| 95, | 17 Aug, | 09:08:36, | 0.001 |
| 96, | 17 Aug, | 09:09:36, | 0.001 |
| 97. | 17 Aug, | 09:10:36, | 0.003 |
| 98, | 17 Aug, | 09:11:36, | 0.001 |
| 99, | 17 Aug, | 09:12:36, | 0.000 |
| 100, | 17 Aug, | 09:13:36, | 0.002 |
| 101, | 17 Aug, | 09:14:36, | 0.001 |
| 102, | 17 Aug, | 09:15:36, | 0.002 |
| 103, | 17 Aug, | 09:16:36, | 0.005 |
| 104, | 17 Aug, | 09:17:36, | 0.001 |
| 105, | 17 Aug, | 09:18:36, | 0.001 |
| 106, | 17 Aug, | 09:19:36, | 0.001 |
| 107, | 17 Aug, | 09:20:36, | 0.000 |
| 108, | 17 Aug, | 09:21:36, | 0.000 |
| 109, | 17 Aug, | 09:22:36, | 0.003 |
| 110, | 17 Aug, | 09:23:36, | 0.001 |
| 111, | 17 Aug, | 09:24:36, | 0.001 |
| 112, | 17 Aug, | 09:25:36, | 0.001 |
| 113, | 17 Aug, | 09:26:36, | 0.000 |
| 114. | 17 Aug, | 09:27:36, | 0.000 |
| 115, | 17 Aug, | 09:28:36, | 0.000 |
| 116, | 17 Aug, | 09:29:36, | 0.000 |
| 117, | 17 Aug, | 09:30:36, | 0.002 |
| 118, | 17 Aug, | 09:31:36, | 0.001 |
| 119, | 17 Aug, | 09:32:36, | 0.001 |
| 120, | 17 Aug, | 09:33:36, | 0.000 |
| 121, | 17 Aug, | 09:34:36, | 0.001 |
| 122, | 17 Aug, | 09:35:36, | 0.003 |
| 123, | 17 Aug, | 09:36:36, | 0.001 |
| 124, | 17 Aug, | 09:37:36, | 0.000 |
| 125, | 17 Aug, | 09:38:36, | 0.000 |
| 126, | 17 Aug, | 09:39:36, | 0.000 |
| 127. | 17 Aug, | 09:40:36, | 0.001 |
| 128 | 17 Au | 09:41:36 | 0.000 |


|  | Au |  |  |
| :---: | :---: | :---: | :---: |
|  | 17 Aug, |  |  |
| 131, | 17 Aug, |  | 6 |
| 132, | 17 Aug | 09:45:36, | 0.015 |
| 133, | 17 Aug, |  |  |
| , | 17 Aug, | 09:47:36 | 02 |
|  | 17 Aug |  | 5 |
| , | 17 Aug | 09:49:36 | 01 |
| 7 | 17 Aug |  | 00 |
| 8 | 17 Aug, | 09:51:36 | 00 |
| 139, | 7 Aug | 09:52:36 | 0 |
| 0 , | 17 Aug, | 09:53:36 | 000 |
| 141, | 17 Aug, | 09:54:36 | 0 |
| 42, | 17 Aug, |  | 00 |
| 3. | 17 Aug, | 09:56:36 | 0.000 |
| , | 17 Aug, | 09:57:36 | 02 |
| 5 | 17 Aug, | 09:58:36, | 022 |
| 6 | 17 Aug, | 09:59:36 | 0.000 |
| 7, | 17 Aug, | 10:00:36, | 01 |
| 8 , | 17 Aug | 10:01:36, | 0 |
| 9, | 17 Aug | 10:02:36, | 00 |
| , | 17 Aug | 10:03:36, | 0 |
| 1. | 17 Aug | 10:04:36 | 00 |
| 2 | 17 Aug | 10:05:36, | 0 |
| 53, | 17 Aug | 10:06:36, | 00 |
| 54 | 17 Aug | 10:07:36 | 0 |
| 5, | 17 Aug | 10:08:36 | 00 |
| 56, | 17 Aug | 10:09:36, | . 0.000 |
| 7, | 17 Aug, | 10:10:36, | 00 |
| 58, | 17 Aug | 10:11:36 | . 000 |
| 59, | 17 Aug | 10:12:36 | 00 |
| 160, | 17 Aug |  | 0 |
| 61 | 17 Aug | 10:14:36 | 00 |
| 162, | 17 Aug, |  | 01 |
| 163, | 17 Aug, | 10:16:36, | 0 |
| 64, | 17 Aug |  | 00 |
| 165 | 17 Aug, | 10:18:36, | 0.000 |
| 166, | 17 Aug | 10:19:36, | . 000 |
| 167, | 17 Aug | 10:20:36, | 0 |
| 168, | 17 Aug | 10:21:36, | 0.000 |
| 169, | 17 Aug, | 10: | 00 |
| 170, | 17 Aug, | 10:23:36, | 0.003 |
| 71. | 17 Aug, | 10:24:36, | 0.000 |
| 172, | 17 Aug, | 10:25:36, | 0 |
| 173, | 17 Aug, | 10:26:36, | 0.000 |
| 74, | 17 Aug, | 10:27:36, | 0 |
| 175, | 17 Aug, | 10:28:36, | 0.000 |
| 176, | 17 Aug, | 10:29:36, | 000 |
| 177, | 17 Aug, | 10:30:36, | 0.000 |
| 178, | 17 Aug, | 10:31:36, | 00 |
| 179, | 17 Aug, | 10:32:36, | 00 |
| 8, | 17 Aug, |  | 00 |
| 81. | 17 Aug, | 10:34:36, | 0.000 |
| 82, | 17 Aug, | 10:35:36, | 00 |
| 83, | 17 Aug, | 10:36:36, | 0.000 |
| , | 17 Aug, | 10:37:36, | 0 |
| 5, | 17 Augr | 10:38:36, | 0.000 |
| 186, | 17 Aug, | 10:39:36 | 00 |
| 187, | 17 Aug, | 10:40:36, | 00 |
| 188, | 17 Aug, | 10:41:36, | 0 |
| 189, | 17 Aug, | 10:42:36 | 00 |
| 190, | 17 Aug, | 10:43:36, | 0.000 |
| 191, | 17 Aug, | 10:44:36 | 0.001 |
| 192, | 17 Aug, | 10:45:36, | 0.000 |
| 193, | 17 Aug, | 10:46:36 | 0.000 |
| 194, | 17 Aug, | 10:47:36, | 0.000 |
| 95, | 17 Aug, | 10:48:36, | 0.000 |
| 196, | 17 Aug, | 10:49:36, | 0.000 |
| 197, | 17 Aug, | 10:50:36, | 0.004 |
| 198, | 17 Aug, | 10:51:36, | 0.000 |
| 199. |  | 10:52:36, | 0.0 |


| $\angle \mathrm{UW}$, | $1 /$ Aug, | 1U:35:30, | u. Uu1 |
| :---: | :---: | :---: | :---: |
| 201, | 17 Aug, 1 | 10:54:36r | 0.000 |
| 202, | 17 Aug, 1 | 10:55:36, | 0.000 |
| 203, | 17 Aug, 1 | 10:56:36, | 0.000 |
| 204, | 17 Aug, | 10:57:36, | 0.000 |
| 205, | 17 Aug, | 10:58:36, | 0.000 |
| 206, | 17 Aug, | 10:59:36, | 0.000 |
| 207, | 17 Aug, | 11:00:36, | 0.000 |
| 208, | 17 Aug, | 11:01:36, | 0.000 |
| 209, | 17 Aug, | 11:02:36, | 0.000 |
| 210, | 17 Aug, | 11:03:36, | 0.000 |
| 211, | 17 Aug, | 11:04:36, | 0.000 |
| 212, | 17 Aug, | 11:05:36, | 0.001 |
| 213, | 17 Aug, | 11:06:36, | 0.000 |
| 214, | 17 Aug, | 11:07:36, | 0.000 |
| 215, | 17 Aug, | 11:08:36, | 0.000 |
| 216, | 17 Aug, | 11:09:36, | 0.000 |
| 217 , | 17 Aug, | 11:10:36, | 0.000 |
| 218, | 17 Aug, | 11:11:36, | 0.001 |
| 219, | 17 Aug, | 11:12:36, | 0.001 |
| 220, | 17 Aug, | 11:13:36, | 0.000 |
| 221, | 17 Aug, | 11:14:36, | 0.000 |
| 222, | 17 Aug, | 11:15:36, | 0.001 |
| 223, | 17 Aug, | 11:16:36, | 0.001 |
| 224, | 17 Aug, | 11:17:36, | 0.000 |
| 225, | 17 Aug, | 11:18:36, | 0.000 |
| 226, | 17 Aug, | 11:19:36, | 0.000 |
| 227, | 17 Aug, | 11:20:36, | 0.000 |
| 228, | 17 Aug, | 11:21:36, | 0.000 |
| 229, | 17 Aug, | 11:22:36, | 0.000 |
| 230, | 17 Aug, | 11:23:36, | 0.000 |
| 231, | 17 Aug, | 11:24:36, | 0.001 |
| 232, | 17 Aug, | 11:25:36, | 0.000 |
| 233, | 17 Aug, | 11:26:36, | 0.000 |
| 234, | 17 Aug, | 11:27:36, | 0.001 |
| 235, | 17 Aug, | 11:28:36, | 0.001 |
| 236, | 17 Aug, | 11:29:36, | 0.002 |
| 237, | 17 Aug, | 11:30:36, | 0.000 |
| 238, | 17 Aug, | 11:31:36, | 0.000 |
| 239, | 17 Aug, | 11:32:36, | 0.000 |
| 240, | 17 Aug, | 11:33:36, | 0.000 |
| 241, | 17 Aug, | 11:34:36, | 0.000 |
| 242, | 17 Aug, | 11:35:36, | 0.000 |
| 243, | 17 Aug, | 11:36:36, | 0.001 |
| 244, | 17 Aug, | 11:37:36, | 0.000 |
| 245, | 17 Aug, | 11:38:36, | 0.000 |
| 246, | 17 Aug, | 11:39:36, | 0.000 |
| 247, | 17 Aug, | 11:40:36, | 0.001 |
| 248, | 17 Aug, | 11:41:36, | 0.000 |
| 249, | 17 Aug, | 11:42:36, | 0.000 |
| 250, | 17 Aug, | 11:43:36, | 0.000 |
| 251, | 17 Aug, | 11:44:36, | 0.001 |
| 252, | 17 Aug, | 11:45:36, | 0.001 |
| 253, | 17 Aug, | 11:46:36, | 0.001 |
| 254, | 17 Aug, | 11:47:36, | 0.001 |
| 255, | 17 Aug, | 11:48:36, | 0.002 |
| 256, | 17 Aug, | 11:49:36, | 0.001 |
| 257, | 17 Aug, | 11:50:36, | 0.001 |
| 258, | 17 Aug, | 11:51:36, | 0.001 |
| 259, | 17 Aug, | 11:52:36, | 0.001 |
| 260, | 17 Aug, | 11:53:36, | 0.001 |
| 261, | , 17 Aug, | 11:54:36, | 0.001 |
| 262, | , 17 Aug, | , 11:55:36, | 0.001 |
| 263, | , 17 Aug, | , 11:56:36, | 0.001 |
| 264, | , 17 Aug, | , 11:57:36, | 0.001 |
| 265, | , 17 Aug, | , 11:58:36, | 0.001 |
| 266, | , 17 Aug, | , 11:59:36, | 0.003 |
| 267 , | , 17 Aug, | , 12:00:36, | 0.002 |
| 268, | , 17 Aug, | , 12:01:36, | 0.001 |
| 269, | , 17 Aug, | , 12:02:36, | 0.001 |
| 270, | , 17 Aug, | , 12:03:36, | 0.001 |


|  |  |  | u.vuv |
| :---: | :---: | :---: | :---: |
| 272 , | 17 Aug, | 12:05:36, | 0.006 |
| 273, | 17 Aug, |  | 0 |
| , | 17 Aug, | 12:07:36 | 00 |
| 2 | 17 Aug, |  | 00 |
| 276, | 17 Aug, | 12:09:36, | 01 |
| 277 | 17 Aug, |  | 01 |
| 278 | 17 Aug, | 12:11:36, | 01 |
| 279 | 17 Aug, | 12:12:36 | 000 |
| 280, | 17 Aug, | 12:13:36 | 0.001 |
| 281, | 17 Aug | 12:14:36, | 1 |
| 282, | 17 Aug, |  | 1 |
| 283, | 17 Aug, | 12:16:36, | 0.001 |
| 84. | 17 Aug | 12:17:36 | 01 |
| 285, | 17 Aug, | 12:18:36, | . 02 |
| 86, | 17 Aug, | 12:19:36, | 04 |
| 287 | 17 Aug, | 12:20:36 | 02 |
| 88 | 17 Aug | 12:21:36, | 01 |
| 289, | 17 Aug, | 12:22:36, | 05 |
| 0, | 17 Aug | 12:23:36, | 0.002 |
| 1 | 17 Aug, | 12:24:36 | . 02 |
| 92, | 17 Aug, | 12:25:36, | 0.004 |
| 293, | 17 Aug, | 12:26:36 | 003 |
| 294 | 17 Aug, | 12:27:36, | 3 |
| 9, | 17 Aug, | 12:28:36, | 03 |
| 96, | 17 Aug, | 12:29:36, | 04 |
| 7. | 17 Aug | 12:30:36, | 08 |
| 298, | 17 Aug, | 12:31:36, | 0.002 |
| 299. | 17 Aug, | 12:32:36, | 05 |
| 00, | 17 Aug, |  | 03 |
| 1. | 17 Aug, | 12:34:36, | 03 |
| 302. | 17 Aug, |  | 0.002 |
| 303, | 17 Aug, | 12:36:36, | 02 |
| 304, | 17 Aug, |  | 0.003 |
| 305, | 17 Aug, | 12:38:36, | 4 |
| , | 17 Aug, | 12:39:36, | 0.002 |
| 307 , | 17 Aug, | 12:40:36, | 0.005 |
| 308, | 17 Aug, | 12:41:36, | 0.005 |
| 309, | 17 Aug, | 12:42:36, | 6 |
| 310, | 17 Aug, | 12:43:36, | 0.004 |
| 311, | 17 Aug, | 12:44:36, | 0.003 |
| 312, | 17 Aug, | 12:45:36, | 0.003 |
| 13, | 17 Aug, | 12:46:36, | 0.004 |
| 314. | 17 Aug, | 12:47:36, | 0.003 |
| 315, | 17 Aug, | 12:48:36, | 0.005 |
| 316, | 17 Aug, | 12:49:36, | 03 |
| 317, | 17 Aug, | 12:50:36, | 0.002 |
| 318, | 17 Aug, | 12:51:36, | 003 |
| 319, | 17 Aug, | 12:52:36, | 22 |
| 320, | 17 Aug, | 12:53:36, | 03 |
| 321, | 17 Aug, | 12:54:36, | 0.002 |
| 322, | 17 Aug, | 12:55:36, | 004 |
| 323, | 17 Aug, | 12:56:36, | 0.003 |
| 24, | 17 Aug, | 12:57:36, | 08 |
| 325, | 17 Aug, | 12:58:36, | . 002 |
| 326, | 17 Aug, | 12:59:36, | 0.003 |
| 327, | 17 Aug, | 13:00:36 | 0.006 |
| 328, | 17 Aug, | 13:01:36, | 0.010 |
| 329, | 17 Aug, | 13:02:36 | 0.009 |
| 330, | 17 Aug, | 13:03:36, | 04 |
| 331, | 17 Aug, | 13:04:36, | 0.005 |
| 332, | 17 Aug, | 13:05:36, | 0.007 |
| 333, | 17 Aug, | 13:06:36, | 0.004 |
| 334, | 17 Aug, | 13:07:36, | 0.003 |
| 335, | 17 Aug, | 13:08:36, | 0.004 |
| 336, | 17 Aug, | 13:09:36, | 0.005 |
| 337 , | 17 Aug, | 13:10:36, | 0.003 |
| 338, | 17 Aug, | 13:11:36, | 0.003 |
| 339, | 17 Aug, | 13:12:36, | 0.004 |
| 340, | 17 Aug, | 13:13:36, | 0.002 |
| 311 | 17 Au | 13:14:36, | 0.005 |


| , | $1 / \mathrm{Aug}, 1$ | 13:12:30, | u.vus |
| :---: | :---: | :---: | :---: |
| 343, | 17 Aug, 1 | 13:16:36, | 0.007 |
| 344, | 17 Aug, 1 | 13:17:36, | 0.003 |
| 345, | 17 Aug, 1 | 13:18:36, | 0.008 |
| 346, | 17 Aug, 1 | 13:19:36, | 0.007 |
| 347, | 17 Aug, 1 | 13:20:36, | 0.009 |
| 348 , | 17 Aug, 1 | 13:21:36, | 0.008 |
| 349, | 17 Aug, 1 | 13:22:36, | 0.013 |
| 350, | 17 Aug, 13 | 13:23:36, | 0.013 |
| 351, | 17 Aug, | $13: 24: 36$, | 0.006 |
| 352, | 17 Aug, | $13: 25: 36$, | 0.006 |
| 353, | 17 Aug, | 13:26:36, | 0.007 |
| 354, | 17 Aug, | 13:27:36, | 0.004 |
| 355, | 17 Aug, | 13:28:36, | 0.006 |
| 356, | 17 Aug, | 13:29:36, | 0.006 |
| 357, | 17 Aug, | 13:30:36, | 0.006 |
| 358, | 17 Aug, | 13:31:36, | 0.005 |
| 359, | 17 Aug, | 13:32:36, | 0.018 |
| 360, | 17 Aug, | 13:33:36, | 0.004 |
| 361, | 17 Aug, | 13:34:36, | 0.004 |
| 362, | 17 Aug, | 13:35:36, | 0.004 |
| 363, | 17 Aug, | 13:36:36, | 0.007 |
| 364, | 17 Aug, | 13:37:36, | 0.004 |
| 365, | 17 Aug, | 13:38:36, | 0.005 |
| 366, | 17 Aug, | 13:39:36, | 0.008 |
| 367, | 17 Aug, | 13:40:36, | 0.004 |
| 368, | 17 Aug, | 13:41:36, | 0.005 |
| 369, | 17 Aug, | 13:42:36, | 0.005 |
| 370, | 17 Aug, | 13:43:36, | 0.008 |
| 371, | 17 Aug, | 13:44:36, | 0.003 |
| 372, | 17 Aug, | 13:45:36, | 0.007 |
| 373, | 17 Aug, | 13:46:36, | 0.008 |
| 374, | 17 Aug, | 13:47:36, | 0.004 |
| 375, | 17 Aug, | 13:48:36, | 0.003 |
| 376, | 17 Aug, | 13:49:36, | 0.002 |
| 377, | 17 Aug, | 13:50:36, | 0.001 |
| 378, | 17 Aug, | 13:51:36, | 0.002 |
| 379, | 17 Aug, | 13:52:36, | 0.003 |
| 380, | 17 Aug, | 13:53:36, | 0.002 |
| 381, | 17 Aug, | 13:54:36, | 0.001 |
| 382, | 17 Aug, | 13:55:36, | 0.000 |
| 383, | 17 Aug, | 13:56:36, | 0.002 |
| 384, | 17 Aug, | 13:57:36, | 0.005 |
| 385, | 17 Aug, | 13:58:36, | 0.002 |
| 386, | 17 Aug, | 13:59:36, | 0.011 |
| 387, | 17 Aug, | 14:00:36, | 0.001 |
| 388, | 17 Aug, | 14:01:36, | 0.003 |
| 389, | 17 Aug, | 14:02:36, | 0.001 |
| 390, | 17 Aug, | 14:03:36, | 0.005 |
| 391, | 17 Aug, | 14:04:36, | 0.019 |
| 392, | 17 Aug, | 14:05:36, | 0.013 |
| 393, | 17 Aug, | 14:06:36, | 0.004 |
| 394, | 17 Aug, | 14:07:36, | 0.005 |
| 395. | 17 Aug, | 14:08:36, | 0.005 |
| 396, | , 17 Aug, | 14:09:36, | 0.006 |
| 397 , | , 17 Aug, | 14:10:36, | 0.003 |
|  | , 17 Aug, | 14:11:36, | 0.009 |
| 399, | , 17 Aug, | 14:12:36, | 0.005 |
| 400, | , 17 Aug, | 14:13:36, | 0.004 |
| 401, | , 17 Aug, | 14:14:36, | 0.009 |
|  | , 17 Aug, | 14:15:36, | 0.042 |
| 403, | , 17 Aug, | 14:16:36, | 0.004 |
|  | , 17 Aug, | 14:17:36, | 0.005 |
| 405, | , 17 Aug, | 14:18:36, | 0.003 |
| 406, | , 17 Aug, | 14:19:36, | 0.003 |
| 407 , | , 17 Aug, | 14:20:36, | 0.004 |
|  | , 17 Aug, | 14:21:36, | 0.004 |
|  | , 17 Aug, | , 14:22:36, | 0.005 |
|  | , 17 Aug, | , 14:23:36, | 0.011 |
| 411 | , 17 Aug, | , 14:24:36, | 0.004 |
| 412 | , 17 Aug, | , 14:25:36, | 0.009 |


| 413 | A | 14:20:50 |  |
| :---: | :---: | :---: | :---: |
| 414, | 17 Aug, | 14:27:36, | 0.008 |
| 415, | 17 Aug, | 14:28:36, | 0.009 |
| 416, | 17 Aug, | 14:29:36, | 0.003 |
| 417. | 17 Aug, | 14:30:36, | 0.003 |
| 418, | 17 Aug, | 14:31:36, | 0.004 |
| 419, | 17 Aug, | 14:32:36, | 0.007 |
| 420, | 17 Aug, | 14:33:36, | 0.002 |
| 421, | 17 Aug, | 14:34:36, | 0.004 |
| 422, | 17 Aug, | 14:35:36, | 0.003 |
| 423, | 17 Aug, | 14:36:36, | 0.003 |
| 424, | 17 Aug, | 14:37:36, | 0.003 |
| 425, | 17 Aug, | 14:38:36, | 0.003 |
| 426, | 17 Aug, | 14:39:36, | 0.002 |
| 427, | 17 Aug, | 14:40:36, | 0.003 |
| 428, | 17 Aug, | 14:41:36, | 0.002 |
| 429, | 17 Aug, | 14:42:36, | 0.003 |
| 430, | 17 Aug, | 14:43:36, | 0.004 |
| 431, | 17 Aug, | 14:44:36, | 0.004 |
| 432, | 17 Aug, | 14:45:36, | 0.003 |
| 433, | 17 Aug, | 14:46:36, | 0.003 |
| 434, | 17 Aug, | 14:47:36, | 0.004 |
| 435, | 17 Aug, | 14:48:36, | 0.002 |
| 436, | 17 Aug, | 14:49:36, | 0.001 |
| 437, | 17 Aug, | 14:50:36, | 0.002 |
| 438, | 17 Aug, | 14:51:36, | 0.003 |
| 439, | 17 Aug, | 14:52:36, | 0.002 |
| 440, | 17 Aug, | 14:53:36, | 0.003 |
| 441, | 17 Aug, | 14:54:36, | 0.002 |
| 442, | 17 Aug, | 14:55:36, | 0.001 |
| 443, | 17 Aug, | 14:56:36, | 0.002 |
| 444, | 17 Aug, | 14:57:36, | 0.002 |
| 445, | 17 Aug, | 14:58:36, | 0.005 |
| 446, | 17 Aug, | 14:59:36, | 0.004 |
| 447, | 17 Aug, | 15:00:36, | 0.003 |
| 448, | 17 Aug, | 15:01:36, | 0.002 |
| 449, | 17 Aug, | 15:02:36, | 0.002 |
| 450, | 17 Aug, | 15:03:36, | 0.002 |
| 451, | 17 Aug, | 15:04:36, | 0.003 |
| 452, | 17 Aug, | 15:05:36, | 0.003 |
| 453, | 17 Aug, | 15:06:36, | 0.004 |
| 454, | 17 Aug, | 15:07:36, | 0.003 |
| 455, | 17 Aug, | 15:08:36, | 0.003 |
| 456, | 17 Aug, | 15:09:36, | 0.006 |
| 457, | 17 Aug, | 15:10:36, | 0.007 |
| 458, | 17 Aug, | 15:11:36, | 0.004 |
| 45.9, | 17 Aing, | 15:12:36, | 0.004 |
| 460, | 17 Augr | 15:13:36, | 0.003 |
| 461 , | 17 Aug, | 15:14:36, | 0.004 |
| 462, | 17 Aug, | 15:15:36, | 0.004 |
| 463. | 17 Aug, | 15:16:36, | 0.003 |
| 464, | 17 Aug, | 15:17:36, | 0.004 |
| 465, | 17 Aug, | 15:18:36, | 0.003 |
| 466 , | 17 Aug, | 15:19:36, | 0.004 |
| 467 , | 17 Aug, | 15:20:36, | 0.003 |
| 468 , | 17 Aug, | 15:21:36, | 0.004 |
| 469 , | 17 Aug, | 15:22:36, | 0.004 |
| 470, | 17 Aug, | 15:23:36, | 0.004 |
| 471, | 17 Aug, | 15:24:36, | 0.004 |
| 472, | 17 Aug, | 15:25:36, | 0.004 |
| 473. | 17 Aug, | 15:26:36, | 0.006 |
| 474 , | 17 Aug, | 15:27:36, | 0.004 |
| 475, | 17 Aüg, | 15:28:36, | 0.003 |
| 476, | 17 Aug, | 15:29:36, | 0.004 |
| 477 , | 17 Aug, | 15:30:36, | 0.003 |
| 478, | 17 Aug, | 15:31:36, | 0.005 |
| 479, | 17 Airg, | 15:32:36, | 0.003 |
| 480, | 17 Aug, | 15:33:36, | 0.003 |
| 481 | 17 Aug; | 15:34:36, | 0.004 |
| 482, | 17 Aug, | 15:35:36, | 0.002 |
| 483, | 17 Aug, | 15:36:36, | 0.014 |

```
404, 11 muy, 10:31:30,
    485, 17 Aug, 15:38:36, 0.065
    486, 17 Aug, 15:39:36, 0.001
    487, 17 Aug, 15:40:36, 0.003
    488, 17 Aug, 15:41:36, 0.004
    489, 17 Aug, 15:42:36, 0.003
    490, 17 Aug, 15:43:36, 0.051
    491, 17 Aug, 15:44:36, 0.012
    492, 17 Aug, 15:45:36, 0.007
    493, 17 Aug, 15:46:36, 0.005
    494, 17 Aug, 15:47:36, 0.003
    495, 17 Aug, 15:48:36, 0.003
    496, 17 Aug, 15:49:36, 0.004
    497, 17 Aug, 15:50:36, 0.003
    498, 17 Aug, 15:51:36, 0.004
    499, 17 Aug, 15:52:36, 0.003
    500, 17 Aug, 15:53:36, 0.007
    501, 17 Aug, 15:54:36, 0.003
    502, 17 Aug, 15:55:36, 0.007
    503, 17 Aug, 15:56:36, 0.003
    504, 17 Aug, 15:57:36, 0.029
    505, 17 Aug, 15:58:36, 0.003
    506, 17 Aug, 15:59:36, 0.007
    507, 17 Aug, 16:00:36, 0.001
    508, 17 Aug, 16:01:36, 0.003
    509, 17 Aug, 16:02:36, 0.003
    510, 17 Aug, 16:03:36, 0.005
    511, 17 Aug, 16:04:36, 0.002
    512, 17 Aug, 16:05:36, 0.002
    513,17 Aug, 16:06:36, 0.003
    514, 17 Aug, 16:07:36, 0.001
    515, 17 Aug, 16:08:36, 0.002
    516, 17 Aug, 16:09:36, 0.001
    517, 17 Aug, 16:10:36, 0.004
    518, 17 Aug, 16:11:36, 0.001
    519, 17 Aug, 16:12:36, 0.003
    520, 17 Aug, 16:13:36, 0.001
    521, 17 Aug, 16:14:36, 0.003
    522, 17 Alxg, 16:15:36, 0.002
    523, 17 Aug, 16:16:36, 0.001
    524, 17 Aug, 16:17:36, 0.002
525, 17 Aug, 16:18:36, 0.003
526, 17 Aug, 16:19:36, 0.001
527, 17 Aug, 16:20:36, 0.001
526, 17 Aug, 16:21:36, 0.002
529, 17 Aug, 16:22:36, 0.002
530, 17 Aug, 16:23:36, 0.003
531, 17 Aug, 16:24:36, 0.002
532, 17 Aug, 16:25:36, 0.004
533, 17 Aug, 16:26:36, 0.003
534, 17 Aisg, 16:27:36, 0.005
535, 17 Aug, 16:28:36, 0.002
536, 17 Aug, 16:29:36, 0.004
537, 17 Aug, 16:30:36, 0.003
538, 17 Aug, 16:31:36, 0.002
539, 17 Aug, 16:32:36, 0.001
540, 17 Aing, 16:33:36, 0.002
541, 17 Aug, 16:34:36, 0.002
542, 17 Aug, 16:35:36, 0.002
543, 17 Aug, 16:36:36, 0.002
544:17 Aug, 16:37:36; 0.002
545, 17 Aug, 16:38:36, 0.002
546: 1% Aug: 16:39:36, 0.002
547, 17 Aug, 16:40:36, 0.003
548: 17 Aing. 16:41:36; 0.004:
549, 17 Aug, 16:42:36, 0.003
S50; 1% Aug; 15:43:36; 0.002
551, 17 Aug, 16:44:36, 0.006
552,17 Aug, 16:45:36, 0.003
```

－リール・ $\because \cup \cup \cup \cup$
Tag Number： 10
Number of logged points： 553
Start time and date：07：27：18 18－Aug
Elapsed time：09：13：00
Logging period（sec）： 60
Calibration Factor（\％）： 100
Max Display Concentration： $0.246 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum：11：53：13 Aug 18
Max STEL Concentration： $0.103 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL：10：35：49 Aug 18
Overall Avg Conc： $0.078 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data： 5349

Point，Date ，Time

| 1, | 18 Aug， | 07：28：18， | 0.019 |
| :---: | :---: | :---: | :---: |
| 2. | 18 Aug， | 07：29：18， | 0.022 |
| 3. | 18 Aug， | 07：30：18， | 0.035 |
| 4. | 18 Aug， | 07：31：18， | 0.048 |
| 5, | 18 Aug， | 07：32：18， | 0.040 |
| 6, | 18 Aug， | 07：33：18， | 0.061 |
| 7, | 18 Aug， | 07：34：18， | 0.057 |
| 8, | 18 Aug， | 07：35：18， | 0.054 |
| 9, | 18 Aug， | 07：36：18， | 0.055 |
| 10， | 18 Aug， | 07：37：18， | 0.051 |
| 11， | 18 Aug， | 07：38：18， | 0.056 |
| 12， | 18 Aug， | 07：39：18， | 0.059 |
| 13， | 18 Aug， | 07：40：18， | 0.053 |
| 14， | 18 Aug， | 07：41：18， | 0.056 |
| 15， | 18 Aug， | 07：42：18， | 0.064 |
| 16, | 18 Aug， | 07：43：18， | 0.061 |
| 17， | 18 Aug， | 07：44：18， | 0.062 |
| 18， | 18 Aug， | 07：45：18， | 0.072 |
| 19， | 18 Aug， | 07：46：18， | 0.065 |
| 20， | 18 Aug， | 07：47：18， | 0.065 |
| 21. | 18 Aug， | 07：48：18， | 0.074 |
| 22， | 18 Aug， | 07：49：18， | 0.072 |
| 23， | 18 Aug， | 07：50：18， | 0.075 |
| 24， | 18 Aug， | 07：51：18， | 0.081 |
| 25， | 18 Aug， | 07：52：18， | 0.107 |
| 26， | 18 Aug， | 07：53：18， | 0.081 |
| 27， | 18 Aug， | 07：54：18， | 0.075 |
| 28， | 18 Aug， | 07：55：18， | 0.076 |
| 29， | 18 Aug， | 07：56：18， | 0.084 |
| 30， | 18 Aug， | 07：57：18， | 0.073 |
| 31， | 18 Aug， | 07：58：18， | 0.084 |
| 32， | 18 Aug， | 07：59：18， | 0.076 |
| 33. | 18 Aug， | 08：00：18， | 0.075 |
| 34， | 18 Augr， | 08：01：18， | 0.087 |
| 35， | 18 Aug， | 08：02：18， | 0.080 |
| 36， | 18 Aug， | 08：03：18， | 0.079 |
| 37， | 18 Aug， | 08：04：18， | 0.082 |
| 38， | 18 Aug， | 08：05：18， | 0.082 |
| 39， | 18 Aug， | 08：06：18， | 0.081 |
| 40， | 18 Aug， | 08：07：18， | 0.079 |
| 41， | 18 Aug， | 08：08：18， | 0.073 |
| 42， | 18 Aug， | 08：09：18， | 0.078 |
| 43. | 18 Aug， | 08：10：18， | 0.083 |
| 44， | 18 Aug， | 08：11：18， | 0.086 |
| 45， | 18 Aug， | 08：12：18， | 0.083 |
| 46, | 18 Aug， | 08：13：18， | 0.080 |
| 47， | 18 Aug， | 08：14：18， | 0.082 |
| 48， | 18 Aug， | 08：15：18， | 0.082 |
| 49， | 18 Aug， | 08：16：18， | 0.083 |
| 50， | 18 Aug， | 08：17：18， | 0.087 |
| 51， | 18 Aug， | 08：18：18， | 0.078 |
| 52， | 18 Aug， | 08：19：18， | 0.085 |
| 53， | 18 Aug， | 08：20：18， | 0.083 |
| 54， | 18 Aug， | 08：21：18， | 0.080 |
| 55， | 18 Aug， | 08：22：18， | 0.080 |
| 56, | 18 Aug， | 08：23：18， | 0.080 |
| 57, | 18．Aug， | 08：24：18， | 0.075 |


|  | nuy, |  | v.viv |
| :---: | :---: | :---: | :---: |
| 59, | 18 Aug, | 08:26:18, | 0.076 |
| 60, | 18 Aug, | 08:27:18, | 0.076 |
| 61, | 18 Aug, | 08:28:18, | 0.075 |
| 62, | 18 Aug, | 08:29:18, | 0.066 |
| 63, | 18 Aug, | 08:30:18, | 0.066 |
| 64, | 18 Aug, | 08:31:18, | 0.072 |
| 65, | 18 Aug, | 08:32:18, | 0.070 |
| 66, | 18 Aug, | 08:33:18, | 0.070 |
| 67. | 18 Aug, | 08:34:18, | 0.070 |
| 68, | 18 Aug, | 08:35:18, | 0.068 |
| 69, | 18 Aug, | 08:36:18, | 0.071 |
| 70, | 18 Aug, | 08:37:18, | 0.073 |
| 71, | 18 Aug, | 08:38:18, | 0.072 |
| 72, | 18 Aug, | 08:39:18, | 0.078 |
| 73, | 18 Aug, | 08:40:18, | 0.079 |
| 74, | 18 Aug, | 08:41:18, | 0.069 |
| 75. | 18 Aug, | 08:42:18, | 0.076 |
| 76, | 18 Aug, | 08:43:18, | 0.093 |
| 77. | 18 Aug, | 08:44:18, | 0.086 |
| 78. | 18 Aug, | 08:45:18, | 0.079 |
| 79, | 18 Aug, | 08:46:18, | 0.079 |
| 80, | 18 Aug, | 08:47:18, | 0.074 |
| 81, | 18 Aug, | 08:48:18, | 0.075 |
| 82, | 18 Aug, | 08:49:18, | 0.074 |
| 83, | 18 Aug, | 08:50:18, | 0.084 |
| 84, | 18 Aug, | 08:51:18, | 0.079 |
| 85, | 18 Aug, | 08:52:18, | 0.082 |
| 86, | 18 Aug, | 08:53:18, | 0.077 |
| 87, | 18 Aug, | 08:54:18, | 0.081 |
| 88, | 18 Aug, | 08:55:18, | 0.080 |
| 89, | 18 Aug, | 08:56:18, | 0.076 |
| 90, | 18 Aug, | 08:57:18, | 0.074 |
| 91, | 18 Aug, | 08:58:18, | 0.083 |
| 92. | 18 Aug, | 08:59:18, | 0.077 |
| 93. | 18 Aug, | 09:00:18, | 0.074 |
| 94, | 18 Aug, | 09:01:18, | 0.084 |
| 95. | 18 Aug, | 09:02:18, | 0.087 |
| 96, | 18 Aug, | 09:03:18, | 0.092 |
| 97, | 18 Aug, | 09:04:18, | 0.079 |
| 98, | 18 Aug, | 09:05:18, | 0.074 |
| 99, | 18 Aug, | 09:06:18, | 0.073 |
| 100, | 18 Aug, | 09:07:18, | 0.076 |
| 101, | 18 Aug, | 09:08:18, | 0.071 |
| 102, | 18 Aug, | 09:09:18, | 0.075 |
| 103, | 18 Aug, | 09:10:18, | 0.080 |
| 104, | 18 Aug, | 09:11:18, | 0.083 |
| 105, | 18 Aug, | 09:12:18, | 0.101 |
| 106, | 18 Aug, | 09:13:18, | 0.091 |
| 107, | 18 Aug, | 09:14:18, | 0.081 |
| 108, | 18 Aug, | 09:15:18, | 0.074 |
| 109, | 18 Aug, | 09:16:18, | 0.074 |
| 110, | 18 Aug, | 09:17:18, | 0.078 |
| 111, | 18 Aug, | 09:18:18, | 0.076 |
| 112, | 18 Aug, | 09:19:18, | 0.068 |
| 113, | 18 Aug, | 09:20:18, | 0.072 |
| 114, | 18 Aug, | 09:21:18, | 0.073 |
| 115, | 18 Aug, | 09:22:18, | 0.072 |
| 116, | 18 Aug, | 09:23:18, | 0.068 |
| 117, | 18 Aug, | 09:24:18, | 0.062 |
| 118, | 18 Aug, | 09:25:18, | 0.064 |
| 119, | 18 Aug, | 09:26:18, | 0.062 |
| 120. | 18 Aisg, | 09:27:18, | 0.059 |
| 121, | 18 Aug, | 09:28:18, | 0.062 |
| 122, | 18 Aug, | 09:29:18, | 0.059 |
| 123, | 18 Aug, | 09:30:18, | 0.067 |
| 124, | 18 Airg, | 09:31:18, | 0.066 |
| 125, | 18 Aug, | 09:32:18, | 0.068 |
| 126, | 18 Aug, | 09:33:18, | 0.069 |
| 127, | 18 Aug, | 09:34:18, | 0.065 |
| 128, | 18 Aug, | 09:35:18, | 0.067 |


| 127, | Io nuy, |  |  |
| :---: | :---: | :---: | :---: |
| 131 | 18 Aug, |  | 0.070 |
| 132 | 18 Aug, | 09:39:18, | 0.070 |
| 133, | 18 Aug, | 09:40:18 | 0.070 |
| 134, | 18 Aug, | 09:41:18, | 0.073 |
| 135, | 18 Aug, | 09:42:18, | 0.071 |
| 136, | 18 Aug, | 09:43:18, | 0.075 |
| 137, | 18 Aug, | 09:44:18, | 0.072 |
| 138, | 18 Aug, | 09:45:18, | 0.065 |
| 139. | 18 Aug, | 09:46:18, | 0.065 |
| 140, | 18 Aug, | 09:47:18 | 0. |
| 141, | 18 Aug, | 09:48:18, | 0.067 |
| 142, | 18 Aug, | 09:49:18, | 0.076 |
| 143, | 18 Aug, | 09:50:18, | 0.077 |
| 144, | 18 Aug, | 09:51:18, | 0.070 |
| 145 | 18 Aug, | 09:52:18, | 0.066 |
| 146, | 18 Aug, | 09:53:18, | 0.067 |
| 147, | 18 Aug, | 09:54:18, | 0.066 |
| 148, | 18 Aug, | 09:55:18, | 71 |
| 149, | 18 Aug, | 09:56:18, | 0.070 |
| 150 | 18 Aug, | 09:57:18, | 0.073 |
| 151, | 18 Aug, | 09:58:18, | 0.081 |
| 152, | 18 Aug, | 09:59:18, | 0.089 |
| 153, | 18 Aug, | 10:00:18, | 0.095 |
| 154, | 18 Aug, | 10:01:18, | 0.092 |
| 1.55; | 18 Aug, | 10:02:18, | 0.093 |
| 156, | 18 Aug, | 10:03:18, | 0.092 |
| 157, | 18 Aug, | 10:04:18, | 094 |
| 158, | 18 Aug, | 10:05:18, | 0.090 |
| 159, | 1.8 Ang, | 10:06:18, | 0.090 |
| 160, | 18 Aug, | 10:07:18, | 0.090 |
| 161, | 18 Aug, | 10:08:18, | 0.090 |
| 162, | 18 Aug, | 10:09:18, | 0.093 |
| 163, | 18 Aug, | 10:10:18, | 0.088 |
| 164, | 18 Aug, | 10:11:18, | 0.085 |
| 165, | 18 Aug, | 10:12:18, | 0.079 |
| 166, | 18 Aug, | 10:13:18, | 0.097 |
| 167, | 18 Aug. | 10:14:18, | 0.092 |
| 168, | 18 Aug, | 10:15:18, | 0.085 |
| 169, | 18 Aug, | 10:16:18, | 083 |
| 170, | 18 Aug, | 10:17:18, | 0.091 |
| 171., | 18 nlg , | 10:18:18, | . 095 |
| 172, | 18 Aug, | 10:19:18, | 0.097 |
| 173, | 18 Aug, | 10:20:18, | 0.097 |
| 174, | 18 Aug, | 10:21:18, | 0.097 |
| 1\%4, | 18 Aners, | 10:2\%:14, | 0.103 |
| 176, | 18 Ang, | 10:23:18, | 0.105 |
| 1\%, | 18 Aug, | 10:24:18, | 0.702 |
| 178, | 18 Aug, | 10:25:18, | 0.105 |
| ?19, | 18 Ang, | 10:26:18, | $0.09 \%$ |
| 180, | 18 Aug, | 10:27:18, | 0.099 |
| 181, | 18 Aug, | 10:28:18, | . $10 \%$ |
| 182, | 18 Aug, | 10:29:18, | 0.099 |
| 183, | 78 ming, | 10:30:18, | 0.103 |
| 184, | 18 Aug, | 10:31:18, | 0.097 |
| 185, | 18 Aug, | 10:32:18, | $0.03 \%$ |
| 186, | 18 Aug, | 10:33:18, | 0.102 |
| 18\%, | 1.8 fug, | 10:34:18, | 0.109 |
| 188. | 18 Aug, | 10:35:18, | 0.115 |
| 189, | 1.8 Aug, | 10:36:18, | 0.102 |
| 190, | 18 Aug, | 10:37:18, | 0.094 |
| 191, | 18 Ming, | 10:38:18, | 0.093 |
| 192, | 18 Aug, | 10:39:18, | 0.092 |
| 193, | 18 Ang, | 10:40:18, | 0.090 |
| 194. | 18 Ang, | 10:41:18, | 0.087 |
| 195, | 8 Aiag. | 10:42:18, | 0.091 |
| 196, | 18 Aug, | 10:43:18, | 0.086 |
| 197, | 18 Aug, | 10:44:18, | 0.085 |
| 198, | 18 Aug, | 10:45:18, | 0.081 |
| 199, | 18 Aug, | 10:46:18, | 0.087 |


|  | 10 muy, |  |  |
| :---: | :---: | :---: | :---: |
| 201, | 18 Aug, | 10:48:18, |  |
| 202 | 18 Aug, | 10:49:18, | 0. |
| 203 | 18 Aug, |  | 0.080 |
| 204 | 18 Aug, | 10:51:18, | 81 |
| 2 | 18 Aug, | 10:52:18 | . 081 |
| 206, | 18 Aug, | 10:53:18, | 2 |
| 207, | 18 Aug, | 10:54:18, | 0.081 |
| 208, | 18 Aug, | 10:55:18, | 0.082 |
| 20 | 18 Aug, | 10:56:18, | 0.084 |
| 210, | 18 Aug, | 10:57:18, | 4 |
| 211, | 18 Aug, | 10:58:18, | 0.088 |
| 212, | 18 Aug, | 10:59:18 | 0.085 |
| 3 | 18 Aug, | 11:00:18, | 0.082 |
| , | 18 Aug, | 11:01:18, | 7 |
| 215 | 18 Aug, | 11:02:18, | 81 |
| 6, | 18 Aug | 11:03:18, | 0.082 |
| 217, | 18 Aug, | 11:04:18, | 0.080 |
| 18. | 18 Aug | 11:05:18, | . 083 |
| 219, | 18 Aug | 11:06:18, | 0.089 |
| 0 | 18 Aug | 11:07:18, | $0.084^{\circ}$ |
| 221, | 18 Aug, | 11:08:18 | 93 |
| 22 | 18 Aug, | 11:09:18, | 8 |
| 223, | 18 Aug, | 11:10:18, | 087 |
| 224, | 18 Aug, | 11:11:18, | 1 |
| 225, | 18 Aug, | 11:12:18, | 81 |
| 226, | 18 Aug, | 11:13:18, | 2 |
| 227, | 18 Aug, | 11:14:18, | 80 |
| 228, | 18 Aug, | 11:15:18, | 0.081. |
| 229, | 18 Aug | 11:16:18, | 0.082 |
| 230, | 1.8 Ang, | 11:17:1.8, | 7 |
| 231, | 18 Aug | 11:18:18, | 3 |
| 232., | 18 Aug, | 11:19:18: | 83 |
| 233, | 18 Aug, | 11:20:18, | - |
| 234. | 18 Aug, | 11:21:18, | 0.077 |
| 235, | 18 Aug, | 11:22:18; | 0.079 |
| 236, | 18 Aing, | 11:23:18, | 0.078 |
| 237, | 18 Aug, | 11:24:18, | 880 |
| 238. | 18 Ang, | 11:25:18, | 80 |
| 239, | 18 Aug, | 11:26:18, | 082 |
| 240, | 18 Aug, | 11:27:18, | . 079 |
| 41, | 18 Aug, | 11:28:18, | 079 |
| 242, | 18 Aug, | 111:29:18, | . 080 |
| 243 ; | 18 Aug. | 11:30:18; | 0.079 |
| 244, | 18 Aug. | 11:31:18. | 0.076 |
| 245, | 18 Aug. | 11:32:18, | 75 |
| 246, | 18 Ang, | 11:33:18, | 077 |
| 247: | 18 Aug, | 11:34;18; | . 075 |
| 48. | 18 Airg, | 1.1:35:18. | 74 |
| 249. | 18 Aug: | 11:36:18, | 0.074 |
| 250 , | 18 Ang, | 11:37:18, | . 073 |
| 251, | 18 Aug, | 11:38:18, | 0.071 |
| 25\%, | 1.8 Aug, | 11:39:18. | , |
| 253. | 18 Aug. | 11:40:18, | . 07 |
| 254, | 18 Aug, | 11:41:18, | 0.071 |
| 255; | 18 Aug, | 11:42:18, | 0.074 |
| 256. | 18 Aug, | 11:43:18. | 0. |
| 257. | 18 Aug. | 11:44:18, | 0.075 |
| 258, | 18 Aiag; | 111:45:18, | 0. |
| 259. | 18 Aug: | 11:46:18, | 0.074 |
| 260, | 1.8 Aug, | 11: 47:18; | 0. |
| 261, | 18 Ang. | 11:48:18. | 0.075 |
| 262. | 18 Abg, | 11:49:18, | 0.074 |
| 263: | 18 Aug, | 11:50:18. | 0.075 |
| 264 , | 18 Aug , | 11:51:18. | . |
| 265. | : 18 Ang, | 11:52:18, | 0.07 |
| 2666, | , 18 Andg: | 11:53:18, | 0.106 |
| 267. | , 18 Aur, | 11:54;18. | 0.078 |
| 268. | , 18 Aug. | - $11: 55: 18$, | 0.081 |
| 269. | : 18 Auri. | . $11: 56: 18$. | 0.08 |
| 270 | 18 Ang, | 11.57: | 0. |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 272 | 8 Au |  | 0.082 |
| 273 | 18 Aug, | 12:00:18 | 0.092 |
|  | 18 Aug | 12:01:18 | 0.085 |
| 275 | 18 Au | 12:02:18 |  |
| 76. | 18 Aug, | 12:03:18 | 5 |
| 77 | 18 Aug | 12:04:18 | 2 |
| 78, | 18 Aug | 12:05:18 | 82 |
| 279, | 18 Aug | 12:06:18 | 8 |
| 0 , | 18 Aug. | 12:07:18 | 0.082 |
| 1 | 18 Aug | 12:08:18, |  |
| 82. | 18 Aug, | 12:09:18 | 5 |
| 3 | 18 Aug | 12:10:18 | 0.078 |
| 84. | 18 Aug | 12:11:18 | 5 |
| 285, | 18 Aug | 12:12:18 | 0.075 |
| 6 | 18 Aug | 12:13:18 | 0.075 |
| 87, | 18 Aug | 12:14:18 | 0.076 |
| 8 | 18 Aug | 12:15:18 | 3 |
| 289. | 18 Aug |  | 5 |
| 0 | 18 Aug | 12:17:18 | 8 |
| 291, | 18 Aug, | 12:18:18, | . 073 |
| 292, | 18 Aug | 12:19:18, | 0.072 |
| 293, | 18 Aug, |  | 0.068 |
| 294. | 18 Aug, | 12:21:18 | 2 |
| 295, | 18 Aug, |  | 7 |
| 296, | 1.8 Ang, | 12:23:18 | 0.072 |
| 7, | 18 Ang | 12:24:18, | 69 |
| 298. | 18 Ang. | 12:25:18 | 0.070 |
| 9, | 18 Aug | 12:26:18 | 73 |
| 300, | 1.8 Aug, | 12 | . 0.070 |
| 1. | 18 Aldg | 12:28:18 | 72 |
| 02, | 18 Aug, |  | . 073 |
| 03, | 18 Aug, | 12:30:18 | . 077 |
| 04 , | 18 Aug, |  | 073 |
| 05. | 18 Aug, | 12:32:18, | . 072 |
| 306 . | 18 Aug, | 12:33:18 | . 086 |
| 07. | 18 Aug, | 12:34:18, | 0.075 |
| 308 | 18 Aug | 1.2:35:18, | 0.072 |
| 309, | 18 Ang, | 12:36 | 70 |
| 310, | 18 Aug, | 12:37:18, | 5 |
| 311, | 18 Aug. | 12:38:18, | 76 |
| 312, | 18 Aug, | 12:39:18, | 3 |
| 313, | 18 Aug | 1.2:40:18, | 073 |
| 314 , | 18 Ang, | 12:41;18, | 0.071 |
| 315 | 18 Aug, | 12:42:18: | 0.073 |
| 316. | 18 Ang. | 17:43:18, | 69 |
| 317, | 18 Ang, | 12:44:18, | 0.078 |
| 318. | 18 Ang, |  | 7 |
| 31.9, | 18 Augit | 12: $46: 18$, | . 077 |
| 0. | 18 Ang |  | 0.076 |
| 321, | 18 Ang, | 12:48:18, | 0.074 |
| 7. | 18 Ang | 12:49:18, | 0.074 |
| 32.3, | 1.8 Ang, | 12:50:18, | 0.07 |
| 324, | 18 Ang: | 17:51:18, | 0.073 |
| 325. | 18 Aug, | 12:52:18, | 0.073 |
| 326. | 18 Ang. | 12:53:18, | 0.075 |
| 327, | 18 Aug, | 12:54:18, | 0.092 |
| 328, | 18 Alrg, | 12:55:18, | 0.075 |
| 329, | 18 Ang, | 12:56:18, | 0.074 |
| 330, | 18 Ang, | 12:57:18, | 77 |
| 331 | 18 Aug, | 12:58:18. | 0.073 |
| 337, | 18 Aug. | 12:59:18, | 0.073 |
| 33 | 18 Aig, | 13:00:18, | 0.072 |
| 334. | 18 Aug, | 13:01:18. | 0.073 |
| , | 18 Aug. | 13:02:18. | 0.074 |
| 36. | 18 Ang, | 13:03:18. | 0.068 |
| 3: | 18 Alsg, | 13:04:18. | 0.083 |
| 338, | 18 Aug, | 13:05:78, | 0.070 |
| 339, | 18 Aug. | 13:06:18, | 0.073 |
| 340, | 18 Ang: | 13:07:18 | 0.070 |
| 341. | 18 Ang. | 13:08:18 | 0.07 |


| $24<1$ | 10 muy， | 1コこレフ：10， | U． |
| :---: | :---: | :---: | :---: |
| 343， | 18 Aug， | 13：10：18， | 0.067 |
| 344. | 18 Aug， | 13：11：18， | 0.069 |
| 345， | 18 Aug， | 13：12：18， | 0.076 |
| 346 ， | 18 Aug， | 13：13：18， | 0.074 |
| 347， | 18 Aug， | 13：14：18， | 0.086 |
| 348 ， | 18 Aug， | 13：15：18， | 0.077 |
| 349， | 18 Aug， | 13：16：18， | 0.079 |
| 350， | 18 Aug， | 13：17：18， | 0.079 |
| 351 ， | 18 Aug， | 13：18：18， | 0.076 |
| 352， | 18 Aug， | 13：19：18， | 0.081 |
| 353， | 18 Aug， | 13：20：18， | 0.084 |
| 354 ， | 18 Aug， | 13：21：18， | 0.084 |
| 355, | 18 Aug， | 13：22：18， | 0.085 |
| 356， | 18 Aug， | 13：23：18， | 0.075 |
| 357 ， | 18 Aug， | 13：24：18， | 0.077 |
| 358， | 18 Aug， | $13: 25: 18$ ， | 0.074 |
| 359， | 18 Aug， | 13：26：18， | 0.074 |
| 360， | 18 Aug， | 13：27：18， | 0.070 |
| 361, | 18 Aug， | 13：28：18， | 0.067 |
| 362， | 18 Aug， | 13：29：18， | 0.074 |
| 363， | 18 Aug， | 13：30：18， | 0.071 |
| 364 ， | 1.6 Aug， | 13：31：18， | 0.072 |
| 365 ， | 18 Aug， | 13：32：18， | 0.070 |
| 366 ， | 18 Aug， | 13：33：18， | 0.066 |
| 367 ， | 18 Aug， | 13：34：18， | 0.062 |
| 368， | 18 Aug， | 13：35：18， | 0.065 |
| 369， | 18 Aug， | 13：36：18， | 0.065 |
| 370， | 18 Alig： | 13：37：18， | 0.068 |
| 371 ， | 18 Aug， | 13：38：18， | 0.067 |
| 372. | 18 Ang， | 13：39：18， | 0.068 |
| 373 ， | 18 Ang， | 13：40：18， | 0.066 |
| 374. | 18 Aisg， | 1．3：41：18， | 0.073 |
| 375， | 18 Ang． | 13：42：18， | 0,065 |
| 376. | 1．f Ang， | 13：43：18， | 0.067 |
| 377， | 18 Ang． | 13：44：18， | 0.066 |
| 378， | 18 Airg， | 13：45：18， | 0.065 |
| 379， | 18 Ang． | 13：46：18， | 0.056 |
| 380. | 1.8 Aisg， | 13：47：18， | 0.073 |
| 381. | 1.8 Aug， | 13：48：18， | 0.074 |
| 382， | 18 Ang， | 13：49：18． | 0.070 |
| 383. | 18 Allg， | 13：50：18， | 0.076 |
| 384， | 18 Ang， | 13：51：18， | 0.068 |
| 385， | 18 Alag， | 13：52：18， | 0.067 |
| 386： | 1.8 Aug， | 13：53：18． | 0.073 |
| 387. | 18 Ang； | 13：54：18， | 0.069 |
| 3¢\％， | 18 Ang， | 13：55：18， | 0.073 |
| 389， | 18 Ang， | 13：56：18， | 0.073 |
| 390. | 1.8 Alug， | $13.57: 18$. | 0.07 .3 |
| 391. | 18 Ang， | 13：58：18， | 0.069 |
| 39\％， | 18 Aing， | 13：59：18， | 0.071 |
| 39.3 ， | 18 Ang， | 14：00：18， | 0.077 |
| 394， | 18 Aug． | $14: 01=18$, | 0.070 |
| 395. | 18 Allg， | 14：02：18， | 0.065 |
| 306， | ls Ang． | 14：03：18． | 0.067 |
| 397 ， | 18 Ang． | 14：04：18， | 0.069 |
| 398， | 18 Ang， | 14：05：18， | 0.072 |
| 399. | 18 Ang． | 14：06：18： | 0.070 |
| 400， | 18 Aing， | 14：07：18， | 0.073 |
| 401. | 18 Ang． | 14：08：18， | 0.070 |
| 402， | 18 Aug， | 14：09：18． | 0.097 |
| 403. | 18 And． | 14：10：18， | 0.081 |
| 404， | 18 Ang． | 14：11：18， | 0.074 |
| 40.5 ， | 18 Ang， | 14：12：18， | 0.065 |
| 406. | 18 Al19， | 14：13：18， | 0.067 |
| 407 ， | 18 Ang， | 14：14：18， | 0.075 |
| $40 \%$ \％ | 18 Aijg， | 14：15：18， | 0.073 |
| 409 ， | ， 18 Ang， | 14：16：18， | 0.073 |
| 410 ． | ， 18 Aug， | 14：17：1豆， | 0.066 |
| 411. | ， 18 Ang， | 14：18：18． | 0.059 |
| 412， | ， 18 Alug． | 14：19：18， | 0.077 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 4 | 18 Aug, |  | 9 |
| 41 | 18 Aug, | 14:22:18, | 9 |
| 4 | 18 Aug, | 14:23:18, | 0.072 |
| 417 | 18 Aug, | 14:24:18 | 0.073 |
| 18 | 18 Aug, | 14:25:18, | 0.074 |
| 9, | 18 Aug, | 14:26:18 | 0.074 |
| 0, | 18 Aug, | 14:27:18, | 0.073 |
| 1 | 18 Aug, | 14:28:18, | 5 |
| 422, | 18 Aug, | 14:29:18, | 0.073 |
| 3 | 18 Aug, | 14:30:18, | 5 |
| 4 | 18 Aug, | 14:31:18, | . 81 |
| 425, | 18 Aug | 14:32:18, | 5 |
| 6, | 18 Aug, | 14:33:18, | 1 |
| 7 | 18 Ang, | 14:34:18, |  |
| 28, | 18 Aug, | 14:35:18, | 0.077 |
| 429, | 18 Aug, | 14:36:18, | 78 |
| 430, | 18 Aug, | 14:37:18, | 81 |
| 31. | 18 Aug | 14:38:18, | 9 |
| , | 18 Aug, | 14:39:18, | 80 |
| 433, | 18 Aug, | 14:40:18, | 0.087 |
| 34. | 1.8 Aug | 14:41:18, | 91. |
| 435. | 18 Ang, | 14:42:18, | 8 |
| 6, | 18 Aug, | 14:43:18, | 4 |
| 37. | 18 Aing: | 14:44:18; | . 11.5 |
| 38, | 18 Allgr | 14:45:18, | 09 |
| 4.39. | 18 Ang. |  | . 190 |
| 440. | 18 Aug, | 14:47:18, | 8 |
| 1, | 8 Aug. | 14:48:18, | 8 |
| 442. | 18 Ang. | 14:49:18, | 0.091 |
| 3. | 18 Ang | 14:50:18, | 0.088 |
| 44.4, | 18 Aug. | 1.4:51:18, | 0.093 |
| 5. | 18 Ang, | 14:57:18, | 5 |
| 446 \% | 18 Ang, | 14. | .085 |
| 47. | 18 ming: | 14:54:18, | 0.080 |
| 448 , | 18 Arg, | 14:55 | 0.090 |
| 419. | 18 Ands. | 14:56:18, | 0.083 |
| ก, | 1.8 Aug, | 14:57:18: | 0.077 |
| 51. | 18 Ang: | 14:58:18, | 0.074 |
| 52. | 1.8 Aldg: | 14:59:18, | 0.080 |
| 453, | 18 Ang: | 15:00:18, | 0.084 |
| 4.54, | 18 Ang, | 15:01:18, | . 085 |
| 4.55, | 18 Ang, | 15:02:18, | 84 |
| 456 . | 18 Alug, | 15:03:18, | 86 |
| 57. | $\underline{18}$ Aijg. | 15:04:18. | .095 |
| 4.58, | 18 Alng. | 15: 0.5 : 18.8 | 0.085 |
| 59, | 8 Ang. | 15:06:18, | . 080 |
| 460 , | 18 Ang: | 15:07:18, | . 081 |
| 461, | 18 Ang. | 15:08:18, | . 0 |
| 462. | 18 Alsg | 1.5:09:18.8 | 08 |
| $44^{6} 3$. | 18 Ang. | 15:10:18, | . 080 |
| 464 , | 18 Aljg, | 15:11:18 | . 083 |
| 465. | 18 Ang. | 15:17:18, | 0.090 |
| 466. | 18 Ang. | 15:13:18. | . 082 |
| 67. | 18 Ang, | 15:14:18, | . 08 |
| 468 . | 18 Alug. | 15:15:18, | 081 |
| 469. | 18 Ang, |  | . 087 |
| 470. | 18 Ang. | 15:17:18. | . 078 |
| 71, | 18 Ang, | 15:18:18, | 0.084 |
| 472. | 18 Ang. | 15:19:18. | 0.082 |
| 473, | ¢ Alug, | 15:20:18 | 0.087 |
| 474. | 18 Alla. | 15:21:18, | 0.08 |
| 475 , | 18 Ang. | 15:92:18, | 0.082 |
| 476. | 18 Ang. | 15:23:18, | 0.088 |
| 477 , | 18 Ang, | 15:74:18, | 0.09 |
| 478. | 18 Anlo. | 15: 75.18. | 0.091 |
| 479, | ¢ B Ang: |  | 0.091 |
| 480, | 18 Ang. | 15:27:18, | 0.08 |
| 481. | 8 Aug, | 15:78:18. | 0.09 |
| 482 | 18 Ang. | 15:29:18. | 0.09 |
| 48.3 | 18 Anct | 15:30:18, | 0.09 |


|  | \% Hug, |  |  |
| :---: | :---: | :---: | :---: |
| 485, | 18 Aug, | 15:32:18, | 0.085 |
| 486, | 18 Aug, | 15:33:18, | 0.088 |
| 87 | 18 Aug, | 15:34:18, | 0.087 |
| 488, | 18 Aug, | 15:35:18, | 0.082 |
| 489. | 18 Aug, | 15:36:18, | 0.084 |
| 490 | 18 Aug, | 15:37:18, | 0.083 |
| 91, | 18 Aug, | 15:38:18, | 0.080 |
| 92, | 18 Aug, | 15:39:18, | 0.087 |
| 93, | 18 Aug, | 15:40:18, | 0.077 |
| 94 | 18 Aug, | 15:41:18, | 0.082 |
| 495, | 18 Aug, | 15:42:18, | 0.077 |
| 496, | 18 Aug, | 15:43:18, | 0.076 |
| 97, | 18 Aug, | 15:44:18, | 0.074 |
| 498, | 18 Aug, | 15:45:18, | 0.074 |
| 99, | 18 Aug, | 15:46:18, | 0.074 |
| 00, | 18 Aug, | 15:47:18, | 0.074 |
| , | 18 Aug, | 15:48:18, | 0.078 |
| 502 , | 18 Ang; | 15:49:18, | 0.073 |
| 503, | 18 Aug, | 15:50:18, | 0.078 |
| 504 , | 18 Amg: | 15:51:18; | 0.075 |
| 505, | 18 Aug, | 15:57:18: | 0.075 |
| 506. | 18 Aug; | 15:53:18, | 0.074 |
| 507. | 18 Angr, | 1.5:54:18 | 0.101 |
| 508, | 18 Ang, | 15:55:18, | 0.081 |
| 509, | 18 Aug, | 15:56:18: | 0.080 |
| 10. | 18 Avg, | 15:57:18, | 0.079 |
| 511. | 18 Ang, | 15:58:18 | 0.080 |
| 512, | 18 Aug, | 15:59:18, | 0.089 |
| 513. | 18 Aug. | 16:00:18 | 77 |
| 514 ; | 18 Aug, | 16:01:18, | 0.076 |
| 515. | 18 Anct, | 16:02:18 | 0.073 |
| 516. | 18 Ang, | 16:03:18, | 0.074 |
| 517 , | 18 Angr, | 16:04:78, | 0.07 .3 |
| 518, | 18 Aug, | 16:05:18, | 0.075 |
| 19. | 18 Ang. | 16:06:18, | 0.076 |
| 520, | 18 Aing, | 16:07:18, | 0.074 |
| 521. | 18 Ang. | 16:08:18, | 0.072 |
| 592, | 18 Ang. | 16:09:18, | 0.076 |
| 523. | 18 Ang, | 16:10:18. | 0.073 |
| 594 , | 18 Alug, | 16:11:18, | 0.073 |
| 525. | 18 Alug. | 16:12:18. | 0.072 |
| ¢ | 18 Ang, | 16:13:18, | 0.075 |
| 577 : | 18 Ang. | 16:14:18, | 0.075 |
| 598, | 18 Ang. | 16:15:18; | 0.077 |
| 599, | 18 Ang. | 16:16:18, | 0.079 |
| 530, | 18 Ang, | 16:17:18, | 0.080 |
| 531. | 18 Alis. | 16:18:18: | 0.079 |
| $53 \%$, | 18 Ang , | 16:13:18; | 0.081 |
| 33. | 18 Aug; | 16:20:18: | 0.080 |
| c,34. | 18 Ping, | 16:21:18. | 0.076 |
| 535. | 18 Anst. | 16:77:18, | 0.077 |
| 536, | 18 Aug, | 16:23:18, | 0.073 |
| 537. | 18 Ang. | 16:24:18: | 0.070 |
| 539, | 18 Avg, | 16:25:18, | 0.077 |
| 539. | 18 Anrs. | 16:26:18, | 0.069 |
| 540 . | 78 Angr | 16:27:18, | 0.065 |
| 541 : | 18 Ang. | 16:28:18: | 0.067 |
| 542, | 7n 2 a\%, | 16:29:18. | 0.069 |
| 543 , | 18 Anrs, | 16:30:18: | 0.077 |
| 44. | 18 Angr, | 16:31:18. | 0.077 |
| 4.5. | 18 Ansf. | 16:32:18: | 0.070 |
| 40 | 18 Ang, | 16:33:18, | 0.068 |
| 47. | 18 Anro. | 16:34:18, | 0.067 |
| A8, | 18 Aug, | 16:35:18, | 0.068 |
| 49. | 18 Ancr. | 16:36:18. | 0.066 |
| 50, | 18 Ang: | 16:37:18, | 0.068 |
| 51. | 18 Anc: | 16:38:18, | 0.067 |
| 52. | 18 Ang. | 16:39:18, | 0.077 |
| 5.3. | 18 Ans: | 16:40:18 | 0.067 |

Tag Number: 11
Number of logged points: 495
Start time and date: 07:38:16 19-Aug
Elapsed time: 08:15:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.201 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 13:55:37 Aug 19
Max STEL Concentration: $0.065 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 08:24:17 Aug 19
Overall Avg Conc: $0.034 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$

1, 19 Aug, 07:39:16, 0.051
2, 19 Aug, $07: 40: 16,0.053$
3, 19 Aug, 07:41:16, 0.060
4, 19 Aug, 07:42:16, 0.067
5, 19 Aug, 07:43:16, 0.069
6, 19 Aug, 07:44:16, 0.062
7, 19 Aug, 07:45:16, 0.059
8, 19 Aug, 07:46:16, 0.052
9, 19 Aug, 07:47:16, 0.069
10, 19 Aug, 07:48:16, 0.060
$\begin{array}{lll}11, & 19 \text { Aug, 07:49:16, } & 0.057 \\ 12,19 \text { Aug, 07:50:16, } & 0.054\end{array}$
$\begin{array}{lll}12, & 19 \text { Aug, } 07: 50: 16, & 0.054 \\ 13,19 \text { Aug, } & 07: 51: 16, & 0.056\end{array}$
$\begin{array}{lll}14, & 19 \text { Aug, } 07: 52: 16, & 0.074 \\ 15,19 \text { Aug, } & 07: 53: 16, & 0.071\end{array}$
16, 19 Aug, 07:54:16, 0.062
17, 19 Aug, 07:55:16, 0.070
19, 19 Aug, 07:57:16, 0.059
$\begin{array}{lll}20,19 \text { Aug, } & 07: 58: 16, & 0.057 \\ 21,19 \text { Aug, } 07: 59: 16, & 0.059\end{array}$
22, 19 Aug, 08:00:16, 0.065
$\begin{array}{lll}23,19 \text { Aug, } 08: 01: 16, & 0.059 \\ 24,19 \text { Aug, } 08: 02: 16, & 0.052\end{array}$
25, 19 Aug, 08:03:16, 0.060

26, 19 Aug, 08:04:16, 0.055
27, 19 Aug, 08:05:16, 0.053
28, 19 Aug, 08:06:16, 0.050
$\begin{array}{lll}29,19 \text { Aug, } 08: 07: 16, & 0.054 \\ 30,19 \text { Aug, } 08: 08: 16, & 0.061\end{array}$
31, 19 Aug, 08:09:16, 0.055
32, 19 Aug, 08:10:16, 0.051
33, 19 Aug, 08:11:16, 0.052
34, 19 Aug, 08:12:16, 0.058
35, 19 Aug, 08:13:16, 0.058
36, 19 Aug, $08: 14: 16,0.054$
37, 19 Aug, 08:15:16, 0.062
38, 19 Aug, $08: 16: 16,0.070$
39, 19 Aug, 08:17:16, 0.083
40, 19 Aug, 08:18:16, 0.060
41, 19 Aug, 08:19:16, 0.091
42, 19 Aug, $08: 20: 16,0.069$
43,19 Aug, $08: 21: 16,0.064$
$\begin{array}{lll}44,19 \text { Aug, } 08: 22: 16, & 0.075 \\ 45,19 \text { Aug, } 08: 23: 16, & 0.060\end{array}$
46, 19 Aug, 08:24:16, 0.066
47, 19 Aug, $08: 25: 16,0.052$
48, 19 Aug, 08:26:16, 0.061
49, 19 Aug, $08: 27: 16,0.051$
50, 19 Aug, 08:28:16, 0.057
51, 19 Aug, 08:29:16, 0.054
52, 19 Aug, 08:30:16, 0.050
53, 19 Aug, 08:31:16, 0.059
54, 19 Aug, 08:32:16, 0.052
55, 19 Aug, $08: 33: 16, \quad 0.055$
$\begin{array}{lll}56, & 19 \text { Aug, } & 08: 34: 16,\end{array} 0.050$

|  | 17 muy, |  | U. 040 |
| :---: | :---: | :---: | :---: |
| 59, | 19 Aug, | 08:37:16, | 0.044 |
| 60, | 19 Aug, | 08:38:16, | 0.049 |
| 61, | 19 Aug, | 08:39:16, | 0.047 |
| 62, | 19 Aug, | 08:40:16, | 0.049 |
| 63. | 19 Aug, | 08:41:16, | 0. |
| 64, | 19 Aug, | 08:42:16, | 0.045 |
| 65, | 19 Aug, | 08:43:16, | 0.047 |
| 66, | 19 Aug, | 08:44:16, | 0.040 |
| 67. | 19 Aug, | 08:45:16, | 0.055 |
| 68, | 19 Aug, | 08:46:16, | 0.055 |
| 69, | 19 Aug, | 08:47:16, | 0.043 |
| 70, | 19 Aug, | 08:48:16, | 0.046 |
| 71. | 19 Aug, | 08:49:16, | 0.045 |
| 72. | 19 Aug, | 08:50:16, | 0.044 |
| 73. | 19 Aug, | 08:51:16, | 0.050 |
| 4, | 19 Aug, | 08:52:16, | 0.050 |
| 75 | 19 Aug, | 08:53:16, | 0.047 |
| 76. | 19 Aug, | 08:54:16, | 0.047 |
| 77. | 19 Aug, | 08:55:16, | 0.051 |
| 78, | 19 Aug, | 08:56:16, | 0.046 |
| 79, | 19 Aug, | 08:57:16, | 0.052 |
| 80, | 19 Aug, | 08:58:16, | 0.047 |
| 81, | 19 Aug, | 08:59:16, | 0.048 |
| 82, | 19 Aug, | 09:00:1.6: | 0.04 .3 |
| 83, | 19 Aug, | 09:01:16, | 0.050 |
| 84. | 1.9 Aug: | 09:02:16, | 0.048 |
| 85. | 19 Aug, | 09:03:16, | 0.047 |
| 86, | 19 Aug, | 09:04:16, | 43 |
| 87, | 19 Aug, | 09:05:16, | 0.043 |
| 88. | 19 Ang, | 09:06:16, | 5 |
| 89, | 19 Alug, | 09:07:16, | 0.043 |
| 90, | 19 Aing , | 03:08:16, | 0.044 |
| 91. | 19 Aug, | 09:09:16, | 0.042 |
| 22, | 19 Aug , | 09:10:16, | . 039 |
| 93, | 19 Aug, | 09:11:16, | 0.041 |
| 94. | 19 Aing. | 09:12:16, | 0.045 |
| 95. | 19 Aug, | 09:13:16, | 0.044 |
| 6 | 19 Aug , | 09:14:16, | 0.044 |
| 97. | 19 Alug, | 09:15:16, | 43 |
| 98. | 19 Airg, | 09:16:16, | 0.044 |
| 99, | 19 Aug, | 09:17:16, | 39 |
| 1.00, | 1.3 Aug, | 09:18:36. | 0.043 |
| 101. | 19 Ang, | 09:19:16, | 0.048 |
| 102, | 19 Aug, | 09:20:16. | 0.044 |
| 103, | 19 Aug, | 09:21:16, | 0.043 |
| A, | 9 Ais. | 09:22:16, | 0.012 |
| 10.5, | 19 Aıga, | 09:23:16, | 0.043 |
| 106. | 19 Ang, | 09:24:1п, | 0.044 |
| 107, | 19 Aug, | 09:25:16. | 0.04 .5 |
| 709, | 19 ABg . | 03:26:16, | 0.045 |
| 109, | 19 Aug, | 09:27:16, | 0.045 |
| 110. | 19 Aldi | 09:98:16. | $0.04 \%$ |
| 111. | 19 Aug, | 09:29:16, | 0.04 .3 |
| $11 \%$ | 19 Ang ; | 09:30:16. | 0.041 |
| 113, | 19 Aug, | 09:31:16, | 0.065 |
| 114, | 19 Ang. | 09:37: 15, | 0.1949 |
| 115. | 19 Aug, | 09:33:16. | 0.049 |
| 16. | 19 Amg . | 09:34;16; | 0.044 |
| 117, | 19 Ang, | 09:35:16, | 0.04 .5 |
| 118. | 19 Aug. | 09:36:16, | 0.044 |
| 119, | 1.9 Alig, | 09:37:16, | 0.042 |
| $7 \%$ | 19 Ang, | 09:38:16. | 0.044 |
| 123, | 19 Alda, | 09:39:16, | 0.055 |
| 12\%. | 19 Aug. | 09:40:16, | 0.04\% |
| 123. | 19 Aug, | 09:41:16. | 0.044 |
| 194, | 19 Ang, | 09:42:16. | 0.040 |
| 125. | 19 Alur, | 09:43:16, | 0.040 |
| 12.6. | 19 Aug, | 09:44:16; | 0.048 |
| 127 , | 19 Alda. | 09:4.5:16, | 0.044 |
| 128. | 19 Aur, | 09:46:16, | 0.046 |


|  | 15 mug, |  |  |
| :---: | :---: | :---: | :---: |
| 130, | 19 Aug, |  |  |
| 131. | 19 Aug, | 09:49:16, | 0.042 |
| 2. | 19 Aug | 09:50:16 | 0 |
| 133, | 19 Aug, | 09:51:16, | 0.041 |
| 134, | 19 Aug, | 09:52:16 | 0.042 |
| 135, | 19 Aug, | 09:53:16, | 0.043 |
| 36. | 19 Aug, | 09:54:16, | 0.044 |
| 137 , | 19 Aug, | 09:55:16 | 2 |
| 38, | 19 Aug | 09:56:16, | 41 |
| 139, | 19 Aug, | 09:57:16 | 3 |
| 0, | 19 Aug, | 09:58:16, | 0.038 |
| 41 , | 19 Aug, | 09 | 2 |
| 42 , | 19 Aug, | 10:00:16, | 0.044 |
| 143, | 19 Aug | 10:01:16, | 0.041 |
| 144, | 19 Aug, | 10:02:16, | 0.045 |
| 145 , | 19 Aug, | 10:03:16, | 0.040 |
| 146 , | 19 Aug, | 10:04:16, | 0.045 |
| 7 | 19 Aug | 10:05:16, | 3 |
| 148, | 19 Aug, | 10:06:16, | 0.039 |
|  | 19 Aug | 10:07:16, | 0.045 |
| 150, | 19 Aug, | 10:08:16, | 0.051 |
| 51, | 19 Aldg | 10:09:16, | 2 |
| 152, | 19 Aug | 10:10:16 | . 043 |
| 153. | 19 Aug | 10:11:16, | . 4 |
| 54 , | 19 Aug, | 10:12:16 | 45 |
| 755, | 19 Aug, | 10:13:16, | 0.044 |
| 56, | 19 Aug, | 10:14:16, | . 050 |
| 157, | 19 Aing: | 10:15:16 | 43 |
| 158, | 19 Aug, | 10:16:16, | 41 |
| 159, | 19 Atsg, | 10 | . 042 |
| 160, | 19 Aug, | 10:18:16, | 0.040 |
| 161. | 19 Aug, | 10 | . 47 |
| 162, | 19 Aug, | 10:20:16, | 4 |
| 163. | 19 Aug, | 10:21:16, | 042 |
| 164, | 19 Aug, | 10:22:16, | 0 |
| 165, | 19 Aug, | 10:7.3:16, | 0.04 .3 |
| 166 , | 19 Aug, | 10:24:16, | 3 |
| 167. | 19 Aurg, | 10:25:16, | 0.042 |
| 168, | 1.9 Aug, | 10:26 | 0.044 |
| 169, | 19 Aug, | 10:27:16, | 0.04 .3 |
| 70, | 19 Aug, | 10:28:16, | 0.042 |
| 171. | 19 Aing, | 10:29:16, | 34 |
| 72, | 19 Aug, | 10:30:16, | 0.036 |
| 173, | 19 Ang, | 10:31:16. | 9 |
| 174, | 19 Aug. | 10:32:16, | 0.043 |
| 175, | 19 Ang, | 10: 33:16, | 035 |
| 176, | 19 Auga, | 10:34:16, | 0.054 |
| 177, | 19 Aug, | 10:35:16. | ? |
| 178, | 19 Aug, | 10:36:16, | 040 |
| 179. | 19 Ang, | 10:37:16. | 0.39 |
| 180, | 19 Aug, | 10:38:16, | 036 |
| 81. | 19 Aug. | 10:39:16. | (14) |
| 182, | 19 Aug, | 10:40:16, | . 038 |
| 182, | 19 Aug: | 10:41:15, | 42 |
| 184, | 19 Aug, | 10:42:16, | . 041 |
| 185, | 19 Ang, | 10:43:16 | 14 |
| 186, | 19 Aug, | 10:44:16. | . 040 |
| 187, | 19 Ang, | 10:45:16, | 43 |
| 188, | 19 Aug, | 10:46:16, | 0.036 |
| 189, | 19 Aug, | 10:47:16. | 40 |
| 190, | 19 Aug, | 10:48:16, | 0.040 |
| 197. | 19 Ans; | 10:49:16, | 0.038 |
| 192, | 19 Ang, | 10:50:16, | 0.038 |
| 793. | 19 Aug, | 10:51:16. | 0.039 |
|  | 19 Aug, | 10:52:16, | 0.041 |
| 190. | 79 ming; | 10:53:16, | 0.037 |
|  | , 19 Ang, | 10:54:16, | 0.045 |
| 197 : | , 19 Aug, | 10:55:16, | 0.050 |
|  | , 19 Aug, | 10:56:16, | 0.040 |
| 199, | , 19 Aự, | 10:57:16, | 0.035 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| 201. | 19 Aug, |  |  |
| 02, | 19 Aug, | 11:00:16, |  |
| 03, | 19 Aug, | 11:01:16 | 8 |
| 04, | 19 Aug, | 11:02:16 |  |
| , | 19 Aug, | 11:03:16 | 2 |
| , | 19 Aug, | 11:04:16 | 1 |
| 07, | 19 Aug, | 11:05:16 | 2 |
| 8 | 19 Aug | 11:06:16, |  |
| 9, | 19 Aug, | 11:07:16 | 7 |
| 210, | 9 Aug | 11:08:16 | 3 |
| $1{ }^{1}$ | 19 Aug, |  | 0.049 |
| 2 | 19 Aug | 11:10:16 | 9 |
| 3 , | 19 Aug |  | 2 |
| 4 | 19 Aug | 11:12:16 | 0.038 |
|  | 19 Aug |  | 37 |
| 6, | 19 Aug | 11:14:16 | 8 |
| 17 | 19 Aug | 11:15:16 | 6 |
| 18. | 19 Aug | 11:16:16, | 5 |
|  | 19 Alg | 11:17:16 | 7 |
| 220 , | 19 Aug |  | 0.037 |
|  | 19 Aug | 11:19:16 | 0.038 |
| 22. | 19 AıJ |  | 40 |
| 223, | 1.9 Aug | 11:21:16 | 0.042 |
| 24. | 19 Aug |  | . 041 |
| 5, | 19 Aug, | 11:23:16, | . 038 |
| 家, | 19 Ang | 11:94:16 | 38 |
| 227 , | 19 Aug | 11:25:16 | . 037 |
| 8 , | 19 Aug | 11:26:16 | 0.047 |
| 229, | 19 Aug |  | . 04.5 |
| 0. | 19 Ang | 11:28:16 | 1 |
| 31. | 19 Aug |  | 54 |
| 32, | 19 Aug. | 11:30:16 | .040 |
| 33, | 19 Aug, |  | 37 |
| 3, | 19 mus. | 11:30:16 | 0.038 |
| 235, | 19 Aug |  | 0.036 |
| 36. | 19 Airg, |  | , |
| 237 , | 19 Ang | 11:35:16, | 0.035 |
| 339, | nug; |  | 0.034 |
| 39. | 19 Ang, | 11:37:16 | 0.037 |
| 40, | 9 Augi |  | 0.046 |
| 1. | 19 Aug, | 11:39:15 | 0.037 |
|  | 9 Abg | ?1:40:75, | 04 |
| 43. | 19 Ang, | 11:41:16 | 0.0.34 |
| 44. | 19 Ang, | 11:42:16 | 0.039 |
| 245, | 19 Aug, |  | 0.03 |
| 16 | 19 Ang. | 11: 14:16 | 0. |
| 247, | 19 Aug, |  | 0.037 |
| 2.48, | 19 Aug, | 11:46:18, | 0.03 |
| 249, | 19 Aug, |  | . 3 |
| O, | : mig, | 11:48:16, | 0.032 |
| 51. | 19 Ang, | 11:49:16 | 31 |
| 25\%. | 19 Aug, | 11:50:76 | 0.038 |
| 53, | 19 Aug | 11:51:16 | 0.030 |
| 54, | 3 Ang , |  | . 029 |
| 255 | 19 Ang, | 11:53:16 | 0.029 |
| 256, | 19 Ang. |  |  |
| 257 , | 19 Andg, | 11.55:15 | 0.033 |
| 258, | 9 Pige, |  | 0.037 |
| 259, | 19 Ang, | 11:57:16 | . 036 |
| 260, | 19 Ang. |  | .033 |
| 261, | 19 Ang, | 11:59:16 | . 031 |
| ? 6 , | 19 mag. | 12:00:16 | 03 |
| 263, | 19 Ang, | 12:01:16, | . 038 |
|  | 19 Airg, | 12:02:16; |  |
| 265, | 19 Ang, | 12:03:16, |  |
| - | 9 Ang ; | 12:04:16, | 0 |
| 267, | 19 Aud. | 12:05:16, | 0.03 |
|  | 19 Aug. | 17:06:16 | -6\% |
| 269, | , 19 Ang, | 12:07:15, |  |
|  | 19 A | 12:08:16 | 0.0 |


|  | $y$ Hug, |  |  |
| :---: | :---: | :---: | :---: |
| 2, | 19 Aug |  |  |
| 273, | 19 Aug, | 12:11:16, | 2 |
| 74. | 19 Aug | 12:12:16, | 5 |
| 75. | 19 Aug, | 12:13:16, | 0.036 |
| 76, | 19 Aug | 12:14:16, | 6 |
| 77. | 19 Aug |  | 6 |
| 278, | 19 Aug | 12:16:16 | 39 |
| 79, | 19 Aug | 12:17:16 | 8 |
| 80, | 19 Aug | 12:18:16, | 36 |
| , | 19 Aug | 12:19:16, | 4 |
| 82, | 19 Aug, | 12:20:16, | 5 |
| 283, | 19 Aug | 12:21:16, | 7 |
| 84. | 19 Aug, | 12:22:16 | 34 |
| 85 | 1.9 Aug, | 12:23:16 | 1 |
| 86. | 19 Aug, | 12:24:16 | 9 |
| 87, | 19 Aug, | 12:25:16 | 6 |
| 88, | 19 Aug, | 12:26:16 | 0.045 |
| 89. | 19 Ang, | 12:27:16 | 35 |
| 90, | 19 Aidg, | 12:28:16 | 33 |
| 91, | 19 Aug, | 12:29:16, | 4 |
| 22 | 19 Au | 12:30:16, | 32 |
| 93. | 19 Ang, |  | 1 |
| 4 | 19 Aug | 12:32:16, | 31 |
| 295, | 19 Aug, |  | 029 |
| 296, | 19 Aldg, | 12:34:16 | 1 |
| 297, | 9 Ang, |  | 036 |
| 298, | 19 Aug, | 12:36:16, | 0.026 |
| 99. | 9 Ang | 17:37:16: | 6 |
| 300, | 19 Aug, | 12:38:16 | . 025 |
| , | 19 Alug | 12:39:16 | 22.2. |
| 302, | 19 Aug, | 12:40:16 | 22 |
| 303. | 19 Auct | 1):41:16. | 8 |
| 304, | 19 Aug, | 12 | 27 |
| 5.5, | 19 Pug | 12: $43: 16$, | 5 |
| 306, | 9 Alug, |  | . 25 |
| 307. | 19 Aug, | 12:45:16, | 1.027 |
| 08. | 19 Aug | 12:46:15 | 0.026 |
| 09, | 19 Aug, | 12:47:16 | 0.027 |
| 0. | 19 And, | 12:48:16, | 0.026 |
| 317. | 19 Alig. | 12. | 0.029 |
| 12, | 19 Aug | 12:50:16, | 0.028 |
| 373, | 19 Allg, |  | 0.072 |
| 14, | 19 Aug, | 12:52:16, | 0. |
| 375. | 19 Aug, | 19:53:16: | 02 |
| 16, | 19 Aldg, | 12:54:16 | 0.024 |
| \% | 19 Alig, | 12:5:16. | 0. |
| 18. | 1.9 Ava, | 12:56 | 0.024 |
| 319, | 19 Aug, | 19:57:16. | 0.0 |
| 320, | 19 Ang, | 12:58 | 0.026 |
| 321. | 19 Purg, | 72:59:16, | 0.025 |
| 322. | 19 Aug, | 13:00:16, | 0.070 |
| 323, | 19 Aug, | 13:07:16, | ..n. |
| 324, | 1.9 Ant, | 13:02:16, | 02 |
| $3 \%$ | 19 Aigi | 13:03:16, | 0.020 |
| 5 | 19 Ang. | 13:04:16 | 0.020 |
| 327. | 19 Ang, | 13:05:16, | 0.024 |
| 328, | 19 Aug, | 13:06:16, | 0.029 |
| 309 , | 19 Amg , | 13:0\%:16. | . 018 |
| 330, | 19 Ang, | 13:08:16 | 0.026 |
| 3.37 , | 19 Aug, | 13:09:16, | .04\% |
| 332. | 19 Ant. | 13:10;15 | 0.05 |
| \%\%3; | Is ming, | 73:11:16, | 0.0 |
| 334. | . 19 Ana, | 13:12:16, | . 02. |
| . 33.5 | . 19 Arsg. | 13.13 .75 | - 6 |
| 336. | , 19 Anc, | 13:14:16, | 0.018 |
| 7?: | : 19 mis ${ }^{\text {a }}$ | 13:15:76, | . |
| 338. | , 19 Aıja, | 13:16:16, | 0.02 |
| 339: | , 19 Alsg. | 13:17:16. | 0.02 c |
| 340. | : 19 Ana. | 13:18:16. | 0, |
| 341. | 19 | 13:19:1 |  |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 19 A |  | 0.034 |
| 344 , | 19 A | 13:22:16, | 0.026 |
| 45. | 19 Aug, | 13:33:16, | 0.019 |
| 46 , | 19 Aug, | 13:24:16, | 1 |
| 347. | 19 Aug, | 13:25:16, | 0.030 |
| 48. | 19 Augr, | 13:26:16, | 39 |
| 49, | 19 Auq, | 13:27:16 | 25 |
| 50, | 19 Aug, | 13:28:16, | 0.018 |
| 51. | 19 Aug, | 13:29:16 | 6 |
| 52, | 19 Aug, | 13:30:16 | 0.030 |
| 353 , | 19 Aug, | 13:31:16 | 3 |
| 354 , | 19 Aug, | 13:32:16 | . 020 |
| 55 | 19 Aua, | 13:33:16 | 30 |
| 56. | 19 Aug, | 13:34:16 | 034 |
| 57 | 19 Aua, | 13:35:16 | 29 |
| 58, | 19 Aug, | $13: 36: 16$ | 030 |
| 59. | 19 Aıa, | 13:37:16, | 0.025 |
| 60. | 19 Ang. | 13:38:16 | 026 |
| 61. | 19 Aua, | 13:39:1.6, | 9 |
| 62. | 19 Aug, | 13:40:16 | 9 |
| 63. | 1.9 Aua, | 13:41:16 | 8 |
| 64 , | 19 Aug, | 13:42:16 | 0.02 .2 |
| 6.5 | 19 Aura, | 13:43:16, | 023 |
| , | 19 Aug, | 13:44:16, | 021 |
| 67. | 19 Auq, | 13:45:16 | 025 |
| 68. | 19 Ang, | 13:46:16 | 2.5 |
| 69, | 19 Aua, | 13:47:16 | 02.3 |
| 70, | 19 Aug, | 13:48:16 | 0.027 |
| 71. | 19 Aug. | 13: | 0. 027 |
| 12. | 19 Allg, | 13:50:16, | 3 |
| 3. | 19 Ana | 13:51:16, | 0.02 .3 |
| 74. | 19 Ang, | 13:5\%:16, | 25 |
| 5 | 19 Aug, | 13:53:16, | 0.019 |
| 76, | 19 Allg, | 13:54:16 | 07.9 |
| 377, | 19 Aldg, | 13:55:16, | 0.031 |
| 78. | 19 Aug, | 13:5 | . 058 |
| 79, | 19 Aug, | 13:57:16, | 040 |
| 380. | 19 Alag | 13:58:16, | 033 |
| 1, | 19 Ana, | 13:59:16, | 034 |
| 22. | 19 Aug | 14:00:16. | 0.053 |
| 83. | 19 Aug, | 14:01:1.6 | 27 |
| 9, | 19 Aldg, | 14:02:16 | 0.037 |
| 85. | 19 Alda, | 14:03:1. | 5 |
| 86. | 13 Aug, | 14:04:16 | 0.029 |
| 7 | 19 Aug, | 14:05:16, | 0.026 |
| 98. | 9 Ant, | 14:06:16, | 025 |
| 89. | 19 Aua | 14:07:16, | 0.022 |
| 90. | 19 Aus. | 14:08: 6 ¢, | 0 |
| 91. | 19 Ang, | 14:09:16 | 0.024 |
| 92, | 19 Al:cg, | 74:10:16 | 0.028 |
| 393, | 19 Ana, | 14:11:16 | 0.024 |
| 9. | $39 \mathrm{~A}, \mathrm{id}$, | 14:7 | . 0.08 |
| 5. | 19 Aug, | 14:13:16 | . 022 |
| \%, | 19 Aug, | 74:14 | 0.017 |
| 97. | 19 Ano | 14:15:16 | 0.019 |
| 98. | 19 Ang, | 14:16:76, | 0.018 |
| 99. | 19 Aug. | 14:17:1.6. | 0.021 |
| 400. | 79 Ang | 14:78:16 | 0.021 |
| 401, | 19 Aur. | 14:19:16, | 0.017 |
| 402. | 19 Ang; | 14:70:16 | 0.017 |
| 40.3. | 19 Alda, | 14:21:1.6 | 0.027 |
| 404 , | 19 Ang, | 14:20:16 | 0.076 |
| 0.5 , | 19 Aur, | 14:23:16 | 0.014 |
| 406, | 19 Aug; | $14: 94=16$ | $0.07 \%$ |
| 407. | 19 Aida. | 14:25:16 | 0.01 .9 |
| 408, | 19 Ang, | 14:76:16, | 0.010 |
| 09, | 9 Ang, | 14:27:16, | 0.013 |
| 410. | 19 Aug. | 14:28:76. | 0.070 |
| 12. | 19 Aug, | 14:29:16. | 0.012 |
| 12, | 19 Aus, | 14:30:16, | 0.012 |


| $414,$ | 19 Au |  |  |
| :---: | :---: | :---: | :---: |
| 415, | 19 Aug, | 14:33:16 | 0.014 |
| 6, | 19 Aug, |  |  |
| , | 19 Aug, | 14:35: |  |
| 418. | 19 Auqu. |  |  |
| 19. | 19 Aug, | 14:37 | 0.010 |
| 20 | 19 Auq, | 14:38:16 | 12 |
| 1. | 19 Aug, | 14:39:16 | 0.013 |
| , | 9 Aug, | 14:40:16 | 0.016 |
| 23. | 19 Aug, | 14:41 | 0.020 |
| 424. | 19 Aug | 14:42:16 | 5 |
| 42.5 , | 19 Aug |  | 0.009 |
| 26. | 19 Aug, | 14:44:16 | . 011 |
| 7.7, | 19 Aug | 14:45:16 | . 008 |
| 28. | 19 Aua, | 14:46:16 | . 010 |
| 42.9, | 19 Aug | 14:47:16 | . 019 |
| 30. | 19 Aug, | 14:48:16 | 0.011 |
|  | 19 Aug, | 14:49:16 | . 016 |
| 32, | 19 Aud | 14:50 | 0.013 |
| 33. | 19 Ang | 14:51:16 | . 008 |
| 34. | 19 Auq. | 14 | . 010 |
| 435, | 19 Aug | 14:53:16 | . 0008 |
| 36. | 19 Aug, |  | 16 |
| 37. | 19 Aug, | 14:55:76 | . 015 |
| 38. | 19 Aud | 14:56:16 | 9 |
| 39. | 19 Ang | 14:57:76 | 0.018 |
| 40. | 9 Alsg | 14:58:16 | 3 |
| 41. | 19 Aug. |  | 0.008 |
| 42 , | 19 Auq. | 15:00:16 | 5 |
| 443, | 19 Aug |  | 6 |
| 44. | 19 Ang, | 15:02:16 | 0.003 |
| 45. | 9 |  | 8 |
| 446 , | 19 Aur, | 15:04:15 | 0.008 |
| 17. | 9 Aug: | 15:05:76 | 6 |
| 448, | 19 Aug. | 15:06 | 0.001 |
| 9, | 19 Ang; | 15:07:? | .0n1 |
| 450 , | 19 Aug, |  | 09 |
| 1, | 19 Ang; | 75:00:76, | 003 |
| 52, | 1.9 Aug, | 15:10:16 | 00 |
| 53. | 19 Aug, | 15:11:16, | .00n |
| 4. | 9 A | 15:12:16 | 002 |
| 5. | 19 mag | 15:13:76 | . 074 |
| 5 ¢, | 19 Ang. | 15:14:16 | 013 |
| 457. | 19 Assg, |  | 1.00\% |
| 458 : | 19 Alda. | 15:16:15 | . 002 |
| $45 \%$, | 9 Aug, | 75:17 | 004 |
| $\triangle 60$. | 19 Auc. | 15:18:16 | 0.000 |
| 67. | 7 Aug, | 15:19:76 | On4 |
| 462 . | 9 Alla, | 15: $20: 16$ | . 000 |
| 16?, | $\bigcirc \mathrm{Amg}$, | 15:27:16 | . 000 |
| 464 : | 9 Alla: | 15: 22 | 0.001 |
| 465. | 19 Allg, | 15:23:76 | .00 |
| 466 , | 19 Anc: | $15:$ | . 0 O |
| 167, | 19 AmO | 15: $25: 1$ | . 000 |
| 4 68, | 19 A 19 \%. | 15: 26 |  |
| 469. | 19 Aug. | 15:27:76 | . 0 |
| 470. | 19 Anc | $15:$ | . 10 |
| 477. | 19 Aldg, | 15: 79.16 , | 0.00 |
| 472 , | 9 Aur | 15:30:16. | 0.000 |
| 473, | 19 Anct | 15:31:16, | . 02 |
| 474 , | 9 Allo | 15:32:15. | . 007 |
| 475, | 19 Aug. | 15:33:16. | . 00 |
|  | 19 A1ır: | 1.5:34:16 | 0.00 |
| 477, | 19 Aug. | 15:35:76, | , D |
|  | 19 Anc: | 15:36:1 | . 0 |
| $4 \% 9$ | 19 Aug, | 15:37:16. | . 0 |
|  | 19 AlıT: | 15:38:16. | 0.000 |
| 481. | 19 Aijg, | ? $5: 39:$ |  |
|  | 19 Anc | 15:40: | 0.0 |
|  |  |  |  |



| 485, | 19 Aug, | $15: 43: 16$, | 0.013 |
| :--- | :--- | :--- | :--- |
| 486, | 19 Aug, | $15: 44: 16$, | 0.006 |
| 487, | 19 Aug, | $15: 45: 16$, | 0.014 |
| 488, | 19 Aug, | $15: 46: 16$, | 0.004 |
| 489, | 19 Aug, | $15: 47: 16$, | 0.009 |
| 490, | 19 Aug, | $15: 48: 16$, | 0.009 |
| 491, | 19 Aug, | $15: 49: 16$, | 0.002 |
| 492, | 19 Aug, | $15: 50: 16$, | 0.004 |
| 493, | 19 Aug, | $15: 51: 16$, | 0.012 |
| $494 ;$ | 19 Aug, | $15: 57: 16$, | 0.004 |
| 495, | 19 Aug, | $15: 53: 16$, | 0.013 |

puk-auuu s/iv: uvuuu
Tag Number: 12
Number of logged points: 191
Start time and date: 08:38:13 20-Aug
Elapsed time: 03:11:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.082 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 09:28:47 Aug 20
Max STEL Concentration: $0.053 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 08:57:13 Aug 20
Overall Avg Conc: $0.028 \mathrm{mg} / \mathrm{m}^{3}$
Togged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$
1, 20 Aug, 08:39:13, 0.050

2, 20 Aug, $08: 40: 13,0.050$
3, 20 Aug, $08: 41: 13,0.052$
4, 20 Aug, $08: 42: 13,0.049$
5, 20 Aug, 08:43:13, 0.054
6, 20 Aug, 08:44:13, 0.054
$\begin{array}{lll}7,20 \text { Aug, } 08: 45: 13, & 0.062 \\ 8,20 \text { Aug, } 08: 46: 13, & 0.052\end{array}$
$\begin{array}{lll}\text { 8, } 20 \text { Aug, } & 08: 46: 13, & 0.052 \\ 9,20 \text { Aug, } & 08: 47: 13, & 0.049\end{array}$
10, 20 Aug, 08:48:13, 0.051
$\begin{array}{lll}11,20 \text { Aug, } & 08: 49: 13, & 0.051 \\ 12,20 \text { Aug, } & 08: 50: 13, & 0.053\end{array}$
13, 20 Aug, $08: 51: 13,0.045$
$\begin{array}{lll}14,20 \text { Aug, } & 08: 52: 13, & 0.046 \\ 15,20 \text { Aug, } & 08: 53: 13, & 0.049\end{array}$
16, 20 Aug, $08: 54: 13,0.054$
$\begin{array}{lll}\text { 17, } 20 \text { Aug, } 08: 55: 13, & 0.055 \\ 18,20 \text { Aug, } 08: 56: 13, & 0.059\end{array}$
19, 20 Aug, 08:57:13, 0.055
$\begin{array}{lll}20,20 \text { Aug, } & 08: 58: 13, & 0.052 \\ 21, & 20 \text { Aug, } & 08: 59: 13,\end{array} 0.052$
22, 20 Aug, 09:00:13, 0.052
$\begin{array}{lll}23,20 \text { Aug, 09:01:13, } & 0.059 \\ 24,20 \text { Aug, } & 09: 02: 13, & 0.052\end{array}$
25, 20 Aug, 09:03:13, 0.051
26, 20 Aug, 09:04:13, 0.046
27, 20 Aug, 09:05:13, 0.045
28, 20 Aug, $09: 06: 13,0.047$
$\begin{array}{lll}29,20 \text { Aug, } & 09: 07: 13, & 0.045 \\ 30,20 \text { Aug, } & 09: 08: 13, & 0.049\end{array}$
31, 20 Aug, 09:09:13, 0.04
32, 20 Aug, 09:10:13, 0.044
33, 20 Aug, 09:11:13, 0.040
34, 20 Aug, 09:12:13, 0.041
35, 20 Aug, 09:13:13, 0.043
36, 20 Aug, $09: 14: 13,0.043$
$\begin{array}{llll}37,20 \text { Aug, } & 09: 15: 13, & 0.039 \\ 38, & 20 \text { Aug, } & 09: 16: 13, & 0.042\end{array}$
39, 20 Aug, 09:17:13, 0.039
$\begin{array}{lll}40, & 20 \text { Aug, } & 09: 18: 13,\end{array} 0.039$
42,20 Aug, $09: 20: 13,00.040$
43,20 Aug, $09: 21: 13, \quad 0.041$
$\begin{array}{lll}44,20 \text { Aug, } & 09: 22: 13, & 0.045 \\ 45, & 20 \text { Aug, } & 09: 23: 13, \\ 0.042\end{array}$
46, 20 Aug, 09:24:13, 0.047
47, 20 Aug, 09:25:13, 0.039
48, 20 Aug, 09:26:13, 0.042
49, 20 Aug, 09:2.7:13, 0.035
50, 20 Aug, $09: 28: 13,0.039$
51, 20 Aug, 09:29:13; 0.053
52, 20 Aug, $09: 30: 13, \quad 0.042$
$\begin{array}{llll}53, & 20 \text { Augg, } & 09: 31: 13, & 0.042 \\ 54, & 20 \text { Aug, } & 09: 32: 13, & 0.041\end{array}$
55, 20 Aug, 09:33:13, 0.047
56, 20 Aug, 09:34:13, 0.038
57, 20 Aug, 09:35:13, 0.041

|  | 0 Albg , |  | 0.014 |
| :---: | :---: | :---: | :---: |
| 130 . | 20 Anct | 10:48:13. | 0.01 .3 |
| 131. | 20 Aug, | 10:49:13, | 0. |
| 132, | 20 Aug. | 10:50:13. | 0.016 |
| 33. | 20 Aug, | 10:51:13, | 0.017 |
| 134. | 20 Aldar, | 10:52:13. | 0.018 |
| 35. | 20 Aug, | 10:53:13, | 0.078 |
| 136. | 20 Aua. | 10:54:13, | 0.014 |
| 137, | 20 Ang, | 10:55:13 | 0.013 |
| 38. | 20 Aug, | 10:56:13, | 0.01 .4 |
| 139, | 20 Aug | 10:57:13 | 0.017 |
| 1.40 | 20 Anco, | 10:58:13, | 0.018 |
| 741 , | 20 Alug, | 10:59:13 | 0.012 |
| 42. | 20 Aug. | 11:00:13. | 9 |
| 4.3, | 20 Aug, | 11:01:13, | 009 |
| 144, | 20 Ang, | 11:02:13. | 9 |
| 45. | 20 Aug, | 71:03:13, | 0 |
| 146 , | 20 Ang. | 11:04:13 | 2 |
| 7. | 20 Alug , | 11:05:13, | 0.017 |
| 148. | 20 And. | 11:06:13 | 8 |
| 149, | 20 Aug , | 11:07:13, | 5 |
| 150. | 20 Aurs, | 11:08:1.3 | 0.014 |
| 751, | 20 Augi | 11:09:13, | 4 |
| 152. | 20 Alır, | 11:10:33, | 2 |
| 15.3. | 20 Aug, | 11:11:13, | . 010 |
| 54. | 20 And, | 11:12:13, | 0. 010 |
| 155. | 20 Ang, | 11:13:13, | 009 |
| 56. | 20 Aua, | 11:14:13, | 09 |
| 15\%, | 20 Ang. | 11:15 | 3n? |
| 1.58 , | 20 Anf. | 11. $16: 1.3$ | . 008 |
| 159. | 20 2uc. | 11:17:13. | 008 |
| 150. | 20 Aurs, | 11:18:13, | . 009 |
| 161 , | 20 Ang; | 11:19:13. | . 01.3 |
| 162, | 20 Alug, | 11:20:13, | . 009 |
| 3. | 20 Ang; | 11:21:13; | 07 |
| 164. | 20 Ano. | 1.1.22:13, | 010 |
| 165. | 20 Ang. | 11:23:13, | 007 |
| 165. | 20 Alıa, | 11:24:13. | 010 |
| \%. | 20 Anig. | 11:25:13: | 7 |
| 68. | 20 Anrs, | 11:25:13, | . 006 |
| 169. | 20 Ang . | 11:97:13, | nos |
| 170. | 20 And. | 11:28:13, | . 016 |
| 771, | 20 aug. | 11:29:13. | . 029 |
| 172. | 20 Ang. | 11:30:13. | 014 |
| 173, | 20 Ang, | 11:31:13, | 14 |
| 174. | 20 And. | 1.1:32:13. | 012 |
| 5. | 20 Angr: | 11:33:13: | . 009 |
| 176: | 20 Aura. | 11. 34.13. | 013 |
| 777 | 20 Ang. | 11:35:13. | 0.077 |
| 178, | 20 Anr. | 11:36:13. | 015 |
| 779. | , 20 Ang, | 11:37:13. | 0.030 |
| 180. | , 20 Aug. | 11.38:13. | 0.024 |
| 781. | : 20 Ang: | 11:39:13. | . 017 |
| 182. | . 20 Anc. | 11.:40:13, | 0.01 .5 |
| 103. | : 20 Aus, | 11:41:13, | 0.016 |
| 194. | , 20 And, | 11:42:13, | 0.010 |
| 185. | , 20 Rmg , | 71:43:13. | 0.003 |
| 186. | , 20 Ario, | 11:44:13. | 0.01 .1 |
| 787. | ; 20 àuy, | 13:45:13, | 0.017 |
| 188. | . 20 Ano. | 11:46:13. | 0.010 |
| 189. | , 20 All, | 11:17:13. | ก. 0 no |
| 190. | . 20 Alpa. | $11: 48: 13$. | 0.009 |
|  | , 20 Ars. | 11:49:13 | 0.011 |

puk-auvu siv: ưuvu
Tag Number: 13
Number of logged points: 148
Start time and date: 08:42:34 23-Aug
Elapsed time: 02:28:00
Logging period (sec): 60
Calibration Factor (\%): 100
Max Display Concentration: $0.036 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 08:47:50 Aug 23
Max STEL Concentration: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 08:42:34 Aug 23
Overall Avg Conc: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$ 1, 23 Aug, 08:43:34, 0.000
2, 23 Aug, 08:44:34, 0.000
3, 23 Aug, 08:45:34, 0.003
4, 23 Aug, 08:46:34, 0.000
$\begin{array}{lll}5,23 \text { Aug, } & 08: 47: 34, & 0.000 \\ 6,23 \text { Aug, } & 08: 48: 34, & 0.007\end{array}$
7, 23 Aug, 08:49:34, 0.006
$\begin{array}{lll}\text { 8, } 23 \text { Aug, } 08: 50: 34, & 0.000 \\ \text { 9, } 23 \text { Aug, } 08: 51: 34, & 0.000\end{array}$
$\begin{array}{lll}10,23 \text { Aug, } & 08: 52: 34, & 0.000 \\ 11,23 \text { Aug, } 08: 53: 34, & 0.000\end{array}$
$\begin{array}{lll}11,23 \text { Aug, } & 08: 53: 34, & 0.000 \\ 12,23 \text { Aug, } 08: 54: 34, & 0.000\end{array}$
13, 23 Aug, 08:55:34, 0.000
$\begin{array}{lll}14,23 \text { Aug, } & 08: 56: 34, & 0.000 \\ 15,23 \text { Aug, } & 08: 57: 34, & 0.004\end{array}$
16, 23 Aug, 08:58:34, 0.000
17, 23 Aug, 08:59:34, 0.000
18, 23 Aug, 09:00:34, 0.000
$\begin{array}{lll}\text { 19, } 23 \text { Aug, } & 09: 01: 34, & 0.000 \\ 20,23 \text { Aug, } & 09: 02: 34, & 0.000\end{array}$
2.1, 23 Aug, 09:03:34, 0.000

22, 23 Aug, 09:04:34, 0.000
23, 23 Aug, 09:05:34, 0.000

24, 23 Aug, 09:06:34, 0.000
26,23 Aug, 09:08:34, 0.000
$\begin{array}{lll}27,23 \text { Aug, } & 09: 09: 34, & 0.000 \\ 28,23 \text { Aug, } & 09: 10: 34, & 0.000\end{array}$
29, 2.3 Aug, 09:11:34, 0.000
$\begin{array}{lll}30, & 23 \text { Aug, } 09: 12: 34, & 0.000 \\ 31,23 \text { Aug, } 09: 13: 34, & 0.000\end{array}$
$\begin{array}{lll}31,23 \text { Aug, } & 09: 1.3: 34, & 0.000 \\ 32,23 \text { Aug, 09:14:34, } & 0.000\end{array}$
$\begin{array}{lll}33,23 \text { Aug: } 09: 15: 34, & 0.000 \\ 34,23 \text { Aug, } 09: 16: 34, & 0.000\end{array}$
$\begin{array}{lll}34,23 \text { Aug, } & 09: 16: 34, & 0.000 \\ 35, & 23 \text { Aug, } & 09: 17: 34, \\ 0.000\end{array}$
36, 23 Aug, 09:18:34, 0.000
37: 23 Alve, 09:19:34, 0.000
38, 23 Aug, 09:20:34, 0.000

39, 23 Aug, 09:21:34, 0.000
$\begin{array}{lll}40,23 \text { Aug, } & 09: 22: 34, & 0.000 \\ 41, ~ 23 \text { Rug, } & 09: 23: 34, & 0.000\end{array}$
42, 23 Auq, 09:24:34, 0.000
43, 23 Aug, 09:25:34, 0.000
44, 23 Aug, 09:26:34, 0.000
45,23 Alag, $09: 27: 34, \quad 0.000$
$\begin{array}{lll}45,23 \text { Aug, } 09: 28: 34, & 0.000 \\ 47,23 \text { Alig, } 09: 2.7: 34, & 0.00\end{array}$
48, 23 Aug, 09:30:34, 0.000
50,23 Auq, $09: 32: 34,0.006$
51, 23 Ang, 09.33.37, 0.001
52, 23 Aug, 09:34:34, 0.000
r3, 23 स:2, 09:35:34, 0.000

54,23 सug, 09:36:34, 0.000
55, 23 Aivg, 09:37:34, 0.000
56, 23 Aug, 09:38:34, 0.000
57, 23 Aug, 09:39:34, 0.000


|  | $\ldots$ | mug, | 1u:.91:.94, |  |
| :---: | :---: | :---: | :---: | :---: |
| 130, | 23 | Aua, | 10:52:34, | 0.001 |
| 731, | 23 | Aug. | 70:53:34, | 0.000 |
| 132, | 23 | Auar. | 10:54:34, | 0.000 |
| 133, | 23 | Aug, | 10:55:34; | 0.000 |
| 134, | 23 | Ava. | 10:56:34 | 0.000 |
| 135, | 2.3 | Avg, | 10:57:34, | 0.000 |
| 136, | 23 | Ana, | 10:58:34, | 0.000 |
| 137, | 23 | Ang, | 10:59:34, | 0.001 |
| 138. | 23 | Aua. | 11:00:34, | 0.000 |
| 139, | 23 | A 1 d, | 11:01:34, | 0.000 |
| 140. | 23 | Ana, | 11:02:34, | 0.000 |
| 141, | 2.3 | Aug, | 11:03:34, | 0.000 |
| 142, | 23 | Aug. | 11:04:34, | 0.000 |
| 14.3. | 23 | Aug, | 11:05:34, | 000 |
| 144 , | 23 | Aua, | 11:06:34, | 0.000 |
| 14.5, | 23 | AıIT, | 17:07:34; | 0.000 |
| 146 , | 23 | Aug, | 11:08:34, | 0.000 |
| 747. | 23 | Ang: | 11:09:34, | 0.000 |
| 148, | 23 | Aua, | 11:10:34 | 0.000 |

pur-ivuc oin: vưue
Tag Number: 14
Number of logged points: 75
Start time and date: 08:21:12 24-Aug
Elapsed time: 06:15:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.144 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 13:38:16 Aug 24
Max STEL Concentration: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 08:21:12 Aug 24
Overall Avg Conc: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m ${ }^{3}$ )
$\begin{array}{ll}1,24 \text { Aug, } 08: 26: 12, & 0.000 \\ 2,24 \text { Aug, } 08: 31: 12, & 0.000\end{array}$
3, 24 Aug, 08:36:12, 0.000
4, 24 Aug, 08:41:12, 0.000
5, 24 Aug, 08:46:12, 0.000
6, 24 Aug, 08:51:12, 0.000
7, 24 Aug, 08:56:12, 0.000
8, 24 Aug, 09:01:12, 0.000
9, 24 Aug, 09:06:12, 0.000
10, 24 Aug, $09: 11: 12, \quad 0.000$
12, 24 Aug, 09:21:12, 0.000
13, 24 Aug, 09:26:12, 0.000
14, 24 Aug, 09:31:12, 0.000
15, 24 Aug, 09:36:12, 0.000
16, 24 Aug, 09:41:12, 0.000
17, 24 Aug, 09:46:12, 0.000
18, 24 Aug, 09:51:12, 0.000
$\begin{array}{lll}19,24 \text { Aug, } & 09: 56: 12, & 0.000 \\ 20,24 \text { Aug, } & 10: 01: 12, & 0.000\end{array}$
$\begin{array}{ll}20,24 \text { Aug, } 10: 01: 12, & 0.000 \\ 21,24 \text { Aug, 10:06:12, } & 0.000\end{array}$
22, 24 Aug, 10:11:12, 0.000
23, 24 Aug, $10: 16: 12,0.000$
24, 24 Aug, 10:21:12, 0.000
25, 24 Aug, 10:26:12, 0.000
26, 24 Aug, 10:31:12, 0.000
27, 24 Aug, 10:36:12, 0.000
$\begin{array}{ll}28,24 \text { Aug, } 10: 41: 12, & 0.000 \\ 29,24 \text { Aug, } 10: 46: 12, & 0.000\end{array}$
30, 24 Aug, 10:51:12, 0.000
31, 24 Aug, 10:56:12, 0.000
32, 24 Aug, 11:01:12, 0.000
33, 24 Aug, 11:06:12, 0.000
34, 24 Aug, 11:11:12, 0.000
35, 24 Aug, 11:16:12, 0.000
36, 24 Aug, 11:21:12, 0.000
37, 24 Aug, 11:26:12, 0.000
38, 24 Aug, 11:31:12, 0.000
39, 24 Aug, $11: 36: 12, \quad 0.000$
$\begin{array}{lll}40,24 \text { Aug, } & 11: 41: 12, & 0.000 \\ 41, & 24 \text { Aug, } & 11: 46: 12, \\ 0.000\end{array}$
42, 24 Aug, 11:51:12, 0.000
43, 24 Aug, 11:56:12, 0.000
44,24 Aug, 12:01:12, 0.000
45, 24 Aug, 12:06:12, 0.000
46, 24 Aug, 12:11:12, 0.000
47, 24 Aug, 12:16:12, 0.000
48, 24 Aug, 12:21:12, 0.000
49, 24 Aug, 12:26:12, 0.000
50, 24 Aug, $12: 31: 12,0.000$
51, 24 Aug, 12:36:12, 0.000
52, 24 Aug, 12:41:12, 0.000
53, 24 Aug, 12:46:12, 0.000
54, 24 Aug, 12:51:12, 0.000
55, 24 Aug, 12:56:12, 0.000
56, 24 Aug, 13:01:12, 0.003
57, 24 Aug, 13:06:12, 0.014



[^0]




```
\tauT0.0 '乙চ:ठ\tau:ठ\tau 'ธn甘 与乙 '\varepsilonL
200.0 '乙す:60:ठ\tau '6n# G乙 'حL
```



```
000*0 '乙ठ:6S:\varepsilon\tau '伹 与乙 '0L
```



```
000.0 '乙ঠ:бォ:&\tau '6n甘 与乙 '89
000*0 '乙ঠ:ठб:عI 'ธn⿴ 与己 'L9
```



```
500.0 '乙ঠ:ठ\varepsilon:\varepsilon\tau 'ธn# 与乙 'S9
```




```
T00.0 '乙ঠ:6\tau:\varepsilon\tau 'ธn# 与乙 '己9
```



```
000.0 '乙も:60:\varepsilonI ‘5n⿴ 与Z '09
600.0 '乙ெ:ठ0:&T 'bn% gz'6G
```

pUK-IUUU $\sin$ : UUUUU
Tag Number: 16
Number of logged points: 39
Start time and date: 07:31:03 26-Aug
Elapsed time: 03:15:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.090 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 10:18:55 Aug 26
Max STEL Concentration: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 07:31:03 Aug 26
Overall Avg Conc: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$

1, 26 Aug, 07:36:03, 0.001
2, 26 Aug, 07:41:03, 0.000
3, 26 Aug, 07:46:03, 0.000
4, 26 Aug, 07:51:03, 0.000
5, 26 Aug, 07:56:03, 0.000
6, 26 Aug, 08:01:03, 0.000
7, 26 Aug, 08:06:03, 0.000
8, 26 Aug, 08:11:03, 0.000
9, 26 Aug, 08:16:03, 0.000
10, 26 Aug, 08:21:03, 0.000
11, 26 Aug, 08:26:03, 0.000
12, 26 Aug, 08:31:03, 0.000
13, 26 Aug, $08: 36: 03,0.000$
14, 26 Aug, 08:41:03, 0.000
15, 26 Aug, 08:46:03, 0.000
16, 26 Aug, 08:51:03, 0.000
17, 26 Aug, 08:56:03, 0.000
18, 26 Aug, 09:01:03, 0.000
19, 26 Aug, 09:06:03, 0.000
20, 26 Aug, 09:11:03, 0.000
21, 26 Aug, 09:16:03, 0.000
22, 26 Aug, 09:21:03, 0.000
23, 26 Aug, 09:26:03, 0.000
24, 26 Aug, 09:31:03, 0.000
25, 26 Aug, 09:36:03, 0.002
26, 26 Aug, 09:41:03, 0.000
27, 26 Aug, 09:46:03, 0.000
28, 26 Aug, 09:51:03, 0.000
29, 26 Aug, 09:56:03, 0.001
30, 26 Aug, 10:01:03, 0.000
31, 26 Aug, 10:06:03, 0.000
32, 26 Aug, 10:11:03, 0.000
33, 26 Aug, 10:16:03, 0.000
34, 26 Aug, 10:21:03, 0.008
35, 26 Aug, 10:26:03, 0.000
36, 26 Aug, 10:31:03, 0.000
37, 26 Aug, 10:36:03, 0.000
38, 26 Aug, 10:41:03, 0.000
39, 26 Aug, 10:46:03, 0.000

PDR 2726
nyr-ivuu
Tag Number: 01
Number of logged points: 78
Start time and date: 08:32:55 13-Jul
Elapsed time: 06:30:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.338 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 14:24:05 Jul 13
Max STEL Concentration: $0.043 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 14:35:55 Jul 13
Overall Avg Conc: $0.001 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$

| 1, | 13 | Jul, | $08: 37: 55$, |
| :--- | :--- | :--- | :--- |
| 2, | 0.000 |  |  |
| 3, | 13 | Jul, | $08: 42: 55$, |
|  | $08: 006$ |  |  |
| $37: 55$, | 0.011 |  |  | 4, 13 Jul, 08:52:55, 0.001 5, 13 Jul, 08:57:55, 0.000 6, 13 Jul, 09:02:55, 0.000 7, 13 Jul, 09:07:55, 0.000 8, 13 Jul, 09:12:55, 0.000 9, 13 Jul, 09:17:55, 0.000 10, 13 Jul, 09:22:55, 0.000 11, 13 Jul, 09:27:55, 0.000 12, 13 Jul, 09:32:55, 0.000 13, 13 Jul, 09:37:55, 0.000 14, 13 Jul, 09:42:55, 0.000 15, 13 Jul, 09:47:55, 0.000 16, $13 \mathrm{Jul}, 09: 52: 55,0.000$ 17, 13 Jul, 09:57:55, 0.000 18, 13 Jul, 10:02:55, 0.000 19, 13 Jul, 10:07:55, 0.000 20, $13 \mathrm{Jul}, 10: 12: 55,0.000$ 21, $13 \mathrm{Jul}, 10: 17: 55,0.000$ 22, 13 Ju1, 10:22:55, 0.000 23, 13 Jul, 10:27:55, 0.000 24, 13 Jul, $10: 32: 55,0.000$ 25, 13 Jul, 10:37:55, 0.000 26, 13 Jul, 10:42:55, 0.000 27, 13 Jul, 10:47:55, 0.000 28, 13 Jul, 10:52:55, 0.000 29, 13 Ju1, 10:57:55, 0.000 30, $13 \mathrm{Jul}, 11: 02: 55,0.000$ 31, $13 \mathrm{Jul}, 11: 07: 55,0.000$ 32, 13 Jul, $11: 12: 55,0.000$ 33, $13 \mathrm{Jul}, 11: 17: 55,0.000$

34, 13 Jul, 11:22:55, 0.000
35, 13 Jul, 11:27:55, 0.000
36, 13 Ju1, 11:32:55, 0.000
37, 13 Jul, 11:37:55, 0.000
38, 13 Jul, 11:42:55, 0.000
39, 13 Ju1, 11:47:55, 0.000
40, $13 \mathrm{Jul}, 11: 52: 55,0.000$
41, 13 Jul, 11:57:55, 0.000
42, 13 Ju1, 12:02:55, 0.000
43, 13 Jul, 12:07:55, 0.000
44, 13 Jul, 12:12:55, 0.000
45, 13 Jul, 12:17:55, 0.000
46, $13 \mathrm{Jul}, 12: 22: 55,0.000$
47, 13 Jul, 12:27:55, 0.000
48, 13 Jul, 12:32:55, 0.000
49, 13 Jul, 12:37:55, 0.000
50, 13 Jul, 12:42:55, 0.000
51, 13 Jul, 12:47:55, 0.000
52,13 Jul, 12:52:55, 0.000
53, 13 Jul, 12:57:55, 0.000
54, $13 \mathrm{Jul}, 13: 02: 55,0.000$
55, $13 \mathrm{Jul}, 13: 07: 55,0.000$
56, 13 Jul, 13:12:55, 0.000
57, $13 \mathrm{Jul}, 13: 17: 55,0.000$


Number of logged points: 85
Start time and date: 08:20:43 14-Jul
Elapsed time: 07:05:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.094 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 13:50:41 Jul 14
Max STEL Concentration: $0.014 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 13:21:13 Jul 14
Overall Avg Conc: $0.004 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:

Point, Date
Time ,

| 1,14 | Jul, | $08: 25: 43$, | 0.000 |
| :--- | :--- | :--- | :--- |
| 2, | 14 Jul, | $08: 30: 43$, | 0.000 |

Avg. (mg/m $\mathrm{m}^{3}$ )

3, 14 Jul, 08:35:43, 0.000
4, 14 Jul, 08:40:43, 0.000
5, 14 Jul, 08:45:43, 0.000
6, 14 Jul, 08:50:43, 0.000
7, 14 Jul, 08:55:43, 0.000
8, 14 Ju1, 09:00:43, 0.002
9, 14 Jul, 09:05:43, 0.000
10, 14 Jul, 09:10:43, 0.000
11, 14 Jul, 09:15:43, 0.000
12, 14 Jul, 09:20:43, 0.000
13, 14 Jul, 09:25:43, 0.000
14, 14 Jul, 09:30:43, 0.001
15, 14 Ju1, 09:35:43, 0.000
16,14 Jul, 09:40:43, 0.000
17, 14 Jul, 09:45:43, 0.000
18, 14 Jul, 09:50:43, 0.000
19, 14 Jul, 09:55:43, 0.000
20, 14 Ju1, 10:00:43, 0.000
21, 14 Jul, 10:05:43, 0.000
$22,14 \mathrm{Jul}, 10: 10: 43,0.000$
23,14 Jul, $10: 15: 43,0.000$
24, 14 Jul, 10:20:43, 0.000
25, 14 Jul, 10:25:43, 0.001
26, 14 Jul, 10:30:43, 0.000
27, 14 Jul, 10:35:43, 0.000
28, 14 Jul, 10:40:43, 0.000
29, 14 Jul, 10:45:43, 0.001
30, 14 Jul, 10:50:43, 0.000
31, 14 Jul, 10:55:43, 0.001
32, 14 Jul, 11:00:43, 0.008
33, 14 Jul, 11:05:43, 0.001
34, $14 \mathrm{Jul}, 11: 10: 43,0.000$
35, 14 Jul, 11:15:43, 0.001
36, 14 Jul, 11:20:43, 0.006
37, $14 \mathrm{Jul}, 11: 25: 43,0.003$
38, 14 Jul, 11:30:43, 0.000
39, 14 Jul, 11:35:43, 0.001
40, 14 Jul, 11:40:43, 0.002
41, 14 Jul, 11:45:43, 0.001
$42,14 \mathrm{Ju}, 11: 50: 43,0.003$
43,14 Jul, 11:55:43, 0.004
44, 14 Jul, 12:00:43, 0.004
45, 14 Jul, 12:05:43, 0.006
$46,14 \mathrm{Jul}, 12: 10: 43,0.003$
47, 14 Jul, 12:15:43, 0.008
48, 14 Jul, 12:20:43, 0.008
49, 14 Jul, 12:25:43, 0.009
50, 14 Jul, 12:30:43, 0.008
51, 14 Jul, 12:35:43, 0.009
52, 14 Jul, 12:40:43, 0.011
53, 14 Jul, 12:45:43, 0.009
54, 14 Jul, 12:50:43, 0.010
55, 14 Jul, 12:55:43, 0.008
56, 14 Jul, 13:00:43, 0.008
57, 14 Jul, 13:05:43, 0.012

|  | 14 vul, | 13:1U:4コ, |  |
| :---: | :---: | :---: | :---: |
| 59, | 14 Ju1, | 13:15:43, | 0.014 |
| 60, | 14 Ju1, | 13:20:43, | 0.015 |
| 61, | 14 Jul , | 13:25:43, | 0.009 |
| 62. | 14 Jul, | 13:30:43, | 0.008 |
| 63, | 14 Jul, | 13:35:43, | 0.011 |
| 64 , | 14 Jul , | 13:40:43, | 0.007 |
| 65. | 14 Jul , | 13:45:43, | 0.009 |
| 66, | 14 Jul, | 13:50:43, | 0.014 |
| 67. | 14 Jul , | 13:55:43, | 0.008 |
| 68. | 14 Jul, | 14:00:43, | 0.007 |
| 69, | 14 Jul, | 14:05:43, | 0.007 |
| 70, | 14 Jul, | 14:10:43, | 0.010 |
| 71, | 14 Jul , | 14:15:43, | 0.010 |
| 72, | 14 Jul, | 14:20:43, | 0.008 |
| 73, | 14 Jul, | 14:25:43, | 0.012 |
| 74. | 14 Jul , | 14:30:43, | 0.012 |
| 75, | 14 Jul, | 14:35:43, | 0.015 |
| 76, | 14 Jul, | 14:40:43, | 0.014 |
| 77. | 14 Jul , | 14:45:43, | 0.010 |
| 78, | 14 Jul , | 14:50:43, | 0.008 |
| 79, | 14 Ju1, | 14:55:43, | 0.008 |
| 80, | 14 Jul, | 15:00:43, | 0.007 |
| 81, | 14 Jul, | 15:05:43, | 0.010 |
| 82, | 14 Jul, | 15:10:43, | 0.007 |
| 83, | 14 Jul, | 15:15:43, | 0.006 |
| 84, | 14 Jul, | 15:20:43, | 0.004 |
| 85, | 14 Jul, | 15:25:43, | 0.003 |


Tag Number: 03
Number of logged points: 89
Start time and date: 08:23:14 15-Jul
Elapsed time: 07:25:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.194 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 14:23:53 Jul 15
Max STEL Concentration: $0.039 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 14:46:14 Jul 15
Overall Avg Conc: $0.019 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time

| 1, | 15 | Jul, 08:28:14, |
| :--- | :--- | :--- |
| 2, | 0.023 |  |
| Jul, 08:33:14, | 0.024 |  |

2, 15 Jul,
3, 15 Ju1, 08:38:14, 0.030

| 4, | 15 |  |
| :--- | :--- | :--- |
| 5, | Jul, | $08: 43: 14$, |
| 0.016 |  |  |

6, 15 Jul, 08:53:14, 0.027
7, 15 Jul, 08:58:14, 0.025
8, 15 Jul, 09:03:14, 0.024
9, 15 Jul, 09:08:14, 0.019
$\begin{array}{lll}10, & 15 & \text { Jul, } \\ 11, & 09: 13: 14, & 0.022 \\ \text { Jul, } & 09: 18: 14, & 0.025\end{array}$
12, 15 Jul, 09:23:14, 0.027
13, 15 Jul, 09:28:14, 0.018
14, 15 Jul, 09:33:14, 0.022
15, 15 Jul, 09:38:14, 0.016
16, 15 Jul, 09:43:14, 0.010
17, 15 Jul, 09:48:14, 0.019
18, 15 Jul, 09:53:14, 0.022
19, 15 Jul, 09:58:14, 0.023
20, 15 Jul, 10:03:14, 0.010
21, 15 Jul, 10:08:14, 0.010
22,15 Ju1, 10:13:14, 0.012
23, 15 Jul, 10:18:14, 0.009
24, 15 Jul, 10:23:14, 0.012
25, 15 Jul, 10:28:14, 0.015
26, 15 Jul, $10: 33: 14,0.004$
27, $15 \mathrm{Jul}, 10: 38: 14,0.005$
$28,15 \mathrm{Jul}, 10: 43: 14,0.010$
29, $15 \mathrm{Jul}, 10: 48: 14,0.022$
30, 15 Jul, 10:53:14, 0.014
31, 15 Jul, 10:58:14, 0.016
32, 15 Jul, 11:03:14, 0.020
33, 15 Jul, 11:08:14, 0.011
34, 15 Jul, 11:13:14, 0.011
35, 15 Jul, 11:18:14, 0.018
36, 15 Jul, 11:23:14, 0.020
37, 15 Jul, 11:28:14, 0.027
38, 15 Jul, 11:33:14, 0.029
39, 15 Jul, 11:38:14, 0.039
40, 15 Ju1, 11:43:14, 0.039
41, 15 Jul, 11:48:14, 0.032
42, 15 Jul, 11:53:14, 0.019
43, 15 Jul, 11:58:14, 0.014
44, 15 Jul, 12:03:14, 0.017
45, 15 Jul, 12:08:14, 0.022
46, 15 Jul, 12:13:14, 0.017
47, 15 Jul, 12:18:14, 0.030
48, 15 Jul, 12:23:14, 0.026
49, 15 Jul, 12:28:14, 0.025
50, $15 \mathrm{Jul}, 12: 33: 14,0.020$
51, 15 Jul, 12:38:14, 0.011
52, 15 Jul, 12:43:14, 0.008
53, 15 Jul, 12:48:14, 0.007
$54,15 \mathrm{Jul}, 12: 53: 14,0.007$
55, 15 Jul, 12:58:14, 0.009
56, 15 Jul, 13:03:14, 0.008
57, 15 Jul, 13:08:14, 0.008

|  | 1כ Jul, | 15:15:14, | U.0u1 |
| :---: | :---: | :---: | :---: |
| 59, | 15 Jul, | 13:18:14, | 0.015 |
| 60, | 15 Jul , | 13:23:14, | 0.021 |
|  | 15 Jul , | 13:28:14, | 0.015 |
| 62, | 15 Ju1, | 13:33:14, | 0.018 |
|  | 15 Jul, | 13:38:14, | 0.019 |
|  | 15 Jul , | 13:43:14, | 0.009 |
|  | 15 Jul, | 13:48:14, | 0.008 |
|  | 15 Jul, | 13:53:14, | 0.009 |
| 67. | 15 Jul , | 13:58:14, | 0.020 |
|  | 15 Jul , | 14:03:14, | 0.022 |
| 69, | 15 Jul, | 14:08:14, | 0.013 |
|  | 15 Jul, | 14:13:14, | 0.019 |
|  | 15 Jul, | 14:18:14, | 0.017 |
|  | 15 Jul, | 14:23:14, | 0.015 |
|  | 15 Jul , | 14:28:14, | 0.027 |
|  | 15 Jul, | 14:33:14, | 0.025 |
|  | 15 Jul, | 14:38:14, | 0.040 |
|  | 15 Ju1, | 14:43:14, | 0.037 |
|  | 15 Jul, | 14:48:14, | 0.033 |
|  | 15 Jul, | 14:53:14, | 0.033 |
|  | 15 Jul , | 14:58:14, | 0.039 |
|  | 15 Jul, | 15:03:14, | 0.024 |
|  | 15 Jul, | 15:08:14, | 0.022 |
|  | 15 Jul , | 15:13:14, | 0.028 |
|  | 15 Jul , | 15:18:14, | 0.024 |
|  | 15 Jul, | 15:23:14, | 0.036 |
|  | 15 Jul, | 15:28:14, | 0.029 |
|  | 15 Jul , | 15:33:14, | 0.030 |
|  | 15 Jul, | 15:38:14, | 0.016 |
|  | 15 Jul, | 15:43:14, | 0.011 |
| 89, | 15 Jul | 15:48:14, | 0.007 |

pur-ivue
Tag Number: 04
Number of logged points: 36
Start time and date: 07:40:25 16-Jul
Elapsed time: 03:00:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $1.694 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 10:03:16 Jul 16
Max STEL Concentration: $0.057 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 10:16:25 Jul 16
Overall Avg Conc: $0.023 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m)
1, 16 Jul, 07:45:25, 0.003
2, 16 Jul, 07:50:25, 0.006

3, $16 \mathrm{Jul}, 07: 55: 25,0.027$
4,16 Jul, 08:00:25, 0.053
$5,16 \mathrm{Jul}, 08: 05: 25,0.038$
6, 16 Jul, 08:10:25, 0.019
7, 16 Jul, 08:15:25, 0.016
8, 16 Jul, 08:20:25, 0.019
9, 16 Jul, 08:25:25, 0.003
10, $16 \mathrm{Jul}, 08: 30: 25,0.011$
11, $16 \mathrm{Jul}, 08: 35: 25,0.004$
12, $16 \mathrm{Jul}, 08: 40: 25,0.017$
13, 16 Jul, 08:45:25, 0.007
$14,16 \mathrm{Jul}, 08: 50: 25,0.018$
15, 16 Jul, 08:55:25, 0.017
16, 16 Jul, 09:00:25, 0.035
17, 16 Jul, 09:05:25, 0.017
18, 16 Jul, $09: 10: 25,0.023$
19, 16 Jul, 09:15:25, 0.021
20, $16 \mathrm{Jul}, 09: 20: 25,0.023$
21, 16 Jul, 09:25:25, 0.027
22, 16 Jul, 09:30:25, 0.023
23, 16 Jul, 09:35:25, 0.031
24, 16 Jul, 09:40:25, 0.028
25, 16 Jul, 09:45:25, 0.026
26, 16 Jul, 09:50:25, 0.034
27, 16 Jul, 09:55:25, 0.024
28, 16 Jul, 10:00:25, 0.010
29, 16 Jul, 10:05:25, 0.119
$30,16 \mathrm{Jul}, 10: 10: 25,0.026$
31, 16 Jul, 10:15:25, 0.024
32, 16 Jul, $10: 20: 25,0.015$
33, 16 Jul, 10:25:25, 0.011
34, $16 \mathrm{Jul}, 10: 30: 25,0.030$
35, 16 Jul, 10:35:25, 0.018
36, $16 \mathrm{Jul}, 10: 40: 25,0.009$
puk-1UUU
Tag Number: 05
Number of logged points: 48
Start time and date: 09:34:37 19-Jul
Elapsed time: 04:00:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.521 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 11:38:12 Jul 19
Max STEL Concentration: $0.084 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 10:24:37 Jul 19
Overall Avg Conc: $0.037 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m³)

1, 19 Jul, 09:39:37, 0.006
2, 19 Ju1, 09:44:37, 0.052
3, 19 Jul, 09:49:37, 0.065
4, 19 Jul, 09:54:37, 0.084
5, 19 Jul, 09:59:37, 0.092
6, 19 Jul, 10:04:37, 0.058
7, 19 Ju1, 10:09:37, 0.051
8, 19 Jul, 10:14:37, 0.085
9, 19 Ju1, 10:19:37, 0.093
10, $19 \mathrm{Jul}, 10: 24: 37,0.073$
11, 19 Jul, 10:29:37, 0.068
12, 19 Jul, 10:34:37, 0.074
13, 19 Jul, 10:39:37, 0.067
14, 19 Ju1, 10:44:37, 0.068
15, 19 Ju1, 10:49:37, 0.069
16, 19 Jul, 10:54:37, 0.075
17, 19 Jul, 10:59:37, 0.067
18, 19 Jul, 11:04:37, 0.054
19, 19 Ju1, 11:09:37, 0.036
20, 19 Ju1, 11:14:37, 0.026
21, 19 Ju1, 11:19:37, 0.021
22,19 Jul, 11:24:37, 0.019
23, 19 Jul, 11:29:37, 0.018
24, 19 Jul, 11:34:37, 0.036
25, 19 Ju1, 11:39:37, 0.048
26, 19 Jul, 11:44:37, 0.025
27, 19 Jul, 11:49:37, 0.024
28, $19 \mathrm{Jul}, 11: 54: 37,0.027$
29, 19 Ju1, 11:59:37, 0.022
30, 19 Ju1, 12:04:37, 0.024
31, 19 Jul, 12:09:37, 0.024
32, $19 \mathrm{Ju}, 12: 14: 37,0.024$
33, 19 Jul, 12:19:37, 0.019
34, 19 Jul, 12:24:37, 0.021
35, 19 Jul, 12:29:37, 0.021
36, 19 Jul, 12:34:37, 0.012
37, 19 Jul, 12:39:37, 0.012
38, 19 Ju1, 12:44:37, 0.015
39, 19 Ju1, 12:49:37, 0.025
40, 19 Jul, 12:54:37, 0.013
41, 19 Jul, 12:59:37, 0.019
42, 19 Jul, 13:04:37, 0.011
43, 19 Jul, 13:09:37, 0.005
44, 19 Jul, 13:14:37, 0.002
45, 19 Ju1, 13:19:37, 0.003
46, 19 Ju1, 13:24:37, 0.007
47, 19 Ju1, 13:29:37, 0.010
48, 19 Jul, 13:34:37, 0.011


|  | Lu unt | 1<:30:04, | u. |
| :---: | :---: | :---: | :---: |
| 59, | 20 Jul, | 12:40:04, | 0.019 |
| 60, | 20 Jul, | 12:45:04, | 0.022 |
| 61, | 20 Jul, | 12:50:04, | 0.018 |
| 62. | 20 Jul, | 12:55:04, | 0.019 |
| 63. | 20 Jul, | 13:00:04, | 0.020 |
| 64. | 20 Jul, | 13:05:04, | 0.019 |
|  | 20 Jul, | 13:10:04, | 0.022 |
| 66, | 20 Jul, | 13:15:04, | 0.019 |
|  | 20 Jul, | 13:20:04, | 0.021 |
| 68, | 20 Jul, | 13:25:04, | 0.023 |
| 69, | 20 Jul, | 13:30:04, | 0.028 |
| 70, | 20 Jul, | 13:35:04, | 0.020 |
| 71, | 20 Jul, | 13:40:04, | 0.026 |
| 72, | 20 Jul, | 13:45:04, | 0.022 |
| 73, | 20 Jul, | 13:50:04, | 0.026 |
|  | 20 Jul. | 13:55:04, | 0.036 |
| 75, | 20 Jul, | 14:00:04, | 0.020 |
| 76, | 20 Jul, | 14:05:04, | 0.026 |
| 77. | 20 Jul, | 14:10:04, | 0.020 |
| 78, | 20 Jul. | 14:15:04, | 0.020 |
| 79, | 20 Jul, | 14:20:04, | 0.020 |
| 80, | 20 Jul, | 14:25:04, | 0.018 |
| 81, | 20 Jul, | 14:30:04, | 0.018 |
| 82, | 20 Jul, | 14:35:04, | 0.020 |
| 3, | 20 Jul, | 14:40:04, | 0.018 |
| 84, | 20 Jul, | 14:45:04, | 0.020 |
| 85, | 20 Jul, | 14:50:04, | 0.019 |
| 86, | 20 Jul, | 14:55:04, | 0.019 |
| 87, | 20 Jul, | 15:00:04, | 0.019 |
| 88, | 20 Jul, | 15:05:04, | 0.020 |
| 89, | 20 Ju1, | 15:10:04, | 0.020 |
|  | 20 Jul, | 15:15:04, | 0.022 |
| 91, | 20 Jul, | 15:20:04, | 0.022 |
| 92, | 20 Jul, | 15:25:04, | 0.021 |
| 93, | 20 Jul, | 15:30:04, | 0.021 |
| 94, | 20 Jul, | 15:35:04, | 0.024 |
| 95, | 20 Jul, | 15:40:04, | 0.025 |
| 96, | 20 Jul, | 15:45:04, | 0.024 |
| 97. | 20 Jul, | 15:50:04, | 0.024 |
| 98, | 20 Jul, | 15:55:04, | 0.025 |
| 99, | 20 Jul, | 16:00:04, | 0.041 |
| 100, | 20 Jul, | 16:05:04, | 0.026 |
| 101, | 20 Jul, | 16:10:04, | 0.022 |
| 102, | 20 Jul, | 16:15:04, | 0.027 |
| 103, | 20 Jul, | 16:20:04, | 0.023 |
| 104, | 20 Jul, | 16:25:04, | 0.023 |
| 105, | 20 Jul, | 16:30:04, | 0.025 |

pDK-IUUU
Tag Number: 07
Number of logged points: 105
Start time and date: 08:01:28 21-Jul
Elapsed time: 08:45:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.687 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 14:28:30 Jul 21
Max STEL Concentration: $0.079 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 14:34:58 Jul 21
Overall Avg Conc: $0.058 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time
1, 21 Ju1, $08: 06: 28$,
Avg. (mg/m ${ }^{3}$ )
1,21 Jul, 08:06:28,
2, 21 Ju1, 08:11:28,
0.057
0.048

3, 21 Ju1, 08:16:28, 0.050
4, 21 Jul, 08:21:28, 0.052
$5,21 \mathrm{Jul}, 08: 26: 28,0.052$
6, 21 Jul, 08:31:28, 0.054
7, 21 Jul, 08:36:28, 0.059
8, 21 Jul, 08:41:28, 0.058
9, $21 \mathrm{Jul}, 08: 46: 28,0.052$
10, $21 \mathrm{Jul}, 08: 51: 28,0.049$
11, 21 Jul, 08:56:28, 0.049
12, 21 Jul, 09:01:28, 0.047
13, 21 Jul, 09:06:28, 0.048
14, 21 Jul, 09:11:28, 0.048
15, 21 Jul, 09:16:28, 0.050
16, 21 Jul, 09:21:28, 0.049
17, 21 Jul, 09:26:28, 0.047
18, 21 Jul, 09:31:28, 0.046
19, 21 Jul, 09:36:28, 0.050
20, 21 Jul, 09:41:28, 0.060
21, 21 Jul, 09:46:28, 0.050
22, 21 Jul, 09:51:28, 0.051
23, 21 Jul, 09:56:28, 0.048
24, $21 \mathrm{Jul}, 10: 01: 28,0.048$
25, 21 Jul, 10:06:28, 0.049
26, 21 Ju1, 10:11:28, 0.049
27, 21 Jul, 10:16:28, 0.049
28, 21 Jul, 10:21:28, 0.049
29, 21 Jul, 10:26:28, 0.050
30, $21 \mathrm{Jul}, 10: 31: 28,0.047$
31, 21 Jul, $10: 36: 28,0.049$
32, 21 Jul, 10:41:28, 0.052
33, 21 Jul, 10:46:28, 0.053
34, 21 Jul, 10:51:28, 0.053
35, 21 Jul, 10:56:28, 0.060
36, 21 Jul, 11:01:28, 0.063
37, 21 Jul, 11:06:28, 0.055
38, 21 Jul, 11:11:28, 0.058
39, 21 Jul, 11:16:28, 0.055
40, 21 Jul, 11:21:28, 0.055
41, $21 \mathrm{Jul}, 11: 26: 28,0.056$
42, 21 Jul, 11:31:28, 0.059
43, 21 Jul, 11:36:28, 0.057
$44,21 \mathrm{Jul}, 11: 41: 28,0.058$
45, 21 Jul, 11:46:28, 0.056
46, 21 Jul, 11:51:28, 0.056
47, 21 Jul, 11:56:28, 0.055
48, 21 Jul, 12:01:28, 0.055
49, 21 Jul, 12:06:28, 0.059
50, 21 Jul, 12:11:28, 0.056
51, $21 \mathrm{Jul}, 12: 16: 28,0.065$
52, 21 Jul, 12:21:28, 0.063
53, $21 \mathrm{Jul}, 12: 26: 28,0.059$
54, 21 Jul, 12:31:28, 0.061
$55,21 \mathrm{Jul}, 12: 36: 28,0.058$
56, $21 \mathrm{Jul}, 12: 41: 28,0.057$
57, $21 \mathrm{Jul}, 12: 46: 28,0.062$


Tag Number: 08
Number of logged points: 110
Start time and date: 07:35:03 22-Jul
Elapsed time: 09:10:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.437 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 07:35:10 Jul 22
Max STEL Concentration: $0.131 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 07:59:03 Jul 22
Overall Avg Conc: $0.106 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date 1, 22 Jul, 07:40:03,

Avg. (mg/m ${ }^{3}$ )
2, 22 Jul, 07:45:03, 0.093

3, 22 Jul, 07:50:03, 0.129
4, 22 Jul, 07:55:03, 0.131
5, 22 Jul, 08:00:03, 0.132
6, 22 Jul, 08:05:03, 0.127
7, 22 Jul, 08:10:03, 0.128
8, 22 Jul, 08:15:03, 0.124
9, 22 Jul, 08:20:03, 0.125
10, 22 Jul, 08:25:03, 0.121
11, 22 Jul, 08:30:03, 0.106
12, 22 Jul, 08:35:03, 0.105
13, 22 Jul, 08:40:03, 0.101
14, 22 Ju1, 08:45:03, 0.100
15, 22 Jul, 08:50:03, 0.098
16, 22 Jul, 08:55:03, 0.099
17, 22 Jul, 09:00:03, 0.098
18, 22 Jul, 09:05:03, 0.099
19, 22 Jul, 09:10:03, 0.099
20, 22 Jul, 09:15:03, 0.099
21, 22 Jul, 09:20:03, 0.104
22, 22 Jul, 09:25:03, 0.132
23, 22 Jul, 09:30:03, 0.120
24, 22 Jul, 09:35:03, 0.106
25, 22 Jul, 09:40:03, 0.100
26, $22 \mathrm{Jul}, 09: 45: 03,0.098$
27, 22 Jul, 09:50:03, 0.101
28, 22 Jul, 09:55:03, 0.099
29, $22 \mathrm{Jul}, 10: 00: 03,0.097$
30, 22 Jul, 10:05:03, 0.097
31, 22 Jul, 10:10:03, 0.095
32, 22 Jul, 10:15:03, 0.096
33, 22 Jul, 10:20:03, 0.097
34, 22 Jul, 10:25:03, 0.095
35, 22 Jul, 10:30:03, 0.098
36, 22 Jul, 10:35:03, 0.098
37, 22 Jul, 10:40:03, 0.097
38, $22 \mathrm{Jul}, 10: 45: 03,0.097$
39, 22 Jul, 10:50:03, 0.103
40, 22 Jul, 10:55:03, 0.098
41, $22 \mathrm{Jul}, 11: 00: 03,0.098$
42, 22 Jul, 11:05:03, 0.098
43, 22 Jul, 11:10:03, 0.099
44, 22 Jul, 11:15:03, 0.099
45, 22 Jul, 11:20:03, 0.099
46, 22 Jul, 11:25:03, 0.100
47, 22 Jul, 11:30:03, 0.102
48, 22 Jul, 11:35:03, 0.107
49, 22 Jul, 11:40:03, 0.108
50, 22 Jul, 11:45:03, 0.112
51, 22 Jul, 11:50:03, 0.117
52, 22 Ju1, 11:55:03, 0.110
53, 22 Ju1, 12:00:03, 0.106
54, 22 Jul, 12:05:03, 0.104
55, 22 Jul, 12:10:03, 0.108
56, 22 Jul, 12:15:03, 0.101
57, 22 Jul, 12:20:03, 0.101

|  | < 6 Uul, | 1<: <0: 03 , | U.10 |
| :---: | :---: | :---: | :---: |
| 59, | 22 Jul , | 12:30:03, | 0.099 |
| 60, | 22 Jul, | 12:35:03, | 0.097 |
| 61, | 22 Jul, | 12:40:03, | 0.102 |
| 62, | 22 Jul, | 12:45:03, | 0.101 |
| 63. | 22 Jul, | 12:50:03, | 0.099 |
| 64, | 22 Jul, | 12:55:03, | 0.099 |
| 65, | 22 Jul, | 13:00:03, | 0.101 |
| 66, | 22 Jul, | 13:05:03, | 0.103 |
| 67, | 22 Jul, | 13:10:03, | 0.103 |
| 68, | 22 Jul, | 13:15:03, | 0.101 |
| 69, | 22 Jul, | 13:20:03, | 0.098 |
| 70, | 22 Jul, | 13:25:03, | 0.106 |
| 71, | 22 Jul, | 13:30:03, | 0.112 |
| 72, | 22 Jul, | 13:35:03, | 0.108 |
| 73, | 22 Jul, | 13:40:03, | 0.100 |
| 74, | 22 Jul, | 13:45:03, | 0.107 |
| 75, | 22 Jul , | 13:50:03, | 0.115 |
|  | 22 Jul, | 13:55:03, | 0.113 |
| 77. | 22 Jul, | 14:00:03, | 0.112 |
|  | 22 Jul, | 14:05:03, | 0.110 |
| 79, | 22 Jul, | 14:10:03, | 0.108 |
|  | 22 Jul, | 14:15:03, | 0.106 |
| 81, | 22 Jul, | 14:20:03, | 0.105 |
|  | 22 Jul, | 14:25:03, | 0.101 |
| 83, | 22 Jul, | 14:30:03, | 0.099 |
| 84, | 22 Jul, | 14:35:03, | 0.099 |
| 85, | 22 Jul, | 14:40:03, | 0.100 |
| 86, | 22 Jul, | 14:45:03, | 0.103 |
|  | 22 Jul, | 14:50:03, | 0.103 |
| 88, | 22 Jul, | 14:55:03, | 0.104 |
|  | 22 Jul, | 15:00:03, | 0.105 |
| 90, | 22 Jul, | 15:05:03, | 0.105 |
|  | 22 Jul, | 15:10:03, | 0.106 |
| 92, | 22 Jul, | 15:15:03, | 0.106 |
| 93, | 22 Jul, | 15:20:03, | 0.108 |
|  | 22 Jul, | 15:25:03, | 0.111 |
| 95, | 22 Jul, | 15:30:03, | 0.115 |
|  | 22 Jul, | 15:35:03, | 0.113 |
|  | 22 Jul , | 15:40:03, | 0.114 |
|  | 22 Jul, | 15:45:03, | 0.110 |
|  | 22 Jul, | 15:50:03, | 0.111 |
| 100, | 22 Jul, | 15:55:03, | 0.113 |
| 101, | 22 Jul, | 16:00:03, | 0.113 |
| 102, | 22 Jul, | 16:05:03, | 0.111 |
| 103, | 22 Jul, | 16:10:03, | 0.109 |
| 104, | 22 Jul , | 16:15:03, | 0.109 |
| 105, | 22 Jul, | 16:20:03, | 0.106 |
| 106, | 22 Jul , | 16:25:03, | 0.105 |
| 107, | 22 Jul , | 16:30:03, | 0.105 |
| 108, | 22 Jul, | 16:35:03, | 0.104 |
| 109, | 22 Jul, | 16:40:03, | 0.102 |
| 110, |  | 6.45.03 | 0.101 |

pha-suug
Tag Number: 09
Number of logged points: 78
Start time and date: 07:44:43 23-Ju1
Elapsed time: 06:30:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.266 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 07:44:47 Jul 23
Max STEL Concentration: $0.152 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 07:59:43 Jul 23
Overall Avg Conc: $0.080 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:

Point, Date Time

Avg. (mg/m ${ }^{3}$ )
1, 23 Jul, 07:49:43, 2, 23 Jul, 07:54:43, 3, 23 Jul, 07:59:43, 60
0.155
0.140

4,23 Jul, 08:04:43, 0.140
5, 23 Jul, 08:09:43, 0.138
6, $23 \mathrm{Jul}, 08: 14: 43,0.137$
7, 23 Ju1, 08:19:43, 0.136
8, 23 Jul, 08:24:43, 0.136
9, 23 Jul, 08:29:43, 0.136
10, 23 Jul, 08:34:43, 0.135
11, 23 Jul, 08:39:43, 0.135
12, 23 Jul, 08:44:43, 0.136
13, 23 Jul, 08:49:43, 0.136
14, $23 \mathrm{Ju}, 08: 54: 43,0.132$
15, 23 Jul, 08:59:43, 0.133
16,23 Jul, 09:04:43, 0.134
17, 23 Jul, 09:09:43, 0.134
18, 23 Jul, 09:14:43, 0.134
19, 23 Jul, 09:19:43, 0.139
20, 23 Ju1, 09:24:43, 0.131
21, 23 Jul, 09:29:43, 0.131
22, 23 Jul, 09:34:43, 0.136
23, 23 Jul, 09:39:43, 0.132
24, 23 Jul, 09:44:43, 0.132
25, 23 Jul, 09:49:43, 0.128
26, 23 Ju1, 09:54:43, 0.129
27, 23 Jul, 09:59:43, 0.127
28, $23 \mathrm{Jul}_{\mathrm{r}} 10: 04: 43,0.129$
29, 23 Jul, 10:09:43, 0.128
30, 23 Jul, 10:14:43, 0.130
31, 23 Jul, 10:19:43, 0.128
32, $23 \mathrm{Jul}, 10: 24: 43,0.126$
33, 23 Jul, 10:29:43, 0.122
34, 23 Jul, 10:34:43, 0.124
35, 23 Jul, 10:39:43, 0.124
36, 23 Jul, 10:44:43, 0.118
37, 23 Jul, 10:49:43, 0.116
38, 23 Jul, 10:54:43, 0.118
39, 23 Jul, 10:59:43, 0.116
40, 23 Jul, 11:04:43, 0.112
41, 23 Jul, 11:09:43, 0.113
42, 23 Jul, 11:14:43, 0.113
43, 23 Jul, 11:19:43, 0.118
44, 23 Jul, 11:24:43, 0.113
45, 23 Jul, 11:29:43, 0.065
46, 23 Jul, 11:34:43, 0.011
47, 23 Jul, 11:39:43, 0.000
48,23 Jul, 11:44:43, 0.000
49, 23 Ju1, 11:49:43, 0.000
50, 23 Jul, 11:54:43, 0.000
51, 23 Ju1, 11:59:43, 0.000
52, 23 Ju1, 12:04:43, 0.000
53, 23 Jul, 12:09:43, 0.000
54, 23 Jul, 12:14:43, 0.000
55, 23 Ju1, 12:19:43, 0.000
56, 23 Jul, 12:24:43, 0.006
57, 23 Jul, 12:29:43, 0.000

pมรーIvuも
Tag Number: 10
Number of logged points: 78
Start time and date: 10:03:30 26-Jul
Elapsed time: 06:30:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.094 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 16:28:32 Jul 26
Max STEL Concentration: $0.031 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 16:03:30 Jul 26
Overall Avg Conc: $0.025 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. $\left(\mathrm{mg} / \mathrm{m}^{3}\right)$
$\begin{array}{lll}1,26 \text { Jul, } 10: 08: 30, & 0.000 \\ 2,26 \text { Jul, } 10: 13: 30, & 0.000\end{array}$
$\begin{array}{lll}2,26 \\ \text { Jul, } & 10: 13: 30, & 0.000 \\ 3,26 \text { Jul, } & 10: 18: 30, & 0.002\end{array}$
4, 26 Jul, 10:23:30, 0.007
5, 26 Jul, 10:28:30, 0.014
6, 26 Jul, $10: 33: 30,0.019$
7, 26 Jul, 10:38:30, 0.020
8, 26 Jul, 10:43:30, 0.015
9, 26 Jul, 10:48:30, 0.018
10, 26 Jul, 10:53:30, 0.018
11, 26 Jul, 10:58:30, 0.023
12, 26 Jul, 11:03:30, 0.023
13, 26 Jul, 11:08:30, 0.024
14, 26 Jul, 11:13:30, 0.024
15, 26 Jul, 11:18:30, 0.024
16, 26 Jul, 11:23:30, 0.023
17, 26 Jul, 11:28:30, 0.024
18, 26 Jul, 11:33:30, 0.026
19, 26 Jul, 11:38:30, 0.024
20, 26 Jul, 11:43:30, 0.025
21, 26 Jul, 11:48:30, 0.029
22, 26 Jul, 11:53:30, 0.027
23, 26 Jul, 11:58:30, 0.027
24, 26 Jul, 12:03:30, 0.024
25, 26 Jul, 12:08:30, 0.024
26, 26 Jul, 12:13:30, 0.026
27, 26 Jul, 12:18:30, 0.026
28, 26 Jul, 12:23:30, 0.028
29, 26 Jul, 12:28:30, 0.026
30, 26 Jul, 12:33:30, 0.025
31, 26 Jul, 12:38:30, 0.024
32, 26 Jul, 12:43:30, 0.024
33, 26 Ju1, 12:48:30, 0.024
34, $26 \mathrm{Ju}, 12: 53: 30,0.024$
35, 26 Jul, 12:58:30, 0.024
36, $26 \mathrm{Jul}, 13: 03: 30,0.026$
37, 26 Jul, 13:08:30, 0.025
38, $26 \mathrm{Jul}, 13: 13: 30,0.026$
39, 26 Jul, 13:18:30, 0.025
40, 26 Jul, 13:23:30, 0.025
41, 26 Jul, 13:28:30, 0.025
42, 26 Jul, 13:33:30, 0.027
43, 26 Jul, 13:38:30, 0.026
44, 26 Jul, 13:43:30, 0.026
45, 26 Jul, 13:48:30, 0.027
46, 26 Jul, 13:53:30, 0.032
47, 26 Jul, 13:58:30, 0.028
48, $26 \mathrm{Jul}, 14: 03: 30,0.028$
49, 26 Jul, 14:08:30, 0.029
50, 26 Jul, $14: 13: 30,0.027$
51, 26 Jul, 14:18:30, 0.027
52, 26 Jul, 14:23:30, 0.028
53, 26 Ju1, 14:28:30, 0.028
54, $26 \mathrm{Jul}, 14: 33: 30,0.029$
55, 26 Jul, 14:38:30, 0.028
56, 26 Jul, $14: 43: 30,0.028$
57, $26 \mathrm{Jul}, 14: 48: 30,0.029$

pur-ivue
Tag Number: 11
Number of logged points: 100
Start time and date: 07:51:15 27-Jul
Elapsed time: 08:20:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.124 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 10:05:57 Jul 27
Max STEL Concentration: $0.027 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 10:17:45 Jul 27
Overall Avg Conc: $0.000 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m3)
1, 27 Jul, 07:56:15, 0.007
2, 27 Jul, 08:01:15, 0.005
3, $27 \mathrm{Jul}, 08: 06: 15,0.004$
4, 27 Jul, 08:11:15, 0.008
5, 27 Jul, 08:16:15, 0.007
6, 27 Jul, $08: 21: 15,0.006$
7, 27 Jul, 08:26:15, 0.009
8, 27 Jul, 08:31:15, 0.008
9, $27 \mathrm{Jul}, 08: 36: 15,0.009$
10, 27 Jul, 08:41:15, 0.007
11, 27 Jul, 08:46:15, 0.007
12, 27 Jul, 08:51:15, 0.011
13, 27 Jul, 08:56:15, 0.010
14, 27 Jul, 09:01:15, 0.011
15, 27 Jul, 09:06:15, 0.012
16, 27 Jul, 09:11:15, 0.013
17, 27 Jul, $09: 16: 15,0.012$
18, 27 Jul, 09:21:15, 0.016
19, 27 Jul, 09:26:15, 0.013
20, 27 Jul, 09:31:15, 0.013
21, 27 Jul, 09:36:15, 0.015
22, 27 Jul, 09:41:15, 0.017
23, 27 Jul, 09:46:15, 0.017
24, 27 Jul, 09:51:15, 0.020
25, 27 Jul, 09:56:15, 0.021
26, 27 Jul, 10:01:15, 0.017
27, 27 Jul, 10:06:15, 0.029
28, 27 Jul, 10:11:15, 0.021
29, 27 Jul, 10:16:15, 0.027
30, 27 Jul, 10:21:15, 0.020
31, 27 Jul, $10: 26: 15,0.018$
32, 27 Jul, 10:31:15, 0.017
33, 27 Jul, 10:36:15, 0.015
34, 27 Jul, 10:41:15, 0.014
35, $27 \mathrm{Jul}, 10: 46: 15,0.014$
36, 27 Jul, 10:51:15, 0.011
37, 27 Jul, 10:56:15, 0.012
38, 27 Jul, 11:01:15, 0.010
39, 27 Jul, 11:06:15, 0.008
40, 27 Ju1, $11: 11: 15,0.009$
41, 27 Jul, 11:16:15, 0.009
42, 27 Jul, 11:21:15, 0.008
43, 27 Jul, 11:26:15, 0.007
44, 27 Jul, 11:31:15, 0.008
45, 27 Jul, 11:36:15, 0.006
46, 27 Jul, 11:41:15, 0.008
47, 27 Jul, 11:46:15, 0.007
48, 27 Jul, 11:51:15, 0.007
49, 27 Jul, 11:56:15, 0.005
50, $27 \mathrm{Jul}, 12: 01: 15,0.000$
51, 27 Jul, 12:06:15, 0.000
$52,27 \mathrm{Jul}, 12: 11: 15,0.000$
53, 27 Jul, 12:16:15, 0.000
54, 27 Jul, 12:21:15, 0.000
55, 27 Jul, $12: 26: 15,0.000$
56, $27 \mathrm{Jul}, 12: 31: 15,0.000$
57, $27 \mathrm{Jul}, 12: 36: 15,0.000$

| 38, | uu1, | , |  |
| :---: | :---: | :---: | :---: |
| 59, | 27 Jul, | 12:46:15, | 0.000 |
| 60, | 27 Jul , | 12:51:15, | 0.000 |
| 61, | 27 Jul, | 12:56:15, | 0.001 |
| 62, | 27 Jul, | 13:01:15, | 0.000 |
| 63. | 27 Jul, | 13:06:15, | 0.000 |
| 64, | 27 Jul, | 13:11:15, | 0.000 |
| 65, | 27 Jul, | 13:16:15, | 0.000 |
| 66, | 27 Jul, | 13:21:15, | 0.000 |
| 67. | 27 Jul, | 13:26:15, | 0.000 |
| 68, | 27 Jul, | 13:31:15, | 0.000 |
| 69, | 27 Jul, | 13:36:15, | 0.000 |
| 70, | 27 Jul, | 13:41:15, | 0.000 |
| 71, | 27 Jul, | 13:46:15, | 0.000 |
| 72, | 27 Jul, | 13:51:15, | 0.000 |
| 73. | 27 Jul, | 13:56:15, | 0.000 |
| 74, | 27 Jul, | 14:01:15, | 0.000 |
| 75, | 27 Jul, | 14:06:15, | 0.000 |
| 76, | 27 Jul, | 14:11:15, | 0.000 |
| 77. | 27 Jul, | 14:16:15, | 0.000 |
| 78, | 27 Jul, | 14:21:15, | 0.000 |
| 79, | 27 Jul, | 14:26:15, | 0.000 |
| 80, | 27 Jul, | 14:31:15, | 0.000 |
| 81, | 27 Jul, | 14:36:15, | 0.000 |
| 82, | 27 Jul, | 14:41:15, | 0.000 |
| 83, | 27 Jul, | 14:46:15, | 0.000 |
| 84, | 27 Jul, | 14:51:15, | 0.000 |
| 85, | 27 Jul, | 14:56:15, | 0.000 |
| 86, | 27 Jul, | 15:01:15, | 0.000 |
| 87, | 27 Jul, | 15:06:15, | 0.001 |
| 88, | 27 Jul, | 15:11:15, | 0.000 |
| 89, | 27 Jul, | 15:16:15, | 0.000 |
| 90, | 27 Jul, | 15:21:15, | 0.000 |
| 91, | 27 Jul, | 15:26:15, | 0.000 |
| 92, | 27 Jul, | 15:31:15, | 0.000 |
| 93, | 27 Jul , | 15:36:15, | 0.000 |
| 94, | 27 Jul, | 15:41:15, | 0.000 |
| 95, | 27 Jul, | 15:46:15, | 0.000 |
| 96, | 27 Jul, | 15:51:15, | 0.000 |
| 97, | 27 Jul, | 15:56:15, | 0.000 |
| 98, | 27 Jul, | 16:01:15, | 0.000 |
| 99, | 27 Jul, | 16:06:15, | 0.000 |
| 00, | 27 Ju | $16:$ | 0.000 |

PレKートUUU
Tag Number： 12
Number of logged points： 118
Start time and date：08：45：02 28－Jul
Elapsed time：09：50：00
Logging period（sec）： 300
Calibration Factor（\％）： 100
Max Display Concentration： $1.742 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum：15：21：54 Jul 28
Max STEL Concentration： $0.050 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL：15：36：32 Jul 28
Overall Avg Conc： $0.022 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data：
Point，Date ，Time ，Avg．（mg／m ${ }^{3}$ ）
1， 28 Jul，08：50：02， 0.006

2， 28 Jui，08：55：02， 0.001
3， 28 Jui，09：00：02， 0.001
4， 28 Jui，09：05：02， 0.000
5， 28 Jui，09：10：02， 0.000
6， 28 Jul，09：15：02， 0.000
7， 28 Jul，09：20：02， 0.000
8， 28 Jul，09：25：02， 0.000
9， 28 Jul，09：30：02， 0.000
10， 28 Jul，09：35：02， 0.000
11， 28 Jui，09：40：02， 0.000
12， 28 Jul，09：45：02， 0.001
13， 28 Jul，09：50：02， 0.001
14， 28 Jul，09：55：02， 0.000
15， 28 Jul，10：00：02， 0.003
16， 28 Jui，10：05：02， 0.005
17， 28 Jul，10：10：02， 0.002
18， 28 Ju1，10：15：02， 0.000
19， 28 Jul，10：20：02， 0.003
20， 28 Jul，10：25：02， 0.007
21， 28 Jul，10：30：02， 0.015
22， 28 Ju1，10：35：02， 0.027
23， 28 Jul，10：40：02， 0.014
24， 28 Jul，10：45：02， 0.013
25， 28 Jul，10：50：02， 0.015
26， 28 Jul，10：55：02， 0.021
27， 28 Jul，11：00：02， 0.020
28， 28 Jul，11：05：02， 0.019
29， 28 Jul，11：10：02， 0.021
30， 28 Ju1，11：15：02， 0.053
31， 28 Jul，11：20：02， 0.032
32， 28 Jui，11：25：02， 0.025
33， 28 Jul，11：30：02， 0.024
34， 28 Ju1，11：35：02， 0.022
35， 28 Jul，11：40：02， 0.022
36， 28 Jul，11：45：02， 0.022
37， 28 Jul，11：50：02， 0.024
38， $28 \mathrm{Jul}, 11: 55: 02,0.026$
39，2B Jul，12：00：02， 0.029
40， 28 Jul，12：05：02， 0.027
41， 28 Jul，12：10：02， 0.029
42， 28 Jul，12：15：02， 0.032
43， 28 Jul，12：20：02， 0.037
44， 28 Jul，12：25：02， 0.032
45， 28 Jul，12：30：02， 0.031
46， 28 Jul，12：35：02， 0.031
47， 28 Jul，12：40：02， 0.031
48， 28 Jul，12：45：02， 0.032
49， 28 Jul，12：50：02， 0.033
50， 28 Jul，12：55：02， 0.033
51， 28 Jul，13：00：02， 0.033
52， $28 \mathrm{Jul}, 13: 05: 02,0.032$
53， 28 Ju1，13：10：02， 0.031
54， 28 Jul，13：15：02， 0.033
55， 28 Jul，13：20：02， 0.032
56， 28 Ju1，13：25：02， 0.029
57， 28 Jui，13：30：02， 0.027

| -0, 4 | uut | 1د:Ju:Vく1 | $\checkmark .0<0$ |
| :---: | :---: | :---: | :---: |
| 59, 2 | 28 Jul, | 13:40:02, | 0.026 |
| 60, 2 | 28 Jul, | 13:45:02, | 0.028 |
| 61, 2 | 28 Jul, | 13:50:02, | 0.034 |
| 62, 2 | 28 Jul | 13:55:02, | 0.036 |
| 63, 2 | 28 Jul , | 14:00:02, | 0.039 |
| 64, 2 | 28 Jul | 14:05:02, | 0.039 |
| 65, 2 | 28 Jul. | 14:10:02, | 0.036 |
| 66, 2 | 28 Jul | 14:15:02, | 0.037 |
| 67, 2 | 28 Jul, | 14:20:02, | 0.058 |
| 68, 28 | 28 Jul, | 14:25:02, | 0.032 |
| 69, 2 | 28 Jul | 14:30:02, | 0.024 |
| 70, 2 | 28 Jul, | 14:35:02, | 0.019 |
| 71, 2 | 28 Jul | 14:40:02, | 0.015 |
| 72,28 | 28 Jul, | 14:45:02, | 0.016 |
| 73, 28 | 28 Jul, | 14:50:02, | 0.015 |
| 74, 2 | 28 Jul, | 14:55:02, | 0.014 |
| 75, 28 | 28 Jul, | 15:00:02, | 0.014 |
| 76, 28 | 28 Jul, | 15:05:02, | 0.012 |
| 77, 28 | 28 Jul, | 15:10:02, | 0.014 |
| 78, 28 | 28 Jul, | 15:15:02, | 0.012 |
| 79, 2 | 28 Jul, | 15:20:02, | 0.015 |
| 80, 28 | 28 Jul, | 15:25:02, | 0.098 |
| 81, 2 | 28 Jul , | 15:30:02, | 0.022 |
| 82, 28 | 28 Jul, | 15:35:02, | 0.025 |
| 83, 28 | 28 Jul, | 15:40:02, | 0.027 |
| 84, 2 | 28 Jul, | 15:45:02, | 0.027 |
| 85, 28 | 28 Jul , | 15:50:02, | 0.025 |
| 86, 28 | 28 Jul, | 15:55:02, | 0.028 |
| 87, 28 | 28 Jul, | 16:00:02, | 0.026 |
| 88, 28 | 28 Jul, | 16:05:02, | 0.024 |
| 89, 2 | 28 Jul, | 16:10:02, | 0.023 |
| 90, 2 | 28 Jul, | 16:15:02, | 0.028 |
| 91, 2 | 28 Jul, | 16:20:02, | 0.029 |
| 92, 2 | 28 Jul, | 16:25:02, | 0.030 |
| 93, 28 | 28 Jul, | 16:30:02, | 0.029 |
| 94, 2 | 28 Jul , | 16:35:02, | 0.027 |
| 95, 2 | 28 Jul, | 16:40:02, | 0.027 |
| 96, 2 | 28 Jul, | 16:45:02, | 0.026 |
| 97, 2 | 28 Jul, | 16:50:02, | 0.024 |
| 98, 2 | 28 Jul, | 16:55:02, | 0.024 |
| 99, 2 | 28 Jul, | 17:00:02, | 0.026 |
| 100, 2 | 28 Jul, | 17:05:02, | 0.029 |
| 101, 2 | 28 Jul, | 17:10:02, | 0.023 |
| 102, 2 | 28 Jul, | 17:15:02, | 0.022 |
| 103, 2 | 28 Jul, | 17:20:02, | 0.020 |
| 104, 2 | 28 Jul, | 17:25:02, | 0.021 |
| 105, 2 | 28 Jul, | 17:30:02, | 0.021 |
| 106, 2 | 28 Jul, | 17:35:02, | 0.023 |
| 107, 2 | 28 Ju1, | 17:40:02, | 0.023 |
| 108, 2 | 28 Jul, | 17:45:02, | 0.024 |
| 109, 2 | 28 Jul, | 17:50:02, | 0.025 |
| 110, 2 | 28 Jul, | 17:55:02, | 0.022 |
| 111, 2 | 28 Jul, | 18:00:02, | 0.023 |
| 112, 2 | 28 Jul, | 18:05:02, | 0.022 |
| 113, 2 | 28 Jul, | 18:10:02, | 0.023 |
| 114, 2 | 28 Jul, | 18:15:02, | 0.023 |
| 115, 2 | 28 Ju1, | 18:20:02, | 0.023 |
| 116, 2 | 28 Jul, | 18:25:02, | 0.024 |
| 117, 2 | 28 Jul, | 18:30:02, | 0.025 |
| 118, 2 | 28 Jul | 18:35:02 | 0.018 |

Tag Number: 13
Number of logged points: 102
Start time and date: 10:45:16 03-Aug
Elapsed time: 08:30:00
Logging period (sec): 300
Calibration Factor (\%): 100
Max Display Concentration: $0.298 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum: 19:05:10 Aug 03
Max STEL Concentration: $0.095 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL: 15:48:46 Aug 03
Overall Avg Conc: $0.082 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data:
Point, Date , Time , Avg. (mg/m ${ }^{3}$ )
1, 03 Aug, 10:50:16, 0.095
2, 03 Aug, 10:55:16, 0.089
3, 03 Aug, 11:00:16, 0.085
4, 03 Aug, 11:05:16, 0.085
5, 03 Aug, $11: 10: 16$, 0.086
6, 03 Aug, 11:15:16, 0.085
7, 03 Aug, 11:20:16, 0.083
8, 03 Aug, 11:25:16, 0.081
9, 03 Aug, 11:30:16, 0.082
10, 03 Aug, $11: 35: 16,0.086$
11, 03 Aug, 11:40:16, 0.081
12, 03 Aug, 11:45:16, 0.081
13, 03 Aug, 11:50:16, 0.082
14, 03 Aug, 11:55:16, 0.083
15, 03 Aug, 12:00:16, 0.082
16, 03 Aug, 12:05:16, 0.081
17, 03 Aug, 12:10:16, 0.083
18, 03 Aug, 12:15:16, 0.089
19, 03 Aug, 12:20:16, 0.086
20, 03 Aug, 12:25:16, 0.089
21, 03 Aug, 12:30:16, 0.088
22, 03 Aug, 12:35:16, 0.086
23, 03 Aug, 12:40:16, 0.085
24, 03 Aug, 12:45:16, 0.086
25, 03 Aug, 12:50:16, 0.087
26, 03 Aug, 12:55:16, 0.087
27, 03 Aug, 13:00:16, 0.084
28, 03 Aug, 13:05:16, 0.084
29, 03 Aug, 13:10:16, 0.085
30, 03 Aug, 13:15:16, 0.087
31, 03 Aug, 13:20:16, 0.090
32, 03 Aug, 13:25:16, 0.088
33, 03 Aug, 13:30:16, 0.087
34, 03 Aug, 13:35:16, 0.091
35, 03 Aug, 13:40:16, 0.083
36, 03 Aug, 13:45:16, 0.082
37, 03 Aug, 13:50:16, 0.082
38, 03 Aug, 13:55:16, 0.083
39, 03 Aug, 14:00:16, 0.077
40, 03 Aug, 14:05:16, 0.071
41, 03 Aug, 14:10:16, 0.076
42, 03 Aug, 14:15:16, 0.079
43, 03 Aug, 14:20:16, 0.076
44, 03 Aug, 14:25:16, 0.084
45, 03 Aug, 14:30:16, 0.077
46, 03 Aug, 14:35:16, 0.084
47, 03 Aug, $14: 40: 16,0.086$
48, 03 Aug, 14:45:16, 0.086
49, 03 Aug, 14:50:16, 0.086
50, 03 Aug, 14:55:16, 0.089
51, 03 Aug, 15:00:16, 0.090
52, 03 Aug, 15:05:16, 0.091
53, 03 Aug, 15:10:16, 0.091
54, 03 Aug, 15:15:16, 0.091
55, 03 Aug, 15:20:16, 0.093
56, 03 Aug, 15:25:16, 0.095
57, 03 Aug, 15:30:16, 0.094

|  | 03 Aug, | 15:40:16, | 0.094 |
| :---: | :---: | :---: | :---: |
| 60, | 03 Aug, | 15:45:16, | 0.095 |
| 61 , | 03 Aug, | 15:50:16, | 0.095 |
| 62, | 03 Aug, | 15:55:16, | 0.094 |
| 63, | 03 Aug, | 16:00:16, | 0.097 |
| 64, | 03 Aug, | 16:05:16, | 0.092 |
| 65. | 03 Aug, | 16:10:16, | 0.087 |
| 66, | 03 Aug, | 16:15:16, | 0.084 |
| 67. | 03 Aug , | 16:20:16, | 0.082 |
| 68, | 03 Aug, | 16:25:16, | 0.082 |
| 69, | 03 Aug, | 16:30:16, | 0.081 |
| 70, | 03 Aug, | 16:35:16, | 0.079 |
| 71, | 03 Aug, | 16:40:16, | 0.075 |
| 72. | 03 Aug, | 16:45:16, | 0.073 |
| 73, | 03 Aug, | 16:50:16, | 0.074 |
| 74, | 03 Aug, | 16:55:16, | 0.072 |
| 75, | 03 Aug, | 17:00:16, | 0.070 |
| 76, | 03 Aug, | 17:05:16, | 0.066 |
| 77, | 03 Aug, | 17:10:16, | 0.067 |
| 78, | 03 Aug, | 17:15:16, | 0.069 |
| 79, | 03 Aug, | 17:20:16, | 0.068 |
| 80, | 03 Aug, | 17:25:16, | 0.069 |
| 81, | 03 Aug, | 17:30:16, | 0.069 |
| 82, | 03 Aug, | 17:35:16, | 0.068 |
| 83. | 03 Aug, | 17:40:16, | 0.068 |
| 84. | 03 Aug, | 17:45:16, | 0.070 |
| 85, | 03 Aug, | 17:50:16, | 0.072 |
| 86, | 03 Aug, | 17:55:16, | 0.073 |
| 87. | 03 Aug, | 18:00:16, | 0.072 |
| 88, | 03 Aug, | 18:05:16, | 0.077 |
| 89, | 03 Aug, | 18:10:16, | 0.079 |
| 90, | 03 Aug, | 18:15:16, | 0.079 |
| 91, | 03 Aug, | 18:20:16, | 0.080 |
| 92. | 03 Aug, | 18:25:16, | 0.079 |
| 93, | 03 Aug, | 18:30:16, | 0.078 |
| 94. | 03 Aug, | 18:35:16, | 0.079 |
| 95, | 03 Aug, | 18:40:16, | 0.077 |
| 96, | 03 Aug, | 18:45:16, | 0.075 |
| 97. | 03 Aug, | 18:50:16, | 0.072 |
| 98, | 03 Aug, | 18:55:16, | 0.069 |
| 99. | 03 Aug, | 19:00:16, | 0.068 |
| 100, | 03 Aug, | 19:05:16, | 0.078 |
| 101, | 03 Aug, | 19:10:16, | 0.065 |
| 102, | 03 Aug, | 19:15:16, | 0.065 |

pDR－1000
Tag Number： 13
Number of logged points： 102
Start time and date：10：45：16 03－Aug
Elapsed time：08：30：00
Logging period（sec）： 300
Calibration Factor（\％）： 100
Max Display Concentration： $0.298 \mathrm{mg} / \mathrm{m}^{3}$
Time at maximum：19：05：10 Aug 03
Max STEI Concentration： $0.095 \mathrm{mg} / \mathrm{m}^{3}$
Time at max STEL：15：48：46 Aug 03
Overall Avg Conc： $0.082 \mathrm{mg} / \mathrm{m}^{3}$
Logged Data：こてて6
Point，Date ，Time ，Avg．（mg／m³） 1，03 Aug，10：50：16， 0.095 2， 03 Aug，10：55：16， 0.089 3， 03 Aug，11：00：16， 0.085 4，03 Aug，11：05：16， 0.085 5， 03 Aug，11：10：16， 0.086 6，03 Aug，11：15：16， 0.085 7， 03 Aug，11：20：16， 0.083 8， 03 Aug，11：25：16， 0.081 9， 03 Aug，11：30：16， 0.082
10， 03 Aug，11：35：16， 0.086
11， 03 Aug，11：40：16， 0.081
12， 03 Aug，11：45：16， 0.081
13， 03 Aug，11：50：16， 0.082
14， 03 Aug，11：55：16， 0.083
15， 03 Aug，12：00：16， 0.082
16， 03 Aug，12：05：16， 0.081
17， 03 Aug，12：10：16， 0.083
18， 03 Aug，12：15：16， 0.089
19， 03 Aug，12：20：16， 0.086
20， 03 Aug，12：25：16， 0.089
21， 03 Aug，12：30：16， 0.088
22， 03 Aug，12：35：16， 0.086
23， 03 Aug，12：40：16， 0.085
24，03 Aug，12：45：16， 0.086
25，03 Aug，12：50：16， 0.087
26，03 Aug，12：55：16， 0.087
27， 03 Aug，13：00：16，0．084
28， 03 Aug，13：05：16， 0.084
29， 03 Aug，13：10：16， 0.085
30， 03 Aug，13：15：16， 0.087
31， 03 Aug，13：20：16， 0.090
32， 03 Aug，13：25：16， 0.088
33， 03 Aug，13：30：16， 0.087
34， 03 Aug，13：35：16， 0.091
35， $03 \mathrm{Aug}, 13: 40: 16,0.083$
36， 03 Aug，13：45：16， 0.082
37， 03 Aug，13：50：16， 0.082
38，03 Aug，13：55：16， 0.083
39， 03 Aug，14：00：16， 0.077
40， 03 Aug，14：05：16， 0.071
41， 03 Aug，14：10：16， 0.076

## APPENDIX D

## CHROMIUM ROOM AND EXTERIOR EXCAVATION- MATERIAL SUMMARY

## APPENDIX D - TABLE D-1

Summary of Chromium Soil Removed From
Former Banknote Facility, Suffern, NY

| Date | Load \# | Log <br> Number | Material | Tons | Cubic Yards |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 19-Jul-04 | 1 | 71 | Chrome Room | 19.71 | 13.59 |
| 19-Jul-04 | 2 | 72 | Chrome Room | 17.46 | 12.04 |
| 12-Aug-04 | 3 | $4311(59)$ | Exterior-Section 1 | 28.10 | 19.38 |
| 12-Aug-04 | 4 | $4318(73)$ | Exterior-Section 1 | 28.63 | 19.74 |
| 12-Aug-04 | 5 | $4319(81)$ | Exterior-Section 1 | 28.59 | 19.72 |
| 12-Augg-04 | 6 | $4322(91)$ | Exterior-Section 1 | 31.35 | 21.62 |
| 12-Aug-04 | 7 | $4323(9)$ | Exterior-Section 1 | 28.96 | 19.97 |
| 18-Aug-04 | 8 | $4313(67)$ | Exterior-Section 2 | 28.40 | 19.59 |
| 18-Aug-04 | 9 | $4314(83)$ | Exterior-Section 2 | 30.58 | 21.09 |
| 18-Aug-04 | 10 | $4315(94)$ | Exterior-Section 2 | 30.95 | 21.34 |
| 18-Aug-04 | 11 | $4316(4)$ | Exterior-Section 2 | 30.55 | 21.07 |
| 19-Aug-04 | 12 | $4320(42)$ | Exterior-Section 3 | 34.13 | 23.54 |
| 19-Aug-04 | 13 | $4324(58)$ | Exterior-Section 3 | 32.40 | 22.34 |
| 19-Aug-04 | 14 | $4325(78)$ | Exterior-Section 3 | 32.11 | 22.14 |
| 19-Aug-04 | 15 | $4326(79)$ | Exterior-Section 3 | 27.34 | 18.86 |
| 20-Aug-03 | 16 | $4317(76)$ | Exterior-Section 3 | 27.09 | 18.68 |
| 23-Aug-04 | 17 | 84 | Exterior-Section 2 | 29.98 | 20.68 |
| 24-Aug-04 | 18 | 70 | Ex.-Section 2/3 | 29.99 | 20.68 |
| 24-Aug-04 | 19 | 77 | Ex.-Section 2/3 | 32.59 | 22.48 |
| 25-Aug-04 | 20 | 52 | Ex.-Section 2/3 | 31.33 | 21.61 |
|  |  |  | Totals | 580.24 | 400.16 |

Total Loads

| Load: | $\square$ | Hicket \# | Hauler:\# | Sourcel Matefial | Locatlón | Weight | cubic. Yards |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 20-Jul-04 | 20918727 | 100161 | Quarry Process | CR | 25.90 | 17.27 |
| 2 | 20-Jul-04 | 20918748 | 100161 | Quarry Process | CR | 26.97 | 17.98 |
| 3 | 20-Jul-04 | 20918771 | 100161 | Quarry Process | CR | 27.31 | 18.21 |
| 4 | 20-Jul-04 | 20918787 | 100161 | Quarry Process | CR | 27.60 | 18.40 |
| 5 | 23-Jul-04 | 20919332 | 100161 | Quarry Process | CR | 25.27 | 16.85 |
| 6 | 23-Jul-04 | 20919352 | 100161 | Quarry Process | CR | 25.02 | 16.68 |
| 7 | 27-Jul-04 | 20919938 | 100161 | Quarry Process | CR | 24.84 | 16.56 |
| 8 | 13-Aug-04 | 20923471 | 100161 | Quarry Process | CR | 24.85 | 16.57 |
| 9 | 16-Aug-04 | 20923799 | 100161 | Quarry Process | CR | 26.33 | 17.55 |
| 9 | Total Loads |  |  |  | Totals | 23.4.09 | 156.06 |
| 1 | 16-Aug-04 | 20923844 | 100161 | 3/4" (ASTM\#5) Crusher Fines | CR | 26.61 | 17.74 |

## ERM; Former Banknote Facility; West Backfill Log; Contract \#5139

| Load\# | Date | Ticket \# | Havier \# | Source / Material | Location | Weight | Cuble Yards |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 17-Aug-04 | 20924093 | 100161 | Quarry Process | WEST | 25.69 | 17.13 |
| 2 | 17-Aug-04 | 20924094 | 100161 | Quarry Process | WEST | 25.99 | 17.33 |
| 3 | 18-Aug-04 | 20924410 | 100161 | Quarry Process | WEST | 20.31 | 13.54 |
| 4 | 18-Aug-04 | 20924426 | 100161 | Quarry Process | WEST | 20.46 | 13.64 |
| 5 | 19-Aug-04 | 20924531 | 100161 | Quarry Process | WEST | 26.07 | 17.38 |
| 6 | 20-Aug-04 | 20924968 | 100161 | Quarry Process | WEST | 28.48 | 18.99 |
| 7 | 23-Aug-04 | 20925434 | 100161 | Quarry Process | WEST | 24.75 | 16.50 |
| 8 | 24-Aug-04 | 20925517 | 100161 | Quarry Process | WEST | 26.37 | 17.58 |
| 9 | 24-Aug-04 | 20925529 | 100161 | Quarry Process | WEST | 26.96 | 17.97 |
| 10 | 24-Aug-04 | 20925695 | 100161 | Quarry Process | WEST | 26.08 | 17.39 |
| 11 | 24-Aug-04 | 20925727 | 100161 | Quarry Process | WEST | 25.47 | 16.98 |
| 12 | 25-Aug-04 | 20925834 | 100161 | Quarry Process | WEST | 25.36 | 16.91 |
| 13 | 25-Aug-04 | 20925836 | 100161 | Quarry Process | WEST | 25.31 | 16.87 |
| 14 | 25-Aug-04 | 20925998 | 100161 | Quarry Process | WEST | 23.57 | 15.71 |
| 15 | 25-Aug-04 | 20925999 | 100161 | Quarry Process | WEST | 24.98 | 16.65 |
| 16 | 26-Aug-04 | 20926168 | 100161 | Quarry Process | WEST | 26.47 | 17.65 |
| 17 | 26-Aug-04 | 20926189 | 100161 | Quarry Process | WEST | 25.46 | 16.97 |
| 18 | 26-Aug-04 | 20926233 | 100161 | Quarry Process | WEST | 26.49 | 17.66 |
| 19 | 26-Aug-04 | 20926246 | 100161 | Quarry Process | WEST | 26.39 | 17.59 |
|  |  |  |  |  |  |  |  |
| 19 | Total Loads |  |  |  | Total Tons | 480:66 | 320.44 |








## APPENDIX E

## ANALYTICAL DATA SHEETSCONFIRMATION SAMPLE ANALYTICAL RESULTS



## Laboratory Report

Environmental Resources Management 5788 Widewaters Pkwy Dewitt, NY 13214
Attn: David W. Myers

Project:Former Banknote Facility-Suffern, NY Project \#:0018416

| Laboratory ID |  | Client Sample ID |
| :---: | :--- | :--- |
| SA15308-01 |  | BP-F-1 |
| SA15308-02 |  | BP-SW-1 |
| SA15308-03 |  | BP-EW-2 |
| SA15308-04 |  | BP-F-2 |
| SA15308-05 |  | BP-F-3 |
| SA15308-06 |  | BP-NW-3 |
| SA15308-07 |  | BP-NW-4 |
| SA15308-08 |  | BP-NW-5 |


| Matrix |
| :---: |
| Soil |
| Soil |
| Soil |
| Soil |
| Soil |
| Soil |
| Soil |
| Soil |


| $\underline{\text { Date Sampled }}$ |  |  |
| :--- | :--- | :--- |
| 14-Jul-04 14:00 |  | 16-Jul-04 09:18 Received |
| 14-Jul-04 14:05 |  | 16-Jul-04 09:18 |
| 14-Jul-04 14:10 |  | 16-Jul-04 09:18 |
| 15-Jul-04 12:20 |  | 16-Jul-04 09:18 |
| 15-Jul-04 12:25 |  | 16-Jul-04 09:18 |
| 15-Jul-04 12:35 |  | 16-Jul-04 09:18 |
| 15-Jul-04 12:40 |  | 16-Jul-04 09:18 |
| 15-Jul-04 12:50 |  | 16-Jul-04 09:18 |

1 attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 5 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.
Massachusetts Certification \# M-MA138/MA1110
Connecticut \# PH-0777
Florida \# E87600/E87936
Maine \# MA138
New Hampshire \# 2538
New York \# 11393/11840


Rhode Island \# 98
USDA \# S-51435


Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

| Sample Identification |  | Client Project\# |  | Matrix | Collection | Date/Time |  | Received |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { BP-F-1 } \\ & \text { SA15308-01 } \end{aligned}$ |  | 0018416 |  | Soil | 14-Jul- | 14:00 |  | 16-Jul-04 |  |
| Analyte(s) | Result | *RDL Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals hy EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 36.9 | $1.10 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 86.2 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification BP-SW-1 <br> SA15308-02 |  | $\frac{\text { Client Project \# }}{0018416}$ |  | $\frac{\text { Matrix }}{\text { Soil }}$ | $\frac{\text { Collection }}{14-J u l}$ | Date/Time |  | $\frac{\text { Received }}{16-\text { Jul-04 }}$ |  |
| Analyte(s) | Result | *RDL Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 48.3 | $1.09 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 86.6 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification <br> BP-EW-2 <br> SA15308-03 |  | $\frac{\text { Client Project \# }}{0018416}$ |  | $\frac{\text { Matrix }}{\text { Soil }}$ | $\frac{\text { Collection }}{14-\mathrm{Jul}-1}$ | Date/Time |  | $\frac{\text { Received }}{16-J u l-04}$ |  |
| Analyte(s) | Result | *RDL Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals hy EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 9.64 | $1.11 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 86.8 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification |  | Client Project \# |  | Matrix | Collection | Date/Time |  | Received |  |
| BP-F-2 <br> SA15308-04 |  | 0018416 |  | Soil | 15-Jul- | 12:20 |  | 16-Jul-04 |  |
| Analyte(s) | Result | *RDL Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 31.5 | $1.15 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 85.3 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification |  | Client Project \# |  | Matrix | Collection | Date/Time |  | Received |  |
| SA15308-05 |  | 0018416 |  | Soil | 15-Jul- | 12:25 |  | 16-Jul-04 |  |
| Analyte(s) | Result | *RDL Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 26.2 | $1.09 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 84.1 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |


| Sample Identification |  | Client Project \# |  | Matrix | Collection Date/Time |  | Received |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { BP-NW-3 } \\ & \text { SA15308-06 } \end{aligned}$ |  | 0018416 |  | Soil | 15-Jul- | 12:35 |  | 16-Jul-04 |  |
| Analyte(s) | Result | *RDL Di | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 663 | $1.10 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 87.1 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification <br> BP-NW-4 <br> SA15308-07 |  | $\frac{\text { Client Project \# }}{0018416}$ |  | $\frac{\text { Matrix }}{\text { Soil }}$ | Collection | Date/Time |  | $\frac{\text { Received }}{16-J u l-04}$ |  |
| Analyte(s) | Result | *RDL Di | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 17.1 | $1.16 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 80.0 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |
| Sample Identification BP-NW-5 <br> SA15308-08 |  | $\frac{\text { Client Project \# }}{0018416}$ |  | $\frac{\text { Matrix }}{\text { Soil }}$ | Collection | Date/Time |  | $\frac{\text { Received }}{16-J u l-04}$ |  |
| Analyte(s) | Result | *RDL Di | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst | Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |  |
| Chromium | 17.9 | $1.02 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 16-Jul-04 | 19-Jul-04 | 4070840 | HB |  |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |  |
| \% Solids | 86.4 | \% | 1 | SM2540 G Mod. | 16-Jul-04 | 19-Jul-04 | 4070843 | LN |  |

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

|  |  |  | Spike | Source |  | \%REC |  | RPD |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Analyte(s) | Result | *RDL Units | Level | Result | \%REC | Limits | RPD | Limit | Flag |

Batch 4070840 - SW846 3050B


General Chemistry Parameters - Quality Control


Batch 4070843-General Preparation


## Notes and Definitions

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry Sample results reported on a dry weight basis
NR Not Reported
RPD Relative Percent Difference
A plus sign ( + ) in the Method Reference column indicates the method is not accredited by NELAC.
Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.
Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with $99 \%$ confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown



## Laboratory Report

# Environmental Resources Management 5788 Widewaters Pkwy Dewitt, NY 13214 <br> Attn: David W. Myers 

Project:Former Banknote Facility-Suffern, NY
Project \#:0018416

| Laboratory ID | Client Sample ID | Matrix |  | Date Sampled |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| SA15360-01 | BP-F-4 | Soil |  | 16-Jul-04 10:05 |  |
| SA15360-02 | BP-EW-6 | Soil |  | 16-Jul-04 10:00 |  |
| SA15360-03 | BP-SW-7 | Soil | 19-Jul-04 09:00 | 16-Jul-04 09:50 | 19-Jul-04 09:00 |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 4 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.
Massachusetts Certification \# M-MA138/MA1110
Connecticut \# PH-0777
Florida \# E87600/E87936
Maine \# MA138
New Hampshire \# 2538
New York \# 11393/11840


Rhode Island \# 98
USDA \# S-51435


Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.


Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control


Batch 4070928 - SW846 3050B

| Blank (4070928-BLK1) | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chromium | BRL | $1.00 \mathrm{mg} / \mathrm{kg}$ wet |  |  |  |  |  |  |  |
| LCS (4070928-BS1) | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |  |  |
| Chromium | 1.00 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 1.00 |  |  | 85-115 |  |  |  |
| Duplicate (4070928-DUP1) | Source: SA15350-01 |  | Prepared: 19-Jul-04 Analyzed: 20 -Jul-04 |  |  |  |  |  |  |
| Chromium | 9.21 | $1.08 \mathrm{mg} / \mathrm{kg} \mathrm{dry}$ |  | 9.02 |  |  | 2.08 | 35 |  |
| Matrix Spike (4070928-MS1) | Source: SA15350-02 |  | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |
| Chromium | 119 | $1.15 \mathrm{mg} / \mathrm{kg} \mathrm{dry}$ | 115 | 11.7 | 93.3 | 75-125 |  |  |  |
| Matrix Spike Dup (4070928-MSD1) | Source: SA15350-02 |  | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |
| Chromium | 118 | $1.15 \mathrm{mg} / \mathrm{kg} \mathrm{dry}$ | 115 | 11.7 | 92.4 | 75-125 | 0.844 | 25 |  |
| Reference (4070928-SRM1) | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |  |  |
| Chromium | 0.525 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 0.549 |  | 95.6 | 85-115 |  |  |  |
| Reference (4070928-SRM2) | Prepared: 19-Jul-04 Analyzed: 20-Jul-04 |  |  |  |  |  |  |  |  |
| Chromium | 0.531 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 0.547 |  | 97.1 | 85-115 |  |  |  |
| General Chemistry Parameters - Quality Control |  |  |  |  |  |  |  |  |  |
|  |  |  | Spike <br> Level | Source Result | \%REC | \%REC <br> Limits | RPD | RPD <br> Limit | Flag |
| Analyte(s) | Result | *RDL Units | Level | Result | \%REC | Limits | RPD |  | Fag |

Batch 4070936 - General Preparation
Duplicate (4070936-DUP1)
$\ldots-\quad-\quad$

Source: SA15361-08 Prepared: 19-Jul-04 Analyzed: 20-Jul-04

| $\%$ Solids | 76.7 | $\%$ | 78.1 | 1.81 | 20 |
| :--- | :--- | :--- | :--- | :--- | :--- |

## Notes and Definitions

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry Sample results reported on a dry weight basis
NR Not Reported
RPD Relative Percent Difference
A plus sign ( + ) in the Method Reference column indicates the method is not accredited by NELAC.
Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.
Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with $99 \%$ confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

## Validated by:

Hanibal C. Tayeh, Ph.D.
Nicole Brown

SPECTRUM ANALYTICAL, INC.
Featuring
HANBAL TECHNOLOGY
22-Jul-04 15:53

Laboratory Report

Environmental Resources Management 5788 Widewaters Pkwy Dewitt, NY 13214
Attn: David W. Myers

Project:Former Banknote Facility-Suffern, NY
Project \#:Baker Property 0018416

| Laboratory ID | Client Sample ID | $\frac{\text { Matrix }}{\text { SA 15469-01 }}$ | BP-NW-3A | Date Sampled <br> 20-Jul-04 15:00 | Date Received <br> 21-Jul-04 09:20 |
| :---: | :--- | :--- | :--- | :--- | :--- |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 4 pages of analytical data plus Chain of Custody documents).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.
Massachusetts Certification \# M-MA138/MA1110
Connecticut \# PH-0777
Florida \# E87600/E87936
Maine \# MA 138
New Hampshire \# 2538
New York \# 11393/11840
Rhode Island \# 98


Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

| Sample Identification |  | Client Project\# |  | Matrix | Collection Date/Time |  | Received |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BP-NW-3ASA15469-0I |  | Baker Property 0018416 |  | Soil | 20-Jul-04 15:00 |  | 21-Jul-04 |  |
|  |  |  |  |  |  |  |  |  |
| Analyte(s) | Result | *RDL/Units Dil | ution | Method Ref. | Prepared | Analyzed | Batch | Analyst Flag |
| Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B |  |  |  |  |  |  |  |  |
| Chromium | 75.6 | $1.10 \mathrm{mg} / \mathrm{kg}$ dry | 1 | SW846 6010B | 21-Jul-04 | 22-Jul-04 | 4071086 | RE |
| General Chemistry Parameters |  |  |  |  |  |  |  |  |
| \% Solids | 83.4 | \% | 1 | SM2540 G Mod. | 21-Jul-04 | 22-Jul-04 | 4071125 | LN |

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

|  |  |  | Spike | Source |  | \%REC |  | RPD |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Analyte(s) | Result | *RDL Units | Level | Result | \%REC | Limits | RPD | Limit | Flag |

Batch 4071086 - SW846 3050B

| Blank (4071086-BLK1) | Prepared: 21-Jul-04 Analyzed: 22-Jul-04 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | BRL | $1.00 \mathrm{mg} / \mathrm{kg}$ wet |  |  |  |  |  |  |  |
| LCS (4071086-BS1) | Prepared: 21-Jul-04 Analyzed; 22-Jul-04 |  |  |  |  |  |  |  |  |
| Chromium | 1.02 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 1.00 |  | 102 | 85-115 |  |  |  |
| Duplicate (4071086-DUP1) | Source: SA15473-01 |  | Prepared: 21-Jul-04 Analyzed: 22-Jul-04 |  |  |  |  |  |  |
| Chromium | 12.2 | $1.11 \mathrm{mg} / \mathrm{kg}$ dry |  | 12.6 |  |  | 3.23 | 35 |  |
| Matrix Spike (4071086-MS1) | Source: SA15473-02 |  | Prepared: 21-Jul-04 Analyzed: 22 -Jul-04 |  |  |  |  |  |  |
| Chromium | 143 | $1.24 \mathrm{mg} / \mathrm{kg} \mathrm{dry}$ | 124 | 31.4 | 90.0 | 75-125 |  |  |  |
| Matrix Spike Dup (4071086-MSD1) | Source: SA15473-02 |  | Prepared: 21-Jul-04 Analyzed: 22-Jul-04 |  |  |  |  |  |  |
| Chromium | 132 | $1.18 \mathrm{mg} / \mathrm{kg}$ dry | 118 | 31.4 | 85.3 | 75-125 | 8.00 | 35 |  |
| Reference (4071086-SRM1) | Prepared: 21-Jul-04 Analyzed: 22-Jul-04 |  |  |  |  |  |  |  |  |
| Chromium | 0.533 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 0.522 |  | 102 | 85-115 |  |  |  |
| Reference (4071086-SRM2) |  |  | Prepared: | 1-Jul-04 | Analyze | 22-Jul-0 |  |  |  |
| Chromium | 0.517 | $0.0100 \mathrm{mg} / \mathrm{kg}$ wet | 0.517 |  | 100 | 85-115 |  |  |  |
| General Chemistry Parameters - Quality Control |  |  |  |  |  |  |  |  |  |
|  |  |  | Spike | Source | \%REC | \%REC <br> Limits | RPD | RPD Limit | Flag |
| Analyte(s) | Result | *RDL Units |  |  | \%REC |  |  |  |  |

Batch 4071125-General Preparation

| Duplicate (4071125-DUP1) | Source: SA15502-04 | Prepared: 21-Jul-04 Analyzed: 22-Jul-04 |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| $\%$ Solids | 89.2 | $\%$ | 85.0 | 4.82 | 20 |

## Notes and Definitions

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry Sample results reported on a dry weight basis
NR Not Reported
RPD Relative Percent Difference
A plus sign $(+)$ in the Method Reference column indicates the method is not accredited by NELAC.
Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.
Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit(MDL): The minimum concentration of a substance that can be measured and reported with $99 \%$ confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown
11 Alimgren Drive • Agawam, Massachusetts 01001 • 413-789-9018 • Fax 413-789-4076 • www.spectrum-analytical.com


## Experience is the solution

314 North Pearl Street \& Albany, New York 12207 (800) 848-4983 • (518) 434-4546 * Fax (518) 434-0891

August 04, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543

## RE: Suffern

Order No.: 040803023

Dear David W. Myers:

Adirondack Environmental Services, Inc received 4 samples on $8 / 3 / 2004$ for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,
ELAP\#: 10709
AIHA\#: 100307


Christopher Hess
QA Manager

## FAX:

David W. Myers

| Adirondack Environmental Services, Inc | Date: 04-Aug-04 |  |
| :--- | :--- | :--- |
| CLIENT: | ERM |  |
| Project: | Suffern |  |
| Lab Order: | 040803023 | CASE NARRATIVE |

Analysis on sample BP-F-5A@5.5' was cancelled by the client on $8 / 3 / 04$.

## Adirondack Environmental Services, Inc



| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R - RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |

Adirondack Environmental Services, Inc
Date: 04-Aug-04


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R - RPD outside accepted recovery limits |



| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R-RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |

314 North Pearl Street
CHAIN OF CUSTODY RECORD
Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns

Turnaround Time Request:

August 13, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543
RE: Baker-Suffern
Dear David W. Myers:

Adirondack Environmental Services, Inc received 3 samples on $8 / 12 / 2004$ for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,


Christopher Hess
QA Manager

FAX:
David W. Myers

## Adirondack Environmental Services, Inc

| CLIENT: | ERM |  | Client Sample ID: BP-EX-NWCollection Date: $8 / 12 / 2004$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lab Order: | 040813002 |  |  |  |  |  |  |
| Project: | Baker-Suffern |  | Matrix: SOIL |  |  |  |  |
| Lab ID: | 040813002-001 |  |  |  |  |  |  |
| Analyses |  | Result | PQL Qual | Units |  | DF | Date Analyzed |
| ICP METALS |  |  | SW6010B |  | (SW3050A) |  | Analyst: SM |
| Chromium |  | $<0.25$ | 0.25 | $\mu \mathrm{g} / \mathrm{g}$ |  | 1 | 8/13/2004 12:34:00 PM |


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | $J$ - Analyte detected below quanititation limits | R-RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E - Value above quantitation range |



| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R-RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |

Adirondack Environmental Services, Inc
Date: 13-Aug-04


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
| $J$ J Analyte detected below quanititation limits | R - RPD outside accepted recovery limits |  |
|  | B - Analyte detected in the associated Method Blank | E - Value above quantitation range |

314 North Pearl Street
CHAIN OF CUSTODY RECORD
Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns




Experience is the solution
314 North Pearl Street * Albany, New York 12207 (800) 848-4983 • (518) 434-4546 + Fax (518) 434-0891

August 19, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543

## RE: Baker-Suffern

Order No.: 040818060

Dear David W. Myers:

Adirondack Environmental Services, Inc received 2 samples on $8 / 18 / 2004$ for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,

Christopher Hess
QA Manager

FAX:
David W. Myers


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R - RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |

## Adirondack Environmental Services, Inc

Date: 19-Aug-04

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank

*     - Value exceeds Maximum Contaminant Level

R - RPD outside accepted recovery limits
E - Value above quantitation range

314 North Pearl Street
CHAIN OF CUSTODY RECORD
Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns



WHITE - Lab Copy
PINK - Generator Copy

# August 20, 2004 

David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543
RE: Baker-Suffern
Order No.: 040820001

Dear David W. Myers:

Adirondack Environmental Services, Inc received 3 samples on 8/19/2004 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,
ELAP\#: 10709
AIHA\#: 100307
citactites

Christopher Hess
QA Manager

FAX:
David W. Myers

Adirondack Environmental Services, Inc
Date: 20-Aug-04


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
| J-Analyte detected below quanititation limits | R-RPD outside accepted recovery limits |  |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |

314 North Pearl Street
CHAIN OF CUSTODY RECORD Albany, New York 12207 518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns



## Experience is the solution

314 North Pearl Street \& Albany, New York 12207 (800) 848-4983 + (518) 434-4546 + Fax (518) 434-0891

August 23, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543

## RE: Baker-Suffern

Order No.: 040820038

Dear David W. Myers:

Adirondack Environmental Services, Inc received 2 samples on 8/20/2004 for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,

## Cutalute

## Christopher Hess

QA Manager

FAX:
David W. Myers

## Adirondack Environmental Services, Inc



| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R - RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |
|  | $*-$ Value exceeds Maximum Contaminant Level |  |
| Page 1 of 2 |  |  |

314 North Pearl Street CHAIN OF CUSTODY RECORD Albany, New York 12207 518-434-4546/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

Turnaround Time Request:

August 24, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543
RE: Baker-Suffern
Order No.: 040823016

Dear David W. Myers:

Adirondack Environmental Services, Inc received 1 sample on $8 / 23 / 2004$ for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,
Sing


FAX:
David W. Myers

## Adirondack Environmental Services, Inc

Date: 24-Aug-04


Qualifiers:
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank

*     - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R-RPD outside accepted recovery limits
E - Value above quantitation range

314 North Pearl Street Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns



WHITE - Lab Copy
PINK - Generator Copy

## Experience is the solution

314 North Pearl Street * Albany, New York 12207 (800) 848-4983 • (518) 434-4546 •Fax (518) 434-0891

August 25, 2004
David W. Myers
ERM
5788 Widewaters Parkway
Dewitt, NY 13214
TEL: (315) 445-2554
FAX: (315) 445-2543
RE: Baker-Suffern
Order No.: 040824055
Dear David W. Myers:

Adirondack Environmental Services, Inc received 1 sample on $8 / 24 / 2004$ for the analyses presented in the following report.

There were no problems with the analyses and all associated QC met EPA or laboratory specifications, except if noted.

If you have any questions regarding these tests results, please feel free to call.
Sincerely,


Christopher Hess<br>QA Manager

FAX:
David W. Myers


| Qualifiers: | ND - Not Detected at the Reporting Limit | S - Spike Recovery outside accepted recovery limits |
| :--- | :--- | :--- |
|  | J - Analyte detected below quanititation limits | R-RPD outside accepted recovery limits |
|  | B - Analyte detected in the associated Method Blank | E-Value above quantitation range |
|  | * - Value exceeds Maximum Contaminant Level |  |
|  | Page 1 of 1 |  |

314 North Pearl Street
CHAIN OF CUSTODY RECORD
Albany, New York 12207
518-434-4546/434-0891 FAX
A full service analytical research laboratory offering solutions to environmental concerns



## APPENDIX F

## FILL CERTIFICATION AND SUMMARY OF QP DELIEVERIES

July 23, 2004

EWMI
14 Brick Kiln Court
North Hampton, PA 18067
Attn: Brenda

Dear Madam:
Please be advised that the Tilcon New York Inc., West Nyack quarry is a New York State D.O.T. approved material source. The Source numbers is 8-8R.

The crushed stone product made at the West Nyack plant is produced from $100 \%$ blasted quarried rock. This material is free from environmental contaminants.

If you have any questions, please call me.
Sincerely,


Morsia Thomas
Technical Services Manager

## ERM; Former Banknote Facility; West Backfill Log; Contract \#5139



ERM; Former Banknote Facility; Chrome Room Backfill Log; Contract \#5139

| load\# | Date | Ticket\# | Hauler: | Sourcell Material | Location | Weight | Cubic Yards |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 20-Jul-04 | 20918727 | 100161 | Quarry Process | CR | 25.90 | 17.27 |
| 2 | 20-Jul-04 | 20918748 | 100161 | Quarry Process | CR | 26.97 | 17.98 |
| 3 | 20-Jul-04 | 20918771 | 100161 | Quarry Process | CR | 27.31 | 18.21 |
| 4 | 20-Jul-04 | 20918787 | 100161 | Quarry Process | CR | 27.60 | 18.40 |
| 5 | 23-Jul-04 | 20919332 | 100161 | Quarry Process | CR | 25.27 | 16.85 |
| 6 | 23-Jul-04 | 20919352 | 100161 | Quarry Process | CR | 25.02 | 16.68 |
| 7 | 27-Jul-04 | 20919938 | 100161 | Quarry Process | CR | 24.84 | 16.56 |
| 8 | 13-Aug-04 | 20923471 | 100161 | Quarry Process | CR | 24.85 | 16.57 |
| 9 | 16-Aug-04 | 20923799 | 100161 | Quarry Process | CR | 26.33 | 17.55 |
| 9 | Total Loads |  |  |  | Totals | 234.09 | 156.06 |
| 1 | 16-Aug-04 | 20923844 | 100161 | 3/4" (ASTM\#5) Crusher Fines | CR | 26.61 | 17.74 |

## APPENDIX G

## DRUM DISPOSAL MANIFESTDOCUMENTATION





## APPENDIX H

## SOIL DISPOSAL MANIFEST FORMS/ BILLS OF LADING

## APPENDIX H - TABLE H-1

Summary of Chromium Soil Removed From Former Banknote Facility, Suffern, NY

| Date | Load \# | Log <br> Number | Material | Tons | Cubic Yards |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 19-Jul-04 | 1 | 71 | Chrome Room | 19.71 | 13.59 |
| 19-Jul-04 | 2 | 72 | Chrome Room | 17.46 | 12.04 |
| 12-Aug-04 | 3 | $4311(59)$ | Exterior-Section 1 | 28.10 | 19.38 |
| 12-Aug-04 | 4 | $4318(73)$ | Exterior-Section 1 | 28.63 | 19.74 |
| 12-Aug-04 | 5 | $4319(81)$ | Exterior-Section 1 | 28.59 | 19.72 |
| 12-Augg-04 | 6 | $4322(91)$ | Exterior-Section 1 | 31.35 | 21.62 |
| 12-Augg-04 | 7 | $4323(9)$ | Exterior-Section 1 | 28.96 | 19.97 |
| 18-Augg-04 | 8 | $4313(67)$ | Exterior-Section 2 | 28.40 | 19.59 |
| 18-Augg 04 | 9 | $4314(83)$ | Exterior-Section 2 | 30.58 | 21.09 |
| 18-Augg 04 | 10 | $4315(94)$ | Exterior-Section 2 | 30.95 | 21.34 |
| 18-Aug-04 | 11 | $4316(4)$ | Exterior-Section 2 | 30.55 | 21.07 |
| 19-Aug-04 | 12 | $4320(42)$ | Exterior-Section 3 | 34.13 | 23.54 |
| 19-Aug-04 | 13 | $4324(58)$ | Exterior-Section 3 | 32.40 | 22.34 |
| 19-Aug-04 | 14 | $4325(78)$ | Exterior-Section 3 | 32.11 | 22.14 |
| 19-Aug-04 | 15 | $4326(79)$ | Exterior-Section 3 | 27.34 | 18.86 |
| 20-Aug-03 | 16 | $4317(76)$ | Exterior-Section 3 | 27.09 | 18.68 |
| 23-Aug-04 | 17 | 84 | Exterior-Section 2 | 29.98 | 20.68 |
| 24-Aug-04 | 18 | 70 | Ex.-Section 2/3 | 29.99 | 20.68 |
| 24-Aug-04 | 19 | 77 | Ex.-Section 2/3 | 32.59 | 22.48 |
| 25-Aug-04 | 20 | 52 | Ex.-Section 2/3 | 31.33 | 21.61 |
|  |  |  | Totals | 580.24 | 400.16 |

Total Loads

SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR



I hereby certify that the above named material does not contain free liquid as defined, by 40 CFR Part 260.10 or any applicable state law, la not a hazardous wests as defined by 40 CFR Pert 261 or any applicable state law, has been property described, classified and packaged, and is in proper condition for transportation according to applicable regulations.


Signature
TRANSPORTER


I hereby certify, that the above named material was picked up at the generator site listed above.

## Driver Signature

$\qquad$

Site Name $\qquad$ Soil Safe, Inc: - Bridgeport 378 Route $130^{\circ}$ Logan Township, NJ 08085
Address $\qquad$
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Driver Name (Print)

Truck Number $\qquad$ I hereby certify that the love named material was


Driver Signature
Deflyent Date

DESTINATION

SOM SAFE, INC. $\quad$ SOIL $\quad$| Log Number |
| :--- |

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part $\mathbf{2 6 0 . 1 0}$ or any applicable state law, la not a hazardous waste as defined by 40 CFR Part 261 or any appilcabla atata law, has bean properly described, classified and packaged, and is in proper condition for transportation


## TRANSPORTER

Transporter Name


I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name (Print)
 Vehicle License No. / State / EPA No. Ah 11710 Truck Number $\qquad$
I hereby certify that the above named material was delivered without incident to the destination listed below.


DESTINATION
$\qquad$ Sot Safe, Inc. - Bridgeport Phone. No. $\qquad$ 1-856-467-8030

## Address

$\qquad$ 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmint only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## SITE CONFLICT REPORT

A) Date of Service: ..... 7/29/04
B) Company Name: ..... EWMI
Site Name (City/State): Baker Properties - Suffers, NY
Weather Conditions: ..... N/A
Approval Number: ..... L4-1401
C) Situation:

Deidre cancelled the 3 trucks in the a.m. after the trucks had already arrived, resulting in 3 no loads @ \$350/each.

Transporters): Rainbow

## TOTAL CHARGE: \$1,050.00

D) O utcome:


Transportation Coordinator
8 SSI to bill client

- SSI not to bill client
E) Billing:

Above was billed on $\qquad$ $8-11-04$ Invoice\# $\qquad$



Generator Site/Location $\qquad$ Address $\qquad$ Phone No.
Phone No. $\qquad$


I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state lew, hes been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations.


I hereby certify that the above named material was picked up at the generator ste listed above.

$\frac{\text { picked up at them }}{\text { Driver Signature }}$

Site Name $\qquad$ Soil Safe, Inc. - Bridgeport

DESTINATION Phone No. $\qquad$
Address $\qquad$ 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR



Phone No.

Description of Material

| Approval |
| :--- |
| Number |
| $4 \boldsymbol{T} 40$ |

Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated

| GROSS |
| :---: | :---: |
| TONNAGE |
| TARE |
| NET |

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, Is not a hazardous waste as defined by 40 CFR Part 261 or any appilcabla alate law, has been properly described, classified and packaged, and is in proper condition for transportation


No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmint only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR

Generator Name $\qquad$ Generator Site/Location
suffers Ny

Phone No. $\qquad$ Phone No.


I hereby certify that the above named material does not contain tree liquid as defined by 40 CFR Part 2 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable law; has bean properly described, classified and packaged, and is in proper condition tor transpor according to applicable rogutatlona.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER

Transporter Name

Address $\qquad$


I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name (Print) $\qquad$ Vehicle License No. / State / EPA No. $\qquad$ \& 186 Truck Number $\qquad$
I hereby certify that the above named material delivered without incident to the destination listed be


Delivery
NATION Phone No. $\qquad$ 1-856-467-8030

Site Name $\qquad$ Soil Safe, Inc. - Bridgeport

Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to $10^{\circ} \mathrm{PM}$. By Appointment only. Saturday by appoin mint only.

[^1] re.

## NON-HAZARDOUS MATERIAL MANIFEST

generator
$\qquad$
Address $\qquad$ Address $\qquad$

Phone No. $\qquad$ Phone No.

| Approval <br> Number <br> 24 <br> $14 \% i$ |
| :---: |
| Description of Material <br> Non-Regulated Petroleum <br> Contaminated Soil <br> Non DOT/RCRA Regulated |



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, la not a hazardous waste as defined by 40 CFR Part 261 or any applicable stale law, has been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER



I hereby certify that the above named material was picked up at the generator site listed above.


1 hereby certify that the above named material was delivered without incident to the destination listed below.
$\frac{(8 / a / o l}{\text { Driver Signature }}$

Site Name


DESTINATION

Address 378 Route 130 Logan Township, NJ 08085
No left turn on'Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI) 719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 431

Job/Project \# $\qquad$

THIS SECTION TO BE COMPLETED BY GENERATOR:



## NON-HAZARDOUS MATERIAL MANIFEST

## generator

 Generator Site/Location Address $\qquad$ Address $\qquad$
Phone No. $\qquad$ Phone No. $\qquad$

| Approval <br> Number <br> UU |
| :---: |
| $0 \|$Non-Regulated Petroleum <br> Contaminated Soil |
| Non DOT/RCRA Regulated |



I hereby certify that the above named materlal does not contain frea liquid as deflned by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as deflned by 40 CFR Part 261 or any applicable atate law, has been properly described, classitied and packaged, and is in proper condition for transportation according to applicable regulations.

| Generator Authorized Agent Name | Signature | Shipment Date |
| :--- | :--- | :--- |

## TRANSPORTER

Transporter Name A Fuin bou Trans. Driver Name (Print) $\_N \operatorname{lsom}$ Semonder

Address $\rightarrow$ Hardetstown ATS $-i$
I hereby certify that the above named material was picked up at the generator site listed above.

Vehicle License No. / State / EPA No. $\quad .6632015$ Truck Number $\quad 705$ (111) I hereby certify that the above named material was delivered without incident to the destination listed below.

| a viclsen | Qenmudx | $8 / 12 / 04$ |  | Aelson | Acomuder | $8 / 12 / 04$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Driver Signature |  | Shipment Date |  | Signature |  | Delivery Date |

## DESTINATION

Site Name $\qquad$ Soil Safe, Inc. - Bridgeport
Phone No. 1-856-467-8030
Address
378 Route 130 Logan Township, NJ 08085

No leff turn oht 130 :Noith iñito the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.


## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580


Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:

| COMPANY NAME/ADPRESS |
| :--- |
| QUANTITY |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME | $\text { ADPRESS } A \therefore$ <br>  | PHONENO. |
| :---: | :---: | :---: |
| VEHICLE I.D.NO. STATE  <br> AG $332 \%$ NJ | BOX NUMBER-IN ${ }^{\text {a }}$ [ BOX NUMBER-OUT | COMMENTS |
| 1 Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. | DRIVER'S SIGNATUPE $\qquad$ <br> PRINT DRIVER'S NAME <br> Nelson Brimvidé. | DATE $81 \div 104$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TOEWMI AND GENERATOR)

| FACILITY NAME |  | PHONENO. a |
| :---: | :---: | :---: |
| COMMENTS |  |  |
|  |  |  |
| I Hereby certily that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | $\text { AUTHORIZEO SIGNATURE } f$ | DATE |
|  | $\text { PRINT NAME } \quad \text { D: }$ |  |

# SOIL SAFE, INC. <br> NON-HAZARDOUS MATERIAL MANIFEST <br> GENERATOR 



Address $\qquad$ Address $\qquad$ Generator Site/Location $\qquad$
$\qquad$
Phone No. $\qquad$ Phone No. $\qquad$



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part $\mathbf{2 6 0 . 1 0}$ or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.


Address
$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.

Driver Name (Print) $\qquad$ Vehicle License No. I State / EPARNO. Truck Number

I hereby certify that the above named material was delivered without incident to the destination listed below.


DESTINATION
Site Name $\qquad$ Soil Safe, Inc. - Bridgeport
Phone No. $\qquad$
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.


## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 939

Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:



THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME <br>  | $\begin{aligned} & \text { ADPRESS } \\ & \text { omm the } \end{aligned}$ | PHONENO. $(1,450 \mathrm{a}$ |
| :---: | :---: | :---: |
| VEHICLE ID. NO. STATE <br> AH $128 L$ NJ | BOX NUMBER-IN | COMMENTS |
| 1 Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed heraupon. |  | $\text { 南 } 11104$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME | ADDRESS | PHONENO |
| :---: | :---: | :---: |
| COMMENTS |  |  |
|  |  |  |
| 1 Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes. | AUTHORIZED SIGNATURE A1 位 1 | DATE |
|  | PRINT NAME |  |
|  | Ancil lv. Aviess |  |

SOIL SAFE, INC.

## NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR
Generator Name Pacer Properties Generator Site/Location

## Address

$\qquad$ Address $\qquad$

Phone No. $\qquad$ Phone No. $\qquad$

11228
Gus TH NO GT BLADE


GROSS

Non DOT/RCRA Regulated

I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part $\mathbf{2 6 0 . 1 0}$ or any appilcable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, hasa been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER



Address

$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.


Driver Signature


Shipment Date
DESTINATION
 Vehicle License No. / State / EPA No. $\qquad$ Truck Number 28

I hereby certify that the above named material was delivered without incident to the destination listed below.


Driver Signature
Delivery Date Phone No. 1-856-467-8030
Site Name $\qquad$ Sọil Safe, Inc. - Bridgeport 378 Route 130 Logan Township, NJ 08085
Address $\qquad$
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM . 5 PM to 10 PM By Appointment only. Saturday by appointmont only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.


## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \#
4322

Job/Project \#

Cum?

THIS SECTION TO BE COMPLETED BY GENERATOR:
COMPANY NAMEAADDRESS
On B

IN CASE OF EMERGENCY OR SPILL CONTACT

24 HOUR EMERGENCY PHONE \#
„?


THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:


THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TOEWMI AND GENERATOR) | FACILITY NAME |
| :--- |
| COMMENTS |
| I Hereby certify that the above described wastes were |
| delivered to this Facility, that the Facility is authorized |
| and permitted to receive such wastes. |

ADDRESS
Ht! =
PHONE NO.



## $5: 1204$

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR



Phone No. $8 f \times 2,3 y 26$
Phone No.

Description of Material


Non-Regulated Petroleum
Contaminated Soil
Non DOT/RCRA Regulated


I hereby certify that the above named material does not contaln free liquid as deflned by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable atate law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulationa.


* Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA• 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 复 38
COMTH
Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS
Frambit


(2x

 $984-245-4728$

|  |
| :---: |

24 HOUR EMERGENCY PHONE \#
$277429 \times 10^{2} 3$

| QUANTITY | SIZETYPE |  | DESCRIPTION |  | WEIGHTNOLUME |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | DT | 10, |  | Lutsus | Pstary tond |
|  |  |  |  |  | , |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  | , |
|  |  |  | C |  |  |
| I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |  |  | GENERATOR'S SIGNATURE $\qquad$ <br> PRINT NAME Damid lij. Myyers |  | DATE $6{ }^{\prime} \mid a$ |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME <br>  | ADDRESS <br>  <br> 1040 | PHONE NO. |
| :---: | :---: | :---: |
| VEHICLE I.D.NO. STATE <br> H H H H  | BOX NUMBER-IN $\quad$ BOX•NUMBER-OUT | COMMENTS |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. | DRIVER'S SIGNATURE | DATE $\sin , \ln \mid$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)


## GENERATOR

Generator Site/Location $\qquad$ Address $\qquad$
$\qquad$

Phone No. $\qquad$ Phone No.

## Description of Material

$\qquad$

| Approval <br> Number <br> Lem <br> $140 t$ | Description of MaterialNon-Regulated Petroleum <br> Contaminated Soil <br> Non DOT/RCRA Regulated |
| :--- | :--- |



I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.


Transporter Name Sr
Address $\square$ Netrong NS

I hereby certify that the above named material was picked up at the generator site listed above.


 Truck Number $\qquad$
I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$ Soil Safe, Inc. - Bridgeport Phone No. $\qquad$
Address $\qquad$ 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North. into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
$\qquad$

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4313

Job/Project \#

$\qquad$

THIS SECTION TO BE COMPLETED BY GENERATOR:


IN CASE OF EMERGENCY OR SPILL CONTACT Fen: Rexanise

24 HOUR EMERGENCY PHONE \#
$2 \cdots-9 \cdot 6$

| QUANTITY | SIZETYPE |  | DESCRIPTION | APPROVAL <br> CODE | WEIGHTNOLUME |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | $\therefore$ : | M6: taxa | S.6\%, | 5. $5: \%$ | cist 20 tans |
|  |  |  |  |  |  |
|  |  |  | - |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | $\bigcirc$ |  |  |
| 1 Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |  |  | $\begin{gathered} \text { GENERATQR'S s/gnature } \\ \text { Uand } / \mathrm{s} \text {. Myens } \\ \hline \text { PRINT MAME } \\ \text { David W. Myers } \end{gathered}$ |  | $81181 \mathrm{at}$ |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME <br>  |  | PHONENO. |
| :---: | :---: | :---: |
| VEHICLEI.D.NO. STATE <br> AH.470R NJ | BOX NUMBER-IN ${ }^{\text {S }}$ BOX NUMBER-OUT | COMMENTS |
| I Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. | PRINT DRIVER'S NAME (3rian lotaro | DATE $8118104$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TOEWMI AND GENERATOR)


## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR

Generator Name Mon Mrementer Generator Site/Location $\qquad$ Address $\qquad$ Address $\qquad$
$\qquad$
Phone No. $\qquad$ Phone No. $\qquad$

| Approval |
| :---: |
| Number |
| 4 | | Description of Material |
| :---: |
| Conflated Petroleum |
| Contaminated Soil |
| Non DOT/RCRA Regulated |



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations.


## TRANSPORTER

Transporter Name $\qquad$ Rainbow Trans. _ Driver Name (Print) Ne dom Bermbidet. Address $\qquad$ Hocketsomer met.
$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.
 Truck Number


I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$ Soil Safe, Inc. - Bridgeport Phone No. $\qquad$
Address: $\quad 378$ Route 130: Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
$\qquad$

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

## Document \# <br> 4314

Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:


THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:


## GENERATOR

 Address $\qquad$ Address $\qquad$

Phone No. $\qquad$ Phone No. $\qquad$

| Approval |
| :---: |
| Number |
| Gq |

Description of Material
Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated


I hereby certify that the above named materlat does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, hasa been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

## TRANSPORTER

$\qquad$
Address


I hereby certify that the above named material was picked up at the generator site listed above.


Driver Signature
Shipment Date
 Vehicle License No. / State / EPA No Truck Number $\qquad$
I hereby certify that the above named material was delivered without incident to the destination listed below.

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI) 719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4315

Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:


THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:


## GENERATOR



Phone No. $\qquad$ Phone No. $\qquad$
GROSS
Description of Material

| Approval |
| :--- |
| Number |
| nd er |


| Non-Regulated Petroleum |
| :---: |
| Contaminated Soil |
| Non DOT/RCRA Regulated |

Generator Site/Location $\qquad$ Address $S$

## ,

10 int


I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any appilcable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, hasa been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.


Signature
Shipment Date

## TRANSPORTER



I hereby certify that the above named material was picked up at the generator site listed above.


Truck Number


I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$

## Address

$\qquad$ Logan Township, NJ 08085
No left turn on $\mathrm{Rt}_{\mathrm{w}} 130$ North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmint only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI) 719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \#
4316

Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:
COMPANY NAME/ADDRESS:

IN CASE OF EMERGENCY OR SPILL CONTACT

24 HOUR EMERGENCY PHONE \#

| QUANTITY | SIZETYPE |  | DESCRIPTION | $\begin{gathered} \hline \text { APPROVAL } \\ \text { CODE } \\ \hline \end{gathered}$ | WEIGHTNOLUME |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | \% | "arsan |  | $\therefore$ : $\%$ \% | est 20 tons |
|  |  |  |  |  | . . |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | $\bigcirc$ |  |  |
| I Hereby certify that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |  |  | GENERATCR'S SUGNATURE My. Mand <br> PRINT NAME David W. Myers |  | DATE $8 \mid 18 / 0^{\circ}$ |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:
 THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)


COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE
PRINT NAME

## NON-HAZARDOUS MATERIAL MANIFEST

## GENERATOR



I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, has been property described, classified and packaged, and is in proper condition for transportation according to appilcable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER


Address $\qquad$
$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.

Vehicle License No. / State / EPA No. $\qquad$

Truck Number $\qquad$
I hereby certify that the above nafied material was delivered without incident to the destination listed below.


## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4324 $\because \because+1: \square$

THIS SECTION TO BE COMPLETED BY GENERATOR:


THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME $\therefore \because \because: ~$ |  | PHONENO. (\%) ) |
| :---: | :---: | :---: |
| VEHICLEID.NO. STATE <br> AD. $314 S$ ND |  | COMMENTS |
| 1 Hereby certify that the above described waste(s) were accepted for transportation at the producer' site lor delivery to the waste facility. Both as listed hereupon. |  | $\begin{array}{r\|l\|l\|} \hline \text { DATE } \\ 8 & 8106 \end{array}$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME | ADDRESS | PHONE NO. |
| :---: | :---: | :---: |
| COMMENTS |  |  |
|  |  |  |
| 1 Hereby certity that the above described wastes were |  | DATE |
| delivered to this Facility, that the Facitity is authorized and permitted to receive such wastes. | $\text { PRINT NAME } \quad \perp \text { aisi } 1 \mathrm{~A} \text { fiver }$ |  |

## NONHAZARDOUS MATERIAL MANIFEST



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER

$\square$
Transporter Name Address $\qquad$

I hereby certify that the above named material was picked up at the generator site listed above.

 Truck Number


I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$ Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM .5 PM to 10 PM By Appointment only. Saturday by appointmont only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.


$$
61904
$$

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4325

Job/Project \#
:ur!!: : :

THIS SECTION TO BE COMPLETED BY GENERATOR:

| COMPANY NAMEJADDRESS```-``` |  |  |  | IN CASE OF EMERGENCY OR SPILL CONTACT- |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 24 HOUR EMERGENCY PHONE \# <br>  |
| QUANTITY | SIZETYPE |  |  | DESCRIPTION |  |  | $\begin{aligned} & \text { APPROVAL } \\ & \text { CODE } \end{aligned}$ | WEIGHTNOLUME |
| : | "' |  |  |  | !. $\times^{+}$ | C-stas 2005 |
|  |  |  |  |  |  | - |
|  |  | $\cdots$ |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| 1 Hereby certity that the above named waste(s) are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |  |  |  |  |  | DATE $8118104$ |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME | ADDRESS | PHONE NO. |
| :---: | :---: | :---: |
| VEHICLEI.D.NO. STATE <br> $A(-332$ $N J$ | BOX NUMBER-IN ${ }^{\text {a }}$ ( BOX NUMBER-OUT | COMMENTS |
| 1 Hereby certify that the above described waste(s) were accepted for transportation at the producer's site for delivery to the waste facility. Both as listed hereupon. |  | DATE $5118104$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)


## SOIL SAFE, INC. <br> NONHAZARDOUS MATERIAL MANIFEST <br> GENERATOR

Log Number

Generator Name $\qquad$ Generator Site/Location $\qquad$

Address $\qquad$ Address $\qquad$

Phone No. $\qquad$ Phone No $\qquad$

| Approval |
| :--- |
| Number |
| Non-Regulated Petroleum |
| Contaminated Soil |
| Non DOT/RCRA Regulated |



I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER



Address

$B$
I hereby certify that the above named material was picked up at the generator site listed above.
 Vehicle License No. / State / EPA No. $1 / 1|1|$ Truck Number $\qquad$ I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$ Phone No. $\qquad$
Address $\therefore 378$ Route 130 Logan Township, NJ 08085
No left turn on Rt: 130 North into the facility.
Business hours are: Monday through t Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to:
Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4326

Job/Project \#

THIS SECTION TO BE COMPLETED BY GENERATOR:

COMPANY NAME/ADDRESS

IN CASE OF EMERGENCY OR SPILL CONTACT

24 HOUR EMERGENCY PHONE \#


THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:


THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR) FACILITY NAME ADDRESS

PHONE NO.

## COMMENTS

I Hereby certify that the above described wastes were delivered to this Facility, that the Facility is authorized and permitted to receive such wastes.

## GENERATOR

Generator Name $\qquad$ Generator Site/Location

## Address

$\qquad$ Address $\qquad$

Phone No. $\qquad$ Phone No. $\qquad$

| Approval <br> Number <br> 1401 |
| :--- |
| Non-Regulated Petroleum <br> Contaminated Soil <br> Non DOT/RCRA Regulated |



I hereby certify that the above named material does not contain free liquid as defined by $\mathbf{4 0}$ CFR Part $\mathbf{2 6 0 . 1 0}$ or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, hasa been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER

Transporter Name


Address
$\qquad$

Driver Name (Print)
 Vehicle License No. / State / EPA No $\qquad$ Truck Number $\qquad$

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.


DESTINATION
Site Name $\qquad$ Soil Safe, Inc. - Bridgeport Phone No. 1-856-467-8030

## Address $\because 378$ Route 130 Logan Township, NJ 08085

No left turn on Rt: 130 North into the facility.
Business hours are: Monday throügh Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## Non Hazardous Manifest/Bill Of Lading

All Correspondence and Invoices to: Environmental Waste Minimization, Inc. (EWMI)
719 Roble Road - Suite 103
Allentown, PA 18109
Phone 610-264-8280
Fax 610-264-8580

Document \# 4320

Job/Project \#

IN CASE OF EMERGENCY OR SPILL CONTACT

24 HOUR EMERGENCY PHONE \#

| QUANTITY | SIZEITYPE |  | DESCRIPTION | APPROVAL CODE | WEIGHTNOLUME |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | ? $\%$ | $\therefore \because:$ |  | $\cdots \therefore$ | est 20 tous |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  | $\bigcirc$ |  |  |
| I Hereby certify that the above named waste(s) are properly Classified, described, packagad, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the DOT and the EPA. |  |  | GEN ERATOR'S ght giturg <br> PRINT+NAME: $\qquad$ David W. Myers |  | $\text { SATE } 117.4$ |

THIS SECTION TO BE COMPLETED BY HAULER / TRANSPORTER:

| COMPANY NAME <br>  | $\begin{aligned} & \text { ADPRESS } \\ & \text { UQ: } 1 \text { ?Coe } \end{aligned}$ | PHONENO. |
| :---: | :---: | :---: |
| VEHICLE ID.NO.  <br> STATE  <br> S.i00 PA NY | BOX NUMBER-IN | COMMENTS |
| 1 Hereby certify that the above described waste(s) were accepted for transportation at tha producer's site for delivery to the waste facility. Both as listed hereupon. |  | $\text { DATE } 819 / 04$ |

THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATDA)


## GENERATOR

Generator Name $\qquad$
Address

Address $\qquad$

Phone No. $\qquad$ Phone No.


I hereby certify that the above named material does not contain tree liquid as defined by 40 CFR Part' 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER

Driver Signature
Shipment Date
Driver Name (Print) $\qquad$ Vehicle License No. / State / EPA No. $\rightarrow 1+2$ Truck Number $\qquad$


I hereby certify that the above named material was picked up at the generator site listed above.
$\qquad$
$\qquad$

I hereby certify that the above named material was delivered without incident to the destination listed below.


DESTINATION
Site Name $\qquad$


Driver Signature
Delivery Date

Address $\qquad$
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.


## Non Hazardous Manifest/Bill Of Lading



THIS SECTION TO BE COMPLETED BY HAULER /TRANSPORTER:


THIS SECTION TO BE COMPLETED BY RECEIVER AT DISPOSAL. FACILITY: (ONCE SIGNED, A COPY MUST BE FORWARDED TO EWMI AND GENERATOR)

| FACILITY NAME |
| :--- |
| COMMENTS |

SOIL SAFE, INC. $\quad$ Log Number

## NONHAZARDOUS MATERIAL MANIFEST

gENERATOR

Phone No. $\qquad$ Phone No.

| Approval <br> Number <br> 1401 |
| :--- |
| Description of MaterialNon-Regulated Petroleum <br> Contaminated Soil <br> Non DOT/RCRA Regulated |



I hereby certify that the above named material does not contain free lIquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable stale law, la not a hazardous waste as defined by 40 CFR Part 261 ar any applicable state law, has been properly described, classified and packaged, and la in proper condition for transportation


Antherizerd Agent for AMok Procisizes


I hereby certify that the above named material was picked up at the generator site listed above.


Truck Number


I hereby cenlity that the above named material was delivered without incident to the destination listed below.


DESTINATION
Site Name $\qquad$
Soil Safe, Inc. - Bridgeport
Phone No. $\qquad$ 1-856-467-8030

Address _ 378 Route 130 Logan Township, NJ 08085
No left turn on Ri. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM .5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
d. Comines

$$
52304
$$

## NON-HAZARDOUS MATERIAL MANIFEST



Description of Material
Approval Number 1401

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated Phone No. 914-747-1550 $\times 343$

GROS 5 44.63T
TARE 14.64 I RECALLED TARE NET 29.99

NET

10670
08/24/2004 12:13所NNAGE

I hereby certify that the above named material does not contain free lIquid as defined by $\mathbf{4 0}$ CFR Part 260.10 or any applicable state law, la not a hazardous waste as defined by 40 CFR Part 261 or any applicable state Law, has been properly described, classified and packaged, and is in proper condition for transportation
 Generator Authorized Agon Name

## Authorized Agent for Buber Properties

TRANSPORTER


I hereby certify that the above named material was picked up at the generator site listed above.

 Truck Number _ $274-809$

I hereby certify that the above named material was delivered without incident to the destination listed below.


Site Name $\qquad$ Soil Safe, Inc. - Bridgeport
Phone No. $\qquad$ 1-856-467-8030

## Address

$\qquad$ 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

SOIL SAFE, INC.
NON-HAZARDOUS MATERIAL MANIFEST
GENERATOR
Contract sis


Generator Site/Location $\qquad$
Faucet Barbate Facility
Address $\qquad$
Phone No. $\qquad$ 44-747-1550 ext .343 Phone No.


I hereby certify that the above named material does not contain tres liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, has been properly described, classified and packaged, and ia in proper condition for transportation according to applicable regulations.


Generator Authorized Agent Natron Baker. Baker.
Authorized Agent for
Signature
TRANSPORTER


$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.

$$
\frac{\text { Nelsen Bremuidxr }}{\text { Driver Signature }} \frac{8 / 24 / a w}{\text { Shipment Dare }}
$$ Driver Name (Print) Nelsons Bermúdre"

Vehicle License No. / State / EPA No. $46 \quad 332$ ソ 43


I hereby certify that the above named material was delivered without incident to the destination listed below.
$\qquad$ $\frac{\text { mebsin } \quad \text { Bersmadien } 8 / 24 / 04}{\text { Driver Signature }}$
DESTINATION
Site Name $\qquad$ SoIl Safe, Inc. - Bridgeport Phone No. $\qquad$ 1-856-467-8030
Address _ 378 Route 130 Logan Township, NJ 08095
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

SOIL SAFE, INC.
NONHAZARDOUS MATERIAL MANIFEST
GENERATOR
$\qquad$
$\qquad$ Generator Site/Location $\qquad$ Former Bueluote Site

Contract $533^{9}$ address 10 Punnigan Drive

$\qquad$
Phone No. - $914-225-3726$ ext .343 Phone No. $9141-225-3726$ ext -343


I hereby cenlity that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, la not a hazardous waste as defloed by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and la in proper condition for transportation according to applicable regulations,
$\qquad$


Gennatior Authorized Agent NAme
Authorized Agent for Baker
Properties
TRANSPORTER
Transporter Name Rainbow Trans. Driver Name (Print) Nelson Bersanüdey.

$\qquad$
I hereby certify that the above named material was picked up at the generator site listed above.
 Vehicle License No. / State / EPA No, AG. 332 y NJ Truck Number 705111 1 hereby certify that the above named material was delivered without incident to the destination listed below. $\frac{\text { Nelson }}{\text { Driver Signature }}$ DESTINATION

Site Name $\qquad$ Soil Safe, Inc. - Bridgeport $\qquad$ Phone No. $\qquad$ 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmont only.
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## generator



Generator SIte/Location Address $\qquad$

Phone No, $\qquad$ Phone No. $\qquad$


ID 106
GROSS
GROSS
TARE 14.19 RECALLED TARE
MET 27.09 T NET
LOG 76
08/20/2004 12:53PPNNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable alate law, hasa been properly described, classified and packaged, and ia in proper condition for franspartailon according to applicable regulations.

Generator Authorized Agent Name
Signature
Shipment Date

## TRANSPORTER



Address


I hereby certify that the above named material was picked up at the generator site listed above.
 Vehicle License No. / State / EPA No. $A\left(12^{\circ} 1\right.$ Truck Number


I hereby certify that the above named material was delivered without incident to the destination listed below.


DESTINATION
Site Name $\qquad$ Phone No. $\qquad$
Address 378 Route 130 Logan Township, NJ 08085
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointmet only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

## SOIL SAFE INCORPORATED CERTIFICATE OF RECYCLE

Soil Safe Incorporated has accepted 37.17 tons of non-hazardous, petroleum contaminated soil, transported on 2 truck (s) from:

10 Dunnigan Road<br>Suffern. NY

Under approval number \# L4-1 401, and billed under invoice \#29794

This material was contracted by and between Soil Safe, Inc. andEWMI, Broker, Contractor or Agent, representing Baker Properties, the generator.

This material was analyzed prior to acceptance by a certified soils technician to determine soil components and specific product usage. Soil Safe Incorporated has taken full responsibility for this material; including safe handling, processing, storage and reuse. We hereby certify that all of the above was executed in accordance with all existing laws and regulations.
Soil Safe, Inc. certified on Tuesday, July 27, 2004 that this material has been recycled into an environmentally benign product.

State of Maryland
My Commission expires: December 1, 2006i


CERTIFICATE ISSUED TO:
EWMI
14 Erick Fill Court
Northampton, PA. 18067

## GENERATOR:

Baker Properties

Soil Safe Incorporated is a corporation committed to the safe handing, processing and recycling of non-hazardous petroleum contaminated soil.

## APPENDIX I

## PHOTOGRAPHIC LOG

Photograph \#01 - Liquid refrigerant is removed from the chiller along the west wall of the facility. The chiller and metal sheeting shed were removed from the site on 12 July 2004.


Photograph \#02 - Drums containing drill cuttings, purge water and other project related waste from a previous investigation, were removed from storage in the basement of the facility. The excavator and drum dollies were utilized to load the drums onto an EWMI tractor-trailer, for transport to Michigan Disposal Waste Treatment Plant in Belleville, Michigan.


Photograph \#03- EWMI utilizes a Takeuchi TB-10 Mini Excavator and hand tools to excavate the soil with in the Chromium Room. The EWMI employee on the left side of the photograph uses a vacuum hose to remove the soil to a vacuum truck parked in the staging area.


Photograph \#04- NWMCC Vacuum Truck was used to remove the soil from the Chromium Room. The truck was parked in the staging area on the west side of the facility. The vacuum hose attached to the rear of the truck runs to the Chromium Room and can be scene in use in the photograph 03.


Photograph \#05-At the end of each work day the vacuum truck dumped its load of soil removed from the Chromium Room onto a staging area, set up adjacent to the transformer on the west side of the facility. The staging area had polyethylene sheet beneath the soil and was cover with polyethylene sheet to protect migration of the soil via wind or precipitation.


Photograph \#06 - The staged soil removed from the Chromium Room, was load onto subcontracted waste transportation trucks. The soil was transported to Soil Safe, Inc. waste facility on 19 July 2004.


Photograph \#07- Photograph below shows the final depth on the excavation along the interior western wall of the Chromium Room. In the center of the photograph a wooden bridge can be scene. This bridge was constructed to move equipment and personal in/out of the Chromium Room and over the excavation, which extends the entire length of the western wall. Also scene in the photograph is the hose to the confined space blower, which stream a continuous flow of fresh air into the Chromium Room. In addition the ladder was placed in the excavation for emergence exits, as required OSHA.


Photograph \#08- Dave Myers of ERM utilizes a hand auger to collect soil samples beneath the north wall footer in the Chromium Room. Three samples were collected in this manor on 3 August 2004.


Photograph \#09 - EWMI employees uses hand tools to excavate under the north wall footer in the Chromium Room to prepare for the pour of column 1 of the underpinning procedure.


Photograph \#10 - Spirks Contracting employee use a level while building the wooden cribbing which was used to support the steel pins during the underpinning of the northern wall of the Chromium Room.

-
Photograph \#11 - Spirks Contracting employee wires the steel pins supporting the north wall footer to the wooden cribbing, scene on either side of the worker.


Photograph \#12-2500 psi. Concrete is delivered to column 1 of the underpinning along the north wall of the Chromium Room via a cement shoot, scene running from the right of the photograph towards the center.


Photograph \#13 - Non-shrinking grout was dry packed in the void between column 1 and the footer along the north wall of the Chromium Room. The three steel pins have been wired to the cribbing as shown in photograph \# 11.


Photograph \#14- Column 1 through 3 have been excavated, had concrete poured and provided 24 -hour cure period. In this photograph, the non-shrink grout had recently packed in the voids on column 2 and 3 (left and right in photograph).


Photograph \#15 - EWMI uses hand tools to excavate under the north wall footer in the Chromium Room to prepare for the pour of the $4^{\text {th }}$ column.


Photograph \#16-Backfill was staged along the west side of the facility adjacent to the transformer. The photograph below shows the delivery of 1 of 9 loads of Quarry Process filled required to back filling the Chromium Room.


Photograph \#17- The excavator was used to deliver the certified clean backfill from the staging area to a second staging area just in side the doorway of the Chromium Room. Each bucket must be tracked from the exterior staging area a precisely delivered thought the small entrance to the Chromium Room, as depicted below.


Photograph \#18- The backfill is dumped just inside the doorway of the Chromium Room as scene in Photograph 17 and 18. Inside the Chromium Room EWMI utilizes the mini excavator, hand tools and wheelbarrows to place the fill in 6 -inch loose lifts.


Photograph \#19 - After each loose lift is in place, a vibratory plate compactor is run over the fill 4 to 5 times. The room is vented after each compaction, to allow elevated Carbon Monoxide level in the Chromium Room to drop below EWMI's action level.


Photograph \#20 - The Chromium Room was back filled to 12 inches below the surface of the concrete slab, which was to be poured in the room. A 6 -inch lift of $3 / 4$ inch crushed stone limestone was placed onto of the Quarry Process Fill as a subslab preparation. EWMl measures checks the lift to ensure a level surface.


Photograph \#21- The exterior wall had a green substance bleeding through the textured paint on the exterior west wall of the facility, below the former vent to the Chromium Room. The green is visible to the right of the photograph below.


Photograph \#22 - The area mentioned above was sand blasted of the building by EWMI. EWMI employees wear Level B and C personal protective equipment.


Photograph \#23 - The northern quadrant of the exterior remedial action started on 12 August 2004. The soil was loaded over the fence along the property line. Polyethylene sheeting covered the ground as part of the clean loading procedure, preventing the spread of chromium affected soil.


Photograph \#24- ERM collects the first confirmation sample of the west wall of the northern quadrant of the exterior excavation.


Photograph \#25 - The excavations were covered with polyethylene sheeting at the end of the workdays to prevent erosion from predicted storms.


Photograph \#26 - Excavation of the central quadrant began on 18 August 2004. Polyethylene sheet was used to cover the backfill in the northern quadrant during the excavation of the central quadrant and can be scene the background of the photograph.


Photograph \#27 - A section of the fence along the western property line was removed to allow waste hauling trucks to back down temporary access road along the fence. The excavator did not have to track each bucket to the truck, increase the load efficiency. Truck where live loaded in this manor for the central and southern quadrants.


Photograph \#28-Electrical conduit exposed in the central and southern quadrants, was tested by an electrician and removed from the western wall at Baker Properties request.


Photograph \#29 - Analytical results from the northern quadrant met the RAO set for the site. The northern quadrant was back filled and compacted with a remote vibratory trench roller, scene below.


Photograph \#30 - Excavation of the southern quadrant started 19 August 2004. The photograph shows soil from the southern quadrant being "live" loaded on to subcontracted waste vehicles.


Photograph \#31 - Analytical results indicated the floor and wall samples collected from within the central quadrant did not met the RAO for the site. Additional soil was removed from the floor and west wall of the central quadrant and staged on polyethylene sheeting in the southern quadrant. The second confirmation samples collected from the clean up standard for the site.


Photograph \#32 - The northern and central quadrant were backfilled after samples confirmed the RAO were met for the site. Additional soil was removed from the southern wall of the excavation in this photograph. A second wall sample confirmed the RAO were met for the exterior excavation.


Photograph \#33 - EWMI wash the sand blasted surface on the western wall of the facility with muratic acid on 31 August 2004. The wash is collected in the bucket at the base of the wall.


Photograph \#34 - On the 1-2 September 2004, EWMI applied two coats of epoxy on the surface on the west wall of the facility, which had been sand blasted and washed with muratic acid on previous dates.


Photograph \#35 - A vapor barrier has been placed over the $3 / 4$ inch stone and rebar reinforcement lied onto of the vapor barrier. The photograph shows the start of the pour of the concrete slab in the Chromium Room on 31 August 2004.


Photograph \#36-
The photograph shows the newly poured concrete slab within the Chromium Room.


The restoration of the site has been completed and a site walk was in progress with ERM and Baker Property representatives in the photograph below.


Photograph \#38-
View of the restored area from the southeast



Photograph \#40 -
Photograph of the restored area on 21 September 2004.



[^0]:    
    $00 \tau:(\%)$ xOZDen voțfexqtite
    00:9乙:90 : əurt pasdet'ru
    
    SI : xəqumn $6 e \mathrm{w}$

[^1]:    horebv certify that the above named material has been accepted and to the best of my knowledge the foregoing is tr

