METROPOLITAN TRANSPORTATION AUTHORITY

LONG ISLAND RAIL ROAD

YAPHANK LANDFILL

INTERIM REMEDIAL MEASURES OVERSIGHT REPORT

Prepared for:

METROPOLITAN TRANSPORTATION AUTHORITY

LONG ISLAND RAIL ROAD

Prepared by:

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS

WOODBURY, NEW YORK

JUNE 2009

LONG ISLAND RAIL ROAD
YAPHANK LANDFILL
INTERIM REMEDIAL MEASURES OVERSIGHT REPORT

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1.0   INTRODUCTION

The following is the Interim Remedial Measures (IRM) Oversight Report for the Long Island Rail Road (LIRR) Yaphank Landfill. This report provides background information and details the activities undertaken in order to complete the IRM activities conducted at the Yaphank Landfill. The IRM activities were conducted in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved IRM Work Plan dated September 2005. Any deviations to the Work Plan are discussed in Section 2.0 – Completed Interim Remedial Measure Activities.

1.1   Background

The LIRR has entered into a Voluntary Cleanup Agreement (VCA) with the New York State Department of Environmental Conservation (NYSDEC) in order to investigate and remediate potential organics and metals contamination associated with landfill activities conducted at the Yaphank Landfill.

Based on the findings of the Site Investigation completed in October 2003 and the Pre-IRM Investigation completed in March 2005, the LIRR recommended a number of IRMs to be completed on-site, as well as at several adjacent off-site locations. The recommended IRMs were developed and outlined in the NYSDEC-approved IRM Work Plan dated September 2005. The IRMs were recommended to be completed prior to the implementation of a site-wide remedy given that they could be completed without extensive data collection or evaluation of remedial technologies and would reduce the potential exposure of human and wildlife receptors to site-related chemical constituents.

Soil exhibiting elevated metals concentrations was identified at the Yaphank Landfill during the 2003 Site Investigation and 2005 Pre-IRM Investigation. Please note that soil samples collected during the above referenced investigations were compared to the TAGM 4046 Recommended Soil Cleanup Objectives (RSCOs); however, as of December 2006, the NYSDEC has mandated new cleanup objectives and, as such, all soil samples collected during the IRM

phase described in this report have been compared to the 6 NYCRR Subpart 375 Soil Cleanup Objectives (SCOs) for residential sites.
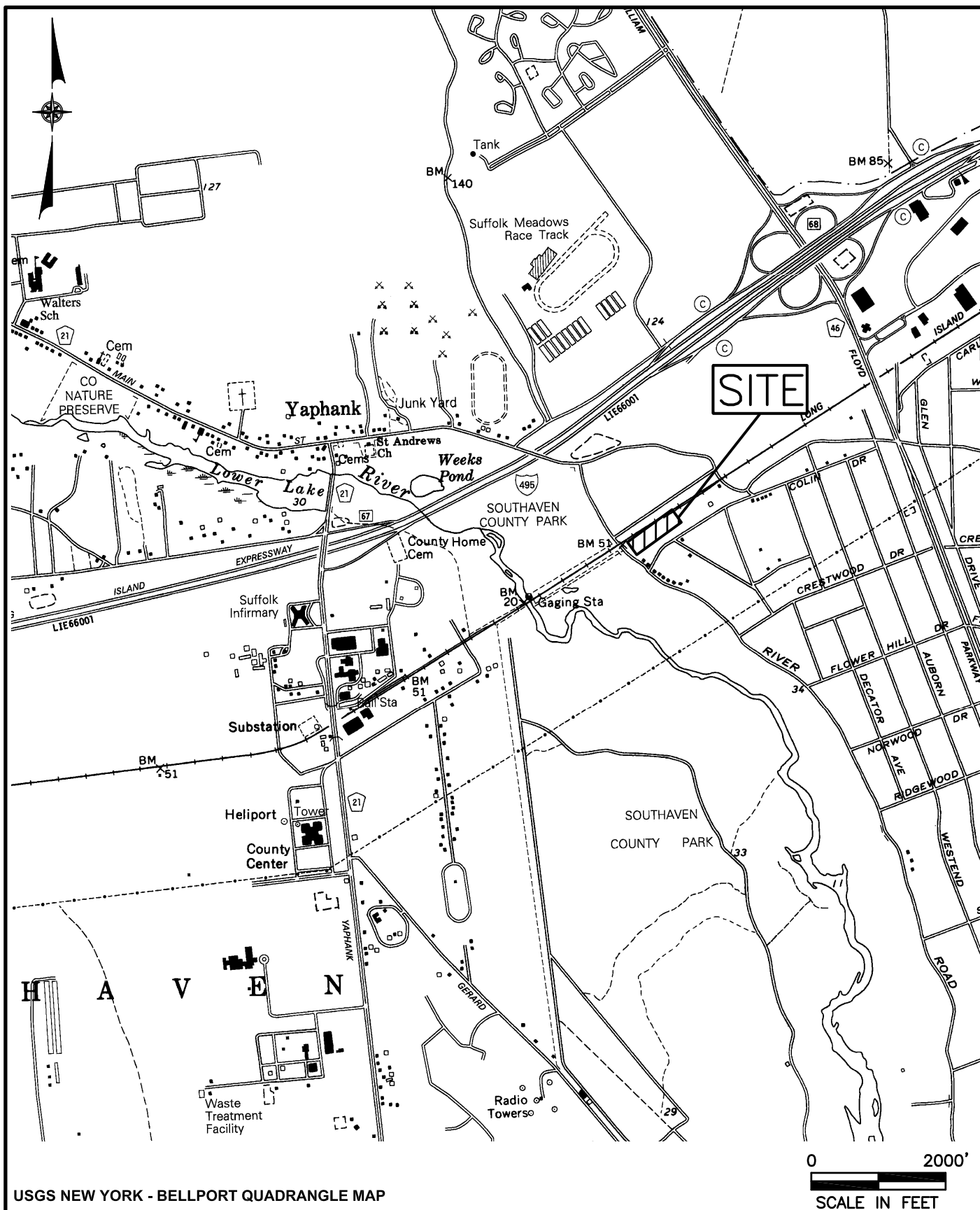
1.2   Site Description

The Yaphank Landfill site is located in Yaphank, Town of Brookhaven, Suffolk County, New York (see Figure 1-1). The Yaphank Landfill property is approximately 4 acres in size and is located immediately east of River Road and south of the LIRR Main Line track. The majority of the site is fenced and the primary access route is via River Road (see Figure 1-2). The site may also be accessed from Colin Drive via the entrance to the adjacent concrete plant (Nicolia Ready-Mix, Inc.).

The site is bounded to the north by the LIRR Main Line track. An 8-foot high chain link fence is located along the southern, eastern and western boundaries. The site was used by the LIRR for fill operations and contains fill material up to 20 feet in thickness. The site is currently undeveloped and is primarily open space with sparse vegetation. A small segment of the site is utilized by Nicolia to receive loads of stone via train along a rail siding, which runs along the northern boundary of the Yaphank site.

There is little topographic relief across the site, with the exception of a steep embankment on the southwestern portion of the property, and a sloped area adjacent to an unloading platform along the rail siding.

To the north of the site, north of the Main Line track, exists undeveloped woodland, which is also owned by the LIRR. Residential properties are located immediately south of the site. A drainage swale runs along the east side of River Road on a residential property located immediately southwest of the site. The property is currently undeveloped; however, a large concrete foundation remains on the property.

USGS NEW YORK - BELLPORT QUADRANGLE MAP

0   2000'

SCALE IN FEET

LONG ISLAND RAIL ROAD - YAPHANK SITE
INTERIM REMEDIAL MEASURE

**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

SITE LOCATION MAP

FIGURE 1-1

ONE LANE TRAIN TRESSELL

SITE BOUNDARY

OLD DIRT ROAD

LONG ISLAND RAIL ROAD MAIN LINE TRACK

BRIDGE ABUTMENT

ELEVATED TOPOGRAPHY

TEST PIT

TEST PIT 2

TEST PIT 3

CONCRETE SLABS

ASPHALT PAVEMENT

DRYWELL

CONCRETE SLAB

*POLE

POLE

POLE

8" CHAIN LINK FENCE

*POLE

POLE

CONCRETE BLOCKS

*POLE

TAX PARCEL—SITE BOUNDARY

RESIDENTIAL PROPERTY

FOUNDATION OF FORMER STRUCTURE

DRAINAGE SWALE

RIVER ROAD

TAX PARCEL—SITE BOUNDARY

NICOLIA READY—MIX INC. PROPERTY

NOTES:

1. DATUMS:
VERTICAL — 1988 NAVD
HORIZONTAL — 1983 NAD

2. PROPERTY LINES SHOWN ARE TAKEN FROM A PLAN PROVIDED BY THE LONG ISLAND RAILROAD, DATED JUNE 30, 1916, LAST REVISED DECEMBER 31, 1958, TITLED RIGHT OF WAY AND TRACK MAP, STATION 3121+00 TO 3175+00.

3. BASE MAP PREPARED BY COTILLA ASSOCIATES, NORTHPORT, NEW YORK SURVEY DATA OBTAINED IN THE FIELD NOVEMBER 1997.

4. THE BASE MAP WAS UPDATED IN AUGUST 1999 BY YEC, INC. BASED ON 1999 SURVEYED LOCATIONS OF MW—9 AND MW—10. THE BASE MAP WAS REDUCED BY A FACTOR 0.7467 FROM THE BASE MAP 0,0 LOCATION.

LEGEND

——— —— ——— SITE BOUNDARY

—X— X —X— FENCE

ELEVATED TOPOGRAPHY

0   100'
SCALE IN FEET

SOURCE: 1997 SURVEY, COTILLA ASSOCIATES; 1999 SURVEY, YEC INC.; 2004 SURVEY, NELSON AND POPE; TAX MAPS; 1969 AERIAL PHOTOGRAPH, LKB

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

LONG ISLAND RAIL ROAD-YAPHANK SITE
INTERIM REMEDIAL MEASURE OVERSIGHT REPORT

SITE PLAN

FIGURE 1-2

An asbestos transfer facility (occupied by Asbestos Transfer Company, Inc. [ATC]) occupies the property immediately to the east of the site. Brookhaven National Laboratory, a National Priority List (NPL) site, is located approximately one mile to the north of the Yaphank site.

There are no known records regarding the prior disposal operations conducted at the Yaphank site, but anecdotal information indicates that this site was used as a general disposal area for railroad-related waste from the 1950's to the early 1970's. It is believed that the site was used as a disposal area for waste generated from railroad track maintenance activities, as well as possibly from electric and diesel train repair shops. However, records of the actual waste type and/or quantities that were landfilled at the site do not exist. Based on anecdotal information, disposed materials could have included spent drums, scrap metal, railroad ties, coal clinkers and miscellaneous construction debris.

2.0 COMPLETED INTERIM REMEDIAL MEASURE ACTIVITIES

IRM activities were conducted at the Yaphank Landfill site between July and November 2007 in accordance with the NYSDEC-approved IRM Work Plan dated September 2005. Any deviations to the Work Plan are discussed below.

The LIRR retained Envirotrac Environmental Services (ET) to perform the IRM activities at the Yaphank Landfill. ET was responsible for conducting all excavation activities, collecting waste characterization and endpoint samples, loading and transporting excavated material for off-site disposal and backfilling the excavated areas. In addition to excavation activities, ET was responsible for the installation of erosion control and windscreen materials, the installation of crushed stone in targeted areas of the LIRR property where site-fill was observed at ground level and the upgrading of site fencing in targeted areas of the site. The LIRR retained Dvirka and Bartilucci Consulting Engineers (D&B) to provide oversight during all excavation field activities and selected portions of the remaining IRM implementation.

Excavations were accomplished with the use of track excavators and backhoes. All remedial excavation activities were completed in accordance with the Construction Health and Safety Plan (CHASP), developed by ET and approved by the LIRR. Full-time air monitoring during all intrusive activity consisting of upwind and downwind aerosol meters and photoionization detectors (PIDs) was performed in accordance with the Community Air Monitoring Plan (CAMP) included in the CHASP during all intrusive activities. ET provided and maintained suitable safeguards (i.e., chain link fence and snow fencing) surrounding the excavations until these areas were safely restored. Photographs of the interim remedial activities are provided in Appendix A.

The following is a summary of the IRMs completed at the Yaphank Landfill site.
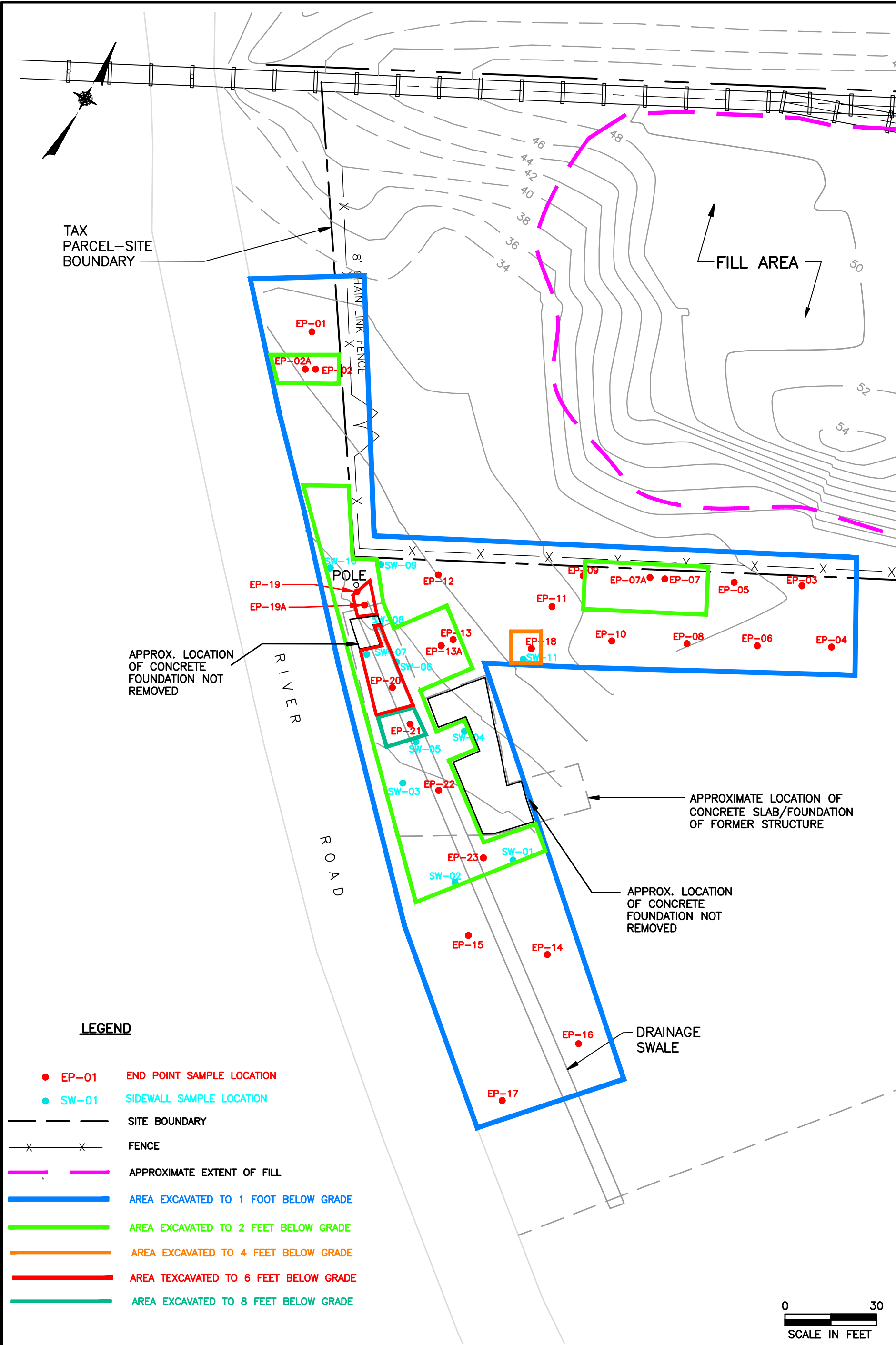
2.1   Remediation of Soil

2.1.1   Soil Excavation

Excavation activities in the drainage swale area to the southwest of the site were conducted in accordance with the NYSDEC-approved IRM Work Plan. However, as discussed below, several excavation areas and depths were expanded based on site conditions and endpoint sample results exhibiting exceedances of the residential SCOs. Figure 2-1 depicts the final excavation limits and depths, and endpoint and sidewall sample locations. Final excavation depths ranged from 1 foot to 8 feet below ground surface. The total excavated area is estimated to be approximately 17,000 square feet and required the removal of approximately 873 cubic yards of soil.

Note that, as depicted on Figure 2-1, a fragmented concrete slab of varying thickness is located overlying a portion of the drainage swale and extending approximately 40 feet to the east of the drainage swale. Portions of the northern part of the slab were removed and soil was excavated to the proposed depths. However, as per the NYSDEC-approved IRM Work Plan, and due to the thickness and integrity of the concrete slab of the southern and eastern portions of the slab, soil was removed to the top of this structure, leaving the slab in place. In addition, due to the thickness and integrity of the concrete slab in a small portion of the area proposed to be excavated to a depth of 6 feet below grade in the drainage swale, soil was removed to the top of this structure, leaving the slab in place.

All endpoint and side wall samples were analyzed for Total Analyte List (TAL) metals. Sample results are provided in Appendix B.

The following is a summary of the excavation activities conducted in the drainage swale area, organized by excavation depth, including activities which were modified from the original scope of work presented in the IRM Work Plan.

LEGEND

●	EP-01	END POINT SAMPLE LOCATION
●	SW-01	SIDEWALL SAMPLE LOCATION
– – –		SITE BOUNDARY
✕——✕		FENCE
– – –		APPROXIMATE EXTENT OF FILL
▬▬▬		AREA EXCAVATED TO 1 FOOT BELOW GRADE
▬▬▬		AREA EXCAVATED TO 2 FEET BELOW GRADE
▬▬▬		AREA EXCAVATED TO 4 FEET BELOW GRADE
▬▬▬		AREA TEXCAVATED TO 6 FEET BELOW GRADE
▬▬▬		AREA EXCAVATED TO 8 FEET BELOW GRADE

TAX PARCEL–SITE BOUNDARY

8' CHAIN LINK FENCE

FILL AREA

POLE

EP-19
EP-19A

APPROX. LOCATION OF CONCRETE FOUNDATION NOT REMOVED

R I V E R

R O A D

APPROXIMATE LOCATION OF CONCRETE SLAB/FOUNDATION OF FORMER STRUCTURE

APPROX. LOCATION OF CONCRETE FOUNDATION NOT REMOVED

DRAINAGE SWALE

0   30
SCALE IN FEET

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

LONG ISLAND RAIL ROAD
YAPHANK SITE
COMPLETED EXCAVATION LIMITS & ENDPOINT / SIDEWALL SAMPLE LOCATIONS

FIGURE 2-1

<u>1-Foot Excavation Area</u>

In accordance with the NYSDEC-approved IRM Work Plan, an excavation extending approximately 17,000 square feet and to a depth of 1 foot below grade was completed to the southwest of the fill area, in association with the drainage swale. This excavation required the removal of approximately 634 cubic yards of soil. Upon completion of the excavation, 17 endpoint samples were collected for TAL metals analysis in order to document post-excavation metals concentrations in this area. Note that endpoint samples EP-02 and EP-13 exhibited concentrations of lead (436 mg/kg and 482 mg/kg, respectively) in exceedance of its SCO of 400 mg/kg. In addition, endpoint sample EP-07 exhibited a concentration of chromium (23.5 mg/kg) in exceedance of its SCO of 22.0 mg/kg. Therefore, additional soil was removed in the vicinity of these areas, as detailed below. Note that final endpoint and sidewall samples collected in these areas exhibited metals concentrations below their respective SCOs. Subsequent to documentation of metals concentrations below their respective SCOs, the excavation area was backfilled with clean fill.

<u>2-Foot Excavation Area</u>

In accordance with the NYSDEC-approved IRM Work Plan, an excavation extending approximately 4,100 square feet and to a depth of 2 feet below grade was completed to the southwest of the fill area, in association with the drainage swale. This excavation required the removal of approximately 152 cubic yards of soil beyond the limits of the 1-foot excavation area completed in this area. In order to ensure the removal of all potentially contaminated soil associated with the drainage swale in this area, the 2-foot excavation area was shifted approximately 5 feet to the west, compared to the extent outlined in the IRM Work Plan. In addition, due to exceedances of metals concentrations detected in endpoint samples in the 1-foot excavation area, as described above, additional 2-foot excavation areas were completed to the north and east of the originally proposed 2-foot excavation area.

Upon completion of the excavation, six endpoint and six sidewall samples were collected for TAL metals analysis in order to document post-excavation metals concentrations in this area.

Endpoint sample EP-19, collected in the northern portion of the 2-foot excavation area, exhibited concentrations of arsenic and lead (28.8 mg/kg and 1,030 mg/kg, respectively) in exceedance of their respective SCOs of 16.0 mg/kg and 400 mg/kg. Therefore, additional soil was removed in this area, as detailed below. All final endpoint and sidewall samples collected in the 2-foot excavation area exhibited contaminant concentrations below their respective SCOs. Subsequent to documentation of metals concentrations below their respective SCOs, the excavation area was backfilled with clean fill.

4-Foot Excavation Area

In accordance with the NYSDEC-approved IRM Work Plan, an excavation extending approximately 100 square feet and to a depth of 4 feet below grade was completed to the southwest of the fill area, approximately 40 feet east of the drainage swale. This excavation required the removal of approximately 12 cubic yards of soil beyond the limits of the 1-foot excavation completed in this area. Upon completion of the excavation, one endpoint and one sidewall sample were collected for TAL metals analysis in order to document post-excavation metals concentrations in this area. All endpoint and sidewall samples collected in the 4-foot excavation area exhibited contaminant concentrations below their respective SCOs. Subsequent to documentation of metals concentrations below their respective SCOs, the excavation area was backfilled with clean fill.

6-Foot Excavation Area

In accordance with the NYSDEC-approved IRM Work Plan, an excavation extending approximately 310 square feet and to a depth of 6 feet below grade was completed to the southwest of the fill area, in association with the drainage swale. This excavation required the removal of approximately 46 cubic yards of soil beyond the limits of the 2-foot excavation completed in this area. In order to ensure the removal of all potentially contaminated soil associated with the drainage swale in this area, the 6-foot excavation was shifted approximately 5 feet to the west compared to the extent outlined in the IRM Work Plan. In addition, due to endpoint sample EP-19 exhibiting elevated arsenic and lead concentrations in the 2-foot

excavation area, as detailed above, the 6-foot excavation was extended approximately 8 feet to the north, compared to the extent outlined in the IRM Work Plan. As depicted on Figure 2-1, a thick concrete foundation was uncovered in the northern portion of the 6-foot excavation. Due to the large mass and weight of this foundation, this structure was left in place.

Upon completion of the excavation, two endpoint and three sidewall samples were collected for TAL metals analysis in order to document post-excavation metals concentrations in this area. All endpoint and sidewall samples collected in the 6-foot excavation area exhibited contaminant concentrations below their respective SCOs. Subsequent to documentation of metals concentrations below their respective SCOs, the excavation area was backfilled with clean fill.

8-Foot Excavation Area

In accordance with the NYSDEC-approved IRM Work Plan, an excavation extending approximately 130 square feet and to a depth of 8 feet below grade was completed to the southwest of the fill area, in association with the drainage swale. This excavation required the removal of approximately 29 cubic yards of soil beyond the limits of the 2-foot excavation completed in this area. In order to ensure the removal of all potentially contaminated soil associated with the drainage swale, the 8-foot excavation was shifted approximately 5 feet to the west, compared to the extent outlined in the IRM Work Plan. Upon completion of the excavation, one endpoint and one sidewall sample were collected for TAL metals analysis in order to document post-excavation metals concentrations in this area. All endpoint and sidewall samples collected in the 8-foot excavation area exhibited contaminant concentrations below their respective SCOs. Subsequent to documentation of metals concentrations below their respective SCOs, the excavation area was backfilled with clean fill.

2.1.2   Data Usability Summary Report (DUSR)

Several endpoint and sidewall soil samples were collected as part of the IRM activities conducted at the LIRR Yapank Landfill, completed in November 2007. The samples were

collected by Envirotrac Environmental Services (ET). The soil samples were analyzed for Total Analyte (TAL) metals.

Chemtech, a subcontractor to Envirotrac Environmental Services, analyzed all samples in accordance with the USEPA SW-846 methods. The data packages submitted by Chemtech have been reviewed by Ms. Robbin Petrella, D&B's Quality Assurance/Quality Control Officer. Ms. Petrella meets the NYSDEC requirements of a data validator as listed in the Draft DER-10 Technical Guidance for Site Investigation and Remediation, and her resume is included in Appendix C.

The data packages have been reviewed for completeness and compliance with NYSDEC QA/QC requirements, as well as the requirements for development of Data Usability Summary Reports as listed in Appendix 2B of the Draft DER-10 Technical Guidance for Site Investigations and Remediation dated December 2002. Each data package was reviewed for the following:

- Was a NYSDEC Category B deliverable data package submitted?

- Have all holding times been met?

- Does all QA/QC data fall within QA/QC limits and specifications?

- Were appropriate methods followed?

- Does the raw data conform to that reported on the data summary sheets?

- Have the correct data qualifiers been utilized?

NYSDEC ASP Category B deliverable data packages have been submitted for all sample delivery groups (SDG). The findings of the data review process are summarized below.

All samples were analyzed within the method-specified holding times. Initial and continuing calibrations were analyzed at the method specified frequency.

No problems were found with the sample results. All results have been deemed valid and usable, as qualified above, for environmental assessment purposes.

2.1.3   Backfilling and Site Restoration

Subsequent to the collection and analysis of all endpoint and sidewall samples, backfilling was completed to 6 inches below original grade with a certified clean, coarse sandy fill material. The remaining area was completed to original grade with 6 inches of certified clean topsoil. All backfill was installed and compacted in maximum 1-foot loose layers to a relative compaction of 90 percent.

All backfill utilized at the Yaphank site originated from East Coast Mines & Materials Corporation located in East Quogue, New York. Clean fill documentation and physical analysis results are included in Appendix D of this document.

Subsequent to the installation of backfill material, several trees were planted in order to replace trees removed during the excavation activities.

2.1.4   Community Air Monitoring

As described in Section 2.0, a Community Air Monitoring Plan (CAMP), consisting of full-time air monitoring conducted during all intrusive activity was performed by ET. The CAMP consisted of upwind and downwind aerosol meters for particulate detection and photoionization detectors (PIDs) for volatile organic compound (VOC) detection. Note that upwind and downwind PID concentrations were monitored during all intrusive activity; however, this data was not recorded electronically given that VOCs were not considered contaminants of concern within the IRM area. The particulate air monitoring data logs are provided in Appendix E of this document.

The particulate concentration air monitoring data was compared to the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (as provided in Appendix 1A of the Draft DER-10) action level criterion of a downwind particulate time weighted average (TMW) concentration at or above 150 ug/m3 over the corresponding upwind particulate concentration. Note that upwind particulate concentrations were not logged on July 17, August 3 and August 9 2007, due to a malfunctioning upwind aerosol meter. However, particulate TWA concentrations on each of these days did not exceed 150 ug/m3 at any time.

No exceedances of the particulate action level were noted at any time during the course of the intrusive activity conducted throughout the project with the exception of two brief events, as detailed below:

- At 11:22 a.m. on July 26, 2007, a particulate TWA concentration of 925 ug/m3 was detected at the downwind air monitoring station, 907 ug/m3 above the upwind particulate TWA concentration.

- At 12:50 p.m. on August 6, 2007, a particulate TWA concentration of 312 ug/m3 was detected at the downwind air monitoring station, 232 ug/m3 above the upwind particulate TWA concentration.

The particulate concentrations detected by the downwind particulate meters immediately following both exceedances detailed above decreased below the action level of 150 ug/m3 over their corresponding upwind particulate concentrations. As these two exceedances were not prolonged events, no corrective actions were taken, and the downwind particulate concentrations remained below the action level for the remainder of each day.

2.1.5   Waste Characterization Sampling

One in-situ waste characterization soil sample was collected by ET from the areas to be excavated prior to excavation activities being implemented. Waste characterization parameters included Toxicity Characteristic Leaching Procedure (TCLP) analysis for RCRA metals, total analysis for metals, PCBs, PAHs, VOCs, TPH and paint filter analysis. In addition, in accordance with the NYSDEC-approved Work Plan, one waste characterization soil sample was collected from

a small pile of soil located on the LIRR property. Waste characterization parameters for this sample included TCLP analysis for RCRA metals. Waste characterization analytical results are provided in Appendix F.

Based on review of the waste characterization data, it was determined that soil to be excavated in association with the drainage swale area was to be disposed of as non-hazardous waste and two separate piles of soil located on the LIRR property were to be disposed of as hazardous waste.

2.1.6 Soil Disposal

Approximately 873 cubic yards of non-hazardous soil was removed from the Yaphank Landfill site for proper off-site disposal by ET. All non-hazardous soil was properly transported by Freehold Cartage, Inc. and Soil Safe, Inc. to Clean Earth in South Kearny, New Jersey and Soil Safe, Inc. in Logan Township, New Jersey. In addition, approximately 140 cubic yards of hazardous soil were removed from the Yaphank Landfill site for proper site disposal by ET. All hazardous soil was transported by Freehold Cartage, Inc. to Clean Earth in South Kearny, New Jersey.   Waste manifests and waste disposal documentation are provided in Appendix G.

2.2 Erosion Controls

In accordance with the NYSDEC-approved IRM Work Plan, and in order to prevent the sediment in runoff water from being transported from the fill area to the western lowland area, a temporary silt fence was installed along the southwest fence line of the LIRR property. The location of the silt fence is depicted on Drawing 1, provided in a map pocket at the end of this section of the report. As per the approved IRM Work Plan, the silt fence was constructed of livestock wire fence fastened onto wooden fence posts, with a filter fabric fastened to the wire fence. The lower portion of the silt fence was installed in a 6-inch deep trench.

2.3   Windscreen

In accordance with the NYSDEC-approved IRM Work Plan, and in order to minimize the potential for windblown dust from the fill area of the LIRR property to enter the remediated drainage swale area, a windscreen was installed on the existing site perimeter separating the LIRR Yaphank site and the western lowland area. The location of the windscreen is depicted on Drawing 1. The windscreen was constructed of PVC vinyl coated polyester mesh fabric with reinforced hems and grommets every 12 inches on all edges. The windscreen was installed on the interior side of the fence using appropriate tie wraps at every grommet.

2.4   Site Fencing

In accordance with the NYSDEC-approved IRM Work Plan, and in order prevent unauthorized access to LIRR property, the existing site fencing and swing gates were upgraded/repaired and extended approximately 1,680 feet in order to completely surround the LIRR property. The location of the newly installed fencing and swing gates are depicted on Drawing 1. All newly installed 8-foot high chain link fencing and locking swing gates were constructed of completely galvanized materials. Fence posts were installed a minimum of 3 feet below grade in domed concrete footings.

2.5   RCA Installation

In accordance with the NYSDEC-approved IRM Work Plan, and in order to reduce the potential for on-site worker exposure to site related fill material in portions of surface soil on the LIRR property, a layer of unwoven geotextile, overlain by 6 inches of RCA material was installed in targeted areas of the property. As depicted on Drawing 1, these areas included a portion of the northern LIRR property abutting the railway.

According to the IRM Work Plan, the geotextile and RCA material were to be installed on targeted portions of the ATC property, in addition to the LIRR property. However, as approved by the NYSDEC, the LIRR has modified the IRM activities to be conducted on the

ATC property, as the installation of geotextile and RCA material will not be a suitable cover for the ATC property. The LIRR proposes to conduct a drainage survey and implement necessary drainage improvements prior to conducting remedial activities on the ATC property, which will be conducted concurrently with the full-scale remediation of the Yaphank Landfill site.

OLD DIRT ROAD

APPROXIMATE GROUNDWATER FLOW DIRECTION

ONE LANE TRAIN TRESSELL

SITE BOUNDARY

LONG ISLAND RAIL ROAD MAIN LINE TRACK

ACTIVE RAIL SIDING

BRIDGE ABUTMENT AND AGGREGATE HOPPER

ELEVATED TOPOGRAPHY

FORMER PILE OF FILL MATERIAL

CONCRETE SLABS

ASPHALT PAVEMENT

CONCRETE SLAB

DRYWELL

MATCHLINE – SEE BELOW

POLE

POLE

TAX PARCEL–SITE BOUNDARY

RIVER ROAD

RESIDENTIAL PROPERTY

DRAINAGE SWALE

8' CHAIN LINK FENCE

POLE

TAX PARCEL–SITE BOUNDARY

POLE

POLE

CONCRETE BLOCKS

APPROXIMATE EXTENT OF FILL

NICOLIA READY–MIX INC. PROPERTY

LONG ISLAND RAIL ROAD MAIN LINE TRACK

MORICHES – MIDDLE ISLAND ROAD

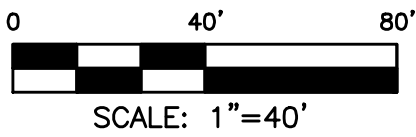MATCHLINE – SEE ABOVE

6' CHAIN LINK FENCE

ASBESTOS TRANSFER COMPANY, INC. PROPERTY

APPROXIMATE LOCATION OF DIESEL TANK

DIESEL PUMP

CONCRETE RETAINING WALL

ASPHALT PAVEMENT

ATC LOADING PIT

ATC BUILDING

CONCRETE PAVEMENT

NICOLIA BUILDING

APPROXIMATE EXTENT OF FILL

NICOLIA READY–MIX INC. PROPERTY

LEGEND

SITE BOUNDARY

ELEVATED TOPOGRAPHY

APPROXIMATE EXTENT OF FILL

AREAS COVERED WITH 6 INCHES OF CRUSHED STONE AND GEOTEXTILE FABRIC

NEW FENCE

SILT FENCE AND WIND SCREEN

UPGRADED EXISTING FENCE

TEMPORARY SNOW FENCE

NOTES.

1. *EASTERN U.S.A. BACKGROUND LEVEL

2. DATUMS:
VERTICAL – 1988 NAVD
HORIZONTAL – 1983 NAD

3. PROPERTY LINES SHOWN ARE TAKEN FROM A PLAN PROVIDED BY THE LONG ISLAND RAILROAD, DATED JUNE 30, 1916, LAST REVISED DECEMBER 31, 1958, TITLED RIGHT OF WAY AND TRACK MAP, STATION 3121+00 TO 3175+00.

4. BASE MAP PREPARED BY COTILLA ASSOCIATES, NORTHPORT, NEW YORK SURVEY DATA OBTAINED IN THE FIELD NOVEMBER 1997.

5. ADDITIONAL POINTS SURVEYED BY YEC,INC., VALLEY COTTAGE, NEW YORK ON JULY 12, 1999 AND ADDED TO THIS MAP. DATUMS: VERTICAL–1986 NAVD, HORIZONTAL–ASSUMED POINTS SURVEYED INCLUDE: MW–9 THROUGH MW–16; SB–6 THROUGH SB–16; SS–7 THROUGH SS–48, SS–50, SS–51, SS–52.

6. THE BASE MAP WAS UPDATED IN AUGUST 1999 BY YEC, INC. BASED ON 1999 SURVEYED LOCATIONS OF MW–9 AND MW–10. THE BASE MAP WAS REDUCED BY A FACTOR 0.7467 FROM THE BASE MAP 0,0 LOCATION.

7. ADDITIONAL POINTS SURVEYED BY NELSON AND POPE, MELVILLE NEW YORK ON JANUARY 13, 2004 AND ADDED TO THIS MAP.

DATUMS: VERTICAL 1986 NAVD; HORIZONTAL – ASSUMED; ELEVATION NGVD 29 DATUM
POINTS SURVEYED INCLUDE: SS–53 THROUGH SS–100, SB–17 THROUGH SB–31 AND SB–33 THROUGH SB–75

SOURCE: 1997 SURVEY, COTILLA ASSOCIATES; 1999 SURVEY, YEC INC.; 2004 SURVEY, NELSON AND POPE; TAX MAPS; 1969 AERIAL PHOTOGRAPH, LKB

Dvirka
and
Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

LONG ISLAND RAILROAD - YAPHANK SITE
IRM OVERSIGHT REPORT

COMPLETED IRM ACTIVITIES

0   40'   80'
SCALE: 1"=40'

DRAWING 1

3.0   CONCLUSIONS

The IRM activities described in this report were undertaken and completed in accordance with the NYSDEC-approved IRM Work Plan dated September 2005. In several instances, as described earlier, modifications were made to the IRM Work Plan based on field conditions. However, the LIRR notified the NYSDEC and obtained NYSDEC approval prior to implementing these changes. Based on the endpoint samples exhibiting concentrations of TAL metals below their respective residential SCOs, further soil removal activities in the area of the drainage swale to the southwest of the LIRR Yaphank Landfill property are not recommended.

In total, approximately 1,013 cubic yards of soil were excavated and transported off-site by ET from the Yaphank Landfill. This soil was accepted and properly disposed of by Clean Earth in South Kearney, New Jersey and Soil Safe, Inc. in Logan Township, New Jersey

Note that the IRM activities described in this report were completed prior to the implementation of a site-wide remedy, as they could be completed without extensive data collection or evaluation of remedial technologies and would reduce the potential exposure of human and wildlife receptors to site-related contaminants. A Remedial Action Selection Report evaluating full-scale remedial alternatives for the Yaphank Landfill site will be submitted for NYSDEC approval in the latter part of 2009. This report will identify all feasible remedial alternatives and identify the most practical remedial alternatives to be implemented at the Yaphank Landfill site.

APPENDIX A

PHOTOGRAPIC DOCUMENTATION

Fill area, showing abutting tracks to the north and pile of soil to be removed.

Fill area, showing the installation of the geotextile material and RCA.

Installation of new perimeter fencing at the north of the fill area.

Construction entrance at River Road, showing partial 1-foot excavation area.

Drainage swale area post clearing and grubbing activities.

Live loading of contaminated soil in drainage swale area.

Excavation of the 6-foot area in the drainage swale, showing large concrete blocks.

Completed silt fence, located along the fence line at the southwest of the fill area.

APPENDIX B

ENDPOINT AND SIDEWALL SAMPLE RESULTS

TABLE 1

LONG ISLAND RAIL ROAD
YAPHANK LANDFILL
ENDPOINT AND SIDEWALL SOIL SAMPLING RESULTS
TAL METALS

SAMPLE ID	EP-01		EP-02		EP-02A	EP-03		EP-04		EP-05		Part 375 Soil Cleanup Objectives Residential Use
DATE OF COLLECTION	7/24/07		7/24/07		8/6/07	7/24/07		7/24/07		7/24/07		
UNITS	(mg/kg)		(mg/kg)		(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)
Aluminum	1,370		1,070		Na	6,690		9,450		8,640		-
Antimony		U	7.62		Na		U		U		U	-
Arsenic	0.89	J	8.35		Na	1.45		1.40		1.81		16.0
Barium	3.03	J	5.20	J	Na	16.6		21.7		17.7		350
Beryllium	0.08	J	0.06	J	Na	0.19	J	0.27	J	0.20	J	14.0
Cadmium		U	0.20	J	Na	0.22	J	0.29	J	0.25	J	2.5
Calcium	86.6	J	93.1	J	Na	70.2	J	69.1	J	285		-
Chromium	3.52		2.29		Na	7.05		9.07		8.16		22.0
Cobalt	1.68		1.91		Na	2.43		2.57		2.25		-
Copper	3.08		26.6		Na	5.28		3.07		16.2		270
Iron	2,740		2,520		Na	7,530		8,630		7,830		-
Lead	8.05	N	436	N	202	12.0	N	5.44	N	38.5	N	400
Magnesium	387	N	245	N	Na	716	N	835	N	708	N	-
Manganese	93.5	N	70.4	N	Na	117	N	47.9	N	48.2	N	2,000
Mercury		U	0.04		Na	0.02		0.03		0.02		0.81
Nickel	2.35		4.76		Na	3.85		4.85		4.45		140
Potassium	63.9	J	36.0	J	Na	107	J	143	J	156	J	-
Selenium	0.40	J		U	Na		U		U	0.30	J	36.0
Silver	0.27	J		U	Na	0.47	J	0.50	J	0.51	J	36.0
Sodium	52.8	JN	49.0	JN	Na	42.9	JN		UN	188	N	-
Thallium		U		U	Na		U		U		U	-
Vanadium	3.83		3.43		Na	12.8		16.5		14.9		-
Zinc	11.4	N	18.2	N	Na	19.4	N	17.7	N	31.3	N	2,200

SAMPLE ID	EP-06		EP-07		EP-07A	EP-08		EP-09		EP-10		Part 375 Soil Cleanup Objectives Residential Use
DATE OF COLLECTION	7/24/07		7/24/07		8/6/07	7/24/07		7/24/07		7/24/07		
UNITS	(mg/kg)		(mg/kg)		(mg/kg)	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)
Aluminum	10,400		4,890		3,800	4,110		2,560		4,170		-
Antimony		U		U	U		U		U		U	-
Arsenic	1.42		2.98		1.21	0.56	J	0.72	J	0.33	J	16.0
Barium	22.0		9.62		15.6	8.99		5.11		6.50		350
Beryllium	0.24	J	0.23	J	0.14 J	0.13	J	0.09	J	0.13	J	14.0
Cadmium	0.33	J	0.453	J	0.52 J	0.15	J	0.11	J	0.13	J	2.5
Calcium	243		50.2	J	79.3 J	56.6	J	33.4	J	47.3	J	-
Chromium	9.50		23.5		4.07	4.83		3.14		4.33		22.0
Cobalt	2.51		4.66		2.59	1.56	J	1.96	J	1.48	J	-
Copper	3.09		5.34		7.34	2.07		9.91		2.83		270
Iron	8,970		12,800		5,080	4,500		3,270		4,240		-
Lead	5.66	N	10.8	N	16.2	3.11	N	99.7	N	3.30	N	400
Magnesium	906	N	502	N	331	360	N	423	N	395	N	-
Manganese	48.6	N	191	N	107	31.9	N	62.8	N	39.0	N	2,000
Mercury	0.01		0.01		Na	0.01	J	0.01	J	0.01	J	0.81
Nickel	5.27		5.14		2.99	2.49		2.55		2.79		140
Potassium	159	J	80.4	J	79.8 J	58.8	J	54.6	J	74.2	J	-
Selenium		U		U	0.33 J		U		U	0.22	J	36.0
Silver	0.55	J	0.83		0.76	0.36	J	0.43	J	0.38	J	36.0
Sodium		UN	97.4	JN	95.1 J	57.2	JN	106	N	59.3	JN	-
Thallium		U		U	U		U		U		U	-
Vanadium	17.4		22.3		9.15	8.28		4.96		7.32		-
Zinc	18.9	N	19.8	N	16.1	15.3	N	8.69	N	11.1	N	2,200

Notes:
-: Not established
U: Constituent analyzed for but not detected
J: Concentration estimated
N: Presumptive evidence of constituent
Na: Constituent not analyzed for
[ ]: Exceeds Residential SCO

TABLE 1

LONG ISLAND RAIL ROAD
YAPHANK LANDFILL
ENDPOINT AND SIDEWALL SOIL SAMPLING RESULTS
TAL METALS

SAMPLE ID	EP-11	EP-12	EP-13	EP-13A	EP-14	EP-15	Part 375 Soil Cleanup Objectives Residential Use
DATE OF COLLECTION	7/24/07	7/27/07	7/27/07	8/6/07	7/24/07	7/24/07	
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	2,060	1,310	3,590	Na	1,110	2,290	-
Antimony	U	4.13	20.0	Na	U	U	-
Arsenic	1.63	2.92	14.0	Na	0.46 J	1.85	16.0
Barium	5.22 J	3.72 J	17.4	Na	3.25 J	10.8	350
Beryllium	0.09 J	U	0.08 J	Na	0.07 J	0.09 J	14.0
Cadmium	0.20 J	0.56 J	0.51 J	Na	0.07 J	0.11 J	2.5
Calcium	77.9 J	99.8 J	808	Na	84.3 J	527	-
Chromium	2.93	1.93	6.50	Na	1.53	3.40	22.0
Cobalt	1.72	0.93 J	1.33 J	Na	0.74 J	1.29 J	-
Copper	7.46	31.1	49.0	Na	4.40	12.6	270
Iron	2,890	2,110	6,570	Na	1,200	3,000	-
Lead	38.1 N	180	482	15.0	21.1 N	76.2 N	400
Magnesium	304 N	163	370	Na	79.5 JN	264 N	-
Manganese	67.7 N	23.2	65.7	Na	7.80 N	31.9 N	2,000
Mercury	0.01	0.02	0.10	Na	0.02	0.04	0.81
Nickel	3.12	7.67	5.52	Na	0.70 J	3.32	140
Potassium	63.9 J	31.3 J	116 J	Na	30.2 J	84.6 J	-
Selenium	U	U	U	Na	U	0.38 J	36.0
Silver	0.33 J	U	U	Na	0.25 J	0.48 J	36.0
Sodium	61.2 JN	116 JN	121 N	Na	84.5 JN	97.5 JN	-
Thallium	U	U	U	Na	U	U	-
Vanadium	4.54	2.48	12.6	Na	2.93	7.50	-
Zinc	13.0 N	69.1	53.0	Na	5.44 N	23.0 N	2,200

SAMPLE ID	EP-16	EP-17	EP-18	EP-19	EP-19A	EP-20	Part 375 Soil Cleanup Objectives Residential Use
DATE OF COLLECTION	7/24/07	7/24/07	7/24/07	7/27/07	8/10/07	7/25/07	
UNITS	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	2,610	3,670	990	1,750	Na	3,540	-
Antimony	U	U	U	69.9	Na	U	-
Arsenic	U	0.43 J	U	28.8	U	U	16.0
Barium	4.97 J	6.56	4.33 J	11.6	Na	8.97	350
Beryllium	0.07 J	0.10 J	0.06 J	0.02 J	Na	0.09 J	14.0
Cadmium	0.10 J	0.12 J	U	0.43 J	Na	U	2.5
Calcium	41.6 J	55.0 J	46.6 J	321	Na	486	-
Chromium	2.52	3.12	1.95	3.03	Na	4.63	22.0
Cobalt	0.96 J	1.15 J	1.36 J	0.67 J	Na	0.42 J	-
Copper	1.58	1.97	2.81	42.9	Na	3.86	270
Iron	2,720	3,090	1,540	5,200	Na	4,060	-
Lead	8.77 N	2.54 N	4.09 N	1,030	8.25	5.01	400
Magnesium	140 N	228 N	210 N	258	Na	299	-
Manganese	18.4 N	25.7 N	55.5 N	45.0	Na	34.9	2,000
Mercury	0.02	0.01 J	0.01 J	0.05	Na	0.02	0.81
Nickel	1.38 J	1.71 J	1.46 J	4.07	Na	1.90 J	140
Potassium	39.5 J	46.7 J	70.3 J	58.4 J	Na	89.9 J	-
Selenium	U	U	U	0.28 J	Na	U	36.0
Silver	0.37 J	0.395 J	0.33 J	U	Na	U	36.0
Sodium	57.5 JN	78.3 JN	69.4 JN	92.9 JN	Na	150	-
Thallium	U	U	U	U	Na	U	-
Vanadium	5.25	5.59	3.17	4.99	Na	7.64	-
Zinc	7.45 N	8.71 N	8.34 N	40.3	Na	27.9	2,200

Notes:
-: Not established
U: Constituent analyzed for but not detected
J: Concentration estimated
N: Presumptive evidence of constituent
Na: Constituent not analyzed for
[box] :Exceeds Residential SCO

TABLE 1

LONG ISLAND RAIL ROAD
YAPHANK LANDFILL
ENDPOINT AND SIDEWALL SOIL SAMPLING RESULTS
TAL METALS

SAMPLE ID	EP-21		EP-22		EP-23		SW-01		SW-02		SW-03		Part 375 Soil Cleanup Objectives
DATE OF COLLECTION	7/25/07		7/27/07		7/24/07		7/24/07		7/24/07		7/27/07		Residential Use
UNITS	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)
Aluminum	2,260		3,030		4,980		918		3,670		2,340		-
Antimony		U		U		U		U		U		U	-
Arsenic		U		U		U	0.33	J	2.56		1.43		16.0
Barium	5.85		51.4		14.1		12.4		13.3		27.7		350
Beryllium	0.04	J	0.05	J	0.14	J	0.05	J	0.14	J	0.05	J	14.0
Cadmium		U	0.14	J	0.11	J		U	0.22	J	0.12	J	2.5
Calcium	252		5,140		111		198		356		249		-
Chromium	2.71		3.74		5.07		1.33		4.21		3.22		22.0
Cobalt		U	0.34	J	1.47	J	0.72	J	1.76		0.97	J	-
Copper	2.52		5.66		2.02		3.50		10.1		13.4		270
Iron	2,200		3,140		3,400		952		3,550		2,710		-
Lead	3.90		23.8		3.38	N	19.5	N	125	N	25.2		400
Magnesium	180		347		447	N	88.7	JN	316	N	175		-
Manganese	13.0		31.8		18.3	N	16.6	N	43.6	N	29.7		2,000
Mercury	0.01		0.06		0.01			U	0.02		0.02		0.81
Nickel	1.10	J	1.33	J	2.48		0.77	J	3.51		3.01		140
Potassium	64.1	J	97.7	J	84.4	J	44.3	J	85.5	J	69.6	J	-
Selenium		U		U		U		U		U		U	36.0
Silver		U		U	0.42	J	0.22	J	0.38	J		U	36.0
Sodium	108	J	137	N	70.4	JN	91.8	JN	102	JN	142	N	-
Thallium		U		U		U		U		U		U	-
Vanadium	4.34		5.89		7.34		2.80		8.20		7.96		-
Zinc	11.3		21.2		8.94	N	90.3	N	74.0	N	63.3		2,200

SAMPLE ID	SW-04		SW-05		SW-06		SW-07		SW-08		SW-09		Part 375 Soil Cleanup Objectives
DATE OF COLLECTION	7/27/07		7/25/07		7/25/07		7/25/07		7/27/07		7/27/07		Residential Use
UNITS	(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)		(mg/kg)
Aluminum	2,320		3,230		3,000		1,700		3,610		2,590		-
Antimony		U		U		U		U		U		U	-
Arsenic		U		U		U		U		U		U	16.0
Barium	7.13		5.49	J	9.16	J	4.11	J	8.74	J	6.72		350
Beryllium	0.03	J	0.03	J	0.07	J	0.04	J	0.08	J	0.04	J	14.0
Cadmium	0.07	J		U		U		U		U	0.08	J	2.5
Calcium	316		723		456		192		277		85.7	J	-
Chromium	2.61		2.71		3.84		2.97		3.87		3.08		22.0
Cobalt		U		U	0.36	J		U	0.35	J	0.31	J	-
Copper	3.54		1.10	J	5.62		3.42		1.11		3.42		270
Iron	2,970		3,220		3,260		2,420		3,670		2,970		-
Lead	13.8		2.12		9.56		4.42		2.76		19.5		400
Magnesium	109	J	106	J	300		237		229		248		-
Manganese	56.5		17.5		24.3		21.3		29.8		17.6		2,000
Mercury	0.01		0.01		0.02		0.01		0.01		0.01	J	0.81
Nickel	0.71	J	0.63	J	2.13	J	1.72	J	1.34	J	1.27	J	140
Potassium	35.5	J	61.0	J	85.1	J	69.5	J	67.3	J	43.9	J	-
Selenium		U		U		U		U		U		U	36.0
Silver		U		U		U		U		U		U	36.0
Sodium	71.9	JN	164		128		136		74.9	JN	33.6	JN	-
Thallium		U		U		U		U		U		U	-
Vanadium	5.29		6.66		6.04		4.16		6.41		4.57		-
Zinc	12.9		6.55		22.3		18.7		5.52		13.0		2,200

Notes:
-: Not established
U: Constituent analyzed for but not detected
J: Concentration estimated
N: Presumptive evidence of constituent

TABLE 1

LONG ISLAND RAIL ROAD
YAPHANK LANDFILL
ENDPOINT AND SIDEWALL SOIL SAMPLING RESULTS
TAL METALS

SAMPLE ID	SW-10		SW-11						Part 375 Soil Cleanup Objectives Residential Use (mg/kg)
DATE OF COLLECTION	7/27/07		7/24/07						
UNITS	(mg/kg)		(mg/kg)						
Aluminum	3,500		3,080						-
Antimony		U		U					-
Arsenic	3.87		0.75	J					16.0
Barium	9.86		6.20						350
Beryllium	0.06	J	0.13	J					14.0
Cadmium	0.23	J	0.16	J					2.5
Calcium	325		58.6	J					-
Chromium	5.00		3.70						22.0
Cobalt	0.80	J	1.95						-
Copper	23.8		3.09						270
Iron	5,090		3,400						-
Lead	147		2.87	N					400
Magnesium	305		319	N					-
Manganese	43.9		37.0	N					2,000
Mercury	0.14		0.01						0.81
Nickel	2.56		2.55						140
Potassium	90.7	J	74.2	J					-
Selenium		U		U					36.0
Silver		U	0.433	J					36.0
Sodium	90.3	JN	63.7	JN					-
Thallium		U		U					-
Vanadium	10.1		6.74						-
Zinc	27.5		11.2	N					2,200

Notes:
-: Not established
U: Constituent analyzed for but not detected
J: Concentration estimated
N: Presumptive evidence of constituent

APPENDIX C

DATA VALIDATOR RESUME

ROBBIN A. PETRELLA

ASSOCIATE
QUALITY ASSURANCE OFFICER

EDUCATION
SUNY at Buffalo, B.S. (Chemical Engineering) – 1986

CERTIFICATIONS
U.S. Environmental Protection Agency – Lead Based Paint Risk Assessor
U.S. Environmental Protection Agency – Organic Data Validator
U.S. Environmental Protection Agency – Inorganic Data Validator

PROFESSIONAL EXPERIENCE
Ms. Petrella's professional quality assurance/quality control (QA/QC) experience spans 18 years. During this time, she served as a Sample and Data Analyst for two large environmental laboratories. Ms. Petrella was responsible, as Data Review Group Leader, for supervision of data validation and QA/QC coordination between the laboratory and its clients. Her technical experience includes both the analysis and review of environmental samples using numerous protocols, including those developed by the United States Environmental Protection Agency (USEPA), New York State Department of Environmental Conservation (NYSDEC), and New Jersey Department of Environmental Protection (NJDEP).

Since joining the firm, Ms. Petrella has been responsible for preparing Quality Assurance/Quality Control Plans and Waste Analysis Plans for a number of large private sector clients. These include Chemical Waste Disposal Corporation, the International Business Machines Corporation and Northrop Grumman Corporation. She also has prepared overall QA/QC programs for Northrop Grumman's on-site laboratories.

Ms. Petrella has prepared QA/QC Plans and data validation/usability reports for remedial investigation and feasibility studies conducted at numerous New York State Registry Sites, including those in the Towns of Cheektowaga, Schodack, and North Tonawanda, as well as the Villages of Croton-on-Hudson and Brentwood, New York. These tasks involved evaluation of the laboratory data to determine compliance with NYSDEC Analytical Services Protocols (ASP), as well as to determine the usability of the data particularly if it was not consistent with ASP requirements.

Ms. Petrella has assisted in the preparation and performance of air sampling programs for remedial investigation/feasibility studies (RI/FS) conducted at landfill/Superfund sites in Wallkill, New York and East Northport, New York. She has also performed water supply sampling for an RI/FS in Rensselaer County, New York, and a surface and subsurface water and soil sampling program as part of an RI/FS in Elmira, New York.

Ms. Petrella has acted as the QA/QC officer, and prepared and performed field audits for Superfund site investigations in Tonawanda, New York; Owego, New York; Brookhaven, New York; and Hornell, New York, and for a major railroad facility in New York City. She also has assisted in the preparation of laboratory contracts for analytical services for hazardous waste studies in Schodack, New York; Jamaica, New York; and the New York State Superfund Standby contract.

ROBBIN A. PETRELLA

Ms. Petrella is responsible for the data validation of all data packages from ongoing hydrogeologic investigation and landfill closure investigations in Brookhaven and Hauppauge, New York. She also is responsible for validation of all data collected during field investigations for a large aerospace corporation, a major utility on Long Island, and manufactured gas plants across Long Island.

Ms. Petrella has acted as Project Manager for standby projects with the NYSDEC and a groundwater treatment project located in New Jersey.

Ms. Petrella has acted as the Project Manager for the firm's contract with the New York City School Construction Authority (NYCSCA). Her responsibilities included conducting and reviewing Phase I Site Assessments, Phase II Site Investigations, Indoor Air Quality Surveys and Site Assessments at both SCA-owned or leased properties.

Ms. Petrella has been instrumental in the design and implementation of the firm's GIS\Key Database system. In that role, she is responsible for the maintenance of the system and training of personnel in its use. She also is responsible for all updates to the GIS\Key program and communicates on a regular basis with the GIS\Key venders with regard to system improvements and network administration. Currently, there are seven ongoing projects that use GIS\Key, five of which are MGP sites. Ms. Petrella is responsible for entering and reporting of all chemistry data from GIS\Key.

Ms. Petrella also has conducted indoor and outdoor air sampling programs as part of MGP site field investigations. She has conducted interviews with homeowners as part of the air sampling program. She also is responsible for data validation of all the data from the air sampling programs.

Ms. Petrella has performed multimedia compliance audits for several hospitals in both New York and New Jersey. She also has prepared audit reports and EPA disclosure reports based on the compliance audits

Ms. Petrella presently is the Quality Assurance/Quality Control officer for the firm and responsible for reviewing all work relating to Quality Assurance/Quality Control for hazardous waste, hazardous substance, manufactured gas plant and solid waste projects undertaken by the firm. She also is responsible for preparation and maintenance of the Corporate Quality Assurance Manual, and for inventory and maintenance of the firm's field/sampling and monitoring equipment. As the QA/QC Officer, she reports directly to the Principal-in-Charge of the Environmental Remediation Division.

APPENDIX D

CLEAN FILL DOCUMENTATION AND
PHYSICAL ANALYSIS RESULTS

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416715

Date :7/12/07   1

Customer   MSC
MSC. CUSTOMER

ENVIRO TRAC

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,296

Tons : 2,543.23

Truck	01	E.C.M.	PVB	:P	Gross: 38.00	tn MAN WT	Out 7:08 am
Material	CB	CONCRETE BLEND			Tare: 13.27	tn STORED	In 12:00 am
Location	1SUF	SUFFOLK					
.00/tn					Net: 24.73	tn	

Weigh Master: GINA

Driver:

Material $ 346.22
Delivery $ 0.00
Misc $ 0.00
Tax $ 0.00

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

Total $ 346.22

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416714

Date :7/12/07   1

John

724 - 3116

Customer   MSC
MSC. CUSTOMER

ENVIRO TRAC

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,295

Tons : 2,518.50

Truck	16	#16 BUDDY		Gross: 37.85	tn MAN WT	Out 7:08 am
Material	CB	CONCRETE BLEND		Tare: 13.52	tn STORED	In 12:00 am
Location	1SUF	SUFFOLK				
14.00/tn				Net: 24.33	tn	

Weigh Master: GINA

Driver:

Material $ 340.62
Delivery $ 0.00
Misc $ 0.00
Tax $ 0.00

Remarks: THANK YOU

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

Total $ 340.62

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419302

Date :8/10/07 1

Customer MSC
MISC. CUSTOMER

Envirotrack

Order No :4
DELIVERED MATERIAL NON TAX
Loads : 1,321

Tons : 3,269.25

Truck	16	#16 BUDDY	Gross: 38.13	tn	Scale 1	Out 10:34 am
Material	DSS	DRY SCREENED SAND	Tare: 13.52	tn	STORED	In 12:00 am
Location	1SUF	SUFFOLK				
$15.00/tn			Net: 24.61	tn		

Weigh Master: GINA

Agent for LIRR
Andrew

Driver:

Remarks: THANK YOU

Material	$	369.15
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	369.15

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

DELIVERY COPY

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419305

Date :8/10/07 1

Customer MSC
MISC. CUSTOMER

Envirotrack

Order No :4
DELIVERED MATERIAL NON TAX
Loads : 1,322

Tons : 3,294.44

Truck	03	EAST COAST MINES PETER	Gross: 38.59	tn	Scale 1	Out 10:49 am
Material	DSS	DRY SCREENED SAND	Tare: 13.40	tn	STORED	In 12:00 am
Location	1SUF	SUFFOLK				
$15.00/tn			Net: 25.19	tn		

Weigh Master: GINA

Agent for LIRR
Andrew

Driver:

Remarks: THANK YOU

Material	$	377.85
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	377.85

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416863

Date :7/13/07   1

Customer MSC
MSC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,299

Tons : 2,617.08

Truck	14	EAST COAST MINES Dave	Gross: 38.11 tn	Scale 1 Out 8:01 am
Material	CB	CONCRETE BLEND	Tare: 13.48 tn	STORED In 12:00 am
Location	1SUF	SUFFOLK		
$14.00/tn			Net: 24.63 tn	

Weigh Master: CAT

Driver:

Remarks: THANK YOU

Material	$	344.82
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	344.82

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416876

Date :7/13/07   1

Customer MSC
MISC. CUSTOMER

Order No :4
ELIVERED MATERIAL NON TAX
Loads :   1,301

Tons : 2,667.20

Truck	14	EAST COAST MINES Dave	Gross: 38.64 tn	Scale 1 Out 9:30 am
Material	CB	CONCRETE BLEND	Tare: 13.48 tn	STORED In 12:00 am
Location	1SUF	SUFFOLK		
$14.00/tn			Net: 25.16 tn	

Weigh Master: JESSICA

Driver: DAVE

Remarks: THANK YOU

Material	$	352.24
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	352.24

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419167

Date :8/9/07   12

ustomer MSC
SC. CUSTOMER

Envirotech

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,316

Tons : 3,144.08

ruck   03   EAST COAST MINES PETER Gross: 37.59   tn Scale 1 Out 9:16 am
aterial   DSS   DRY SCREENED SAND   Tare: 13.40   tn STORED In 12:00 am
cation   1SUF   SUFFOLK

15.00/tn   Net: 24.19   tn

gh Master: GINA *Overload*   Material $ 362.85
                                                 Delivery $ 0.00
ver: *Agent for LIRR*   Misc $ 0.00
                                                 Tax $ 0.00
emarks: THANK YOU   *Andrew*   ------------------------
                                                 Total $ 362.85

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

icket No :
419195

Date :8/9/07   12

utomer MSC
SC. CUSTOMER   *Envirotrack*

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,317

Tons : 3,169.72

ck   03   EAST COAST MINES PETER Gross: 39.04   tn Scale 1 Out10:45 am
aterial   DSS   DRY SCREENED SAND   Tare: 13.40   tn STORED In 12:00 am
ocation   1SUF   SUFFOLK

.00/tn   Net: 25.64   tn

gh Master: GINA   Material $ 384.60
                                                 Delivery $ 0.00
river: *Agent for LIRR*   Misc $ 0.00
                                                 Tax $ 0.00
arks: THANK YOU   *Andrew*   Total $ 384.60

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419359

Date :8/11/07 1

stomer MSC
SC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,323

Chironiac.

Tons : 3,319.91

ruck   14   EAST COAST MINES Dave   Gross: 38.95   tn Scale 1 Out10:42 am
terial   DSS   DRY SCREENED SAND   Tare: 13.48   tn STORED In 12:00 am
cation   1SUF   SUFFOLK
15.00/tn   Net: 25.47 tn

eigh Master: GINA   *Tuyawy River Road*   Material $ 382.05
                             Chacy   Delivery $ 0.00
iver: Misc $ 0.00
                                                          Tax $ 0.00
emarks: THANK YOU   ------------------
                                                          Total $ 382.05

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419391

Date :8/13/07 1

ustomer MSC
TSC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,326

Emestrak

Tons : 3,396.21

ick   14   EAST COAST MINES Dave   Gross: 38.53   tn Scale 1 Out 8:04 am
aterial DSS   DRY SCREENED SAND   Tare: 13.48   tn STORED In 12:00 am
rcation 1SUF   SUFFOLK
5.00/tn   Net: 25.05 tn

gh Master: CAT   Material $ 375.75
                             April for LIRR   Delivery $ 0.00
iver: Misc $ 0.00
                             Andrew   Tax $ 0.00
arks: THANK YOU   ------------------
                                                          Total $ 375.75

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

1562.05

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/13/07   1

Ticket No :
419395

ustomer MSC
SC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,327

Tons : 3,423.53

Enstinction

ruck   06   East Coast Mines Steve Gross: 40.57   tn Scale 1 Out 8:44 am
aterial   DSS   DRY SCREENED SAND   Tare: 13.25   tn STORED In 12:00 am
cation   1SUF   SUFFOLK
5.00/tn   Net: 27.32 tn

igh Master: CAT   Material $ 409.80
                                               Delivery $ 0.00
ver: Agent for LIRR   Misc $ 0.00
                           Andrew   Tax $ 0.00
emarks: THANK YOU   Total $ 409.80

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

CUSTOMER COPY

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/13/07   1

icket No :
419381

ustomer MSC
ISC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,325

Tons : 3,371.16

Enivwo?u

uck   06   East Coast Mines Steve Gross: 39.56   tn Scale 1 Out 7:22 am
aterial   DSS   DRY SCREENED SAND   Tare: 13.25   tn STORED In 12:00 am
ocation 1SUF   SUFFOLK
5.00/tn   Net: 26.31 tn

eigh Master: CAT   Material $ 394.65
                                               Delivery $ 0.00
river: Misc $ 0.00
                                               Tax $ 0.00
arks: THANK YOU   Total $ 394.65

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
410050

Date :8/6/07   12

Customer MSC
MSC. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads :   4,456

Tons : 3,588.17

ENVIROTRAC

Truck	01	E.C.M.	PVB	:P	Gross: 37.04	tn Scale 1. Out11:54 am
Material	DSS	DRY SCREENED SAND			Tare: 13.27	tn STORED In 12:00 am
Location	1SUF	SUFFOLK				
15.00/tn					Net: 23.77 tn	

Weigh Master: GINA   *Overload*

Driver:

Remarks: THANK YOU

Material $	356.55
Delivery $	0.00
Misc $	0.00
Tax $	30.75
Total $	387.30

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
410057

Date :8/6/07   12

Customer MSC
MSC. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads :   4,457

Tons : 3,611.03

Truck	14	EAST COAST MINES Dave	Gross: 36.34	tn Scale 1 Out11:55 am
Material	DSS	DRY SCREENED SAND	Tare: 13.48	tn STORED In 12:00 am
Location	1SUF	SUFFOLK		
15.00/tn			Net: 22.86 tn	

Weigh Master: GINA

Driver:

THANK YOU

Material $	342.90
Delivery $	0.00
Misc $	0.00
Tax $	29.58
Total $	372.48

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date : 8/6/07   12

Ticket No :
   418840

ntomer MSC
I C. CUSTOMER

Envitage

Order No : 2
DELIVERED MATERIAL
        Loads :   4,455

Tons : 3,564.40

ruck	14	EAST COAST MINES Dave	Gross: 37.79	tn Scale 1 Out 10:42 am
erial	DSS	DRY SCREENED SAND	Tare: 13.48	tn STORED In 12:00 am
ation	1SUF	SUFFOLK		
15.00/tn			Net: 24.31 tn	

Select Sand

.gh Master: GINA

ver:

marks: THANK YOU

Material $	364.65
Delivery $	0.00
Misc $	0.00
Tax $	31.45
Total $	396.10

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

CUSTOMER COPY

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date : 8/9/07   12

icket No :
   419195

tomer MSC
ISC. CUSTOMER

Envirotock

Order No : 4
DELIVERED MATERIAL NON TAX
        Loads :   1,317

Tons : 3,169.72

ick	03	EAST COAST MINES PETER	Gross: 39.04	tn Scale 1 Out 10:45 am
erial	DSS	DRY SCREENED SAND	Tare: 13.40	tn STORED In 12:00 am
ocation	1SUF	SUFFOLK		
5.00/tn			Net: 25.64 tn	

eigh Master: GINA

iver:

marks: THANK YOU

*Agent for LIRR
Andrew*

Material $	384.60
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	384.60

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION
ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419214

Date :8/9/07   12

Customer MSC
SC. CUSTOMER

Envirotrack

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,318

Tons : 3,193.30

Truck   03   EAST COAST MINES PETER Gross: 37.06   tn Scale 1 Out11:54 am
Material DSS   DRY SCREENED SAND   Tare: 13.40   tn STORED In 12:00 am
Location 1SUF SUFFOLK
15.00/tn   Net: 23.66 tn

Weigh Master: GINA

Driver:

Remarks: THANK YOU

Agent for LIRR
Andrew

Material $ 354.90
Delivery $ 0.00
Misc $ 0.00
Tax $ 0.00

Total $ 354.90

EAST COAST MINES & MATERIALS CORPORATION
ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

MATERIAL	
0	FINE SAND
	CONCRETE SAND
	GRIT
	GRAVEL
	BANK RUN
✓	FILL
	STONE BLEND
	SCREENINGS
	BLUE STONE
	SELECT SAND *

CUSTOMER   ENVIROTRAC
RIVER RD.

☐ Picked Up

☒ Delivered

ID	TIME	DATE	WEIGHT	
#14	05:17	08-07-2007	39.36 G T	GROSS
DAVE			13.48 T T	TARE
			25.88 N T	NET

SIGNATURE

Check # 192

EAST COAST MINES & MATERIALS CORPORATION

Ticket No :
418984

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Customer MSC
SC. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads : 4,472

Envirotrac

Tons : 4,010.42

Truck   14   EAST COAST MINES Dave   Gross: 38.98   tn Scale 1 Out12:01 pm
Material DSS   DRY SCREENED SAND   Tare: 13.48   tn STORED In 12:00 am
Location 1SUF   SUFFOLK
15.00/tn   Net: 25.50 tn

Weigh Master: GINA   *Agent for LIRR*   Material $ 382.50
                        Andrew   Delivery $ 0.00
Driver: Misc $ 0.00
                                          Tax $ 32.99
Remarks: THANK YOU
                                          Total $ 415.49

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

MATERIAL	
FINE SAND	
CONCRETE SAND	
GRIT	
GRAVEL	
BANK RUN	
FILL	
STONE BLEND	
SCREENINGS	
BLUE STONE	

CUSTOMER *ENVIROTRAC*
          RIVER RD YAPHANK 03

☐ Picked Up

☑ Delivered

I.D.	TIME	DATE	WEIGHT	
	05:09	08-07-2007	38.36 G TN	GROSS
			13.4 T TN	TARE
			24.96 N TN	NET

SIGNATURE

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
418959

Customer MSC
MISC. CUSTOMER

Envitree

Order No :2
DELIVERED MATERIAL
Loads :   4,467

Tons : 3,880.95

Truck	03	EAST COAST MINES PETER	Gross: 39.02	tn	Scale 1 Out	10:16 am
Material	DSS	DRY SCREENED SAND	Tare: 13.40	tn	STORED In	12:00 am
Location	1SUF	SUFFOLK				
$15.00/tn			Net: 25.62	tn		

Weigh Master: GINA

Driver:

Remarks: THANK YOU

Agent for LIRR
Andrew

Material $	384.30
Delivery $	0.00
Misc $	0.00
Tax $	33.15
Total $	417.45

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
418983

Customer MSC
MISC. CUSTOMER

Envi. truck

Order No :2
DELIVERED MATERIAL
Loads :   4,471

Tons : 3,984.92

Truck	03	EAST COAST MINES PETER	Gross: 39.19	tn	Scale 1 Out	11:59 am
Material	DSS	DRY SCREENED SAND	Tare: 13.40	tn	STORED In	12:00 am
Location	1SUF	SUFFOLK				
$15.00/tn			Net: 25.79	tn		

Weigh Master: JESSICA

Driver:

Remarks: THANK YOU

Agent for LIRR
Andrew

Material $	386.85
Delivery $	0.00
Misc $	0.00
Tax $	33.37
Total $	420.22

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419297

Date :8/10/07 1

Customer MSC
MSC. CUSTOMER

Enviro-track

Order No :4
DELIVERED MATERIAL NON TAX
Loads : 1,319

Tons : 3,219.91

Truck   01   E.C.M.   PVB   :P   Gross: 39.80   tn Scale 1 Out 9:29 am
Material DSS   DRY SCREENED SAND   Tare: 13.27   tn STORED In 12:00 am
Location 1SUF   SUFFOLK
5.00/tn   Net: 26.53 tn

Weigh Master: GINA   Material $ 397.95
                                                             Delivery $ 0.00
Driver: Misc $ 0.00
                                                             Tax $ 0.00
Remarks: THANK YOU   Total $ 397.95

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the   FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
outstanding balance after 30 days. All outstanding balances after 30 days   TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.
will incur a 1.5% interest charge per month.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
419290

Date :8/10/07 1

Customer MSC
MSC. CUSTOMER

Enviro-con

Order No :2
DELIVERED MATERIAL
Loads : 4,482

Tons : 4,264.45

Truck   19   #19 TOMMY   Gross: 38.80   tn Scale 1 Out 9:26 am
Material DSS   DRY SCREENED SAND   Tare: 13.52   tn STORED In 12:00 am
Location 1SUF   SUFFOLK
15.00/tn   Net: 25.28 tn

Weigh Master: GINA   Material $ 379.20
                                                             Delivery $ 0.00
Driver: Misc $ 0.00
                                                             Tax $
Remarks: THANK YOU   Total $

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the   FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
outstanding balance after 30 days. All outstanding balances after 30 days   TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.
will incur a 1.5% interest charge per month.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/10/07   1

Ticket No :
419298

ustomer MSC
TC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,320

Tons : 3,244.64

Envirotech

ruck	06	East Coast Mines Steve	Gross: 37.98	tn Scale 1 Out 9:31 am
ateial	DSS	DRY SCREENED SAND	Tare: 13.25	tn STORED In 12:00 am
cation	1SUF	SUFFOLK		
i.00/tn			Net: 24.73 tn	

igh Master: GINA

river:

arks: THANK YOU

Material	$	370.95
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	370.95

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/10/07   1

Ticket No :
419302

ustomer MSC
C. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,321

Tons : 3,269.25

Envirotech

ruck	16	#16 BUDDY	Gross: 38.13	tn Scale 1 Out10:34 am
ateial	DSS	DRY SCREENED SAND	Tare: 13.52	tn STORED In 12:00 am
cation	1SUF	SUFFOLK		
5.00/tn			Net: 24.61 tn	

igh Master: GINA

river:

emarks: THANK YOU

Agent for LIRR
Andrew

Material	$	369.15
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	369.15

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/10/07   1

Ticket No :
  419305

ustomer MSC
MISC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,322

Environ(c)

Tons : 3,294.44

ruck   03   EAST COAST MINES PETER Gross: 38.59   tn Scale 1 Out10:49 am
aterial   DSS   DRY SCREENED SAND   Tare: 13.40   tn STORED In 12:00 am
Location 1SUF   SUFFOLK
*15.00/tn   Net: 25.19   tn

Weigh Master: , GINA   Agent for LIRR   Material $ 377.85
                                                Delivery $ 0.00
river: Andrew   Misc $ 0.00
                                                  Tax $ 0.00
emarks: THANK YOU   Total $ 377.

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :7/19/07   1

icket No :
  417359

ustomer MSC
ISC. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,305

Tons : 2,763.51

ck   14   EAST COAST MINES Dave   Gross: 37.62   tn MAN WT Out 9:37 am
aterial CB   CONCRETE BLEND   Tare: 13.48   tn STORED In 12:00 am
nation   1SUF   SUFFOLK
.00/tn   Net: 24.14   tn

gh Master: GINA   Material $ 337.96
                                              Delivery $ 0.00
iver: DAVE   Misc $ 0.00
                                                Tax $ 0.00
arks: THANK YOU   Total $ 337.96

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416735

Date :7/12/07   1

ustomer MSC
3C. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,298

Tons : 2,592.45

ruck	14	EAST COAST MINES Dave	Gross:	38.05	tn MAN WT	Out 8:30 am
aterial	CB	CONCRETE BLEND	Tare:	13.48	tn STORED	In 12:00 am
cation	1SUF	SUFFOLK				
14.00/tn			Net:	24.57	tn	

igh Master: GINA

river:

emarks: THANK YOU

Material	$	343.98
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	343.98

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416732

Date :7/12/07   1

ustomer MSC
3C. CUSTOMER

Order No :4
DELIVERED MATERIAL NON TAX
Loads :   1,297

Tons : 2,567.80

ruck	03	EAST COAST MINES PETER	Gross:	38.05	tn MAN WT	Out 8:19 am
aterial	CB	CONCRETE BLEND	Tare:	13.40	tn STORED	In 12:00 am
cation	1SUF	SUFFOLK				
14.00/tn			Net:	24.65	tn	

igh Master: GINA

river:

emarks: THANK YOU

Material	$	345.10
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	345.10

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416924

Date :7/13/07   1

Customer MSC
MISC. CUSTOMER

Order No :4
ELIVERED MATERIAL NON TAX
Loads :   1,304

Tons : 2,739.37

Truck	14	EAST COAST MINES Dave	Gross:	38.54	tn	Scale 1 Out 1:35 pm
Material	CB	CONCRETE BLEND	Tare:	13.48	tn	STORED In 12:00 am
Location	1SUF	SUFFOLK				
$14.00/tn			Net:	25.06	tn	

Weigh Master: JESSICA

Driver: DAVE K.

Remarks: THANK YOU

Material	$	350.84
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	350.84

3,432.80

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
416870

Date :7/13/07   1

Customer MSC
MISC. CUSTOMER

ENVIRO

Order No :4
ELIVERED MATERIAL NON TAX
Loads :   1,300

Tons : 2,642.04

Truck	03	EAST COAST MINES PETER	Gross:	38.36	tn	Scale 1 Out 6:44 am
Material	CB	CONCRETE BLEND	Tare:	13.40	tn	STORED In 12:00 am
Location	1SUF	SUFFOLK				
$14.00/tn			Net:	24.96	tn	

Weigh Master: JESSICA

Driver:

Remarks: THANK YOU

Material	$	349.44
Delivery	$	0.00
Misc	$	0.00
Tax	$	0.00
Total	$	349.44

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
418922

Date :8/7/07   12

ustomer MSC
1 :C. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads : 4,462

Tons : 3,752.49

Envrotxelc

ruck	03	EAST COAST MINES PETER	Gross: 38.36	tn MAN WT	Out 7:58 am
aterial	DSS	DRY SCREENED SAND	Tare: 13.40	tn STORED	In 12:00 am
ation	1SUF	SUFFOLK			
1 .00/tn			Net: 24.96 tn		

gh Master: GINA

ver:

Material $	374.40
Delivery $	0.00
Misc $	0.00
Tax $	32.29

emarks: THANK YOU

Total $ 406.69

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No :
418920

Date :8/7/07   12

tomer MSC
C. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads : 4,460

Tons : 3,701.05

Envirotxac

ruck	03	EAST COAST MINES PETER	Gross: 38.02	tn Scale 1	Out 7:57 am
erial	DSS	DRY SCREENED SAND	Tare: 13.40	tn STORED	In 12:00 am
ation	1SUF	SUFFOLK			
15.00/tn			Net: 24.62 tn		

eigh Master: GINA   Overload

ver: Agent for LIRR   Andrew

Material $	369.30
Delivery $	0.00
Misc $	0.00
Tax $	31.85

emarks: THANK YOU

Total $ 401.15

EAST COAST MINES & MATERIALS CORPORATION
ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
410923

tomer MSC
C. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads : 4,463

Tons : 3,778.50

uck	14	EAST COAST MINES Dave	Gross:	39.51	tn Scale 1 Out 8:08 am
erial	DSS	DRY SCREENED SAND	Tare:	13.48	tn STORED In 12:00 am
ation	1SUF	SUFFOLK			
5.00/tn			Net:	26.03	tn

igh Master: GINA

ver:

Agent for LIRR *Andrew*

emarks: THANK YOU

Material	$	390.45
Delivery	4	0.00
Misc	$	0.00
Tax	$	33.68
Total	$	424.13

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

CUSTOMER COPY

EAST COAST MINES & MATERIALS CORPORATION
ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
410942

stomer MSC
C. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads : 4,464

Tons : 3,805.00

uck	02	EAST COAST MINES PETER	Gross:	39.94	tn Scale 1 Out 9:08 am
aterial	DSS	DRY SCREENED SAND	Tare:	13.40	tn STORED In 12:00 am
ation	1SUF	SUFFOLK			
.00/tn			Net:	26.54	tn

gh Master: GINA

iver: *Agent for LIRR (Andrew)*

arks: THANK YOU

Material	$	398.10
Delivery	$	0.00
Misc	$	0.00
Tax	$	34.34
Total	$	432.44

All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
  410921

tomer MSC
ISC. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads :   4,461

Tons : 3,727.53

ck   14   EAST COAST MINES Dave   Gross: 39.36   tn MAN WT Out 7:58 am
terial DSS   DRY SCREENED SAND   Tare: 13.48   tn STORED In 12:00 am
ocation 1SUF   SUFFOLK
17.00/tn   Net: 25.88   tn

gh Master: GINA   Material $ 388.20
                                                  Delivery $ 0.00
ver: Misc $ 0.00
                                                  Tax $ 33.40

arks: THANK YOU
All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

Total $ 421.60

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Date :8/7/07   12

Ticket No :
  410947

stomer MSC
C. CUSTOMER

Enviro truck

Order No :2
DELIVERED MATERIAL
Loads :   4,465

Tons : 3,831.62

ruck   14   EAST COAST MINES Dave   Gross: 40.04   tn Scale 1 Out 9:23 am
terial DSS   DRY SCREENED SAND   Tare: 13.48   tn STORED In 12:00 am
ation 1SUF   SUFFOLK
13.00/tn   Net: 26.56   tn

gh Master: GINA   Material $ 398.40
                                                  Delivery $ 0.00
ver: Misc $ 0.00
                                                  Tax $ 34.36

Agent for LIRR
Andrew

marks: THANK YOU
All payments for all deliveries must be paid net 30 days.
All cost associated with collection of monies will be added to the
outstanding balance after 30 days. All outstanding balances after 30 days
will incur a 1.5% interest charge per month.

Total $ 432.76

FULL REMITTANCE FOR TONNAGE OR YARDAGE SIGNED.
TRUCK DELIVERY BEYOND CURB AT CUSTOMER'S RISK.

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No : 416870

Date :7/13/07   1

Customer   MSC
MISC. CUSTOMER

Order No :4
ELIVERED MATERIAL NON TAX
Loads :   1,300

Tons : 2,642.04

Truck	03	EAST COAST MINES PETER	Gross: 38.36	tn	Scale 1 Out 8:44 am
Material	CB	CONCRETE BLEND	Tare: 13.40	tn	STORED In 12:00 am
Location	1SUF	SUFFOLK			

$14.00/tn

Net: 24.96 tn

Weigh Master: JESSICA

Driver:

Remarks: THANK YOU

Material $	349.44
Delivery $	0.00
Misc $	0.00
Tax $	0.00
Total $	349.44

EAST COAST MINES & MATERIALS CORPORATION

ROUTE 2, LEWIS ROAD
EAST QUOGUE, N.Y. 11942
(631) 653-5445

Ticket No : 418964

Date :8/7/07   12

tomer MSC
C. CUSTOMER

Order No :2
DELIVERED MATERIAL
Loads :   4,468

Tons : 3,906.71

ruck	14	EAST COAST MINES Dave	Gross: 39.24	tn	Scale 1 Out10:35 am
erial	DSS	DRY SCREENED SAND	Tare: 13.48	tn	STORED In 12:00 am
ation	1SUF	SUFFOLK			

15.00/tn

Net: 25.76 tn

eigh Master: GINA

ver:

marks: THANK YOU

Material $	386.40
Delivery $	0.00
Misc $	0.00
Tax $	33.33
Total $	419.73

MOISTURE DENSITY TEST DATA

Client: Envirotrac
Project: LIRR - Yaphank, N.Y.
Project Number:

Specimen Data

Source:
Sample No.: 1
Elev. or Depth: 0 feet   **Sample Length (in./cm.):** 0 inch
Location: On site clean sand w/ some gravel, trace silt (SP)(8-65)
Description: Tan-lt brown medium to fine grained sand w/trace gravel, trace silt.
          (SP)(8-65) - poorly graded sand per USCS class. per ASTM D2487. 2.5 %
          silt. Meets sieve specs.
Liquid Limit: NA   **Plasticity Index:** Non-plastic
Natural Moisture: 2.11
Date: 7/19/07   **USCS Classification:** (SP)(8-65)
AASHTO Classification: NA
Testing Remarks: Clean tan-lt. brown medium- fine grained sand, trace gravel, &
          trace silt. (SP)(8-65) per ASTM D2487 USCS classification. Meets
          general fill sieve specifications.
Percent retained on No.4 sieve: 2.0
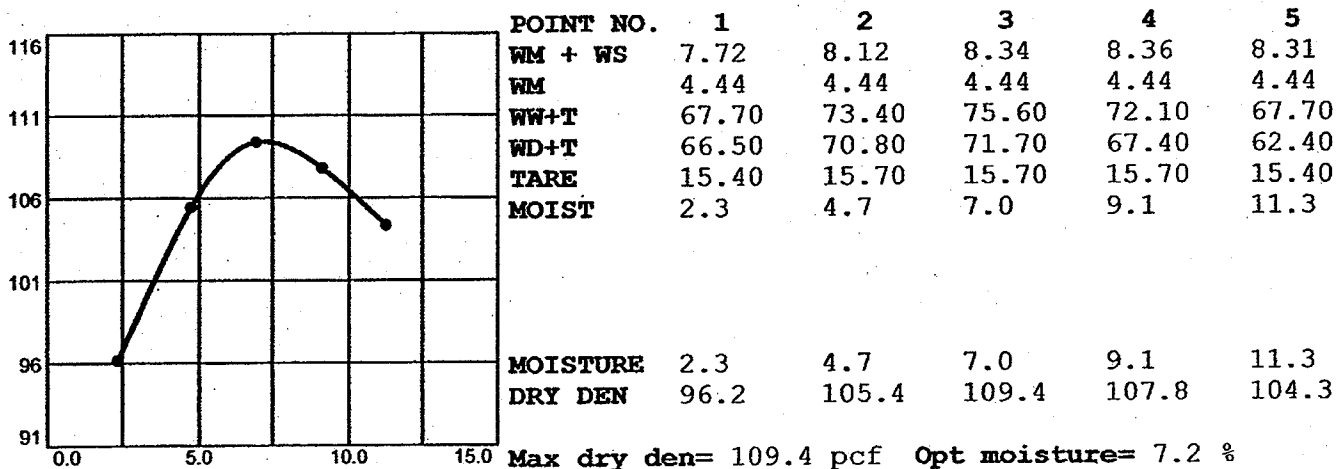**Percent passing No. 200 sieve:** 2.5   **Specific gravity:**

Test Data And Results For Curve 1

Type of test: ASTM D 698-91 Procedure A Standard
Mold Dia.: 4.00 in.   **Hammer Wt.:** 5.5 lb.   **Drop:** 12 in.
    Layers: three   **Blows per Layer:** 25

POINT NO.	1	2	3	4	5
WM + WS	7.72	8.12	8.34	8.36	8.31
WM	4.44	4.44	4.44	4.44	4.44
WW+T	67.70	73.40	75.60	72.10	67.70
WD+T	66.50	70.80	71.70	67.40	62.40
TARE	15.40	15.70	15.70	15.70	15.40
MOIST	2.3	4.7	7.0	9.1	11.3
MOISTURE	2.3	4.7	7.0	9.1	11.3
DRY DEN	96.2	105.4	109.4	107.8	104.3

Max dry den= 109.4 pcf   **Opt moisture=** 7.2 %

Oversize Correction Not Applied

Client: Envirotrac
Project: LIRR - Yaphank, N.Y.
Project Number:

Sample Data

Source:
Sample No.: 1
Elev. or Depth: 0 feet   **Sample Length (in./cm.):** 0 inch
Location: On site clean sand w/ some gravel, trace silt (SP)(8-65)
Description: Tan-lt brown medium to fine grained sand w/trace gravel, trace silt.
          (SP)(8-65) - poorly graded sand per USCS class. per ASTM D2487. 2.5
          % silt. Meets sieve specs.
Date: 7/19/07   **PL:** NA   **LL:** NA   **PI:** Non-plastic
USCS Classification: (SP)(8-65)   **AASHTO Classification:** NA
Testing Remarks: Tan-lt brown medium-fine grained sand,trace gravel, trace silt.
          (SP)(8-65)- poorly graded sand per USCS classification. Suitable
          for use as fill.

Mechanical Analysis Data

	Initial	After wash
Dry sample and tare=	2644.80	2579.90
Tare =	0.00	0.00
Dry sample weight =	2644.80	2579.90
Minus #200 from wash=	2.5 %	

Tare for cumulative weight retained= .00

Sieve	Cumul. Wt. retained	Percent finer	Specification Limits, percent	Deviation, percent
1 inch	0.00	100.0		
.5 inch	113.30	95.7		
# 4	185.10	93.0		
# 10	257.70	90.3		
# 16	327.70	87.6		
# 30	693.00	73.8		
# 40	1205.90	54.4	0.0 to 70.0	
# 50	1702.80	35.6		
# 100	2300.30	13.0		
# 200	2579.90	2.5	0.0 to 15.0	

Fractional Components

Gravel/Sand based on #4
Sand/Fines based on #200
% COBBLES =   % GRAVEL = 7.0   (% coarse = 2.0   % fine = 5.0)
% SAND = 90.5   (% coarse = 2.7   % medium = 35.9   % fine = 51.9)
% FINES = 2.5

D_{85}= 0.90 D_{60}= 0.47 D_{50}= 0.39
D_{30}= 0.26 D_{15}= 0.16 D_{10}= 0.13
C_c= 1.1649 C_u= 3.6354

MUNICIPAL TESTING LABORATORY, INC.

102 New South Road, Hicksville, NY 11801 - Phone: (516) 938-7120; Fax: (516) 938-5107
7520 NW 82-4 Street, Miami, FL 33166 - Phone: (305) 884-3427; Fax: (305) 884-5085
E-mail: municipal@municipaltestinglab.com

REPORT No: __A6346__   DATE: _3/23/07_

CLIENT: ___OYSTER BAY INDUSTRIES- ATTN: JAMES___

ADDRESS: __292 DUFFY AVENUE, HICKSVILLE, NY 11801__

PROJECT: __NA__

SAMPLED BY: __CLIENT ON 3/23/07__   DELIVERED BY/DATE: __CLIENT ON 3/23/07__

SAMPLE TYPE/CONDITION: __TOP SOIL /MOIST__

TYPE TEST: __ASTM D 1140, C 136, D 2974 & D 4972__   TEST DATE: ____1/17/07____

RESULTS

SIEVES	% PASSING	NYSDOT SPEC 713-01 TOP SOIL
2"	100.0	100
¾"	100.0	-
¼"	95.7	65 - 100
#4	94.9	-
#10	90.9	-
#40	52.8	-
#200	21.9	20 - 80

ORGANIC CONTENT %	10.2	2 - 20
PH	6.8	5.5 – 7.6

NOTE: THE ABOVE TESTED MATERIAL MEETS NYSDOT 713-01 TOP SOIL
SPECIFICATION.

REVIEWED BY
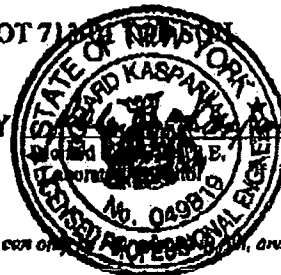
APPENDIX E

PARTICULATE AIR MONITORING DATA LOGS

```
pDR-1000 S/N: 08133
Tag Number: 01
Number of logged points: 312
Start time and date:  07:39:52 12-Jul
Elapsed time: 05:12:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.826 mg/m³
Time at maximum: 08:16:27 Jul 12
Max STEL Concentration: 0.064 mg/m³
Time at max STEL:  08:18:22 Jul 12
Overall Avg Conc: 0.006 mg/m³
Logged Data:
Point, Date  , Time    ,  Avg.(mg/m³)
     1, 12 Jul,  07:40:52,  0.018
     2, 12 Jul,  07:41:52,  0.002
     3, 12 Jul,  07:42:52,  0.065
     4, 12 Jul,  07:43:52,  0.008
     5, 12 Jul,  07:44:52,  0.007
     6, 12 Jul,  07:45:52,  0.005
     7, 12 Jul,  07:46:52,  0.006
     8, 12 Jul,  07:47:52,  0.003
     9, 12 Jul,  07:48:52,  0.003
    10, 12 Jul,  07:49:52,  0.041
    11, 12 Jul,  07:50:52,  0.001
    12, 12 Jul,  07:51:52,  0.001
    13, 12 Jul,  07:52:52,  0.001
    14, 12 Jul,  07:53:52,  0.001
    15, 12 Jul,  07:54:52,  0.011
    16, 12 Jul,  07:55:52,  0.123
    17, 12 Jul,  07:56:52,  0.025
    18, 12 Jul,  07:57:52,  0.022
    19, 12 Jul,  07:58:52,  0.009
    20, 12 Jul,  07:59:52,  0.002
    21, 12 Jul,  08:00:52,  0.003
    22, 12 Jul,  08:01:52,  0.003
    23, 12 Jul,  08:02:52,  0.004
    24, 12 Jul,  08:03:52,  0.008
    25, 12 Jul,  08:04:52,  0.126
    26, 12 Jul,  08:05:52,  0.069
    27, 12 Jul,  08:06:52,  0.044
    28, 12 Jul,  08:07:52,  0.002
    29, 12 Jul,  08:08:52,  0.029
    30, 12 Jul,  08:09:52,  0.027
    31, 12 Jul,  08:10:52,  0.020
    32, 12 Jul,  08:11:52,  0.075
    33, 12 Jul,  08:12:52,  0.146
    34, 12 Jul,  08:13:52,  0.044
    35, 12 Jul,  08:14:52,  0.021
    36, 12 Jul,  08:15:52,  0.011
    37, 12 Jul,  08:16:52,  0.225
    38, 12 Jul,  08:17:52,  0.078
    39, 12 Jul,  08:18:52,  0.061
    40, 12 Jul,  08:19:52,  0.024
    41, 12 Jul,  08:20:52,  0.014
    42, 12 Jul,  08:21:52,  0.000
    43, 12 Jul,  08:22:52,  0.000
    44, 12 Jul,  08:23:52,  0.000
    45, 12 Jul,  08:24:52,  0.002
    46, 12 Jul,  08:25:52,  0.000
    47, 12 Jul,  08:26:52,  0.000
    48, 12 Jul,  08:27:52,  0.000
    49, 12 Jul,  08:28:52,  0.000
    50, 12 Jul,  08:29:52,  0.002
    51, 12 Jul,  08:30:52,  0.001
    52, 12 Jul,  08:31:52,  0.000
    53, 12 Jul,  08:32:52,  0.000
    54, 12 Jul,  08:33:52,  0.000
    55, 12 Jul,  08:34:52,  0.000
    56, 12 Jul,  08:35:52,  0.002
    57, 12 Jul,  08:36:52,  0.000
```

Unit 1 - Upwind

```
 58, 12 Jul, 08:37:52,    0.000
 59, 12 Jul, 08:38:52,    0.002
 60, 12 Jul, 08:39:52,    0.002
 61, 12 Jul, 08:40:52,    0.001
 62, 12 Jul, 08:41:52,    0.001
 63, 12 Jul, 08:42:52,    0.001
 64, 12 Jul, 08:43:52,    0.000
 65, 12 Jul, 08:44:52,    0.000
 66, 12 Jul, 08:45:52,    0.000
 67, 12 Jul, 08:46:52,    0.000
 68, 12 Jul, 08:47:52,    0.000
 69, 12 Jul, 08:48:52,    0.000
 70, 12 Jul, 08:49:52,    0.000
 71, 12 Jul, 08:50:52,    0.002
 72, 12 Jul, 08:51:52,    0.000
 73, 12 Jul, 08:52:52,    0.000
 74, 12 Jul, 08:53:52,    0.001
 75, 12 Jul, 08:54:52,    0.000
 76, 12 Jul, 08:55:52,    0.000
 77, 12 Jul, 08:56:52,    0.000
 78, 12 Jul, 08:57:52,    0.000
 79, 12 Jul, 08:58:52,    0.000
 80, 12 Jul, 08:59:52,    0.000
 81, 12 Jul, 09:00:52,    0.001
 82, 12 Jul, 09:01:52,    0.000
 83, 12 Jul, 09:02:52,    0.000
 84, 12 Jul, 09:03:52,    0.000
 85, 12 Jul, 09:04:52,    0.000
 86, 12 Jul, 09:05:52,    0.001
 87, 12 Jul, 09:06:52,    0.000
 88, 12 Jul, 09:07:52,    0.001
 89, 12 Jul, 09:08:52,    0.000
 90, 12 Jul, 09:09:52,    0.000
 91, 12 Jul, 09:10:52,    0.001
 92, 12 Jul, 09:11:52,    0.000
 93, 12 Jul, 09:12:52,    0.000
 94, 12 Jul, 09:13:52,    0.000
 95, 12 Jul, 09:14:52,    0.000
 96, 12 Jul, 09:15:52,    0.000
 97, 12 Jul, 09:16:52,    0.000
 98, 12 Jul, 09:17:52,    0.000
 99, 12 Jul, 09:18:52,    0.001
100, 12 Jul, 09:19:52,    0.000
101, 12 Jul, 09:20:52,    0.008
102, 12 Jul, 09:21:52,    0.001
103, 12 Jul, 09:22:52,    0.001
104, 12 Jul, 09:23:52,    0.000
105, 12 Jul, 09:24:52,    0.004
106, 12 Jul, 09:25:52,    0.005
107, 12 Jul, 09:26:52,    0.000
108, 12 Jul, 09:27:52,    0.001
109, 12 Jul, 09:28:52,    0.003
110, 12 Jul, 09:29:52,    0.005
111, 12 Jul, 09:30:52,    0.003
112, 12 Jul, 09:31:52,    0.000
113, 12 Jul, 09:32:52,    0.001
114, 12 Jul, 09:33:52,    0.003
115, 12 Jul, 09:34:52,    0.007
116, 12 Jul, 09:35:52,    0.002
117, 12 Jul, 09:36:52,    0.000
118, 12 Jul, 09:37:52,    0.000
119, 12 Jul, 09:38:52,    0.003
120, 12 Jul, 09:39:52,    0.000
121, 12 Jul, 09:40:52,    0.000
122, 12 Jul, 09:41:52,    0.000
123, 12 Jul, 09:42:52,    0.000
124, 12 Jul, 09:43:52,    0.000
125, 12 Jul, 09:44:52,    0.000
126, 12 Jul, 09:45:52,    0.002
127, 12 Jul, 09:46:52,    0.002
128, 12 Jul, 09:47:52,    0.000
```

```
129,  12 Jul,  09:48:52,   0.000
130,  12 Jul,  09:49:52,   0.001
131,  12 Jul,  09:50:52,   0.001
132,  12 Jul,  09:51:52,   0.000
133,  12 Jul,  09:52:52,   0.026
134,  12 Jul,  09:53:52,   0.001
135,  12 Jul,  09:54:52,   0.002
136,  12 Jul,  09:55:52,   0.000
137,  12 Jul,  09:56:52,   0.000
138,  12 Jul,  09:57:52,   0.000
139,  12 Jul,  09:58:52,   0.000
140,  12 Jul,  09:59:52,   0.000
141,  12 Jul,  10:00:52,   0.001
142,  12 Jul,  10:01:52,   0.000
143,  12 Jul,  10:02:52,   0.000
144,  12 Jul,  10:03:52,   0.001
145,  12 Jul,  10:04:52,   0.000
146,  12 Jul,  10:05:52,   0.000
147,  12 Jul,  10:06:52,   0.001
148,  12 Jul,  10:07:52,   0.001
149,  12 Jul,  10:08:52,   0.001
150,  12 Jul,  10:09:52,   0.000
151,  12 Jul,  10:10:52,   0.001
152,  12 Jul,  10:11:52,   0.000
153,  12 Jul,  10:12:52,   0.000
154,  12 Jul,  10:13:52,   0.000
155,  12 Jul,  10:14:52,   0.000
156,  12 Jul,  10:15:52,   0.000
157,  12 Jul,  10:16:52,   0.001
158,  12 Jul,  10:17:52,   0.003
159,  12 Jul,  10:18:52,   0.004
160,  12 Jul,  10:19:52,   0.000
161,  12 Jul,  10:20:52,   0.002
162,  12 Jul,  10:21:52,   0.000
163,  12 Jul,  10:22:52,   0.000
164,  12 Jul,  10:23:52,   0.000
165,  12 Jul,  10:24:52,   0.023
166,  12 Jul,  10:25:52,   0.005
167,  12 Jul,  10:26:52,   0.000
168,  12 Jul,  10:27:52,   0.000
169,  12 Jul,  10:28:52,   0.000
170,  12 Jul,  10:29:52,   0.000
171,  12 Jul,  10:30:52,   0.000
172,  12 Jul,  10:31:52,   0.000
173,  12 Jul,  10:32:52,   0.001
174,  12 Jul,  10:33:52,   0.003
175,  12 Jul,  10:34:52,   0.000
176,  12 Jul,  10:35:52,   0.000
177,  12 Jul,  10:36:52,   0.001
178,  12 Jul,  10:37:52,   0.018
179,  12 Jul,  10:38:52,   0.018
180,  12 Jul,  10:39:52,   0.009
181,  12 Jul,  10:40:52,   0.005
182,  12 Jul,  10:41:52,   0.064
183,  12 Jul,  10:42:52,   0.015
184,  12 Jul,  10:43:52,   0.020
185,  12 Jul,  10:44:52,   0.003
186,  12 Jul,  10:45:52,   0.004
187,  12 Jul,  10:46:52,   0.052
188,  12 Jul,  10:47:52,   0.002
189,  12 Jul,  10:48:52,   0.006
190,  12 Jul,  10:49:52,   0.008
191,  12 Jul,  10:50:52,   0.000
192,  12 Jul,  10:51:52,   0.000
193,  12 Jul,  10:52:52,   0.017
194,  12 Jul,  10:53:52,   0.002
195,  12 Jul,  10:54:52,   0.002
196,  12 Jul,  10:55:52,   0.029
197,  12 Jul,  10:56:52,   0.013
198,  12 Jul,  10:57:52,   0.001
199,  12 Jul,  10:58:52,   0.001
```

```
200, 12 Jul, 10:59:52,   0.002
201, 12 Jul, 11:00:52,   0.002
202, 12 Jul, 11:01:52,   0.002
203, 12 Jul, 11:02:52,   0.018
204, 12 Jul, 11:03:52,   0.032
205, 12 Jul, 11:04:52,   0.023
206, 12 Jul, 11:05:52,   0.005
207, 12 Jul, 11:06:52,   0.006
208, 12 Jul, 11:07:52,   0.005
209, 12 Jul, 11:08:52,   0.026
210, 12 Jul, 11:09:52,   0.015
211, 12 Jul, 11:10:52,   0.003
212, 12 Jul, 11:11:52,   0.044
213, 12 Jul, 11:12:52,   0.015
214, 12 Jul, 11:13:52,   0.001
215, 12 Jul, 11:14:52,   0.140
216, 12 Jul, 11:15:52,   0.037
217, 12 Jul, 11:16:52,   0.016
218, 12 Jul, 11:17:52,   0.005
219, 12 Jul, 11:18:52,   0.018
220, 12 Jul, 11:19:52,   0.028
221, 12 Jul, 11:20:52,   0.005
222, 12 Jul, 11:21:52,   0.004
223, 12 Jul, 11:22:52,   0.010
224, 12 Jul, 11:23:52,   0.013
225, 12 Jul, 11:24:52,   0.002
226, 12 Jul, 11:25:52,   0.000
227, 12 Jul, 11:26:52,   0.000
228, 12 Jul, 11:27:52,   0.000
229, 12 Jul, 11:28:52,   0.000
230, 12 Jul, 11:29:52,   0.001
231, 12 Jul, 11:30:52,   0.000
232, 12 Jul, 11:31:52,   0.001
233, 12 Jul, 11:32:52,   0.036
234, 12 Jul, 11:33:52,   0.002
235, 12 Jul, 11:34:52,   0.002
236, 12 Jul, 11:35:52,   0.003
237, 12 Jul, 11:36:52,   0.000
238, 12 Jul, 11:37:52,   0.002
239, 12 Jul, 11:38:52,   0.002
240, 12 Jul, 11:39:52,   0.001
241, 12 Jul, 11:40:52,   0.001
242, 12 Jul, 11:41:52,   0.008
243, 12 Jul, 11:42:52,   0.001
244, 12 Jul, 11:43:52,   0.001
245, 12 Jul, 11:44:52,   0.002
246, 12 Jul, 11:45:52,   0.001
247, 12 Jul, 11:46:52,   0.015
248, 12 Jul, 11:47:52,   0.006
249, 12 Jul, 11:48:52,   0.002
250, 12 Jul, 11:49:52,   0.003
251, 12 Jul, 11:50:52,   0.018
252, 12 Jul, 11:51:52,   0.004
253, 12 Jul, 11:52:52,   0.006
254, 12 Jul, 11:53:52,   0.006
255, 12 Jul, 11:54:52,   0.007
256, 12 Jul, 11:55:52,   0.020
257, 12 Jul, 11:56:52,   0.009
258, 12 Jul, 11:57:52,   0.017
259, 12 Jul, 11:58:52,   0.009
260, 12 Jul, 11:59:52,   0.001
261, 12 Jul, 12:00:52,   0.004
262, 12 Jul, 12:01:52,   0.000
263, 12 Jul, 12:02:52,   0.007
264, 12 Jul, 12:03:52,   0.000
265, 12 Jul, 12:04:52,   0.012
266, 12 Jul, 12:05:52,   0.046
267, 12 Jul, 12:06:52,   0.005
268, 12 Jul, 12:07:52,   0.002
269, 12 Jul, 12:08:52,   0.003
270, 12 Jul, 12:09:52,   0.058
```

```
271, 12 Jul, 12:10:52,    0.012
272, 12 Jul, 12:11:52,    0.031
273, 12 Jul, 12:12:52,    0.026
274, 12 Jul, 12:13:52,    0.001
275, 12 Jul, 12:14:52,    0.002
276, 12 Jul, 12:15:52,    0.000
277, 12 Jul, 12:16:52,    0.001
278, 12 Jul, 12:17:52,    0.000
279, 12 Jul, 12:18:52,    0.000
280, 12 Jul, 12:19:52,    0.002
281, 12 Jul, 12:20:52,    0.001
282, 12 Jul, 12:21:52,    0.001
283, 12 Jul, 12:22:52,    0.003
284, 12 Jul, 12:23:52,    0.006
285, 12 Jul, 12:24:52,    0.006
286, 12 Jul, 12:25:52,    0.000
287, 12 Jul, 12:26:52,    0.001
288, 12 Jul, 12:27:52,    0.001
289, 12 Jul, 12:28:52,    0.000
290, 12 Jul, 12:29:52,    0.000
291, 12 Jul, 12:30:52,    0.000
292, 12 Jul, 12:31:52,    0.000
293, 12 Jul, 12:32:52,    0.000
294, 12 Jul, 12:33:52,    0.001
295, 12 Jul, 12:34:52,    0.000
296, 12 Jul, 12:35:52,    0.001
297, 12 Jul, 12:36:52,    0.000
298, 12 Jul, 12:37:52,    0.001
299, 12 Jul, 12:38:52,    0.002
300, 12 Jul, 12:39:52,    0.000
301, 12 Jul, 12:40:52,    0.000
302, 12 Jul, 12:41:52,    0.000
303, 12 Jul, 12:42:52,    0.000
304, 12 Jul, 12:43:52,    0.000
305, 12 Jul, 12:44:52,    0.000
306, 12 Jul, 12:45:52,    0.000
307, 12 Jul, 12:46:52,    0.000
308, 12 Jul, 12:47:52,    0.005
309, 12 Jul, 12:48:52,    0.000
310, 12 Jul, 12:49:52,    0.000
311, 12 Jul, 12:50:52,    0.000
312, 12 Jul, 12:51:52,    0.001
```

```
pDR-1000 S/N: 08133
Tag Number: 02
Number of logged points: 331
Start time and date:  07:39:59 12-Jul
Elapsed time: 05:31:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.588 mg/m³
Time at maximum: 07:55:23 Jul 12
Max STEL Concentration: 0.035 mg/m³
Time at max STEL:  08:14:29 Jul 12
Overall Avg Conc: 0.009 mg/m³
Logged Data:
Point, Date , Time    , Avg (mg/m³)
   1, 12 Jul, 07:40:59,  0.017
   2, 12 Jul, 07:41:59,  0.004
   3, 12 Jul, 07:42:59,  0.054
   4, 12 Jul, 07:43:59,  0.012
   5, 12 Jul, 07:44:59,  0.004
   6, 12 Jul, 07:45:59,  0.010
   7, 12 Jul, 07:46:59,  0.004
   8, 12 Jul, 07:47:59,  0.004
   9, 12 Jul, 07:48:59,  0.005
  10, 12 Jul, 07:49:59,  0.034
  11, 12 Jul, 07:50:59,  0.006
  12, 12 Jul, 07:51:59,  0.001
  13, 12 Jul, 07:52:59,  0.003
  14, 12 Jul, 07:53:59,  0.002
  15, 12 Jul, 07:54:59,  0.008
  16, 12 Jul, 07:55:59,  0.105
  17, 12 Jul, 07:56:59,  0.011
  18, 12 Jul, 07:57:59,  0.028
  19, 12 Jul, 07:58:59,  0.014
  20, 12 Jul, 07:59:59,  0.002
  21, 12 Jul, 08:00:59,  0.003
  22, 12 Jul, 08:01:59,  0.001
  23, 12 Jul, 08:02:59,  0.007
  24, 12 Jul, 08:03:59,  0.009
  25, 12 Jul, 08:04:59,  0.079
  26, 12 Jul, 08:05:59,  0.067
  27, 12 Jul, 08:06:59,  0.051
  28, 12 Jul, 08:07:59,  0.004
  29, 12 Jul, 08:08:59,  0.032
  30, 12 Jul, 08:09:59,  0.014
  31, 12 Jul, 08:10:59,  0.029
  32, 12 Jul, 08:11:59,  0.056
  33, 12 Jul, 08:12:59,  0.119
  34, 12 Jul, 08:13:59,  0.039
  35, 12 Jul, 08:14:59,  0.016
  36, 12 Jul, 08:15:59,  0.003
  37, 12 Jul, 08:16:59,  0.002
  38, 12 Jul, 08:17:59,  0.002
  39, 12 Jul, 08:18:59,  0.003
  40, 12 Jul, 08:19:59,  0.002
  41, 12 Jul, 08:20:59,  0.003
  42, 12 Jul, 08:21:59,  0.005
  43, 12 Jul, 08:22:59,  0.003
  44, 12 Jul, 08:23:59,  0.002
  45, 12 Jul, 08:24:59,  0.003
  46, 12 Jul, 08:25:59,  0.002
  47, 12 Jul, 08:26:59,  0.002
  48, 12 Jul, 08:27:59,  0.004
  49, 12 Jul, 08:28:59,  0.004
  50, 12 Jul, 08:29:59,  0.003
  51, 12 Jul, 08:30:59,  0.004
  52, 12 Jul, 08:31:59,  0.004
  53, 12 Jul, 08:32:59,  0.003
  54, 12 Jul, 08:33:59,  0.004
  55, 12 Jul, 08:34:59,  0.004
  56, 12 Jul, 08:35:59,  0.002
  57, 12 Jul, 08:36:59,  0.004
```

UNIT 2 - Downwind

```
58, 12 Jul, 08:37:59,  0.004
59, 12 Jul, 08:38:59,  0.004
60, 12 Jul, 08:39:59,  0.004
61, 12 Jul, 08:40:59,  0.006
62, 12 Jul, 08:41:59,  0.004
63, 12 Jul, 08:42:59,  0.003
64, 12 Jul, 08:43:59,  0.003
65, 12 Jul, 08:44:59,  0.005
66, 12 Jul, 08:45:59,  0.003
67, 12 Jul, 08:46:59,  0.004
68, 12 Jul, 08:47:59,  0.003
69, 12 Jul, 08:48:59,  0.004
70, 12 Jul, 08:49:59,  0.004
71, 12 Jul, 08:50:59,  0.003
72, 12 Jul, 08:51:59,  0.004
73, 12 Jul, 08:52:59,  0.004
74, 12 Jul, 08:53:59,  0.004
75, 12 Jul, 08:54:59,  0.004
76, 12 Jul, 08:55:59,  0.004
77, 12 Jul, 08:56:59,  0.003
78, 12 Jul, 08:57:59,  0.004
79, 12 Jul, 08:58:59,  0.004
80, 12 Jul, 08:59:59,  0.004
81, 12 Jul, 09:00:59,  0.004
82, 12 Jul, 09:01:59,  0.003
83, 12 Jul, 09:02:59,  0.003
84, 12 Jul, 09:03:59,  0.006
85, 12 Jul, 09:04:59,  0.004
86, 12 Jul, 09:05:59,  0.004
87, 12 Jul, 09:06:59,  0.003
88, 12 Jul, 09:07:59,  0.005
89, 12 Jul, 09:08:59,  0.004
90, 12 Jul, 09:09:59,  0.004
91, 12 Jul, 09:10:59,  0.003
92, 12 Jul, 09:11:59,  0.003
93, 12 Jul, 09:12:59,  0.004
94, 12 Jul, 09:13:59,  0.003
95, 12 Jul, 09:14:59,  0.004
96, 12 Jul, 09:15:59,  0.004
97, 12 Jul, 09:16:59,  0.004
98, 12 Jul, 09:17:59,  0.003
99, 12 Jul, 09:18:59,  0.004
100, 12 Jul, 09:19:59,  0.005
101, 12 Jul, 09:20:59,  0.005
102, 12 Jul, 09:21:59,  0.003
103, 12 Jul, 09:22:59,  0.008
104, 12 Jul, 09:23:59,  0.005
105, 12 Jul, 09:24:59,  0.004
106, 12 Jul, 09:25:59,  0.004
107, 12 Jul, 09:26:59,  0.005
108, 12 Jul, 09:27:59,  0.004
109, 12 Jul, 09:28:59,  0.004
110, 12 Jul, 09:29:59,  0.005
111, 12 Jul, 09:30:59,  0.004
112, 12 Jul, 09:31:59,  0.004
113, 12 Jul, 09:32:59,  0.005
114, 12 Jul, 09:33:59,  0.003
115, 12 Jul, 09:34:59,  0.003
116, 12 Jul, 09:35:59,  0.014
117, 12 Jul, 09:36:59,  0.004
118, 12 Jul, 09:37:59,  0.006
119, 12 Jul, 09:38:59,  0.004
120, 12 Jul, 09:39:59,  0.004
121, 12 Jul, 09:40:59,  0.003
122, 12 Jul, 09:41:59,  0.004
123, 12 Jul, 09:42:59,  0.006
124, 12 Jul, 09:43:59,  0.004
125, 12 Jul, 09:44:59,  0.005
126, 12 Jul, 09:45:59,  0.005
127, 12 Jul, 09:46:59,  0.006
128, 12 Jul, 09:47:59,  0.005
```

```
129, 12 Jul, 09:48:59,    0.005
130, 12 Jul, 09:49:59,    0.005
131, 12 Jul, 09:50:59,    0.005
132, 12 Jul, 09:51:59,    0.006
133, 12 Jul, 09:52:59,    0.005
134, 12 Jul, 09:53:59,    0.005
135, 12 Jul, 09:54:59,    0.006
136, 12 Jul, 09:55:59,    0.005
137, 12 Jul, 09:56:59,    0.006
138, 12 Jul, 09:57:59,    0.004
139, 12 Jul, 09:58:59,    0.005
140, 12 Jul, 09:59:59,    0.005
141, 12 Jul, 10:00:59,    0.005
142, 12 Jul, 10:01:59,    0.005
143, 12 Jul, 10:02:59,    0.006
144, 12 Jul, 10:03:59,    0.006
145, 12 Jul, 10:04:59,    0.006
146, 12 Jul, 10:05:59,    0.006
147, 12 Jul, 10:06:59,    0.006
148, 12 Jul, 10:07:59,    0.007
149, 12 Jul, 10:08:59,    0.007
150, 12 Jul, 10:09:59,    0.028
151, 12 Jul, 10:10:59,    0.011
152, 12 Jul, 10:11:59,    0.009
153, 12 Jul, 10:12:59,    0.009
154, 12 Jul, 10:13:59,    0.007
155, 12 Jul, 10:14:59,    0.005
156, 12 Jul, 10:15:59,    0.007
157, 12 Jul, 10:16:59,    0.007
158, 12 Jul, 10:17:59,    0.006
159, 12 Jul, 10:18:59,    0.005
160, 12 Jul, 10:19:59,    0.006
161, 12 Jul, 10:20:59,    0.006
162, 12 Jul, 10:21:59,    0.007
163, 12 Jul, 10:22:59,    0.006
164, 12 Jul, 10:23:59,    0.006
165, 12 Jul, 10:24:59,    0.007
166, 12 Jul, 10:25:59,    0.008
167, 12 Jul, 10:26:59,    0.006
168, 12 Jul, 10:27:59,    0.008
169, 12 Jul, 10:28:59,    0.008
170, 12 Jul, 10:29:59,    0.006
171, 12 Jul, 10:30:59,    0.007
172, 12 Jul, 10:31:59,    0.008
173, 12 Jul, 10:32:59,    0.006
174, 12 Jul, 10:33:59,    0.007
175, 12 Jul, 10:34:59,    0.007
176, 12 Jul, 10:35:59,    0.008
177, 12 Jul, 10:36:59,    0.006
178, 12 Jul, 10:37:59,    0.008
179, 12 Jul, 10:38:59,    0.007
180, 12 Jul, 10:39:59,    0.007
181, 12 Jul, 10:40:59,    0.007
182, 12 Jul, 10:41:59,    0.007
183, 12 Jul, 10:42:59,    0.008
184, 12 Jul, 10:43:59,    0.007
185, 12 Jul, 10:44:59,    0.006
186, 12 Jul, 10:45:59,    0.008
187, 12 Jul, 10:46:59,    0.008
188, 12 Jul, 10:47:59,    0.007
189, 12 Jul, 10:48:59,    0.006
190, 12 Jul, 10:49:59,    0.008
191, 12 Jul, 10:50:59,    0.007
192, 12 Jul, 10:51:59,    0.007
193, 12 Jul, 10:52:59,    0.007
194, 12 Jul, 10:53:59,    0.008
195, 12 Jul, 10:54:59,    0.008
196, 12 Jul, 10:55:59,    0.008
197, 12 Jul, 10:56:59,    0.008
198, 12 Jul, 10:57:59,    0.007
199, 12 Jul, 10:58:59,    0.007
```

```
200, 12 Jul, 10:59:59,   0.010
201, 12 Jul, 11:00:59,   0.008
202, 12 Jul, 11:01:59,   0.007
203, 12 Jul, 11:02:59,   0.007
204, 12 Jul, 11:03:59,   0.006
205, 12 Jul, 11:04:59,   0.007
206, 12 Jul, 11:05:59,   0.007
207, 12 Jul, 11:06:59,   0.007
208, 12 Jul, 11:07:59,   0.008
209, 12 Jul, 11:08:59,   0.007
210, 12 Jul, 11:09:59,   0.008
211, 12 Jul, 11:10:59,   0.009
212, 12 Jul, 11:11:59,   0.008
213, 12 Jul, 11:12:59,   0.008
214, 12 Jul, 11:13:59,   0.008
215, 12 Jul, 11:14:59,   0.008
216, 12 Jul, 11:15:59,   0.009
217, 12 Jul, 11:16:59,   0.007
218, 12 Jul, 11:17:59,   0.007
219, 12 Jul, 11:18:59,   0.007
220, 12 Jul, 11:19:59,   0.008
221, 12 Jul, 11:20:59,   0.008
222, 12 Jul, 11:21:59,   0.008
223, 12 Jul, 11:22:59,   0.009
224, 12 Jul, 11:23:59,   0.009
225, 12 Jul, 11:24:59,   0.009
226, 12 Jul, 11:25:59,   0.009
227, 12 Jul, 11:26:59,   0.008
228, 12 Jul, 11:27:59,   0.008
229, 12 Jul, 11:28:59,   0.009
230, 12 Jul, 11:29:59,   0.008
231, 12 Jul, 11:30:59,   0.008
232, 12 Jul, 11:31:59,   0.008
233, 12 Jul, 11:32:59,   0.008
234, 12 Jul, 11:33:59,   0.008
235, 12 Jul, 11:34:59,   0.008
236, 12 Jul, 11:35:59,   0.008
237, 12 Jul, 11:36:59,   0.008
238, 12 Jul, 11:37:59,   0.009
239, 12 Jul, 11:38:59,   0.008
240, 12 Jul, 11:39:59,   0.009
241, 12 Jul, 11:40:59,   0.008
242, 12 Jul, 11:41:59,   0.007
243, 12 Jul, 11:42:59,   0.011
244, 12 Jul, 11:43:59,   0.010
245, 12 Jul, 11:44:59,   0.008
246, 12 Jul, 11:45:59,   0.008
247, 12 Jul, 11:46:59,   0.008
248, 12 Jul, 11:47:59,   0.008
249, 12 Jul, 11:48:59,   0.008
250, 12 Jul, 11:49:59,   0.009
251, 12 Jul, 11:50:59,   0.009
252, 12 Jul, 11:51:59,   0.009
253, 12 Jul, 11:52:59,   0.010
254, 12 Jul, 11:53:59,   0.010
255, 12 Jul, 11:54:59,   0.008
256, 12 Jul, 11:55:59,   0.009
257, 12 Jul, 11:56:59,   0.009
258, 12 Jul, 11:57:59,   0.008
259, 12 Jul, 11:58:59,   0.007
260, 12 Jul, 11:59:59,   0.009
261, 12 Jul, 12:00:59,   0.010
262, 12 Jul, 12:01:59,   0.009
263, 12 Jul, 12:02:59,   0.008
264, 12 Jul, 12:03:59,   0.013
265, 12 Jul, 12:04:59,   0.009
266, 12 Jul, 12:05:59,   0.010
267, 12 Jul, 12:06:59,   0.010
268, 12 Jul, 12:07:59,   0.010
269, 12 Jul, 12:08:59,   0.010
270, 12 Jul, 12:09:59,   0.010
```

```
271, 12 Jul, 12:10:59,  0.009
272, 12 Jul, 12:11:59,  0.011
273, 12 Jul, 12:12:59,  0.010
274, 12 Jul, 12:13:59,  0.010
275, 12 Jul, 12:14:59,  0.011
276, 12 Jul, 12:15:59,  0.010
277, 12 Jul, 12:16:59,  0.010
278, 12 Jul, 12:17:59,  0.012
279, 12 Jul, 12:18:59,  0.010
280, 12 Jul, 12:19:59,  0.010
281, 12 Jul, 12:20:59,  0.011
282, 12 Jul, 12:21:59,  0.010
283, 12 Jul, 12:22:59,  0.010
284, 12 Jul, 12:23:59,  0.011
285, 12 Jul, 12:24:59,  0.010
286, 12 Jul, 12:25:59,  0.009
287, 12 Jul, 12:26:59,  0.012
288, 12 Jul, 12:27:59,  0.011
289, 12 Jul, 12:28:59,  0.009
290, 12 Jul, 12:29:59,  0.010
291, 12 Jul, 12:30:59,  0.009
292, 12 Jul, 12:31:59,  0.010
293, 12 Jul, 12:32:59,  0.010
294, 12 Jul, 12:33:59,  0.010
295, 12 Jul, 12:34:59,  0.010
296, 12 Jul, 12:35:59,  0.011
297, 12 Jul, 12:36:59,  0.010
298, 12 Jul, 12:37:59,  0.009
299, 12 Jul, 12:38:59,  0.009
300, 12 Jul, 12:39:59,  0.010
301, 12 Jul, 12:40:59,  0.011
302, 12 Jul, 12:41:59,  0.010
303, 12 Jul, 12:42:59,  0.008
304, 12 Jul, 12:43:59,  0.025
305, 12 Jul, 12:44:59,  0.009
306, 12 Jul, 12:45:59,  0.009
307, 12 Jul, 12:46:59,  0.009
308, 12 Jul, 12:47:59,  0.007
309, 12 Jul, 12:48:59,  0.008
310, 12 Jul, 12:49:59,  0.008
311, 12 Jul, 12:50:59,  0.023
312, 12 Jul, 12:51:59,  0.009
313, 12 Jul, 12:52:59,  0.009
314, 12 Jul, 12:53:59,  0.008
315, 12 Jul, 12:54:59,  0.010
316, 12 Jul, 12:55:59,  0.008
317, 12 Jul, 12:56:59,  0.008
318, 12 Jul, 12:57:59,  0.010
319, 12 Jul, 12:58:59,  0.008
320, 12 Jul, 12:59:59,  0.012
321, 12 Jul, 13:00:59,  0.010
322, 12 Jul, 13:01:59,  0.009
323, 12 Jul, 13:02:59,  0.008
324, 12 Jul, 13:03:59,  0.008
325, 12 Jul, 13:04:59,  0.008
326, 12 Jul, 13:05:59,  0.009
327, 12 Jul, 13:06:59,  0.007
328, 12 Jul, 13:07:59,  0.008
329, 12 Jul, 13:08:59,  0.007
330, 12 Jul, 13:09:59,  0.009
331, 12 Jul, 13:10:59,  0.014
```

pDR-1000 S/N: 08133 / Tag # 01 / Start time: Jul 12, 07:39:52
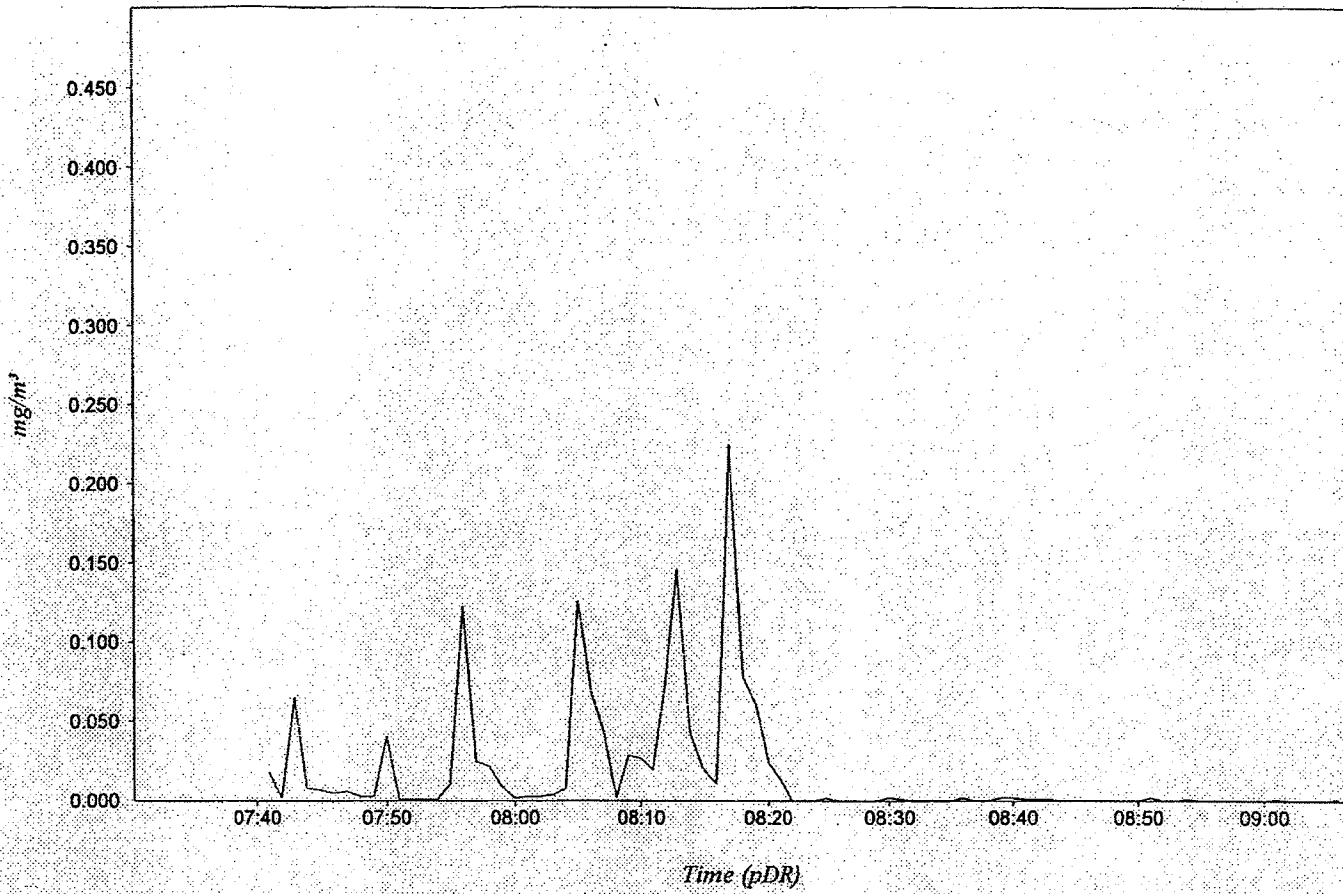
pDR-1000 S/N: 08133 / Tag # 02 / Start time: Jul 12, 07:39:59
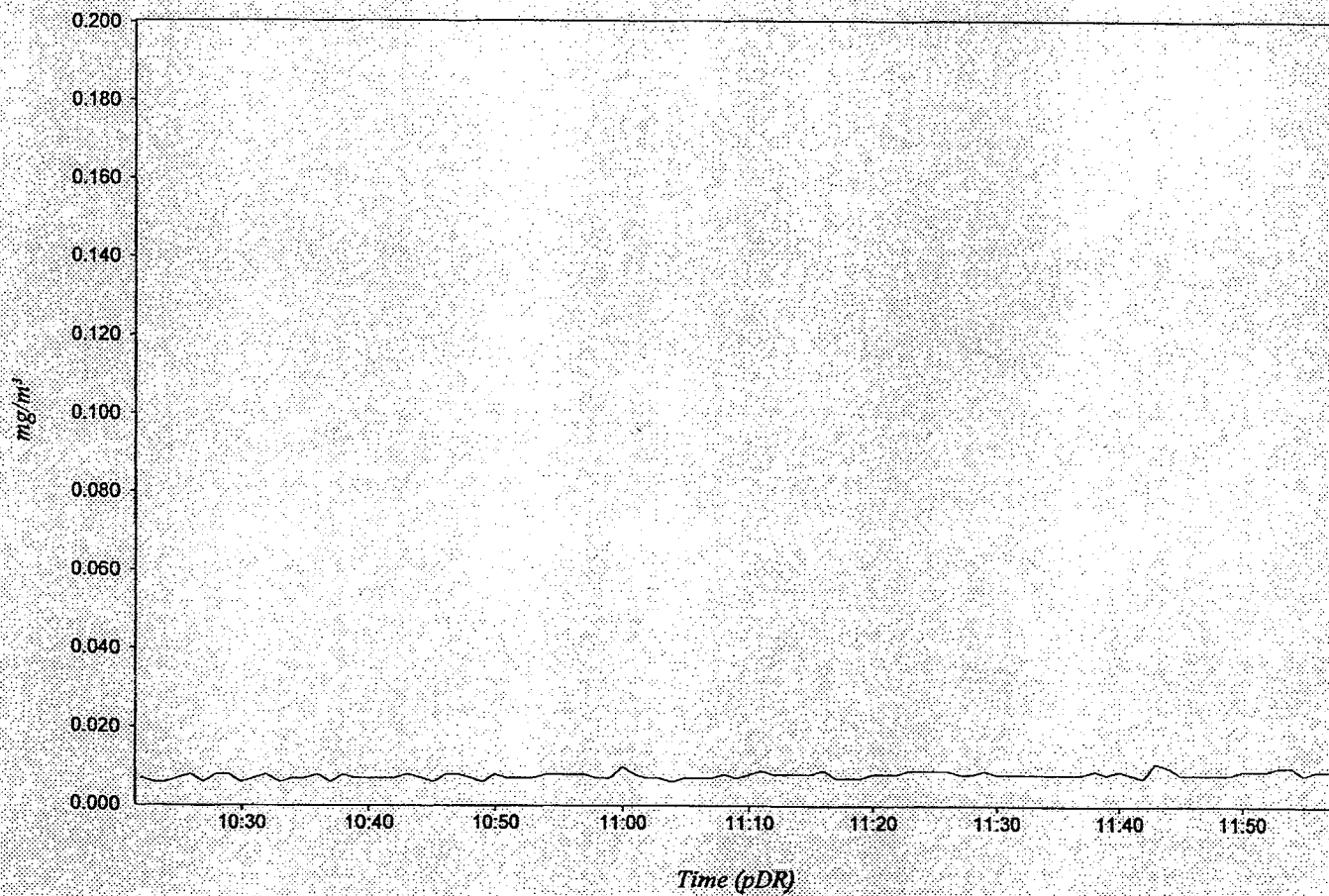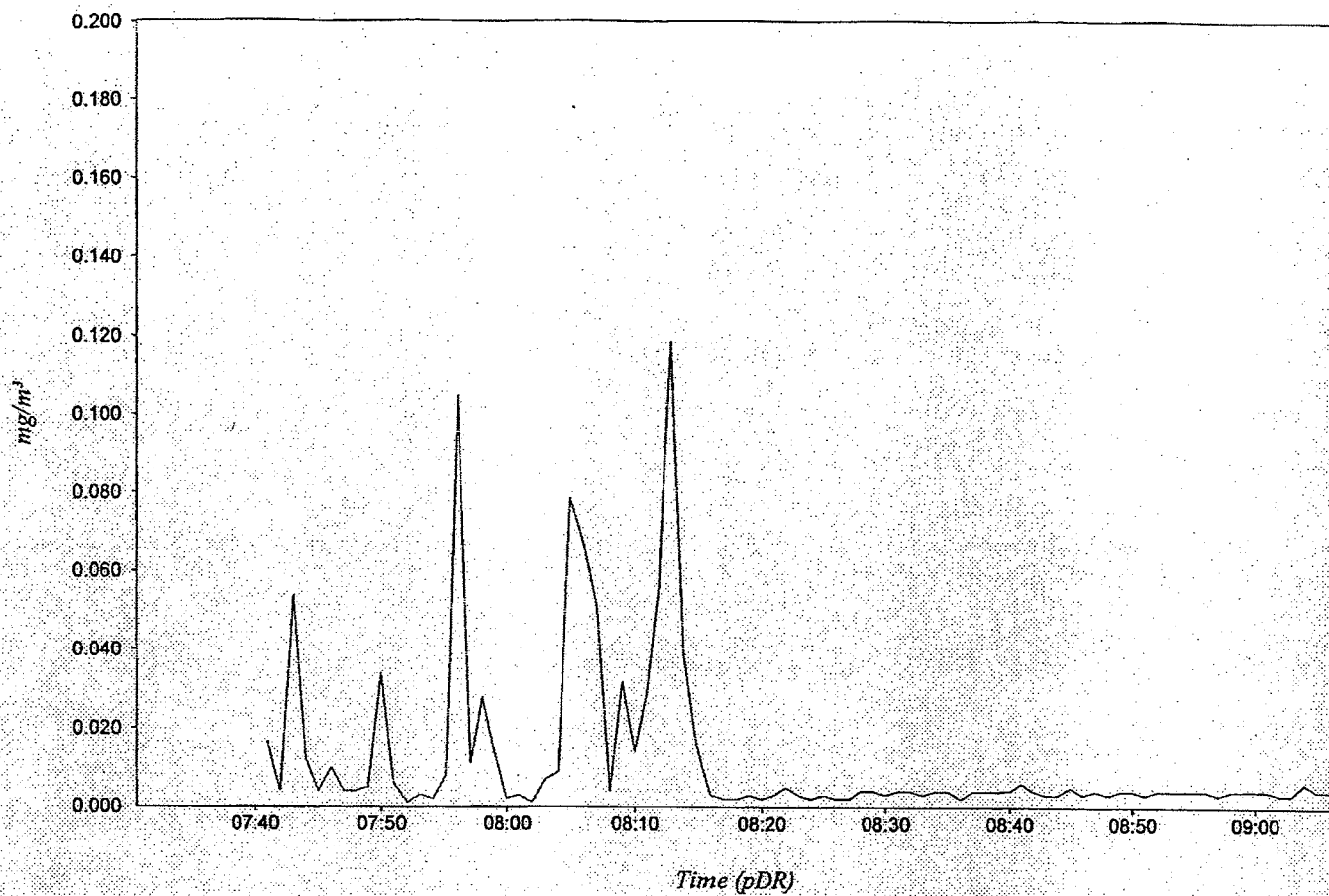
```
pDR-1000 S/N: 08155
Tag Number: 03
Number of logged points: 198
Start time and date:  10:21:54 17-Jul
Elapsed time: 03:18:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.115 mg/m³
Time at maximum: 10:53:57 Jul 17
Max STEL Concentration: 0.027 mg/m³
Time at max STEL:  13:29:24 Jul 17
Overall Avg Conc: 0.020 mg/m³
Logged Data:
Point, Date , Time     , Avg.(mg/m³)
   1, 17 Jul, 10:22:54,  0.017
   2, 17 Jul, 10:23:54,  0.018
   3, 17 Jul, 10:24:54,  0.019
   4, 17 Jul, 10:25:54,  0.017
   5, 17 Jul, 10:26:54,  0.017
   6, 17 Jul, 10:27:54,  0.018
   7, 17 Jul, 10:28:54,  0.016
   8, 17 Jul, 10:29:54,  0.018
   9, 17 Jul, 10:30:54,  0.017
  10, 17 Jul, 10:31:54,  0.017
  11, 17 Jul, 10:32:54,  0.028
  12, 17 Jul, 10:33:54,  0.020
  13, 17 Jul, 10:34:54,  0.024
  14, 17 Jul, 10:35:54,  0.031
  15, 17 Jul, 10:36:54,  0.030
  16, 17 Jul, 10:37:54,  0.033
  17, 17 Jul, 10:38:54,  0.031
  18, 17 Jul, 10:39:54,  0.021
  19, 17 Jul, 10:40:54,  0.021
  20, 17 Jul, 10:41:54,  0.017
  21, 17 Jul, 10:42:54,  0.017
  22, 17 Jul, 10:43:54,  0.018
  23, 17 Jul, 10:44:54,  0.022
  24, 17 Jul, 10:45:54,  0.018
  25, 17 Jul, 10:46:54,  0.018
  26, 17 Jul, 10:47:54,  0.028
  27, 17 Jul, 10:48:54,  0.025
  28, 17 Jul, 10:49:54,  0.030
  29, 17 Jul, 10:50:54,  0.033
  30, 17 Jul, 10:51:54,  0.025
  31, 17 Jul, 10:52:54,  0.019
  32, 17 Jul, 10:53:54,  0.034
  33, 17 Jul, 10:54:54,  0.054
  34, 17 Jul, 10:55:54,  0.025
  35, 17 Jul, 10:56:54,  0.021
  36, 17 Jul, 10:57:54,  0.017
  37, 17 Jul, 10:58:54,  0.017
  38, 17 Jul, 10:59:54,  0.014
  39, 17 Jul, 11:00:54,  0.016
  40, 17 Jul, 11:01:54,  0.017
  41, 17 Jul, 11:02:54,  0.019
  42, 17 Jul, 11:03:54,  0.017
  43, 17 Jul, 11:04:54,  0.019
  44, 17 Jul, 11:05:54,  0.016
  45, 17 Jul, 11:06:54,  0.017
  46, 17 Jul, 11:07:54,  0.017
  47, 17 Jul, 11:08:54,  0.016
  48, 17 Jul, 11:09:54,  0.016
  49, 17 Jul, 11:10:54,  0.016
  50, 17 Jul, 11:11:54,  0.017
  51, 17 Jul, 11:12:54,  0.016
  52, 17 Jul, 11:13:54,  0.017
  53, 17 Jul, 11:14:54,  0.020
  54, 17 Jul, 11:15:54,  0.019
  55, 17 Jul, 11:16:54,  0.020
  56, 17 Jul, 11:17:54,  0.019
  57, 17 Jul, 11:18:54,  0.022
```

Unit 2 - Downwind

Note: Unit 1 - not working
Upwind data not collected

```
 58, 17 Jul, 11:19:54,  0.018
 59, 17 Jul, 11:20:54,  0.016
 60, 17 Jul, 11:21:54,  0.017
 61, 17 Jul, 11:22:54,  0.018
 62, 17 Jul, 11:23:54,  0.021
 63, 17 Jul, 11:24:54,  0.019
 64, 17 Jul, 11:25:54,  0.023
 65, 17 Jul, 11:26:54,  0.021
 66, 17 Jul, 11:27:54,  0.016
 67, 17 Jul, 11:28:54,  0.019
 68, 17 Jul, 11:29:54,  0.014
 69, 17 Jul, 11:30:54,  0.017
 70, 17 Jul, 11:31:54,  0.015
 71, 17 Jul, 11:32:54,  0.018
 72, 17 Jul, 11:33:54,  0.015
 73, 17 Jul, 11:34:54,  0.014
 74, 17 Jul, 11:35:54,  0.019
 75, 17 Jul, 11:36:54,  0.016
 76, 17 Jul, 11:37:54,  0.014
 77, 17 Jul, 11:38:54,  0.015
 78, 17 Jul, 11:39:54,  0.033
 79, 17 Jul, 11:40:54,  0.031
 80, 17 Jul, 11:41:54,  0.016
 81, 17 Jul, 11:42:54,  0.031
 82, 17 Jul, 11:43:54,  0.040
 83, 17 Jul, 11:44:54,  0.029
 84, 17 Jul, 11:45:54,  0.022
 85, 17 Jul, 11:46:54,  0.015
 86, 17 Jul, 11:47:54,  0.026
 87, 17 Jul, 11:48:54,  0.016
 88, 17 Jul, 11:49:54,  0.013
 89, 17 Jul, 11:50:54,  0.015
 90, 17 Jul, 11:51:54,  0.012
 91, 17 Jul, 11:52:54,  0.013
 92, 17 Jul, 11:53:54,  0.013
 93, 17 Jul, 11:54:54,  0.011
 94, 17 Jul, 11:55:54,  0.011
 95, 17 Jul, 11:56:54,  0.012
 96, 17 Jul, 11:57:54,  0.013
 97, 17 Jul, 11:58:54,  0.012
 98, 17 Jul, 11:59:54,  0.014
 99, 17 Jul, 12:00:54,  0.014
100, 17 Jul, 12:01:54,  0.027
101, 17 Jul, 12:02:54,  0.014
102, 17 Jul, 12:03:54,  0.013
103, 17 Jul, 12:04:54,  0.018
104, 17 Jul, 12:05:54,  0.018
105, 17 Jul, 12:06:54,  0.013
106, 17 Jul, 12:07:54,  0.015
107, 17 Jul, 12:08:54,  0.016
108, 17 Jul, 12:09:54,  0.017
109, 17 Jul, 12:10:54,  0.020
110, 17 Jul, 12:11:54,  0.015
111, 17 Jul, 12:12:54,  0.014
112, 17 Jul, 12:13:54,  0.015
113, 17 Jul, 12:14:54,  0.015
114, 17 Jul, 12:15:54,  0.016
115, 17 Jul, 12:16:54,  0.016
116, 17 Jul, 12:17:54,  0.016
117, 17 Jul, 12:18:54,  0.016
118, 17 Jul, 12:19:54,  0.015
119, 17 Jul, 12:20:54,  0.015
120, 17 Jul, 12:21:54,  0.015
121, 17 Jul, 12:22:54,  0.017
122, 17 Jul, 12:23:54,  0.014
123, 17 Jul, 12:24:54,  0.015
124, 17 Jul, 12:25:54,  0.014
125, 17 Jul, 12:26:54,  0.016
126, 17 Jul, 12:27:54,  0.016
127, 17 Jul, 12:28:54,  0.015
128, 17 Jul, 12:29:54,  0.018
```

```
129, 17 Jul, 12:30:54,  0.015
130, 17 Jul, 12:31:54,  0.015
131, 17 Jul, 12:32:54,  0.017
132, 17 Jul, 12:33:54,  0.016
133, 17 Jul, 12:34:54,  0.015
134, 17 Jul, 12:35:54,  0.016
135, 17 Jul, 12:36:54,  0.017
136, 17 Jul, 12:37:54,  0.018
137, 17 Jul, 12:38:54,  0.022
138, 17 Jul, 12:39:54,  0.017
139, 17 Jul, 12:40:54,  0.028
140, 17 Jul, 12:41:54,  0.027
141, 17 Jul, 12:42:54,  0.021
142, 17 Jul, 12:43:54,  0.017
143, 17 Jul, 12:44:54,  0.019
144, 17 Jul, 12:45:54,  0.021
145, 17 Jul, 12:46:54,  0.017
146, 17 Jul, 12:47:54,  0.016
147, 17 Jul, 12:48:54,  0.016
148, 17 Jul, 12:49:54,  0.015
149, 17 Jul, 12:50:54,  0.017
150, 17 Jul, 12:51:54,  0.017
151, 17 Jul, 12:52:54,  0.018
152, 17 Jul, 12:53:54,  0.016
153, 17 Jul, 12:54:54,  0.030
154, 17 Jul, 12:55:54,  0.027
155, 17 Jul, 12:56:54,  0.017
156, 17 Jul, 12:57:54,  0.017
157, 17 Jul, 12:58:54,  0.018
158, 17 Jul, 12:59:54,  0.032
159, 17 Jul, 13:00:54,  0.024
160, 17 Jul, 13:01:54,  0.022
161, 17 Jul, 13:02:54,  0.022
162, 17 Jul, 13:03:54,  0.018
163, 17 Jul, 13:04:54,  0.021
164, 17 Jul, 13:05:54,  0.018
165, 17 Jul, 13:06:54,  0.018
166, 17 Jul, 13:07:54,  0.018
167, 17 Jul, 13:08:54,  0.022
168, 17 Jul, 13:09:54,  0.017
169, 17 Jul, 13:10:54,  0.018
170, 17 Jul, 13:11:54,  0.021
171, 17 Jul, 13:12:54,  0.018
172, 17 Jul, 13:13:54,  0.019
173, 17 Jul, 13:14:54,  0.020
174, 17 Jul, 13:15:54,  0.026
175, 17 Jul, 13:16:54,  0.026
176, 17 Jul, 13:17:54,  0.027
177, 17 Jul, 13:18:54,  0.028
178, 17 Jul, 13:19:54,  0.024
179, 17 Jul, 13:20:54,  0.025
180, 17 Jul, 13:21:54,  0.026
181, 17 Jul, 13:22:54,  0.026
182, 17 Jul, 13:23:54,  0.027
183, 17 Jul, 13:24:54,  0.028
184, 17 Jul, 13:25:54,  0.029
185, 17 Jul, 13:26:54,  0.028
186, 17 Jul, 13:27:54,  0.026
187, 17 Jul, 13:28:54,  0.029
188, 17 Jul, 13:29:54,  0.030
189, 17 Jul, 13:30:54,  0.023
190, 17 Jul, 13:31:54,  0.032
191, 17 Jul, 13:32:54,  0.029
192, 17 Jul, 13:33:54,  0.025
193, 17 Jul, 13:34:54,  0.024
194, 17 Jul, 13:35:54,  0.025
195, 17 Jul, 13:36:54,  0.023
196, 17 Jul, 13:37:54,  0.020
197, 17 Jul, 13:38:54,  0.024
198, 17 Jul, 13:39:54,  0.022
```

pDR-1000 S/N: 08133
Tag Number: 05
Number of logged points: 334
Start time and date: 07:32:50 19-Jul
Elapsed time: 05:34:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.279 mg/m³
Time at maximum: 11:59:58 Jul 19
Max STEL Concentration: 0.107 mg/m³
Time at max STEL: 12:20:52 Jul 19
Overall Avg Conc: 0.079 mg/m³
Logged Data:

| Point	Date	Time	Avg.(mg/m³)
1,	19 Jul,	07:33:50,	0.033
2,	19 Jul,	07:34:50,	0.042
3,	19 Jul,	07:35:50,	0.058
4,	19 Jul,	07:36:50,	0.073
5,	19 Jul,	07:37:50,	0.063
6,	19 Jul,	07:38:50,	0.079
7,	19 Jul,	07:39:50,	0.083
8,	19 Jul,	07:40:50,	0.084
9,	19 Jul,	07:41:50,	0.079
10,	19 Jul,	07:42:50,	0.079
11,	19 Jul,	07:43:50,	0.079
12,	19 Jul,	07:44:50,	0.083
13,	19 Jul,	07:45:50,	0.080
14,	19 Jul,	07:46:50,	0.082
15,	19 Jul,	07:47:50,	0.078
16,	19 Jul,	07:48:50,	0.082
17,	19 Jul,	07:49:50,	0.079
18,	19 Jul,	07:50:50,	0.082
19,	19 Jul,	07:51:50,	0.077
20,	19 Jul,	07:52:50,	0.073
21,	19 Jul,	07:53:50,	0.079
22,	19 Jul,	07:54:50,	0.070
23,	19 Jul,	07:55:50,	0.077
24,	19 Jul,	07:56:50,	0.075
25,	19 Jul,	07:57:50,	0.079
26,	19 Jul,	07:58:50,	0.075
27,	19 Jul,	07:59:50,	0.074
28,	19 Jul,	08:00:50,	0.072
29,	19 Jul,	08:01:50,	0.070
30,	19 Jul,	08:02:50,	0.072
31,	19 Jul,	08:03:50,	0.066
32,	19 Jul,	08:04:50,	0.070
33,	19 Jul,	08:05:50,	0.081
34,	19 Jul,	08:06:50,	0.074
35,	19 Jul,	08:07:50,	0.067
36,	19 Jul,	08:08:50,	0.065
37,	19 Jul,	08:09:50,	0.063
38,	19 Jul,	08:10:50,	0.075
39,	19 Jul,	08:11:50,	0.066
40,	19 Jul,	08:12:50,	0.071
41,	19 Jul,	08:13:50,	0.071
42,	19 Jul,	08:14:50,	0.073
43,	19 Jul,	08:15:50,	0.075
44,	19 Jul,	08:16:50,	0.074
45,	19 Jul,	08:17:50,	0.069
46,	19 Jul,	08:18:50,	0.083
47,	19 Jul,	08:19:50,	0.073
48,	19 Jul,	08:20:50,	0.070
49,	19 Jul,	08:21:50,	0.067
50,	19 Jul,	08:22:50,	0.071
51,	19 Jul,	08:23:50,	0.069
52,	19 Jul,	08:24:50,	0.077
53,	19 Jul,	08:25:50,	0.071
54,	19 Jul,	08:26:50,	0.078
55,	19 Jul,	08:27:50,	0.069
56,	19 Jul,	08:28:50,	0.068
57,	19 Jul,	08:29:50,	0.067

Unit 1 - Upwind

```
 58, 19 Jul, 08:30:50,  0.072
 59, 19 Jul, 08:31:50,  0.069
 60, 19 Jul, 08:32:50,  0.069
 61, 19 Jul, 08:33:50,  0.069
 62, 19 Jul, 08:34:50,  0.070
 63, 19 Jul, 08:35:50,  0.073
 64, 19 Jul, 08:36:50,  0.074
 65, 19 Jul, 08:37:50,  0.080
 66, 19 Jul, 08:38:50,  0.074
 67, 19 Jul, 08:39:50,  0.075
 68, 19 Jul, 08:40:50,  0.072
 69, 19 Jul, 08:41:50,  0.069
 70, 19 Jul, 08:42:50,  0.070
 71, 19 Jul, 08:43:50,  0.075
 72, 19 Jul, 08:44:50,  0.072
 73, 19 Jul, 08:45:50,  0.075
 74, 19 Jul, 08:46:50,  0.073
 75, 19 Jul, 08:47:50,  0.072
 76, 19 Jul, 08:48:50,  0.073
 77, 19 Jul, 08:49:50,  0.078
 78, 19 Jul, 08:50:50,  0.072
 79, 19 Jul, 08:51:50,  0.077
 80, 19 Jul, 08:52:50,  0.077
 81, 19 Jul, 08:53:50,  0.076
 82, 19 Jul, 08:54:50,  0.074
 83, 19 Jul, 08:55:50,  0.079
 84, 19 Jul, 08:56:50,  0.076
 85, 19 Jul, 08:57:50,  0.077
 86, 19 Jul, 08:58:50,  0.076
 87, 19 Jul, 08:59:50,  0.070
 88, 19 Jul, 09:00:50,  0.078
 89, 19 Jul, 09:01:50,  0.067
 90, 19 Jul, 09:02:50,  0.072
 91, 19 Jul, 09:03:50,  0.075
 92, 19 Jul, 09:04:50,  0.073
 93, 19 Jul, 09:05:50,  0.076
 94, 19 Jul, 09:06:50,  0.072
 95, 19 Jul, 09:07:50,  0.066
 96, 19 Jul, 09:08:50,  0.064
 97, 19 Jul, 09:09:50,  0.069
 98, 19 Jul, 09:10:50,  0.069
 99, 19 Jul, 09:11:50,  0.072
100, 19 Jul, 09:12:50,  0.073
101, 19 Jul, 09:13:50,  0.072
102, 19 Jul, 09:14:50,  0.069
103, 19 Jul, 09:15:50,  0.070
104, 19 Jul, 09:16:50,  0.075
105, 19 Jul, 09:17:50,  0.075
106, 19 Jul, 09:18:50,  0.074
107, 19 Jul, 09:19:50,  0.072
108, 19 Jul, 09:20:50,  0.078
109, 19 Jul, 09:21:50,  0.074
110, 19 Jul, 09:22:50,  0.075
111, 19 Jul, 09:23:50,  0.077
112, 19 Jul, 09:24:50,  0.073
113, 19 Jul, 09:25:50,  0.071
114, 19 Jul, 09:26:50,  0.067
115, 19 Jul, 09:27:50,  0.070
116, 19 Jul, 09:28:50,  0.077
117, 19 Jul, 09:29:50,  0.067
118, 19 Jul, 09:30:50,  0.072
119, 19 Jul, 09:31:50,  0.070
120, 19 Jul, 09:32:50,  0.071
121, 19 Jul, 09:33:50,  0.072
122, 19 Jul, 09:34:50,  0.070
123, 19 Jul, 09:35:50,  0.070
124, 19 Jul, 09:36:50,  0.066
125, 19 Jul, 09:37:50,  0.063
126, 19 Jul, 09:38:50,  0.062
127, 19 Jul, 09:39:50,  0.067
128, 19 Jul, 09:40:50,  0.065
```

```
129, 19 Jul, 09:41:50,    0.066
130, 19 Jul, 09:42:50,    0.063
131, 19 Jul, 09:43:50,    0.066
132, 19 Jul, 09:44:50,    0.067
133, 19 Jul, 09:45:50,    0.067
134, 19 Jul, 09:46:50,    0.069
135, 19 Jul, 09:47:50,    0.068
136, 19 Jul, 09:48:50,    0.067
137, 19 Jul, 09:49:50,    0.071
138, 19 Jul, 09:50:50,    0.069
139, 19 Jul, 09:51:50,    0.073
140, 19 Jul, 09:52:50,    0.072
141, 19 Jul, 09:53:50,    0.075
142, 19 Jul, 09:54:50,    0.073
143, 19 Jul, 09:55:50,    0.076
144, 19 Jul, 09:56:50,    0.074
145, 19 Jul, 09:57:50,    0.069
146, 19 Jul, 09:58:50,    0.074
147, 19 Jul, 09:59:50,    0.074
148, 19 Jul, 10:00:50,    0.080
149, 19 Jul, 10:01:50,    0.081
150, 19 Jul, 10:02:50,    0.077
151, 19 Jul, 10:03:50,    0.077
152, 19 Jul, 10:04:50,    0.086
153, 19 Jul, 10:05:50,    0.087
154, 19 Jul, 10:06:50,    0.083
155, 19 Jul, 10:07:50,    0.097
156, 19 Jul, 10:08:50,    0.082
157, 19 Jul, 10:09:50,    0.078
158, 19 Jul, 10:10:50,    0.080
159, 19 Jul, 10:11:50,    0.081
160, 19 Jul, 10:12:50,    0.082
161, 19 Jul, 10:13:50,    0.080
162, 19 Jul, 10:14:50,    0.077
163, 19 Jul, 10:15:50,    0.083
164, 19 Jul, 10:16:50,    0.083
165, 19 Jul, 10:17:50,    0.082
166, 19 Jul, 10:18:50,    0.079
167, 19 Jul, 10:19:50,    0.074
168, 19 Jul, 10:20:50,    0.076
169, 19 Jul, 10:21:50,    0.070
170, 19 Jul, 10:22:50,    0.069
171, 19 Jul, 10:23:50,    0.068
172, 19 Jul, 10:24:50,    0.067
173, 19 Jul, 10:25:50,    0.067
174, 19 Jul, 10:26:50,    0.082
175, 19 Jul, 10:27:50,    0.076
176, 19 Jul, 10:28:50,    0.070
177, 19 Jul, 10:29:50,    0.066
178, 19 Jul, 10:30:50,    0.075
179, 19 Jul, 10:31:50,    0.077
180, 19 Jul, 10:32:50,    0.071
181, 19 Jul, 10:33:50,    0.074
182, 19 Jul, 10:34:50,    0.072
183, 19 Jul, 10:35:50,    0.075
184, 19 Jul, 10:36:50,    0.073
185, 19 Jul, 10:37:50,    0.077
186, 19 Jul, 10:38:50,    0.078
187, 19 Jul, 10:39:50,    0.079
188, 19 Jul, 10:40:50,    0.074
189, 19 Jul, 10:41:50,    0.082
190, 19 Jul, 10:42:50,    0.075
191, 19 Jul, 10:43:50,    0.078
192, 19 Jul, 10:44:50,    0.077
193, 19 Jul, 10:45:50,    0.070
194, 19 Jul, 10:46:50,    0.071
195, 19 Jul, 10:47:50,    0.074
196, 19 Jul, 10:48:50,    0.081
197, 19 Jul, 10:49:50,    0.091
198, 19 Jul, 10:50:50,    0.080
199, 19 Jul, 10:51:50,    0.080
```

```
200, 19 Jul, 10:52:50,  0.084
201, 19 Jul, 10:53:50,  0.085
202, 19 Jul, 10:54:50,  0.079
203, 19 Jul, 10:55:50,  0.081
204, 19 Jul, 10:56:50,  0.082
205, 19 Jul, 10:57:50,  0.081
206, 19 Jul, 10:58:50,  0.085
207, 19 Jul, 10:59:50,  0.083
208, 19 Jul, 11:00:50,  0.093
209, 19 Jul, 11:01:50,  0.085
210, 19 Jul, 11:02:50,  0.083
211, 19 Jul, 11:03:50,  0.080
212, 19 Jul, 11:04:50,  0.085
213, 19 Jul, 11:05:50,  0.084
214, 19 Jul, 11:06:50,  0.085
215, 19 Jul, 11:07:50,  0.086
216, 19 Jul, 11:08:50,  0.092
217, 19 Jul, 11:09:50,  0.089
218, 19 Jul, 11:10:50,  0.087
219, 19 Jul, 11:11:50,  0.086
220, 19 Jul, 11:12:50,  0.086
221, 19 Jul, 11:13:50,  0.081
222, 19 Jul, 11:14:50,  0.085
223, 19 Jul, 11:15:50,  0.082
224, 19 Jul, 11:16:50,  0.084
225, 19 Jul, 11:17:50,  0.085
226, 19 Jul, 11:18:50,  0.084
227, 19 Jul, 11:19:50,  0.094
228, 19 Jul, 11:20:50,  0.086
229, 19 Jul, 11:21:50,  0.094
230, 19 Jul, 11:22:50,  0.088
231, 19 Jul, 11:23:50,  0.086
232, 19 Jul, 11:24:50,  0.091
233, 19 Jul, 11:25:50,  0.089
234, 19 Jul, 11:26:50,  0.088
235, 19 Jul, 11:27:50,  0.086
236, 19 Jul, 11:28:50,  0.082
237, 19 Jul, 11:29:50,  0.085
238, 19 Jul, 11:30:50,  0.085
239, 19 Jul, 11:31:50,  0.088
240, 19 Jul, 11:32:50,  0.082
241, 19 Jul, 11:33:50,  0.084
242, 19 Jul, 11:34:50,  0.083
243, 19 Jul, 11:35:50,  0.082
244, 19 Jul, 11:36:50,  0.088
245, 19 Jul, 11:37:50,  0.083
246, 19 Jul, 11:38:50,  0.090
247, 19 Jul, 11:39:50,  0.090
248, 19 Jul, 11:40:50,  0.095
249, 19 Jul, 11:41:50,  0.091
250, 19 Jul, 11:42:50,  0.089
251, 19 Jul, 11:43:50,  0.104
252, 19 Jul, 11:44:50,  0.089
253, 19 Jul, 11:45:50,  0.090
254, 19 Jul, 11:46:50,  0.091
255, 19 Jul, 11:47:50,  0.096
256, 19 Jul, 11:48:50,  0.097
257, 19 Jul, 11:49:50,  0.097
258, 19 Jul, 11:50:50,  0.095
259, 19 Jul, 11:51:50,  0.096
260, 19 Jul, 11:52:50,  0.098
261, 19 Jul, 11:53:50,  0.097
262, 19 Jul, 11:54:50,  0.103
263, 19 Jul, 11:55:50,  0.100
264, 19 Jul, 11:56:50,  0.099
265, 19 Jul, 11:57:50,  0.100
266, 19 Jul, 11:58:50,  0.102
267, 19 Jul, 11:59:50,  0.112
268, 19 Jul, 12:00:50,  0.119
269, 19 Jul, 12:01:50,  0.098
270, 19 Jul, 12:02:50,  0.100
```

```
271, 19 Jul, 12:03:50,  0.099
272, 19 Jul, 12:04:50,  0.101
273, 19 Jul, 12:05:50,  0.094
274, 19 Jul, 12:06:50,  0.098
275, 19 Jul, 12:07:50,  0.103
276, 19 Jul, 12:08:50,  0.103
277, 19 Jul, 12:09:50,  0.111
278, 19 Jul, 12:10:50,  0.106
279, 19 Jul, 12:11:50,  0.107
280, 19 Jul, 12:12:50,  0.107
281, 19 Jul, 12:13:50,  0.105
282, 19 Jul, 12:14:50,  0.107
283, 19 Jul, 12:15:50,  0.108
284, 19 Jul, 12:16:50,  0.107
285, 19 Jul, 12:17:50,  0.111
286, 19 Jul, 12:18:50,  0.109
287, 19 Jul, 12:19:50,  0.108
288, 19 Jul, 12:20:50,  0.107
289, 19 Jul, 12:21:50,  0.107
290, 19 Jul, 12:22:50,  0.104
291, 19 Jul, 12:23:50,  0.100
292, 19 Jul, 12:24:50,  0.094
293, 19 Jul, 12:25:50,  0.094
294, 19 Jul, 12:26:50,  0.094
295, 19 Jul, 12:27:50,  0.093
296, 19 Jul, 12:28:50,  0.093
297, 19 Jul, 12:29:50,  0.098
298, 19 Jul, 12:30:50,  0.092
299, 19 Jul, 12:31:50,  0.099
300, 19 Jul, 12:32:50,  0.084
301, 19 Jul, 12:33:50,  0.083
302, 19 Jul, 12:34:50,  0.081
303, 19 Jul, 12:35:50,  0.076
304, 19 Jul, 12:36:50,  0.079
305, 19 Jul, 12:37:50,  0.075
306, 19 Jul, 12:38:50,  0.076
307, 19 Jul, 12:39:50,  0.073
308, 19 Jul, 12:40:50,  0.071
309, 19 Jul, 12:41:50,  0.072
310, 19 Jul, 12:42:50,  0.068
311, 19 Jul, 12:43:50,  0.069
312, 19 Jul, 12:44:50,  0.067
313, 19 Jul, 12:45:50,  0.066
314, 19 Jul, 12:46:50,  0.067
315, 19 Jul, 12:47:50,  0.069
316, 19 Jul, 12:48:50,  0.068
317, 19 Jul, 12:49:50,  0.072
318, 19 Jul, 12:50:50,  0.074
319, 19 Jul, 12:51:50,  0.072
320, 19 Jul, 12:52:50,  0.077
321, 19 Jul, 12:53:50,  0.074
322, 19 Jul, 12:54:50,  0.074
323, 19 Jul, 12:55:50,  0.073
324, 19 Jul, 12:56:50,  0.075
325, 19 Jul, 12:57:50,  0.076
326, 19 Jul, 12:58:50,  0.077
327, 19 Jul, 12:59:50,  0.077
328, 19 Jul, 13:00:50,  0.077
329, 19 Jul, 13:01:50,  0.079
330, 19 Jul, 13:02:50,  0.079
331, 19 Jul, 13:03:50,  0.079
332, 19 Jul, 13:04:50,  0.076
333, 19 Jul, 13:05:50,  0.084
334, 19 Jul, 13:06:50,  0.074
```

pDR-1000 S/N: 08133 / Tag # 05 / Start time: Jul 19, 07:32:50

pDR-1000 S/N: 08133 / Tag # 04 / Start time: Jul 19, 07:25:03
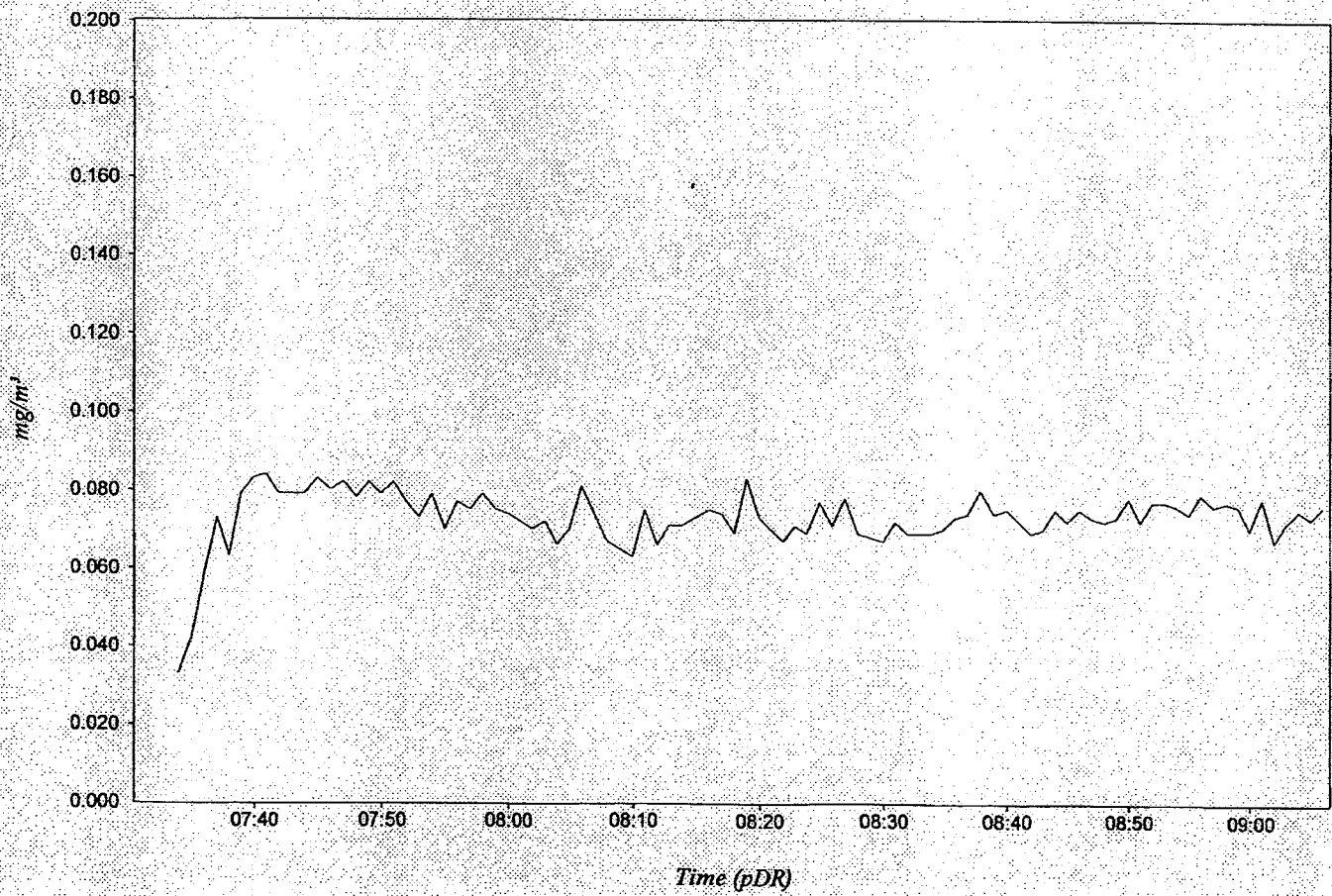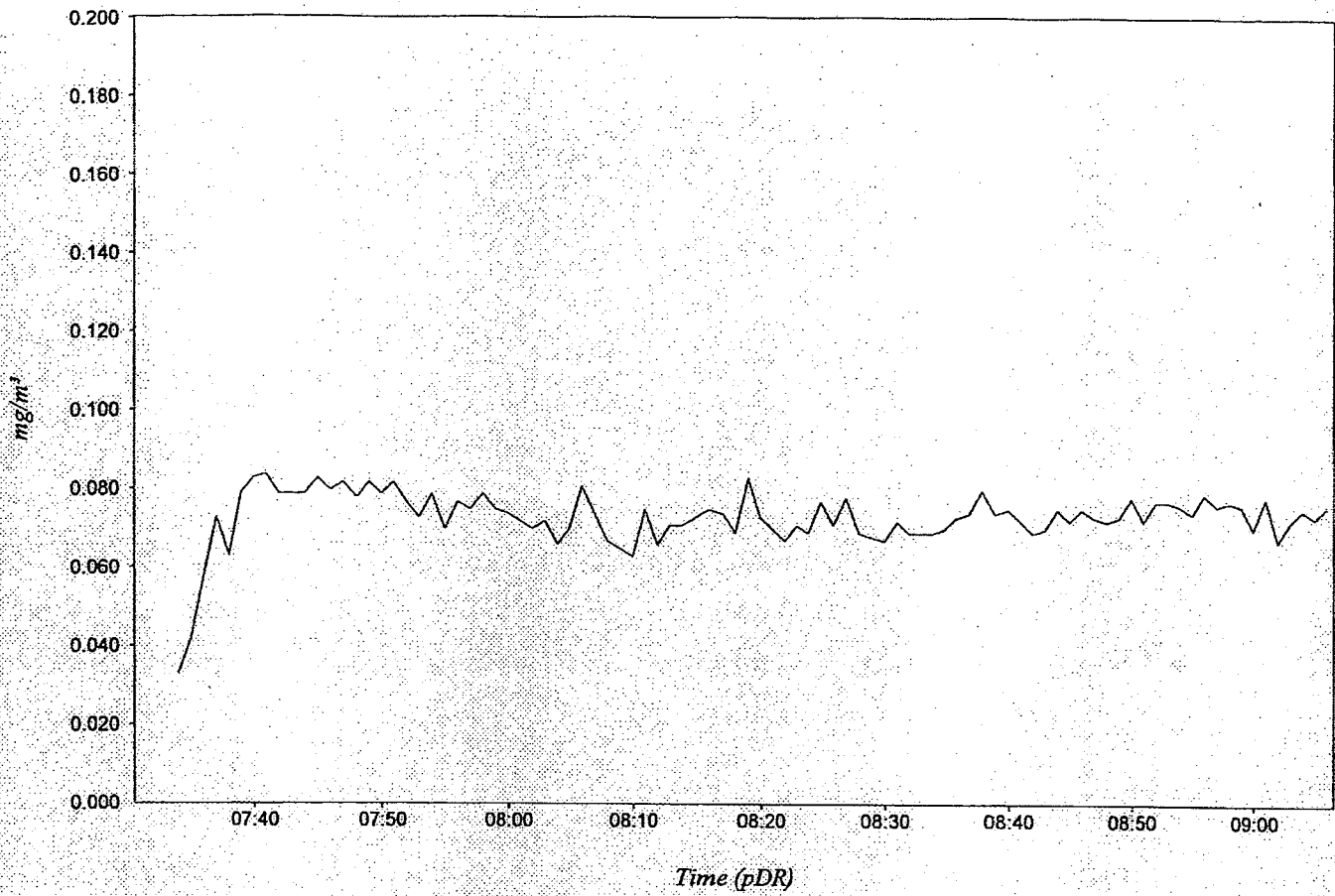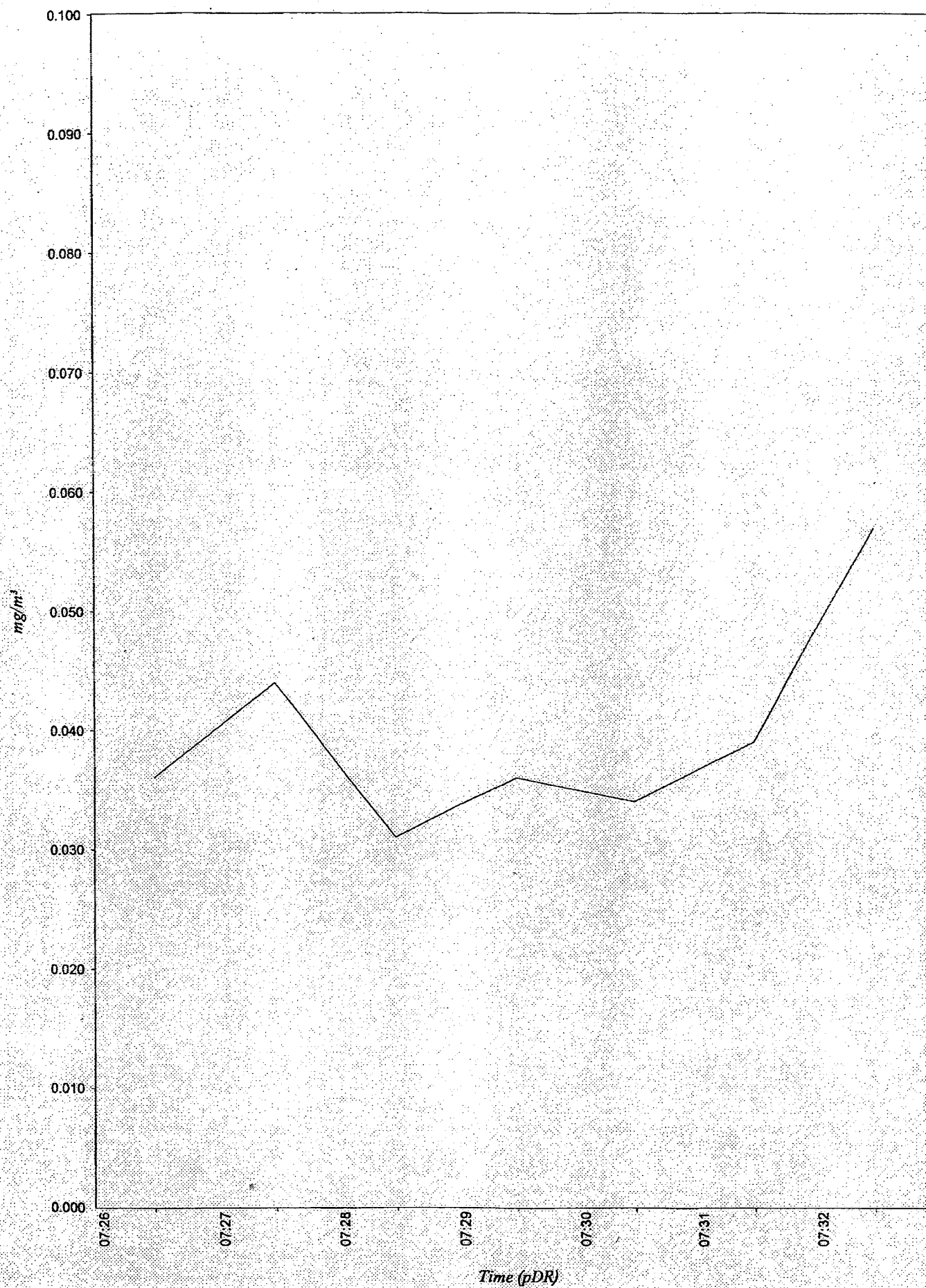
```
pDR-1000 S/N: 08133
Tag Number: 03
Number of logged points: 339
Start time and date:  07:31:09 19-Jul
Elapsed time: 05:39:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.225 mg/m³
Time at maximum: 07:46:39 Jul 19
Max STEL Concentration: 0.161 mg/m³
Time at max STEL:  12:19:10 Jul 19
Overall Avg Conc: 0.129 mg/m³
Logged Data:
Point, Date  ,  Time      ,   Avg.(mg/m³)
    1, 19 Jul, 07:32:09,   0.062
    2, 19 Jul, 07:33:09,   0.058
    3, 19 Jul, 07:34:09,   0.073
    4, 19 Jul, 07:35:09,   0.072
    5, 19 Jul, 07:36:09,   0.108
    6, 19 Jul, 07:37:09,   0.094
    7, 19 Jul, 07:38:09,   0.084
    8, 19 Jul, 07:39:09,   0.101
    9, 19 Jul, 07:40:09,   0.081
   10, 19 Jul, 07:41:09,   0.091
   11, 19 Jul, 07:42:09,   0.076
   12, 19 Jul, 07:43:09,   0.091
   13, 19 Jul, 07:44:09,   0.110
   14, 19 Jul, 07:45:09,   0.113
   15, 19 Jul, 07:46:09,   0.123
   16, 19 Jul, 07:47:09,   0.148
   17, 19 Jul, 07:48:09,   0.123
   18, 19 Jul, 07:49:09,   0.118
   19, 19 Jul, 07:50:09,   0.118
   20, 19 Jul, 07:51:09,   0.119
   21, 19 Jul, 07:52:09,   0.127
   22, 19 Jul, 07:53:09,   0.113
   23, 19 Jul, 07:54:09,   0.116
   24, 19 Jul, 07:55:09,   0.128
   25, 19 Jul, 07:56:09,   0.128
   26, 19 Jul, 07:57:09,   0.125
   27, 19 Jul, 07:58:09,   0.126
   28, 19 Jul, 07:59:09,   0.148
   29, 19 Jul, 08:00:09,   0.152
   30, 19 Jul, 08:01:09,   0.144
   31, 19 Jul, 08:02:09,   0.141
   32, 19 Jul, 08:03:09,   0.140
   33, 19 Jul, 08:04:09,   0.132
   34, 19 Jul, 08:05:09,   0.140
   35, 19 Jul, 08:06:09,   0.133
   36, 19 Jul, 08:07:09,   0.135
   37, 19 Jul, 08:08:09,   0.142
   38, 19 Jul, 08:09:09,   0.136
   39, 19 Jul, 08:10:09,   0.143
   40, 19 Jul, 08:11:09,   0.158
   41, 19 Jul, 08:12:09,   0.133
   42, 19 Jul, 08:13:09,   0.135
   43, 19 Jul, 08:14:09,   0.141
   44, 19 Jul, 08:15:09,   0.140
   45, 19 Jul, 08:16:09,   0.144
   46, 19 Jul, 08:17:09,   0.143
   47, 19 Jul, 08:18:09,   0.136
   48, 19 Jul, 08:19:09,   0.159
   49, 19 Jul, 08:20:09,   0.149
   50, 19 Jul, 08:21:09,   0.143
   51, 19 Jul, 08:22:09,   0.142
   52, 19 Jul, 08:23:09,   0.137
   53, 19 Jul, 08:24:09,   0.145
   54, 19 Jul, 08:25:09,   0.146
   55, 19 Jul, 08:26:09,   0.152
   56, 19 Jul, 08:27:09,   0.164
   57, 19 Jul, 08:28:09,   0.149
```

Unit 2 - Downwind

```
 58, 19 Jul, 08:29:09,    0.148
 59, 19 Jul, 08:30:09,    0.135
 60, 19 Jul, 08:31:09,    0.147
 61, 19 Jul, 08:32:09,    0.148
 62, 19 Jul, 08:33:09,    0.145
 63, 19 Jul, 08:34:09,    0.149
 64, 19 Jul, 08:35:09,    0.155
 65, 19 Jul, 08:36:09,    0.167
 66, 19 Jul, 08:37:09,    0.145
 67, 19 Jul, 08:38:09,    0.144
 68, 19 Jul, 08:39:09,    0.151
 69, 19 Jul, 08:40:09,    0.157
 70, 19 Jul, 08:41:09,    0.141
 71, 19 Jul, 08:42:09,    0.151
 72, 19 Jul, 08:43:09,    0.163
 73, 19 Jul, 08:44:09,    0.151
 74, 19 Jul, 08:45:09,    0.156
 75, 19 Jul, 08:46:09,    0.149
 76, 19 Jul, 08:47:09,    0.146
 77, 19 Jul, 08:48:09,    0.147
 78, 19 Jul, 08:49:09,    0.163
 79, 19 Jul, 08:50:09,    0.163
 80, 19 Jul, 08:51:09,    0.145
 81, 19 Jul, 08:52:09,    0.140
 82, 19 Jul, 08:53:09,    0.139
 83, 19 Jul, 08:54:09,    0.137
 84, 19 Jul, 08:55:09,    0.147
 85, 19 Jul, 08:56:09,    0.136
 86, 19 Jul, 08:57:09,    0.142
 87, 19 Jul, 08:58:09,    0.138
 88, 19 Jul, 08:59:09,    0.146
 89, 19 Jul, 09:00:09,    0.132
 90, 19 Jul, 09:01:09,    0.135
 91, 19 Jul, 09:02:09,    0.141
 92, 19 Jul, 09:03:09,    0.152
 93, 19 Jul, 09:04:09,    0.141
 94, 19 Jul, 09:05:09,    0.132
 95, 19 Jul, 09:06:09,    0.133
 96, 19 Jul, 09:07:09,    0.140
 97, 19 Jul, 09:08:09,    0.130
 98, 19 Jul, 09:09:09,    0.128
 99, 19 Jul, 09:10:09,    0.128
100, 19 Jul, 09:11:09,    0.135
101, 19 Jul, 09:12:09,    0.132
102, 19 Jul, 09:13:09,    0.128
103, 19 Jul, 09:14:09,    0.126
104, 19 Jul, 09:15:09,    0.128
105, 19 Jul, 09:16:09,    0.129
106, 19 Jul, 09:17:09,    0.126
107, 19 Jul, 09:18:09,    0.115
108, 19 Jul, 09:19:09,    0.109
109, 19 Jul, 09:20:09,    0.111
110, 19 Jul, 09:21:09,    0.112
111, 19 Jul, 09:22:09,    0.111
112, 19 Jul, 09:23:09,    0.119
113, 19 Jul, 09:24:09,    0.109
114, 19 Jul, 09:25:09,    0.112
115, 19 Jul, 09:26:09,    0.112
116, 19 Jul, 09:27:09,    0.112
117, 19 Jul, 09:28:09,    0.103
118, 19 Jul, 09:29:09,    0.103
119, 19 Jul, 09:30:09,    0.101
120, 19 Jul, 09:31:09,    0.099
121, 19 Jul, 09:32:09,    0.105
122, 19 Jul, 09:33:09,    0.105
123, 19 Jul, 09:34:09,    0.114
124, 19 Jul, 09:35:09,    0.103
125, 19 Jul, 09:36:09,    0.093
126, 19 Jul, 09:37:09,    0.104
127, 19 Jul, 09:38:09,    0.095
128, 19 Jul, 09:39:09,    0.094
```

```
129, 19 Jul, 09:40:09,  0.109
130, 19 Jul, 09:41:09,  0.097
131, 19 Jul, 09:42:09,  0.105
132, 19 Jul, 09:43:09,  0.096
133, 19 Jul, 09:44:09,  0.098
134, 19 Jul, 09:45:09,  0.092
135, 19 Jul, 09:46:09,  0.108
136, 19 Jul, 09:47:09,  0.099
137, 19 Jul, 09:48:09,  0.095
138, 19 Jul, 09:49:09,  0.097
139, 19 Jul, 09:50:09,  0.099
140, 19 Jul, 09:51:09,  0.098
141, 19 Jul, 09:52:09,  0.103
142, 19 Jul, 09:53:09,  0.097
143, 19 Jul, 09:54:09,  0.099
144, 19 Jul, 09:55:09,  0.101
145, 19 Jul, 09:56:09,  0.109
146, 19 Jul, 09:57:09,  0.109
147, 19 Jul, 09:58:09,  0.103
148, 19 Jul, 09:59:09,  0.111
149, 19 Jul, 10:00:09,  0.107
150, 19 Jul, 10:01:09,  0.109
151, 19 Jul, 10:02:09,  0.109
152, 19 Jul, 10:03:09,  0.114
153, 19 Jul, 10:04:09,  0.112
154, 19 Jul, 10:05:09,  0.114
155, 19 Jul, 10:06:09,  0.111
156, 19 Jul, 10:07:09,  0.112
157, 19 Jul, 10:08:09,  0.124
158, 19 Jul, 10:09:09,  0.126
159, 19 Jul, 10:10:09,  0.125
160, 19 Jul, 10:11:09,  0.145
161, 19 Jul, 10:12:09,  0.127
162, 19 Jul, 10:13:09,  0.117
163, 19 Jul, 10:14:09,  0.115
164, 19 Jul, 10:15:09,  0.119
165, 19 Jul, 10:16:09,  0.119
166, 19 Jul, 10:17:09,  0.114
167, 19 Jul, 10:18:09,  0.119
168, 19 Jul, 10:19:09,  0.119
169, 19 Jul, 10:20:09,  0.117
170, 19 Jul, 10:21:09,  0.117
171, 19 Jul, 10:22:09,  0.113
172, 19 Jul, 10:23:09,  0.123
173, 19 Jul, 10:24:09,  0.129
174, 19 Jul, 10:25:09,  0.113
175, 19 Jul, 10:26:09,  0.111
176, 19 Jul, 10:27:09,  0.116
177, 19 Jul, 10:28:09,  0.122
178, 19 Jul, 10:29:09,  0.115
179, 19 Jul, 10:30:09,  0.112
180, 19 Jul, 10:31:09,  0.117
181, 19 Jul, 10:32:09,  0.118
182, 19 Jul, 10:33:09,  0.113
183, 19 Jul, 10:34:09,  0.119
184, 19 Jul, 10:35:09,  0.120
185, 19 Jul, 10:36:09,  0.117
186, 19 Jul, 10:37:09,  0.118
187, 19 Jul, 10:38:09,  0.122
188, 19 Jul, 10:39:09,  0.123
189, 19 Jul, 10:40:09,  0.126
190, 19 Jul, 10:41:09,  0.124
191, 19 Jul, 10:42:09,  0.125
192, 19 Jul, 10:43:09,  0.128
193, 19 Jul, 10:44:09,  0.130
194, 19 Jul, 10:45:09,  0.126
195, 19 Jul, 10:46:09,  0.139
196, 19 Jul, 10:47:09,  0.125
197, 19 Jul, 10:48:09,  0.131
198, 19 Jul, 10:49:09,  0.128
199, 19 Jul, 10:50:09,  0.128
```

```
200, 19 Jul, 10:51:09,  0.137
201, 19 Jul, 10:52:09,  0.130
202, 19 Jul, 10:53:09,  0.127
203, 19 Jul, 10:54:09,  0.126
204, 19 Jul, 10:55:09,  0.130
205, 19 Jul, 10:56:09,  0.130
206, 19 Jul, 10:57:09,  0.126
207, 19 Jul, 10:58:09,  0.127
208, 19 Jul, 10:59:09,  0.132
209, 19 Jul, 11:00:09,  0.127
210, 19 Jul, 11:01:09,  0.129
211, 19 Jul, 11:02:09,  0.134
212, 19 Jul, 11:03:09,  0.137
213, 19 Jul, 11:04:09,  0.140
214, 19 Jul, 11:05:09,  0.140
215, 19 Jul, 11:06:09,  0.137
216, 19 Jul, 11:07:09,  0.131
217, 19 Jul, 11:08:09,  0.144
218, 19 Jul, 11:09:09,  0.147
219, 19 Jul, 11:10:09,  0.135
220, 19 Jul, 11:11:09,  0.136
221, 19 Jul, 11:12:09,  0.152
222, 19 Jul, 11:13:09,  0.136
223, 19 Jul, 11:14:09,  0.140
224, 19 Jul, 11:15:09,  0.130
225, 19 Jul, 11:16:09,  0.131
226, 19 Jul, 11:17:09,  0.137
227, 19 Jul, 11:18:09,  0.137
228, 19 Jul, 11:19:09,  0.140
229, 19 Jul, 11:20:09,  0.140
230, 19 Jul, 11:21:09,  0.142
231, 19 Jul, 11:22:09,  0.133
232, 19 Jul, 11:23:09,  0.137
233, 19 Jul, 11:24:09,  0.139
234, 19 Jul, 11:25:09,  0.131
235, 19 Jul, 11:26:09,  0.138
236, 19 Jul, 11:27:09,  0.130
237, 19 Jul, 11:28:09,  0.131
238, 19 Jul, 11:29:09,  0.127
239, 19 Jul, 11:30:09,  0.128
240, 19 Jul, 11:31:09,  0.126
241, 19 Jul, 11:32:09,  0.124
242, 19 Jul, 11:33:09,  0.121
243, 19 Jul, 11:34:09,  0.130
244, 19 Jul, 11:35:09,  0.132
245, 19 Jul, 11:36:09,  0.135
246, 19 Jul, 11:37:09,  0.132
247, 19 Jul, 11:38:09,  0.143
248, 19 Jul, 11:39:09,  0.130
249, 19 Jul, 11:40:09,  0.148
250, 19 Jul, 11:41:09,  0.139
251, 19 Jul, 11:42:09,  0.148
252, 19 Jul, 11:43:09,  0.137
253, 19 Jul, 11:44:09,  0.138
254, 19 Jul, 11:45:09,  0.141
255, 19 Jul, 11:46:09,  0.135
256, 19 Jul, 11:47:09,  0.138
257, 19 Jul, 11:48:09,  0.143
258, 19 Jul, 11:49:09,  0.140
259, 19 Jul, 11:50:09,  0.144
260, 19 Jul, 11:51:09,  0.143
261, 19 Jul, 11:52:09,  0.141
262, 19 Jul, 11:53:09,  0.141
263, 19 Jul, 11:54:09,  0.144
264, 19 Jul, 11:55:09,  0.147
265, 19 Jul, 11:56:09,  0.145
266, 19 Jul, 11:57:09,  0.150
267, 19 Jul, 11:58:09,  0.153
268, 19 Jul, 11:59:09,  0.150
269, 19 Jul, 12:00:09,  0.153
270, 19 Jul, 12:01:09,  0.152
```

```
271, 19 Jul, 12:02:09,   0.149
272, 19 Jul, 12:03:09,   0.160
273, 19 Jul, 12:04:09,   0.152
274, 19 Jul, 12:05:09,   0.158
275, 19 Jul, 12:06:09,   0.153
276, 19 Jul, 12:07:09,   0.162
277, 19 Jul, 12:08:09,   0.156
278, 19 Jul, 12:09:09,   0.157
279, 19 Jul, 12:10:09,   0.160
280, 19 Jul, 12:11:09,   0.158
281, 19 Jul, 12:12:09,   0.164
282, 19 Jul, 12:13:09,   0.161
283, 19 Jul, 12:14:09,   0.165
284, 19 Jul, 12:15:09,   0.163
285, 19 Jul, 12:16:09,   0.158
286, 19 Jul, 12:17:09,   0.168
287, 19 Jul, 12:18:09,   0.160
288, 19 Jul, 12:19:09,   0.168
289, 19 Jul, 12:20:09,   0.159
290, 19 Jul, 12:21:09,   0.153
291, 19 Jul, 12:22:09,   0.153
292, 19 Jul, 12:23:09,   0.159
293, 19 Jul, 12:24:09,   0.160
294, 19 Jul, 12:25:09,   0.159
295, 19 Jul, 12:26:09,   0.150
296, 19 Jul, 12:27:09,   0.160
297, 19 Jul, 12:28:09,   0.142
298, 19 Jul, 12:29:09,   0.145
299, 19 Jul, 12:30:09,   0.142
300, 19 Jul, 12:31:09,   0.141
301, 19 Jul, 12:32:09,   0.135
302, 19 Jul, 12:33:09,   0.134
303, 19 Jul, 12:34:09,   0.134
304, 19 Jul, 12:35:09,   0.133
305, 19 Jul, 12:36:09,   0.129
306, 19 Jul, 12:37:09,   0.117
307, 19 Jul, 12:38:09,   0.119
308, 19 Jul, 12:39:09,   0.117
309, 19 Jul, 12:40:09,   0.124
310, 19 Jul, 12:41:09,   0.114
311, 19 Jul, 12:42:09,   0.115
312, 19 Jul, 12:43:09,   0.112
313, 19 Jul, 12:44:09,   0.114
314, 19 Jul, 12:45:09,   0.111
315, 19 Jul, 12:46:09,   0.113
316, 19 Jul, 12:47:09,   0.114
317, 19 Jul, 12:48:09,   0.115
318, 19 Jul, 12:49:09,   0.111
319, 19 Jul, 12:50:09,   0.112
320, 19 Jul, 12:51:09,   0.115
321, 19 Jul, 12:52:09,   0.122
322, 19 Jul, 12:53:09,   0.118
323, 19 Jul, 12:54:09,   0.125
324, 19 Jul, 12:55:09,   0.128
325, 19 Jul, 12:56:09,   0.124
326, 19 Jul, 12:57:09,   0.120
327, 19 Jul, 12:58:09,   0.129
328, 19 Jul, 12:59:09,   0.126
329, 19 Jul, 13:00:09,   0.130
330, 19 Jul, 13:01:09,   0.123
331, 19 Jul, 13:02:09,   0.120
332, 19 Jul, 13:03:09,   0.126
333, 19 Jul, 13:04:09,   0.124
334, 19 Jul, 13:05:09,   0.137
335, 19 Jul, 13:06:09,   0.130
336, 19 Jul, 13:07:09,   0.126
337, 19 Jul, 13:08:09,   0.125
338, 19 Jul, 13:09:09,   0.121
339, 19 Jul, 13:10:09,   0.114
```
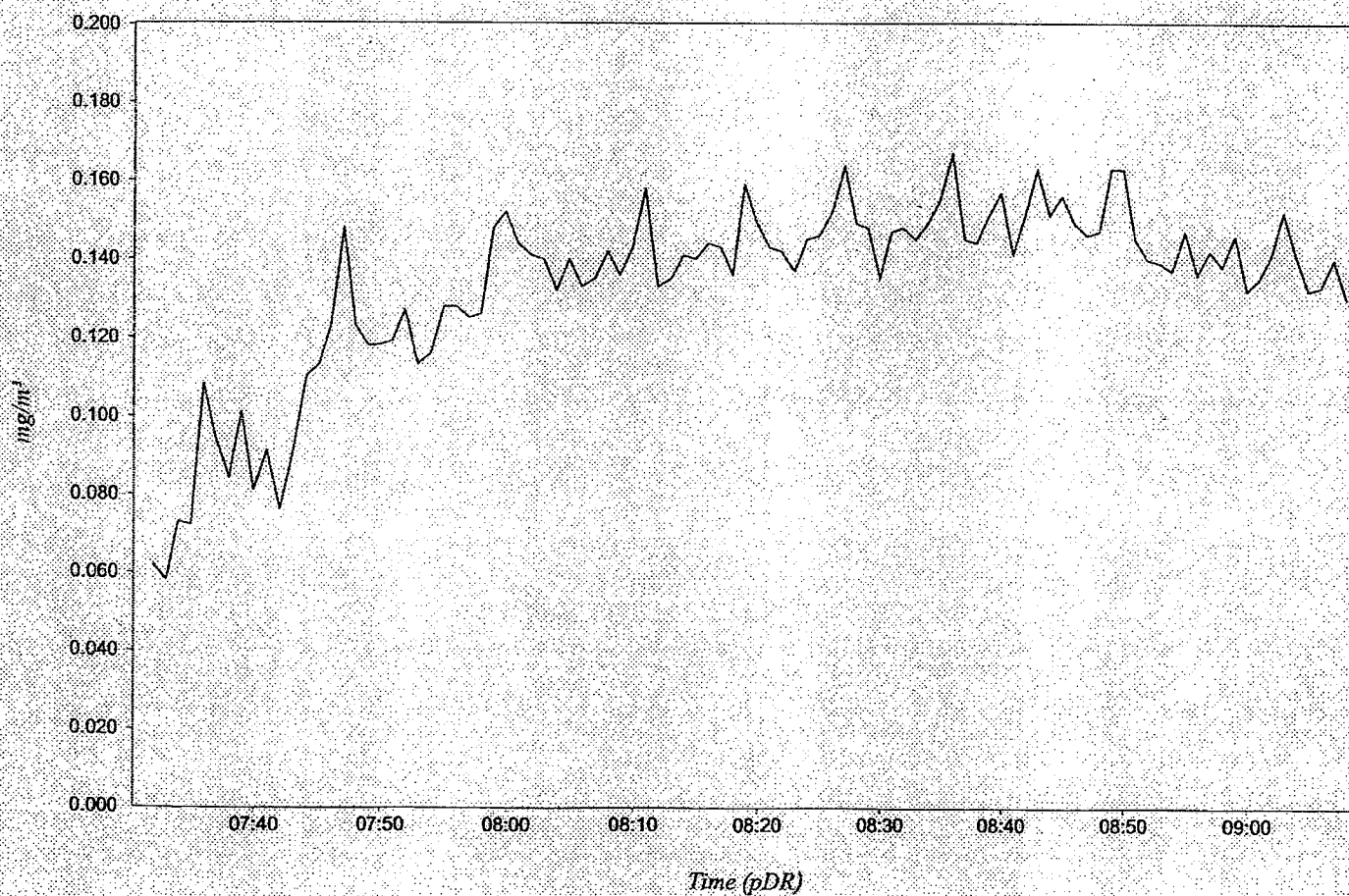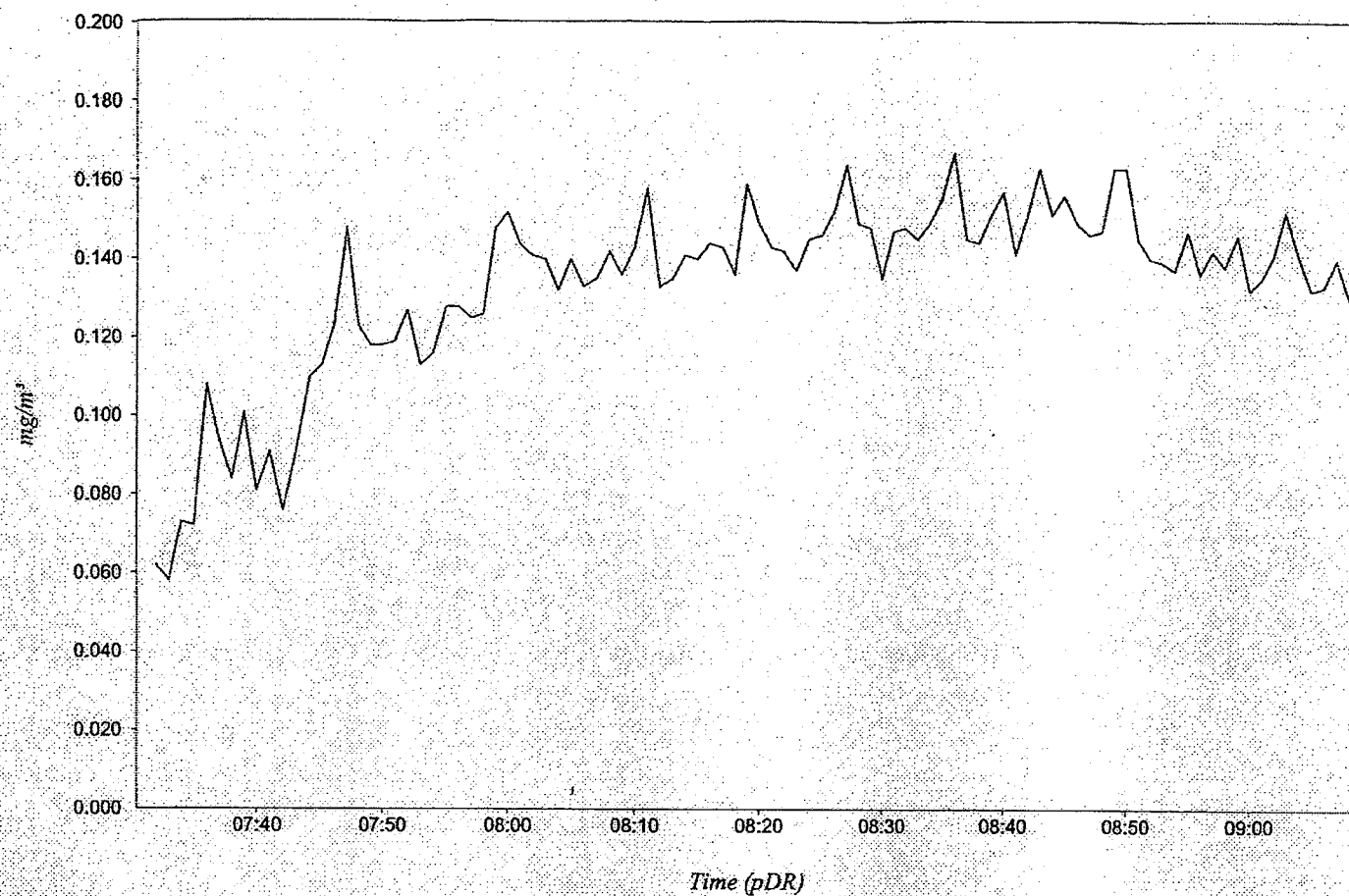
```
pDR-1000 S/N: 08133
Tag Number: 01
Number of logged points: 283
Start time and date:   07:47:33 20-Jul
Elapsed time: 04:43:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.138 mg/m³
Time at maximum: 08:53:37 Jul 20
Max STEL Concentration: 0.031 mg/m³
Time at max STEL:   08:02:33 Jul 20
Overall Avg Conc: 0.024 mg/m³
Logged Data:
Point, Date  ,  Time     ,   Avg.(mg/m³)
   1,  20 Jul,  07:48:33,   0.029
   2,  20 Jul,  07:49:33,   0.034
   3,  20 Jul,  07:50:33,   0.038
   4,  20 Jul,  07:51:33,   0.039
   5,  20 Jul,  07:52:33,   0.041
   6,  20 Jul,  07:53:33,   0.032
   7,  20 Jul,  07:54:33,   0.034
   8,  20 Jul,  07:55:33,   0.034
   9,  20 Jul,  07:56:33,   0.029
  10,  20 Jul,  07:57:33,   0.031
  11,  20 Jul,  07:58:33,   0.027
  12,  20 Jul,  07:59:33,   0.032
  13,  20 Jul,  08:00:33,   0.024
  14,  20 Jul,  08:01:33,   0.021
  15,  20 Jul,  08:02:33,   0.023
  16,  20 Jul,  08:03:33,   0.024
  17,  20 Jul,  08:04:33,   0.023
  18,  20 Jul,  08:05:33,   0.017
  19,  20 Jul,  08:06:33,   0.022
  20,  20 Jul,  08:07:33,   0.029
  21,  20 Jul,  08:08:33,   0.018
  22,  20 Jul,  08:09:33,   0.022
  23,  20 Jul,  08:10:33,   0.023
  24,  20 Jul,  08:11:33,   0.026
  25,  20 Jul,  08:12:33,   0.024
  26,  20 Jul,  08:13:33,   0.021
  27,  20 Jul,  08:14:33,   0.020
  28,  20 Jul,  08:15:33,   0.023
  29,  20 Jul,  08:16:33,   0.026
  30,  20 Jul,  08:17:33,   0.032
  31,  20 Jul,  08:18:33,   0.030
  32,  20 Jul,  08:19:33,   0.029
  33,  20 Jul,  08:20:33,   0.030
  34,  20 Jul,  08:21:33,   0.028
  35,  20 Jul,  08:22:33,   0.027
  36,  20 Jul,  08:23:33,   0.027
  37,  20 Jul,  08:24:33,   0.029
  38,  20 Jul,  08:25:33,   0.024
  39,  20 Jul,  08:26:33,   0.024
  40,  20 Jul,  08:27:33,   0.025
  41,  20 Jul,  08:28:33,   0.023
  42,  20 Jul,  08:29:33,   0.020
  43,  20 Jul,  08:30:33,   0.017
  44,  20 Jul,  08:31:33,   0.022
  45,  20 Jul,  08:32:33,   0.025
  46,  20 Jul,  08:33:33,   0.024
  47,  20 Jul,  08:34:33,   0.023
  48,  20 Jul,  08:35:33,   0.017
  49,  20 Jul,  08:36:33,   0.026
  50,  20 Jul,  08:37:33,   0.027
  51,  20 Jul,  08:38:33,   0.024
  52,  20 Jul,  08:39:33,   0.026
  53,  20 Jul,  08:40:33,   0.030
  54,  20 Jul,  08:41:33,   0.019
  55,  20 Jul,  08:42:33,   0.018
  56,  20 Jul,  08:43:33,   0.023
  57,  20 Jul,  08:44:33,   0.026
```

Unit 1 — Upwind

```
 58, 20 Jul, 08:45:33,  0.028
 59, 20 Jul, 08:46:33,  0.032
 60, 20 Jul, 08:47:33,  0.025
 61, 20 Jul, 08:48:33,  0.028
 62, 20 Jul, 08:49:33,  0.026
 63, 20 Jul, 08:50:33,  0.036
 64, 20 Jul, 08:51:33,  0.024
 65, 20 Jul, 08:52:33,  0.024
 66, 20 Jul, 08:53:33,  0.033
 67, 20 Jul, 08:54:33,  0.032
 68, 20 Jul, 08:55:33,  0.021
 69, 20 Jul, 08:56:33,  0.022
 70, 20 Jul, 08:57:33,  0.019
 71, 20 Jul, 08:58:33,  0.018
 72, 20 Jul, 08:59:33,  0.023
 73, 20 Jul, 09:00:33,  0.014
 74, 20 Jul, 09:01:33,  0.015
 75, 20 Jul, 09:02:33,  0.013
 76, 20 Jul, 09:03:33,  0.015
 77, 20 Jul, 09:04:33,  0.014
 78, 20 Jul, 09:05:33,  0.014
 79, 20 Jul, 09:06:33,  0.017
 80, 20 Jul, 09:07:33,  0.014
 81, 20 Jul, 09:08:33,  0.023
 82, 20 Jul, 09:09:33,  0.019
 83, 20 Jul, 09:10:33,  0.017
 84, 20 Jul, 09:11:33,  0.017
 85, 20 Jul, 09:12:33,  0.019
 86, 20 Jul, 09:13:33,  0.029
 87, 20 Jul, 09:14:33,  0.027
 88, 20 Jul, 09:15:33,  0.033
 89, 20 Jul, 09:16:33,  0.031
 90, 20 Jul, 09:17:33,  0.031
 91, 20 Jul, 09:18:33,  0.031
 92, 20 Jul, 09:19:33,  0.031
 93, 20 Jul, 09:20:33,  0.030
 94, 20 Jul, 09:21:33,  0.030
 95, 20 Jul, 09:22:33,  0.032
 96, 20 Jul, 09:23:33,  0.030
 97, 20 Jul, 09:24:33,  0.030
 98, 20 Jul, 09:25:33,  0.029
 99, 20 Jul, 09:26:33,  0.040
100, 20 Jul, 09:27:33,  0.029
101, 20 Jul, 09:28:33,  0.029
102, 20 Jul, 09:29:33,  0.029
103, 20 Jul, 09:30:33,  0.030
104, 20 Jul, 09:31:33,  0.030
105, 20 Jul, 09:32:33,  0.027
106, 20 Jul, 09:33:33,  0.027
107, 20 Jul, 09:34:33,  0.031
108, 20 Jul, 09:35:33,  0.027
109, 20 Jul, 09:36:33,  0.028
110, 20 Jul, 09:37:33,  0.031
111, 20 Jul, 09:38:33,  0.030
112, 20 Jul, 09:39:33,  0.027
113, 20 Jul, 09:40:33,  0.028
114, 20 Jul, 09:41:33,  0.026
115, 20 Jul, 09:42:33,  0.030
116, 20 Jul, 09:43:33,  0.032
117, 20 Jul, 09:44:33,  0.028
118, 20 Jul, 09:45:33,  0.025
119, 20 Jul, 09:46:33,  0.029
120, 20 Jul, 09:47:33,  0.031
121, 20 Jul, 09:48:33,  0.032
122, 20 Jul, 09:49:33,  0.028
123, 20 Jul, 09:50:33,  0.028
124, 20 Jul, 09:51:33,  0.029
125, 20 Jul, 09:52:33,  0.027
126, 20 Jul, 09:53:33,  0.028
127, 20 Jul, 09:54:33,  0.029
128, 20 Jul, 09:55:33,  0.031
```

```
129, 20 Jul, 09:56:33,  0.029
130, 20 Jul, 09:57:33,  0.030
131, 20 Jul, 09:58:33,  0.028
132, 20 Jul, 09:59:33,  0.031
133, 20 Jul, 10:00:33,  0.028
134, 20 Jul, 10:01:33,  0.027
135, 20 Jul, 10:02:33,  0.027
136, 20 Jul, 10:03:33,  0.027
137, 20 Jul, 10:04:33,  0.027
138, 20 Jul, 10:05:33,  0.025
139, 20 Jul, 10:06:33,  0.024
140, 20 Jul, 10:07:33,  0.023
141, 20 Jul, 10:08:33,  0.025
142, 20 Jul, 10:09:33,  0.026
143, 20 Jul, 10:10:33,  0.024
144, 20 Jul, 10:11:33,  0.023
145, 20 Jul, 10:12:33,  0.030
146, 20 Jul, 10:13:33,  0.020
147, 20 Jul, 10:14:33,  0.023
148, 20 Jul, 10:15:33,  0.019
149, 20 Jul, 10:16:33,  0.020
150, 20 Jul, 10:17:33,  0.024
151, 20 Jul, 10:18:33,  0.019
152, 20 Jul, 10:19:33,  0.021
153, 20 Jul, 10:20:33,  0.022
154, 20 Jul, 10:21:33,  0.038
155, 20 Jul, 10:22:33,  0.020
156, 20 Jul, 10:23:33,  0.022
157, 20 Jul, 10:24:33,  0.021
158, 20 Jul, 10:25:33,  0.023
159, 20 Jul, 10:26:33,  0.020
160, 20 Jul, 10:27:33,  0.020
161, 20 Jul, 10:28:33,  0.020
162, 20 Jul, 10:29:33,  0.021
163, 20 Jul, 10:30:33,  0.025
164, 20 Jul, 10:31:33,  0.022
165, 20 Jul, 10:32:33,  0.020
166, 20 Jul, 10:33:33,  0.022
167, 20 Jul, 10:34:33,  0.022
168, 20 Jul, 10:35:33,  0.018
169, 20 Jul, 10:36:33,  0.020
170, 20 Jul, 10:37:33,  0.021
171, 20 Jul, 10:38:33,  0.022
172, 20 Jul, 10:39:33,  0.019
173, 20 Jul, 10:40:33,  0.024
174, 20 Jul, 10:41:33,  0.020
175, 20 Jul, 10:42:33,  0.021
176, 20 Jul, 10:43:33,  0.022
177, 20 Jul, 10:44:33,  0.020
178, 20 Jul, 10:45:33,  0.021
179, 20 Jul, 10:46:33,  0.019
180, 20 Jul, 10:47:33,  0.018
181, 20 Jul, 10:48:33,  0.020
182, 20 Jul, 10:49:33,  0.019
183, 20 Jul, 10:50:33,  0.019
184, 20 Jul, 10:51:33,  0.022
185, 20 Jul, 10:52:33,  0.026
186, 20 Jul, 10:53:33,  0.020
187, 20 Jul, 10:54:33,  0.019
188, 20 Jul, 10:55:33,  0.022
189, 20 Jul, 10:56:33,  0.019
190, 20 Jul, 10:57:33,  0.018
191, 20 Jul, 10:58:33,  0.020
192, 20 Jul, 10:59:33,  0.018
193, 20 Jul, 11:00:33,  0.020
194, 20 Jul, 11:01:33,  0.020
195, 20 Jul, 11:02:33,  0.019
196, 20 Jul, 11:03:33,  0.022
197, 20 Jul, 11:04:33,  0.021
198, 20 Jul, 11:05:33,  0.020
199, 20 Jul, 11:06:33,  0.018
```

```
200, 20 Jul, 11:07:33,  0.020
201, 20 Jul, 11:08:33,  0.020
202, 20 Jul, 11:09:33,  0.018
203, 20 Jul, 11:10:33,  0.019
204, 20 Jul, 11:11:33,  0.024
205, 20 Jul, 11:12:33,  0.019
206, 20 Jul, 11:13:33,  0.020
207, 20 Jul, 11:14:33,  0.020
208, 20 Jul, 11:15:33,  0.023
209, 20 Jul, 11:16:33,  0.023
210, 20 Jul, 11:17:33,  0.021
211, 20 Jul, 11:18:33,  0.024
212, 20 Jul, 11:19:33,  0.024
213, 20 Jul, 11:20:33,  0.024
214, 20 Jul, 11:21:33,  0.022
215, 20 Jul, 11:22:33,  0.025
216, 20 Jul, 11:23:33,  0.022
217, 20 Jul, 11:24:33,  0.021
218, 20 Jul, 11:25:33,  0.019
219, 20 Jul, 11:26:33,  0.021
220, 20 Jul, 11:27:33,  0.021
221, 20 Jul, 11:28:33,  0.021
222, 20 Jul, 11:29:33,  0.020
223, 20 Jul, 11:30:33,  0.023
224, 20 Jul, 11:31:33,  0.022
225, 20 Jul, 11:32:33,  0.022
226, 20 Jul, 11:33:33,  0.023
227, 20 Jul, 11:34:33,  0.023
228, 20 Jul, 11:35:33,  0.028
229, 20 Jul, 11:36:33,  0.022
230, 20 Jul, 11:37:33,  0.022
231, 20 Jul, 11:38:33,  0.023
232, 20 Jul, 11:39:33,  0.024
233, 20 Jul, 11:40:33,  0.022
234, 20 Jul, 11:41:33,  0.022
235, 20 Jul, 11:42:33,  0.023
236, 20 Jul, 11:43:33,  0.024
237, 20 Jul, 11:44:33,  0.023
238, 20 Jul, 11:45:33,  0.024
239, 20 Jul, 11:46:33,  0.024
240, 20 Jul, 11:47:33,  0.025
241, 20 Jul, 11:48:33,  0.023
242, 20 Jul, 11:49:33,  0.024
243, 20 Jul, 11:50:33,  0.028
244, 20 Jul, 11:51:33,  0.023
245, 20 Jul, 11:52:33,  0.029
246, 20 Jul, 11:53:33,  0.022
247, 20 Jul, 11:54:33,  0.023
248, 20 Jul, 11:55:33,  0.023
249, 20 Jul, 11:56:33,  0.022
250, 20 Jul, 11:57:33,  0.022
251, 20 Jul, 11:58:33,  0.024
252, 20 Jul, 11:59:33,  0.022
253, 20 Jul, 12:00:33,  0.026
254, 20 Jul, 12:01:33,  0.023
255, 20 Jul, 12:02:33,  0.025
256, 20 Jul, 12:03:33,  0.024
257, 20 Jul, 12:04:33,  0.021
258, 20 Jul, 12:05:33,  0.023
259, 20 Jul, 12:06:33,  0.026
260, 20 Jul, 12:07:33,  0.022
261, 20 Jul, 12:08:33,  0.023
262, 20 Jul, 12:09:33,  0.025
263, 20 Jul, 12:10:33,  0.024
264, 20 Jul, 12:11:33,  0.024
265, 20 Jul, 12:12:33,  0.023
266, 20 Jul, 12:13:33,  0.023
267, 20 Jul, 12:14:33,  0.024
268, 20 Jul, 12:15:33,  0.022
269, 20 Jul, 12:16:33,  0.025
270, 20 Jul, 12:17:33,  0.023
```

```
271, 20 Jul, 12:18:33,  0.023
272, 20 Jul, 12:19:33,  0.023
273, 20 Jul, 12:20:33,  0.024
274, 20 Jul, 12:21:33,  0.025
275, 20 Jul, 12:22:33,  0.024
276, 20 Jul, 12:23:33,  0.024
277, 20 Jul, 12:24:33,  0.024
278, 20 Jul, 12:25:33,  0.023
279, 20 Jul, 12:26:33,  0.024
280, 20 Jul, 12:27:33,  0.024
281, 20 Jul, 12:28:33,  0.023
282, 20 Jul, 12:29:33,  0.026
283, 20 Jul, 12:30:33,  0.025
```

pDR-1000 S/N: 08133 / Tag # 01 / Start time: Jul 20, 07:47:33
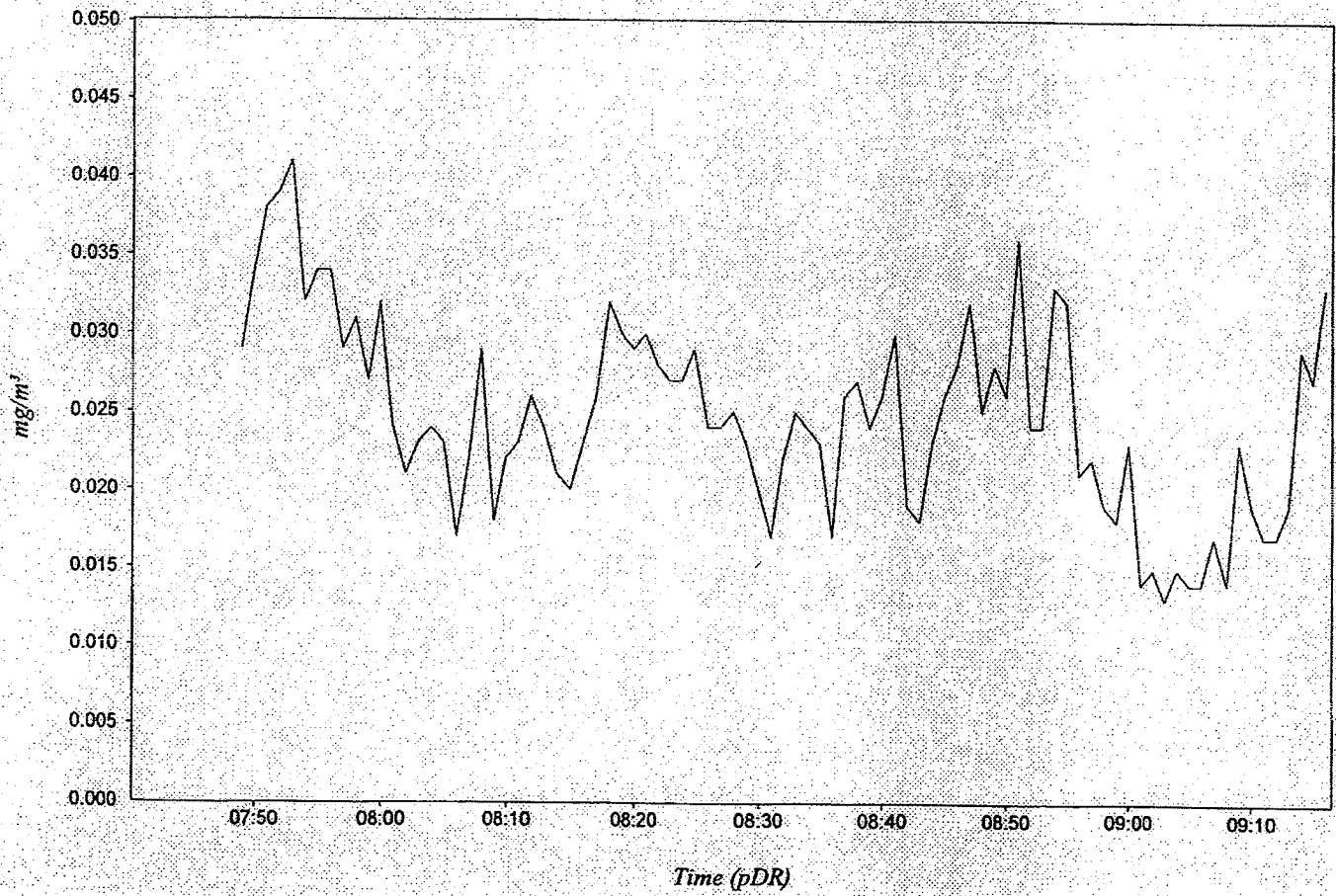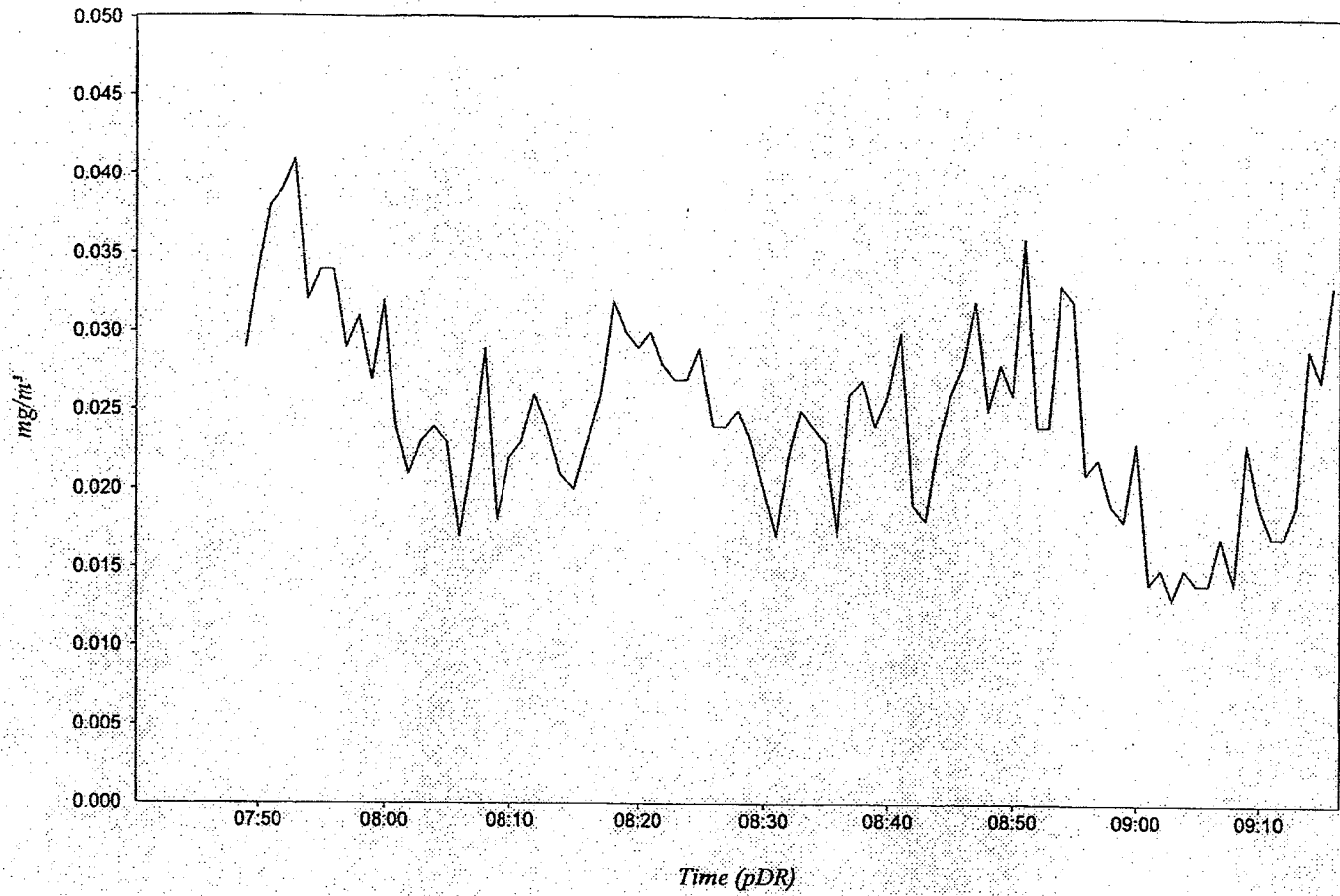
```
pDR-1000 S/N: 08133
Tag Number: 01
Number of logged points: 289
Start time and date:   07:44:37 20-Jul
Elapsed time: 04:49:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.196 mg/m³
Time at maximum: 09:29:43 Jul 20
Max STEL Concentration: 0.073 mg/m³
Time at max STEL:   08:23:07 Jul 20
Overall Avg Conc: 0.035 mg/m³
Logged Data:
Point, Date  ,  Time    ,   Avg. (mg/m³)
    1,  20 Jul,  07:45:37,  0.038
    2,  20 Jul,  07:46:37,  0.039
    3,  20 Jul,  07:47:37,  0.041
    4,  20 Jul,  07:48:37,  0.044
    5,  20 Jul,  07:49:37,  0.050
    6,  20 Jul,  07:50:37,  0.055
    7,  20 Jul,  07:51:37,  0.049
    8,  20 Jul,  07:52:37,  0.049
    9,  20 Jul,  07:53:37,  0.054
   10,  20 Jul,  07:54:37,  0.050
   11,  20 Jul,  07:55:37,  0.051
   12,  20 Jul,  07:56:37,  0.051
   13,  20 Jul,  07:57:37,  0.054
   14,  20 Jul,  07:58:37,  0.053
   15,  20 Jul,  07:59:37,  0.061
   16,  20 Jul,  08:00:37,  0.055
   17,  20 Jul,  08:01:37,  0.059
   18,  20 Jul,  08:02:37,  0.056
   19,  20 Jul,  08:03:37,  0.068
   20,  20 Jul,  08:04:37,  0.067
   21,  20 Jul,  08:05:37,  0.066
   22,  20 Jul,  08:06:37,  0.070
   23,  20 Jul,  08:07:37,  0.063
   24,  20 Jul,  08:08:37,  0.062
   25,  20 Jul,  08:09:37,  0.069
   26,  20 Jul,  08:10:37,  0.074
   27,  20 Jul,  08:11:37,  0.077
   28,  20 Jul,  08:12:37,  0.071
   29,  20 Jul,  08:13:37,  0.072
   30,  20 Jul,  08:14:37,  0.069
   31,  20 Jul,  08:15:37,  0.071
   32,  20 Jul,  08:16:37,  0.088
   33,  20 Jul,  08:17:37,  0.072
   34,  20 Jul,  08:18:37,  0.070
   35,  20 Jul,  08:19:37,  0.074
   36,  20 Jul,  08:20:37,  0.069
   37,  20 Jul,  08:21:37,  0.073
   38,  20 Jul,  08:22:37,  0.070
   39,  20 Jul,  08:23:37,  0.070
   40,  20 Jul,  08:24:37,  0.071
   41,  20 Jul,  08:25:37,  0.063
   42,  20 Jul,  08:26:37,  0.069
   43,  20 Jul,  08:27:37,  0.072
   44,  20 Jul,  08:28:37,  0.072
   45,  20 Jul,  08:29:37,  0.075
   46,  20 Jul,  08:30:37,  0.072
   47,  20 Jul,  08:31:37,  0.070
   48,  20 Jul,  08:32:37,  0.071
   49,  20 Jul,  08:33:37,  0.068
   50,  20 Jul,  08:34:37,  0.066
   51,  20 Jul,  08:35:37,  0.067
   52,  20 Jul,  08:36:37,  0.064
   53,  20 Jul,  08:37:37,  0.069
   54,  20 Jul,  08:38:37,  0.066
   55,  20 Jul,  08:39:37,  0.081
   56,  20 Jul,  08:40:37,  0.068
   57,  20 Jul,  08:41:37,  0.065
```

Unit 2 - Downwind

```
 58, 20 Jul, 08:42:37,  0.065
 59, 20 Jul, 08:43:37,  0.064
 60, 20 Jul, 08:44:37,  0.067
 61, 20 Jul, 08:45:37,  0.065
 62, 20 Jul, 08:46:37,  0.060
 63, 20 Jul, 08:47:37,  0.058
 64, 20 Jul, 08:48:37,  0.060
 65, 20 Jul, 08:49:37,  0.061
 66, 20 Jul, 08:50:37,  0.055
 67, 20 Jul, 08:51:37,  0.060
 68, 20 Jul, 08:52:37,  0.062
 69, 20 Jul, 08:53:37,  0.054
 70, 20 Jul, 08:54:37,  0.056
 71, 20 Jul, 08:55:37,  0.059
 72, 20 Jul, 08:56:37,  0.057
 73, 20 Jul, 08:57:37,  0.056
 74, 20 Jul, 08:58:37,  0.060
 75, 20 Jul, 08:59:37,  0.059
 76, 20 Jul, 09:00:37,  0.060
 77, 20 Jul, 09:01:37,  0.066
 78, 20 Jul, 09:02:37,  0.057
 79, 20 Jul, 09:03:37,  0.057
 80, 20 Jul, 09:04:37,  0.054
 81, 20 Jul, 09:05:37,  0.059
 82, 20 Jul, 09:06:37,  0.056
 83, 20 Jul, 09:07:37,  0.056
 84, 20 Jul, 09:08:37,  0.059
 85, 20 Jul, 09:09:37,  0.059
 86, 20 Jul, 09:10:37,  0.060
 87, 20 Jul, 09:11:37,  0.061
 88, 20 Jul, 09:12:37,  0.053
 89, 20 Jul, 09:13:37,  0.064
 90, 20 Jul, 09:14:37,  0.050
 91, 20 Jul, 09:15:37,  0.055
 92, 20 Jul, 09:16:37,  0.048
 93, 20 Jul, 09:17:37,  0.053
 94, 20 Jul, 09:18:37,  0.048
 95, 20 Jul, 09:19:37,  0.045
 96, 20 Jul, 09:20:37,  0.046
 97, 20 Jul, 09:21:37,  0.044
 98, 20 Jul, 09:22:37,  0.043
 99, 20 Jul, 09:23:37,  0.042
100, 20 Jul, 09:24:37,  0.045
101, 20 Jul, 09:25:37,  0.044
102, 20 Jul, 09:26:37,  0.043
103, 20 Jul, 09:27:37,  0.044
104, 20 Jul, 09:28:37,  0.044
105, 20 Jul, 09:29:37,  0.042
106, 20 Jul, 09:30:37,  0.065
107, 20 Jul, 09:31:37,  0.039
108, 20 Jul, 09:32:37,  0.036
109, 20 Jul, 09:33:37,  0.035
110, 20 Jul, 09:34:37,  0.033
111, 20 Jul, 09:35:37,  0.041
112, 20 Jul, 09:36:37,  0.035
113, 20 Jul, 09:37:37,  0.038
114, 20 Jul, 09:38:37,  0.036
115, 20 Jul, 09:39:37,  0.035
116, 20 Jul, 09:40:37,  0.035
117, 20 Jul, 09:41:37,  0.036
118, 20 Jul, 09:42:37,  0.036
119, 20 Jul, 09:43:37,  0.036
120, 20 Jul, 09:44:37,  0.031
121, 20 Jul, 09:45:37,  0.036
122, 20 Jul, 09:46:37,  0.038
123, 20 Jul, 09:47:37,  0.037
124, 20 Jul, 09:48:37,  0.033
125, 20 Jul, 09:49:37,  0.033
126, 20 Jul, 09:50:37,  0.036
127, 20 Jul, 09:51:37,  0.036
128, 20 Jul, 09:52:37,  0.039
```

```
129,  20 Jul,  09:53:37,   0.034
130,  20 Jul,  09:54:37,   0.038
131,  20 Jul,  09:55:37,   0.034
132,  20 Jul,  09:56:37,   0.031
133,  20 Jul,  09:57:37,   0.033
134,  20 Jul,  09:58:37,   0.035
135,  20 Jul,  09:59:37,   0.033
136,  20 Jul,  10:00:37,   0.032
137,  20 Jul,  10:01:37,   0.032
138,  20 Jul,  10:02:37,   0.031
139,  20 Jul,  10:03:37,   0.030
140,  20 Jul,  10:04:37,   0.026
141,  20 Jul,  10:05:37,   0.027
142,  20 Jul,  10:06:37,   0.030
143,  20 Jul,  10:07:37,   0.027
144,  20 Jul,  10:08:37,   0.025
145,  20 Jul,  10:09:37,   0.042
146,  20 Jul,  10:10:37,   0.029
147,  20 Jul,  10:11:37,   0.024
148,  20 Jul,  10:12:37,   0.023
149,  20 Jul,  10:13:37,   0.022
150,  20 Jul,  10:14:37,   0.022
151,  20 Jul,  10:15:37,   0.020
152,  20 Jul,  10:16:37,   0.022
153,  20 Jul,  10:17:37,   0.018
154,  20 Jul,  10:18:37,   0.027
155,  20 Jul,  10:19:37,   0.019
156,  20 Jul,  10:20:37,   0.018
157,  20 Jul,  10:21:37,   0.022
158,  20 Jul,  10:22:37,   0.019
159,  20 Jul,  10:23:37,   0.018
160,  20 Jul,  10:24:37,   0.019
161,  20 Jul,  10:25:37,   0.021
162,  20 Jul,  10:26:37,   0.019
163,  20 Jul,  10:27:37,   0.020
164,  20 Jul,  10:28:37,   0.018
165,  20 Jul,  10:29:37,   0.019
166,  20 Jul,  10:30:37,   0.017
167,  20 Jul,  10:31:37,   0.018
168,  20 Jul,  10:32:37,   0.020
169,  20 Jul,  10:33:37,   0.017
170,  20 Jul,  10:34:37,   0.017
171,  20 Jul,  10:35:37,   0.017
172,  20 Jul,  10:36:37,   0.018
173,  20 Jul,  10:37:37,   0.022
174,  20 Jul,  10:38:37,   0.021
175,  20 Jul,  10:39:37,   0.019
176,  20 Jul,  10:40:37,   0.017
177,  20 Jul,  10:41:37,   0.017
178,  20 Jul,  10:42:37,   0.018
179,  20 Jul,  10:43:37,   0.018
180,  20 Jul,  10:44:37,   0.017
181,  20 Jul,  10:45:37,   0.019
182,  20 Jul,  10:46:37,   0.016
183,  20 Jul,  10:47:37,   0.018
184,  20 Jul,  10:48:37,   0.018
185,  20 Jul,  10:49:37,   0.016
186,  20 Jul,  10:50:37,   0.018
187,  20 Jul,  10:51:37,   0.014
188,  20 Jul,  10:52:37,   0.013
189,  20 Jul,  10:53:37,   0.015
190,  20 Jul,  10:54:37,   0.021
191,  20 Jul,  10:55:37,   0.015
192,  20 Jul,  10:56:37,   0.016
193,  20 Jul,  10:57:37,   0.015
194,  20 Jul,  10:58:37,   0.018
195,  20 Jul,  10:59:37,   0.014
196,  20 Jul,  11:00:37,   0.012
197,  20 Jul,  11:01:37,   0.015
198,  20 Jul,  11:02:37,   0.015
199,  20 Jul,  11:03:37,   0.015
```

```
200, 20 Jul, 11:04:37,  0.017
201, 20 Jul, 11:05:37,  0.015
202, 20 Jul, 11:06:37,  0.015
203, 20 Jul, 11:07:37,  0.016
204, 20 Jul, 11:08:37,  0.016
205, 20 Jul, 11:09:37,  0.024
206, 20 Jul, 11:10:37,  0.015
207, 20 Jul, 11:11:37,  0.014
208, 20 Jul, 11:12:37,  0.015
209, 20 Jul, 11:13:37,  0.014
210, 20 Jul, 11:14:37,  0.013
211, 20 Jul, 11:15:37,  0.015
212, 20 Jul, 11:16:37,  0.015
213, 20 Jul, 11:17:37,  0.016
214, 20 Jul, 11:18:37,  0.014
215, 20 Jul, 11:19:37,  0.015
216, 20 Jul, 11:20:37,  0.013
217, 20 Jul, 11:21:37,  0.013
218, 20 Jul, 11:22:37,  0.014
219, 20 Jul, 11:23:37,  0.013
220, 20 Jul, 11:24:37,  0.013
221, 20 Jul, 11:25:37,  0.016
222, 20 Jul, 11:26:37,  0.014
223, 20 Jul, 11:27:37,  0.013
224, 20 Jul, 11:28:37,  0.015
225, 20 Jul, 11:29:37,  0.015
226, 20 Jul, 11:30:37,  0.015
227, 20 Jul, 11:31:37,  0.015
228, 20 Jul, 11:32:37,  0.014
229, 20 Jul, 11:33:37,  0.013
230, 20 Jul, 11:34:37,  0.017
231, 20 Jul, 11:35:37,  0.019
232, 20 Jul, 11:36:37,  0.014
233, 20 Jul, 11:37:37,  0.021
234, 20 Jul, 11:38:37,  0.014
235, 20 Jul, 11:39:37,  0.014
236, 20 Jul, 11:40:37,  0.014
237, 20 Jul, 11:41:37,  0.013
238, 20 Jul, 11:42:37,  0.013
239, 20 Jul, 11:43:37,  0.012
240, 20 Jul, 11:44:37,  0.014
241, 20 Jul, 11:45:37,  0.016
242, 20 Jul, 11:46:37,  0.013
243, 20 Jul, 11:47:37,  0.015
244, 20 Jul, 11:48:37,  0.022
245, 20 Jul, 11:49:37,  0.017
246, 20 Jul, 11:50:37,  0.014
247, 20 Jul, 11:51:37,  0.015
248, 20 Jul, 11:52:37,  0.014
249, 20 Jul, 11:53:37,  0.014
250, 20 Jul, 11:54:37,  0.014
251, 20 Jul, 11:55:37,  0.015
252, 20 Jul, 11:56:37,  0.013
253, 20 Jul, 11:57:37,  0.018
254, 20 Jul, 11:58:37,  0.015
255, 20 Jul, 11:59:37,  0.013
256, 20 Jul, 12:00:37,  0.015
257, 20 Jul, 12:01:37,  0.014
258, 20 Jul, 12:02:37,  0.013
259, 20 Jul, 12:03:37,  0.021
260, 20 Jul, 12:04:37,  0.016
261, 20 Jul, 12:05:37,  0.017
262, 20 Jul, 12:06:37,  0.014
263, 20 Jul, 12:07:37,  0.018
264, 20 Jul, 12:08:37,  0.018
265, 20 Jul, 12:09:37,  0.015
266, 20 Jul, 12:10:37,  0.015
267, 20 Jul, 12:11:37,  0.017
268, 20 Jul, 12:12:37,  0.016
269, 20 Jul, 12:13:37,  0.016
270, 20 Jul, 12:14:37,  0.016
```

```
271, 20 Jul, 12:15:37,  0.016
272, 20 Jul, 12:16:37,  0.016
273, 20 Jul, 12:17:37,  0.015
274, 20 Jul, 12:18:37,  0.016
275, 20 Jul, 12:19:37,  0.016
276, 20 Jul, 12:20:37,  0.014
277, 20 Jul, 12:21:37,  0.016
278, 20 Jul, 12:22:37,  0.015
279, 20 Jul, 12:23:37,  0.014
280, 20 Jul, 12:24:37,  0.017
281, 20 Jul, 12:25:37,  0.017
282, 20 Jul, 12:26:37,  0.015
283, 20 Jul, 12:27:37,  0.014
284, 20 Jul, 12:28:37,  0.016
285, 20 Jul, 12:29:37,  0.015
286, 20 Jul, 12:30:37,  0.016
287, 20 Jul, 12:31:37,  0.020
288, 20 Jul, 12:32:37,  0.016
289, 20 Jul, 12:33:37,  0.019
```

pDR-1000 S/N: 08133 / Tag # 01 / Start time: Jul 20, 07:44:37
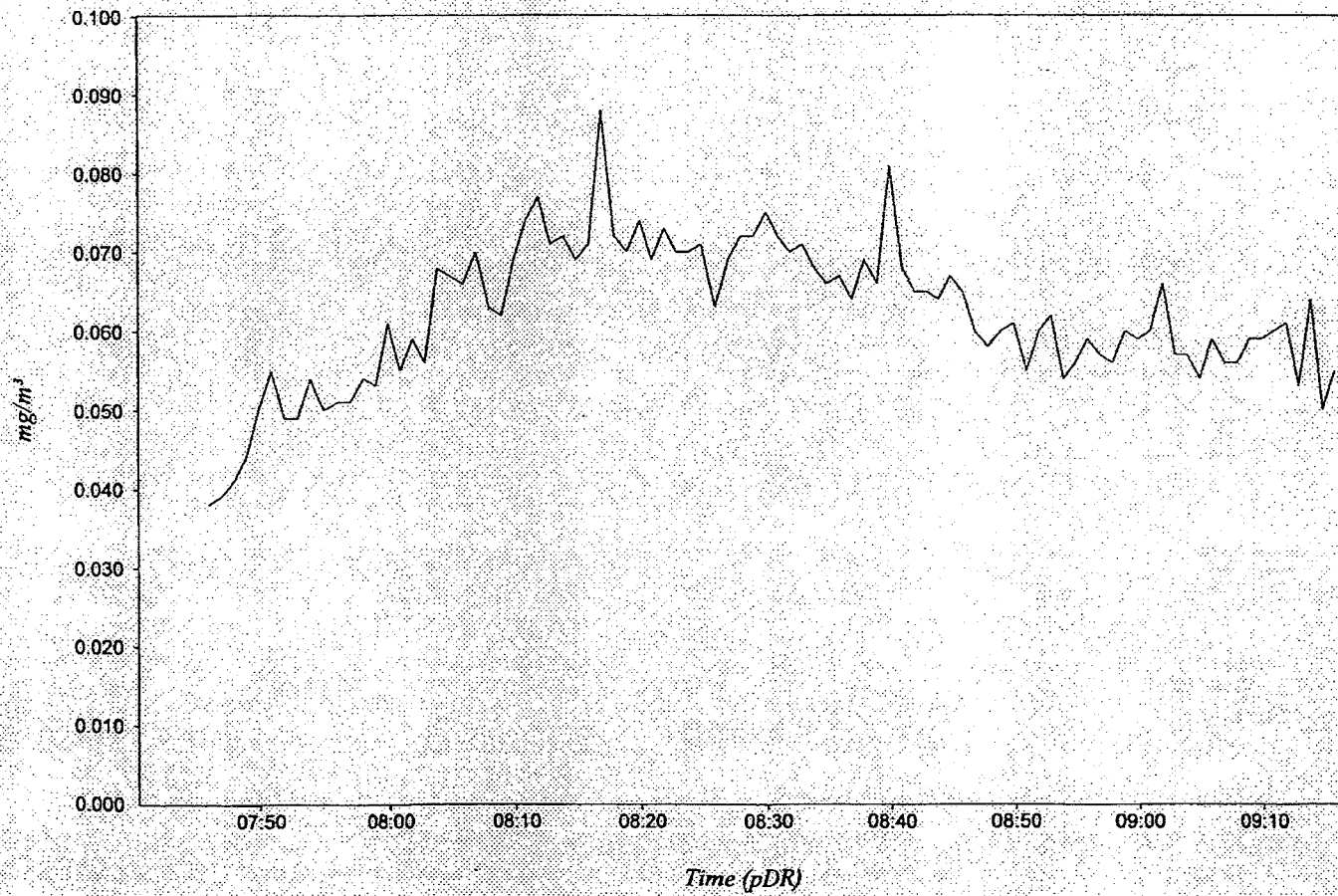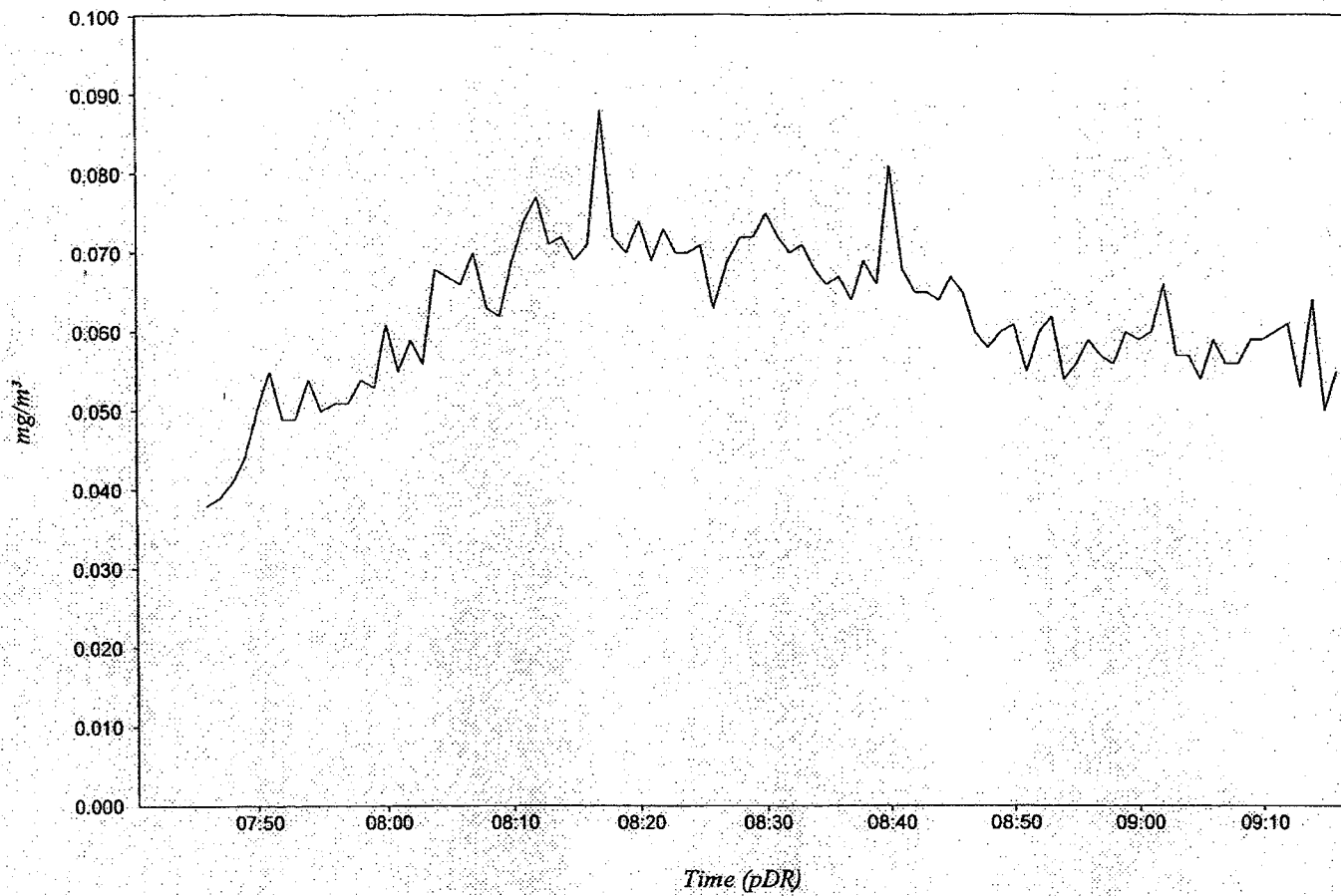
```
pDR-1000 S/N: 08133
Tag Number: 04
Number of logged points: 278
Start time and date:   08:25:31 24-Jul
Elapsed time: 04:38:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.328 mg/m³
Time at maximum: 08:53:16 Jul 24
Max STEL Concentration: 0.012 mg/m³
Time at max STEL:  12:25:02 Jul 24
Overall Avg Conc: 0.007 mg/m³
Logged Data:
Point, Date  , Time      ,  Avg. (mg/m³)
    1, 24 Jul, 08:26:31,  0.005
    2, 24 Jul, 08:27:31,  0.006
    3, 24 Jul, 08:28:31,  0.025
    4, 24 Jul, 08:29:31,  0.003
    5, 24 Jul, 08:30:31,  0.005
    6, 24 Jul, 08:31:31,  0.007
    7, 24 Jul, 08:32:31,  0.008
    8, 24 Jul, 08:33:31,  0.006
    9, 24 Jul, 08:34:31,  0.007
   10, 24 Jul, 08:35:31,  0.007
   11, 24 Jul, 08:36:31,  0.006
   12, 24 Jul, 08:37:31,  0.007
   13, 24 Jul, 08:38:31,  0.007
   14, 24 Jul, 08:39:31,  0.004
   15, 24 Jul, 08:40:31,  0.003
   16, 24 Jul, 08:41:31,  0.004
   17, 24 Jul, 08:42:31,  0.007
   18, 24 Jul, 08:43:31,  0.006
   19, 24 Jul, 08:44:31,  0.005
   20, 24 Jul, 08:45:31,  0.007
   21, 24 Jul, 08:46:31,  0.005
   22, 24 Jul, 08:47:31,  0.008
   23, 24 Jul, 08:48:31,  0.011
   24, 24 Jul, 08:49:31,  0.006
   25, 24 Jul, 08:50:31,  0.007
   26, 24 Jul, 08:51:31,  0.006
   27, 24 Jul, 08:52:31,  0.005
   28, 24 Jul, 08:53:31,  0.063
   29, 24 Jul, 08:54:31,  0.006
   30, 24 Jul, 08:55:31,  0.006
   31, 24 Jul, 08:56:31,  0.007
   32, 24 Jul, 08:57:31,  0.005
   33, 24 Jul, 08:58:31,  0.005
   34, 24 Jul, 08:59:31,  0.005
   35, 24 Jul, 09:00:31,  0.004
   36, 24 Jul, 09:01:31,  0.007
   37, 24 Jul, 09:02:31,  0.007
   38, 24 Jul, 09:03:31,  0.007
   39, 24 Jul, 09:04:31,  0.006
   40, 24 Jul, 09:05:31,  0.007
   41, 24 Jul, 09:06:31,  0.007
   42, 24 Jul, 09:07:31,  0.014
   43, 24 Jul, 09:08:31,  0.009
   44, 24 Jul, 09:09:31,  0.006
   45, 24 Jul, 09:10:31,  0.010
   46, 24 Jul, 09:11:31,  0.007
   47, 24 Jul, 09:12:31,  0.009
   48, 24 Jul, 09:13:31,  0.013
   49, 24 Jul, 09:14:31,  0.007
   50, 24 Jul, 09:15:31,  0.006
   51, 24 Jul, 09:16:31,  0.014
   52, 24 Jul, 09:17:31,  0.006
   53, 24 Jul, 09:18:31,  0.005
   54, 24 Jul, 09:19:31,  0.009
   55, 24 Jul, 09:20:31,  0.007
   56, 24 Jul, 09:21:31,  0.008
   57, 24 Jul, 09:22:31,  0.003
```

Unit 1 - Upwind

```
 58, 24 Jul, 09:23:31,  0.009
 59, 24 Jul, 09:24:31,  0.005
 60, 24 Jul, 09:25:31,  0.004
 61, 24 Jul, 09:26:31,  0.006
 62, 24 Jul, 09:27:31,  0.010
 63, 24 Jul, 09:28:31,  0.006
 64, 24 Jul, 09:29:31,  0.009
 65, 24 Jul, 09:30:31,  0.015
 66, 24 Jul, 09:31:31,  0.014
 67, 24 Jul, 09:32:31,  0.006
 68, 24 Jul, 09:33:31,  0.005
 69, 24 Jul, 09:34:31,  0.003
 70, 24 Jul, 09:35:31,  0.004
 71, 24 Jul, 09:36:31,  0.004
 72, 24 Jul, 09:37:31,  0.003
 73, 24 Jul, 09:38:31,  0.006
 74, 24 Jul, 09:39:31,  0.005
 75, 24 Jul, 09:40:31,  0.004
 76, 24 Jul, 09:41:31,  0.009
 77, 24 Jul, 09:42:31,  0.008
 78, 24 Jul, 09:43:31,  0.004
 79, 24 Jul, 09:44:31,  0.005
 80, 24 Jul, 09:45:31,  0.004
 81, 24 Jul, 09:46:31,  0.006
 82, 24 Jul, 09:47:31,  0.005
 83, 24 Jul, 09:48:31,  0.006
 84, 24 Jul, 09:49:31,  0.004
 85, 24 Jul, 09:50:31,  0.003
 86, 24 Jul, 09:51:31,  0.004
 87, 24 Jul, 09:52:31,  0.007
 88, 24 Jul, 09:53:31,  0.005
 89, 24 Jul, 09:54:31,  0.003
 90, 24 Jul, 09:55:31,  0.005
 91, 24 Jul, 09:56:31,  0.005
 92, 24 Jul, 09:57:31,  0.006
 93, 24 Jul, 09:58:31,  0.003
 94, 24 Jul, 09:59:31,  0.003
 95, 24 Jul, 10:00:31,  0.004
 96, 24 Jul, 10:01:31,  0.003
 97, 24 Jul, 10:02:31,  0.004
 98, 24 Jul, 10:03:31,  0.003
 99, 24 Jul, 10:04:31,  0.002
100, 24 Jul, 10:05:31,  0.006
101, 24 Jul, 10:06:31,  0.002
102, 24 Jul, 10:07:31,  0.002
103, 24 Jul, 10:08:31,  0.002
104, 24 Jul, 10:09:31,  0.003
105, 24 Jul, 10:10:31,  0.005
106, 24 Jul, 10:11:31,  0.006
107, 24 Jul, 10:12:31,  0.002
108, 24 Jul, 10:13:31,  0.003
109, 24 Jul, 10:14:31,  0.003
110, 24 Jul, 10:15:31,  0.004
111, 24 Jul, 10:16:31,  0.005
112, 24 Jul, 10:17:31,  0.002
113, 24 Jul, 10:18:31,  0.002
114, 24 Jul, 10:19:31,  0.002
115, 24 Jul, 10:20:31,  0.002
116, 24 Jul, 10:21:31,  0.003
117, 24 Jul, 10:22:31,  0.005
118, 24 Jul, 10:23:31,  0.004
119, 24 Jul, 10:24:31,  0.023
120, 24 Jul, 10:25:31,  0.014
121, 24 Jul, 10:26:31,  0.005
122, 24 Jul, 10:27:31,  0.003
123, 24 Jul, 10:28:31,  0.006
124, 24 Jul, 10:29:31,  0.005
125, 24 Jul, 10:30:31,  0.015
126, 24 Jul, 10:31:31,  0.005
127, 24 Jul, 10:32:31,  0.004
128, 24 Jul, 10:33:31,  0.005
```

```
129, 24 Jul, 10:34:31,  0.003
130, 24 Jul, 10:35:31,  0.003
131, 24 Jul, 10:36:31,  0.003
132, 24 Jul, 10:37:31,  0.003
133, 24 Jul, 10:38:31,  0.003
134, 24 Jul, 10:39:31,  0.005
135, 24 Jul, 10:40:31,  0.003
136, 24 Jul, 10:41:31,  0.005
137, 24 Jul, 10:42:31,  0.004
138, 24 Jul, 10:43:31,  0.007
139, 24 Jul, 10:44:31,  0.002
140, 24 Jul, 10:45:31,  0.002
141, 24 Jul, 10:46:31,  0.002
142, 24 Jul, 10:47:31,  0.004
143, 24 Jul, 10:48:31,  0.009
144, 24 Jul, 10:49:31,  0.006
145, 24 Jul, 10:50:31,  0.002
146, 24 Jul, 10:51:31,  0.007
147, 24 Jul, 10:52:31,  0.006
148, 24 Jul, 10:53:31,  0.005
149, 24 Jul, 10:54:31,  0.006
150, 24 Jul, 10:55:31,  0.005
151, 24 Jul, 10:56:31,  0.003
152, 24 Jul, 10:57:31,  0.006
153, 24 Jul, 10:58:31,  0.010
154, 24 Jul, 10:59:31,  0.006
155, 24 Jul, 11:00:31,  0.006
156, 24 Jul, 11:01:31,  0.012
157, 24 Jul, 11:02:31,  0.005
158, 24 Jul, 11:03:31,  0.005
159, 24 Jul, 11:04:31,  0.009
160, 24 Jul, 11:05:31,  0.005
161, 24 Jul, 11:06:31,  0.007
162, 24 Jul, 11:07:31,  0.006
163, 24 Jul, 11:08:31,  0.006
164, 24 Jul, 11:09:31,  0.006
165, 24 Jul, 11:10:31,  0.006
166, 24 Jul, 11:11:31,  0.006
167, 24 Jul, 11:12:31,  0.006
168, 24 Jul, 11:13:31,  0.006
169, 24 Jul, 11:14:31,  0.005
170, 24 Jul, 11:15:31,  0.007
171, 24 Jul, 11:16:31,  0.004
172, 24 Jul, 11:17:31,  0.007
173, 24 Jul, 11:18:31,  0.007
174, 24 Jul, 11:19:31,  0.012
175, 24 Jul, 11:20:31,  0.006
176, 24 Jul, 11:21:31,  0.006
177, 24 Jul, 11:22:31,  0.008
178, 24 Jul, 11:23:31,  0.009
179, 24 Jul, 11:24:31,  0.008
180, 24 Jul, 11:25:31,  0.009
181, 24 Jul, 11:26:31,  0.009
182, 24 Jul, 11:27:31,  0.008
183, 24 Jul, 11:28:31,  0.011
184, 24 Jul, 11:29:31,  0.010
185, 24 Jul, 11:30:31,  0.009
186, 24 Jul, 11:31:31,  0.010
187, 24 Jul, 11:32:31,  0.008
188, 24 Jul, 11:33:31,  0.007
189, 24 Jul, 11:34:31,  0.009
190, 24 Jul, 11:35:31,  0.007
191, 24 Jul, 11:36:31,  0.006
192, 24 Jul, 11:37:31,  0.015
193, 24 Jul, 11:38:31,  0.006
194, 24 Jul, 11:39:31,  0.010
195, 24 Jul, 11:40:31,  0.008
196, 24 Jul, 11:41:31,  0.012
197, 24 Jul, 11:42:31,  0.018
198, 24 Jul, 11:43:31,  0.011
199, 24 Jul, 11:44:31,  0.015
```

```
200, 24 Jul, 11:45:31,   0.011
201, 24 Jul, 11:46:31,   0.009
202, 24 Jul, 11:47:31,   0.009
203, 24 Jul, 11:48:31,   0.010
204, 24 Jul, 11:49:31,   0.011
205, 24 Jul, 11:50:31,   0.009
206, 24 Jul, 11:51:31,   0.009
207, 24 Jul, 11:52:31,   0.013
208, 24 Jul, 11:53:31,   0.010
209, 24 Jul, 11:54:31,   0.013
210, 24 Jul, 11:55:31,   0.010
211, 24 Jul, 11:56:31,   0.008
212, 24 Jul, 11:57:31,   0.010
213, 24 Jul, 11:58:31,   0.010
214, 24 Jul, 11:59:31,   0.012
215, 24 Jul, 12:00:31,   0.010
216, 24 Jul, 12:01:31,   0.012
217, 24 Jul, 12:02:31,   0.011
218, 24 Jul, 12:03:31,   0.011
219, 24 Jul, 12:04:31,   0.012
220, 24 Jul, 12:05:31,   0.015
221, 24 Jul, 12:06:31,   0.012
222, 24 Jul, 12:07:31,   0.011
223, 24 Jul, 12:08:31,   0.012
224, 24 Jul, 12:09:31,   0.011
225, 24 Jul, 12:10:31,   0.008
226, 24 Jul, 12:11:31,   0.010
227, 24 Jul, 12:12:31,   0.010
228, 24 Jul, 12:13:31,   0.013
229, 24 Jul, 12:14:31,   0.010
230, 24 Jul, 12:15:31,   0.010
231, 24 Jul, 12:16:31,   0.008
232, 24 Jul, 12:17:31,   0.015
233, 24 Jul, 12:18:31,   0.010
234, 24 Jul, 12:19:31,   0.012
235, 24 Jul, 12:20:31,   0.010
236, 24 Jul, 12:21:31,   0.010
237, 24 Jul, 12:22:31,   0.010
238, 24 Jul, 12:23:31,   0.016
239, 24 Jul, 12:24:31,   0.019
240, 24 Jul, 12:25:31,   0.016
241, 24 Jul, 12:26:31,   0.009
242, 24 Jul, 12:27:31,   0.009
243, 24 Jul, 12:28:31,   0.010
244, 24 Jul, 12:29:31,   0.008
245, 24 Jul, 12:30:31,   0.009
246, 24 Jul, 12:31:31,   0.009
247, 24 Jul, 12:32:31,   0.018
248, 24 Jul, 12:33:31,   0.007
249, 24 Jul, 12:34:31,   0.007
250, 24 Jul, 12:35:31,   0.011
251, 24 Jul, 12:36:31,   0.008
252, 24 Jul, 12:37:31,   0.009
253, 24 Jul, 12:38:31,   0.010
254, 24 Jul, 12:39:31,   0.007
255, 24 Jul, 12:40:31,   0.009
256, 24 Jul, 12:41:31,   0.006
257, 24 Jul, 12:42:31,   0.006
258, 24 Jul, 12:43:31,   0.008
259, 24 Jul, 12:44:31,   0.007
260, 24 Jul, 12:45:31,   0.008
261, 24 Jul, 12:46:31,   0.007
262, 24 Jul, 12:47:31,   0.008
263, 24 Jul, 12:48:31,   0.011
264, 24 Jul, 12:49:31,   0.007
265, 24 Jul, 12:50:31,   0.008
266, 24 Jul, 12:51:31,   0.005
267, 24 Jul, 12:52:31,   0.006
268, 24 Jul, 12:53:31,   0.006
269, 24 Jul, 12:54:31,   0.005
270, 24 Jul, 12:55:31,   0.010
```

```
271, 24 Jul, 12:56:31,  0.007
272, 24 Jul, 12:57:31,  0.009
273, 24 Jul, 12:58:31,  0.007
274, 24 Jul, 12:59:31,  0.008
275, 24 Jul, 13:00:31,  0.011
276, 24 Jul, 13:01:31,  0.009
277, 24 Jul, 13:02:31,  0.010
278, 24 Jul, 13:03:31,  0.006
```

pDR-1000 S/N: 08133 / Tag # 04 / Start time: Jul 24, 08:25:31
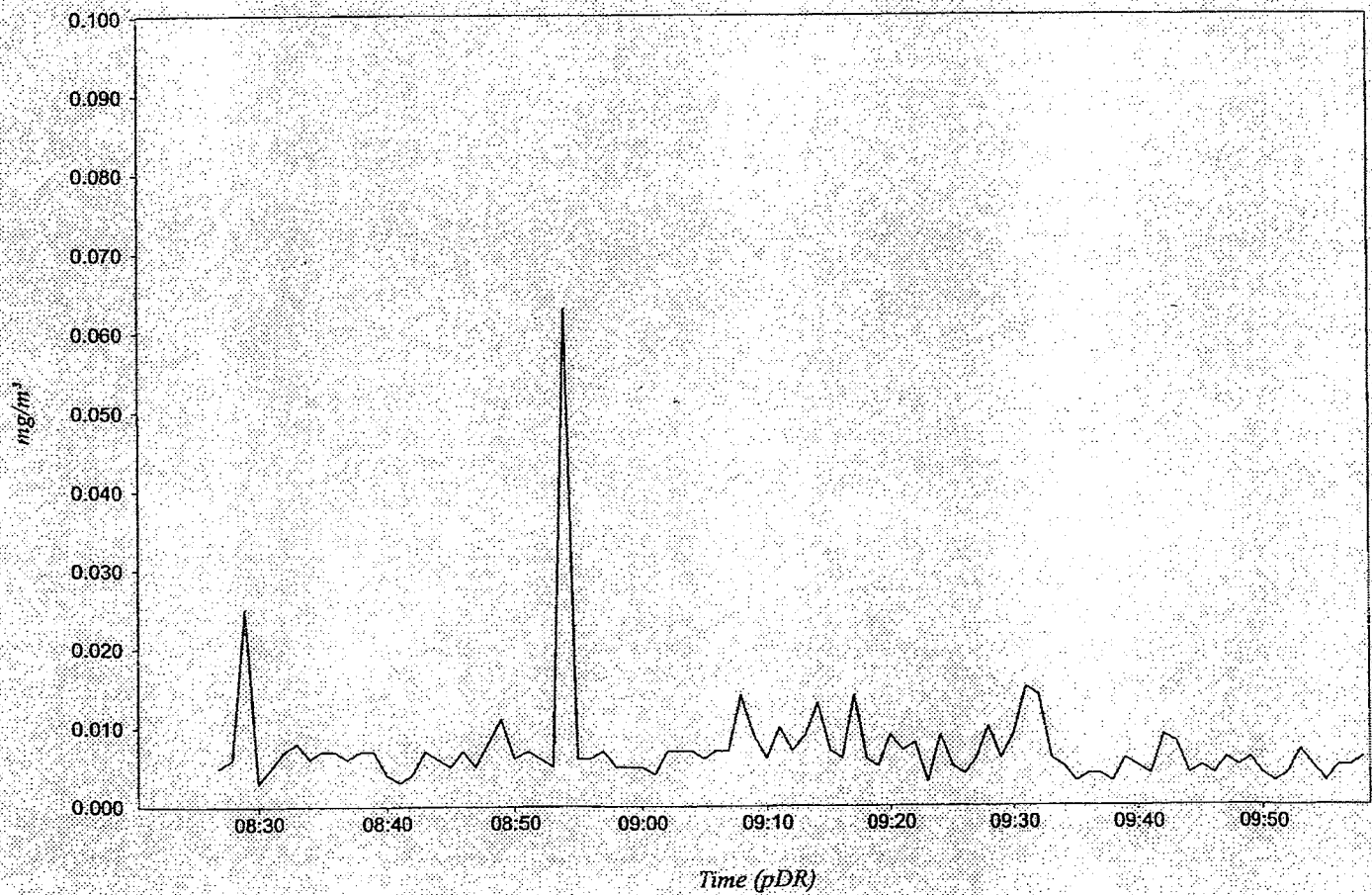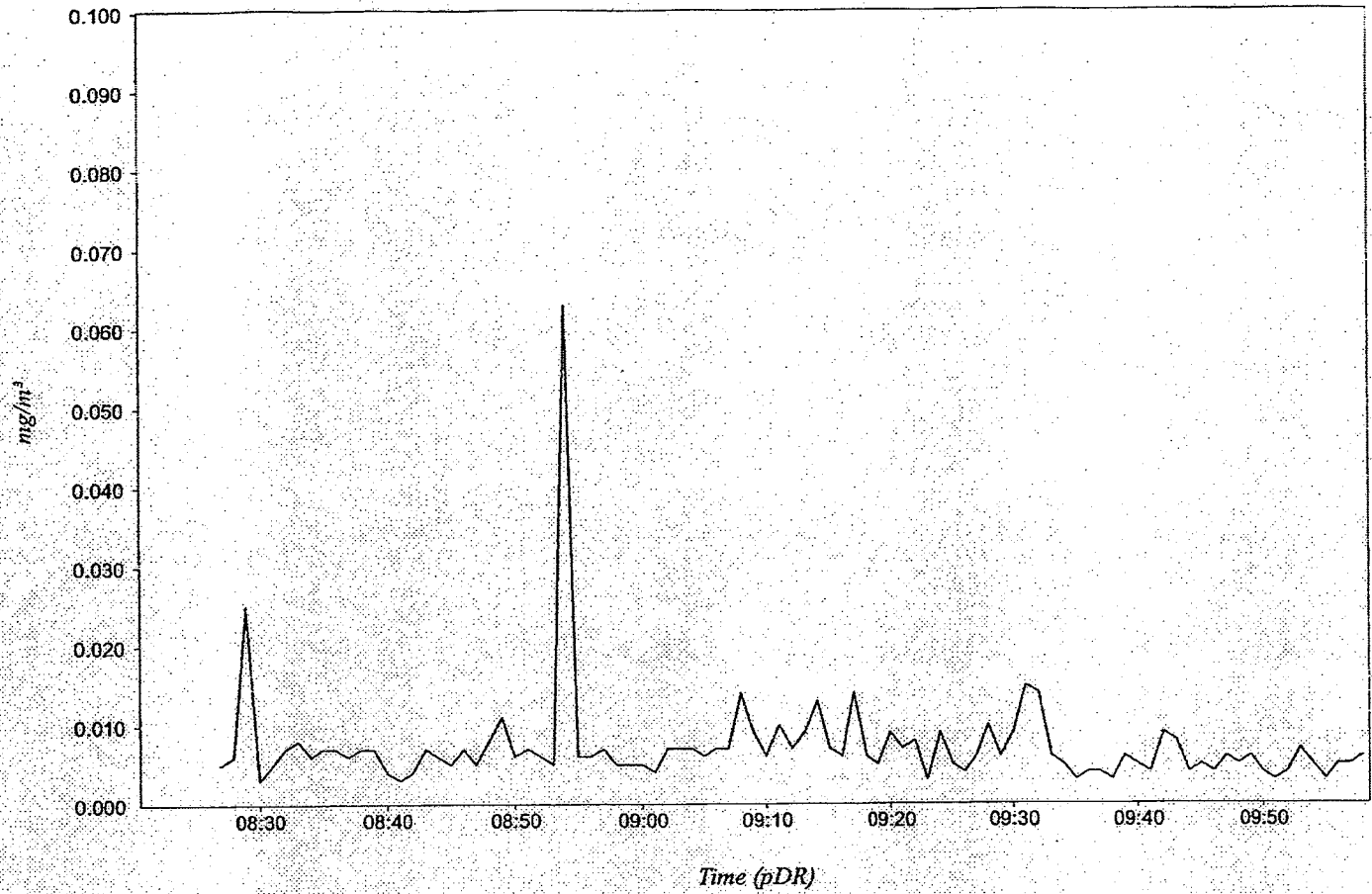
```
pDR-1000 S/N: 08133
Tag Number: 02
Number of logged points: 282
Start time and date:  08:26:53 24-Jul
Elapsed time: 04:42:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.174 mg/m³
Time at maximum: 13:02:22 Jul 24
Max STEL Concentration: 0.015 mg/m³
Time at max STEL:  13:07:54 Jul 24
Overall Avg Conc: 0.006 mg/m³
Logged Data:
Point, Date  , Time     , Avg.(mg/m³)
    1, 24 Jul, 08:27:53,  0.007
    2, 24 Jul, 08:28:53,  0.006
    3, 24 Jul, 08:29:53,  0.004
    4, 24 Jul, 08:30:53,  0.004
    5, 24 Jul, 08:31:53,  0.005
    6, 24 Jul, 08:32:53,  0.004
    7, 24 Jul, 08:33:53,  0.005
    8, 24 Jul, 08:34:53,  0.005
    9, 24 Jul, 08:35:53,  0.004
   10, 24 Jul, 08:36:53,  0.001
   11, 24 Jul, 08:37:53,  0.009
   12, 24 Jul, 08:38:53,  0.003
   13, 24 Jul, 08:39:53,  0.002
   14, 24 Jul, 08:40:53,  0.001
   15, 24 Jul, 08:41:53,  0.003
   16, 24 Jul, 08:42:53,  0.001
   17, 24 Jul, 08:43:53,  0.004
   18, 24 Jul, 08:44:53,  0.023
   19, 24 Jul, 08:45:53,  0.004
   20, 24 Jul, 08:46:53,  0.004
   21, 24 Jul, 08:47:53,  0.002
   22, 24 Jul, 08:48:53,  0.004
   23, 24 Jul, 08:49:53,  0.003
   24, 24 Jul, 08:50:53,  0.005
   25, 24 Jul, 08:51:53,  0.002
   26, 24 Jul, 08:52:53,  0.001
   27, 24 Jul, 08:53:53,  0.001
   28, 24 Jul, 08:54:53,  0.003
   29, 24 Jul, 08:55:53,  0.006
   30, 24 Jul, 08:56:53,  0.002
   31, 24 Jul, 08:57:53,  0.001
   32, 24 Jul, 08:58:53,  0.005
   33, 24 Jul, 08:59:53,  0.000
   34, 24 Jul, 09:00:53,  0.000
   35, 24 Jul, 09:01:53,  0.001
   36, 24 Jul, 09:02:53,  0.000
   37, 24 Jul, 09:03:53,  0.000
   38, 24 Jul, 09:04:53,  0.000
   39, 24 Jul, 09:05:53,  0.002
   40, 24 Jul, 09:06:53,  0.005
   41, 24 Jul, 09:07:53,  0.002
   42, 24 Jul, 09:08:53,  0.000
   43, 24 Jul, 09:09:53,  0.000
   44, 24 Jul, 09:10:53,  0.001
   45, 24 Jul, 09:11:53,  0.002
   46, 24 Jul, 09:12:53,  0.001
   47, 24 Jul, 09:13:53,  0.000
   48, 24 Jul, 09:14:53,  0.001
   49, 24 Jul, 09:15:53,  0.000
   50, 24 Jul, 09:16:53,  0.002
   51, 24 Jul, 09:17:53,  0.010
   52, 24 Jul, 09:18:53,  0.001
   53, 24 Jul, 09:19:53,  0.000
   54, 24 Jul, 09:20:53,  0.001
   55, 24 Jul, 09:21:53,  0.002
   56, 24 Jul, 09:22:53,  0.001
   57, 24 Jul, 09:23:53,  0.002
```

Unit 2 - Downwind

```
 58, 24 Jul, 09:24:53,  0.001
 59, 24 Jul, 09:25:53,  0.004
 60, 24 Jul, 09:26:53,  0.004
 61, 24 Jul, 09:27:53,  0.002
 62, 24 Jul, 09:28:53,  0.005
 63, 24 Jul, 09:29:53,  0.005
 64, 24 Jul, 09:30:53,  0.007
 65, 24 Jul, 09:31:53,  0.010
 66, 24 Jul, 09:32:53,  0.005
 67, 24 Jul, 09:33:53,  0.004
 68, 24 Jul, 09:34:53,  0.007
 69, 24 Jul, 09:35:53,  0.002
 70, 24 Jul, 09:36:53,  0.003
 71, 24 Jul, 09:37:53,  0.008
 72, 24 Jul, 09:38:53,  0.004
 73, 24 Jul, 09:39:53,  0.004
 74, 24 Jul, 09:40:53,  0.003
 75, 24 Jul, 09:41:53,  0.004
 76, 24 Jul, 09:42:53,  0.004
 77, 24 Jul, 09:43:53,  0.002
 78, 24 Jul, 09:44:53,  0.002
 79, 24 Jul, 09:45:53,  0.005
 80, 24 Jul, 09:46:53,  0.003
 81, 24 Jul, 09:47:53,  0.003
 82, 24 Jul, 09:48:53,  0.004
 83, 24 Jul, 09:49:53,  0.003
 84, 24 Jul, 09:50:53,  0.003
 85, 24 Jul, 09:51:53,  0.006
 86, 24 Jul, 09:52:53,  0.003
 87, 24 Jul, 09:53:53,  0.003
 88, 24 Jul, 09:54:53,  0.002
 89, 24 Jul, 09:55:53,  0.001
 90, 24 Jul, 09:56:53,  0.002
 91, 24 Jul, 09:57:53,  0.002
 92, 24 Jul, 09:58:53,  0.001
 93, 24 Jul, 09:59:53,  0.002
 94, 24 Jul, 10:00:53,  0.003
 95, 24 Jul, 10:01:53,  0.001
 96, 24 Jul, 10:02:53,  0.018
 97, 24 Jul, 10:03:53,  0.002
 98, 24 Jul, 10:04:53,  0.003
 99, 24 Jul, 10:05:53,  0.002
100, 24 Jul, 10:06:53,  0.001
101, 24 Jul, 10:07:53,  0.003
102, 24 Jul, 10:08:53,  0.002
103, 24 Jul, 10:09:53,  0.002
104, 24 Jul, 10:10:53,  0.003
105, 24 Jul, 10:11:53,  0.001
106, 24 Jul, 10:12:53,  0.001
107, 24 Jul, 10:13:53,  0.008
108, 24 Jul, 10:14:53,  0.001
109, 24 Jul, 10:15:53,  0.002
110, 24 Jul, 10:16:53,  0.001
111, 24 Jul, 10:17:53,  0.000
112, 24 Jul, 10:18:53,  0.002
113, 24 Jul, 10:19:53,  0.003
114, 24 Jul, 10:20:53,  0.002
115, 24 Jul, 10:21:53,  0.002
116, 24 Jul, 10:22:53,  0.001
117, 24 Jul, 10:23:53,  0.002
118, 24 Jul, 10:24:53,  0.003
119, 24 Jul, 10:25:53,  0.004
120, 24 Jul, 10:26:53,  0.005
121, 24 Jul, 10:27:53,  0.002
122, 24 Jul, 10:28:53,  0.002
123, 24 Jul, 10:29:53,  0.002
124, 24 Jul, 10:30:53,  0.002
125, 24 Jul, 10:31:53,  0.003
126, 24 Jul, 10:32:53,  0.001
127, 24 Jul, 10:33:53,  0.003
128, 24 Jul, 10:34:53,  0.001
```

```
129, 24 Jul, 10:35:53,  0.003
130, 24 Jul, 10:36:53,  0.001
131, 24 Jul, 10:37:53,  0.002
132, 24 Jul, 10:38:53,  0.001
133, 24 Jul, 10:39:53,  0.005
134, 24 Jul, 10:40:53,  0.001
135, 24 Jul, 10:41:53,  0.002
136, 24 Jul, 10:42:53,  0.002
137, 24 Jul, 10:43:53,  0.002
138, 24 Jul, 10:44:53,  0.003
139, 24 Jul, 10:45:53,  0.001
140, 24 Jul, 10:46:53,  0.005
141, 24 Jul, 10:47:53,  0.001
142, 24 Jul, 10:48:53,  0.002
143, 24 Jul, 10:49:53,  0.002
144, 24 Jul, 10:50:53,  0.001
145, 24 Jul, 10:51:53,  0.002
146, 24 Jul, 10:52:53,  0.002
147, 24 Jul, 10:53:53,  0.001
148, 24 Jul, 10:54:53,  0.002
149, 24 Jul, 10:55:53,  0.005
150, 24 Jul, 10:56:53,  0.007
151, 24 Jul, 10:57:53,  0.002
152, 24 Jul, 10:58:53,  0.007
153, 24 Jul, 10:59:53,  0.006
154, 24 Jul, 11:00:53,  0.006
155, 24 Jul, 11:01:53,  0.003
156, 24 Jul, 11:02:53,  0.004
157, 24 Jul, 11:03:53,  0.005
158, 24 Jul, 11:04:53,  0.006
159, 24 Jul, 11:05:53,  0.002
160, 24 Jul, 11:06:53,  0.006
161, 24 Jul, 11:07:53,  0.003
162, 24 Jul, 11:08:53,  0.004
163, 24 Jul, 11:09:53,  0.002
164, 24 Jul, 11:10:53,  0.008
165, 24 Jul, 11:11:53,  0.005
166, 24 Jul, 11:12:53,  0.003
167, 24 Jul, 11:13:53,  0.004
168, 24 Jul, 11:14:53,  0.004
169, 24 Jul, 11:15:53,  0.004
170, 24 Jul, 11:16:53,  0.006
171, 24 Jul, 11:17:53,  0.011
172, 24 Jul, 11:18:53,  0.004
173, 24 Jul, 11:19:53,  0.006
174, 24 Jul, 11:20:53,  0.008
175, 24 Jul, 11:21:53,  0.005
176, 24 Jul, 11:22:53,  0.002
177, 24 Jul, 11:23:53,  0.004
178, 24 Jul, 11:24:53,  0.010
179, 24 Jul, 11:25:53,  0.023
180, 24 Jul, 11:26:53,  0.008
181, 24 Jul, 11:27:53,  0.008
182, 24 Jul, 11:28:53,  0.008
183, 24 Jul, 11:29:53,  0.009
184, 24 Jul, 11:30:53,  0.014
185, 24 Jul, 11:31:53,  0.014
186, 24 Jul, 11:32:53,  0.013
187, 24 Jul, 11:33:53,  0.011
188, 24 Jul, 11:34:53,  0.006
189, 24 Jul, 11:35:53,  0.008
190, 24 Jul, 11:36:53,  0.007
191, 24 Jul, 11:37:53,  0.008
192, 24 Jul, 11:38:53,  0.007
193, 24 Jul, 11:39:53,  0.011
194, 24 Jul, 11:40:53,  0.006
195, 24 Jul, 11:41:53,  0.005
196, 24 Jul, 11:42:53,  0.009
197, 24 Jul, 11:43:53,  0.015
198, 24 Jul, 11:44:53,  0.009
199, 24 Jul, 11:45:53,  0.008
```

```
200, 24 Jul, 11:46:53,  0.008
201, 24 Jul, 11:47:53,  0.009
202, 24 Jul, 11:48:53,  0.009
203, 24 Jul, 11:49:53,  0.010
204, 24 Jul, 11:50:53,  0.009
205, 24 Jul, 11:51:53,  0.009
206, 24 Jul, 11:52:53,  0.005
207, 24 Jul, 11:53:53,  0.008
208, 24 Jul, 11:54:53,  0.007
209, 24 Jul, 11:55:53,  0.007
210, 24 Jul, 11:56:53,  0.008
211, 24 Jul, 11:57:53,  0.006
212, 24 Jul, 11:58:53,  0.008
213, 24 Jul, 11:59:53,  0.005
214, 24 Jul, 12:00:53,  0.008
215, 24 Jul, 12:01:53,  0.006
216, 24 Jul, 12:02:53,  0.009
217, 24 Jul, 12:03:53,  0.014
218, 24 Jul, 12:04:53,  0.006
219, 24 Jul, 12:05:53,  0.009
220, 24 Jul, 12:06:53,  0.012
221, 24 Jul, 12:07:53,  0.009
222, 24 Jul, 12:08:53,  0.010
223, 24 Jul, 12:09:53,  0.009
224, 24 Jul, 12:10:53,  0.015
225, 24 Jul, 12:11:53,  0.043
226, 24 Jul, 12:12:53,  0.020
227, 24 Jul, 12:13:53,  0.008
228, 24 Jul, 12:14:53,  0.007
229, 24 Jul, 12:15:53,  0.010
230, 24 Jul, 12:16:53,  0.009
231, 24 Jul, 12:17:53,  0.011
232, 24 Jul, 12:18:53,  0.011
233, 24 Jul, 12:19:53,  0.016
234, 24 Jul, 12:20:53,  0.007
235, 24 Jul, 12:21:53,  0.009
236, 24 Jul, 12:22:53,  0.008
237, 24 Jul, 12:23:53,  0.017
238, 24 Jul, 12:24:53,  0.008
239, 24 Jul, 12:25:53,  0.009
240, 24 Jul, 12:26:53,  0.011
241, 24 Jul, 12:27:53,  0.008
242, 24 Jul, 12:28:53,  0.008
243, 24 Jul, 12:29:53,  0.011
244, 24 Jul, 12:30:53,  0.008
245, 24 Jul, 12:31:53,  0.014
246, 24 Jul, 12:32:53,  0.008
247, 24 Jul, 12:33:53,  0.016
248, 24 Jul, 12:34:53,  0.012
249, 24 Jul, 12:35:53,  0.010
250, 24 Jul, 12:36:53,  0.010
251, 24 Jul, 12:37:53,  0.012
252, 24 Jul, 12:38:53,  0.010
253, 24 Jul, 12:39:53,  0.007
254, 24 Jul, 12:40:53,  0.007
255, 24 Jul, 12:41:53,  0.012
256, 24 Jul, 12:42:53,  0.023
257, 24 Jul, 12:43:53,  0.007
258, 24 Jul, 12:44:53,  0.010
259, 24 Jul, 12:45:53,  0.010
260, 24 Jul, 12:46:53,  0.009
261, 24 Jul, 12:47:53,  0.005
262, 24 Jul, 12:48:53,  0.008
263, 24 Jul, 12:49:53,  0.007
264, 24 Jul, 12:50:53,  0.015
265, 24 Jul, 12:51:53,  0.008
266, 24 Jul, 12:52:53,  0.008
267, 24 Jul, 12:53:53,  0.011
268, 24 Jul, 12:54:53,  0.009
269, 24 Jul, 12:55:53,  0.010
270, 24 Jul, 12:56:53,  0.015
```

```
271, 24 Jul, 12:57:53,    0.015
272, 24 Jul, 12:58:53,    0.009
273, 24 Jul, 12:59:53,    0.009
274, 24 Jul, 13:00:53,    0.010
275, 24 Jul, 13:01:53,    0.016
276, 24 Jul, 13:02:53,    0.043
277, 24 Jul, 13:03:53,    0.016
278, 24 Jul, 13:04:53,    0.016
279, 24 Jul, 13:05:53,    0.010
280, 24 Jul, 13:06:53,    0.008
281, 24 Jul, 13:07:53,    0.021
282, 24 Jul, 13:08:53,    0.010
```

pDR-1000 S/N: 08133 / Tag # 02 / Start time: Jul 24, 08:26:53
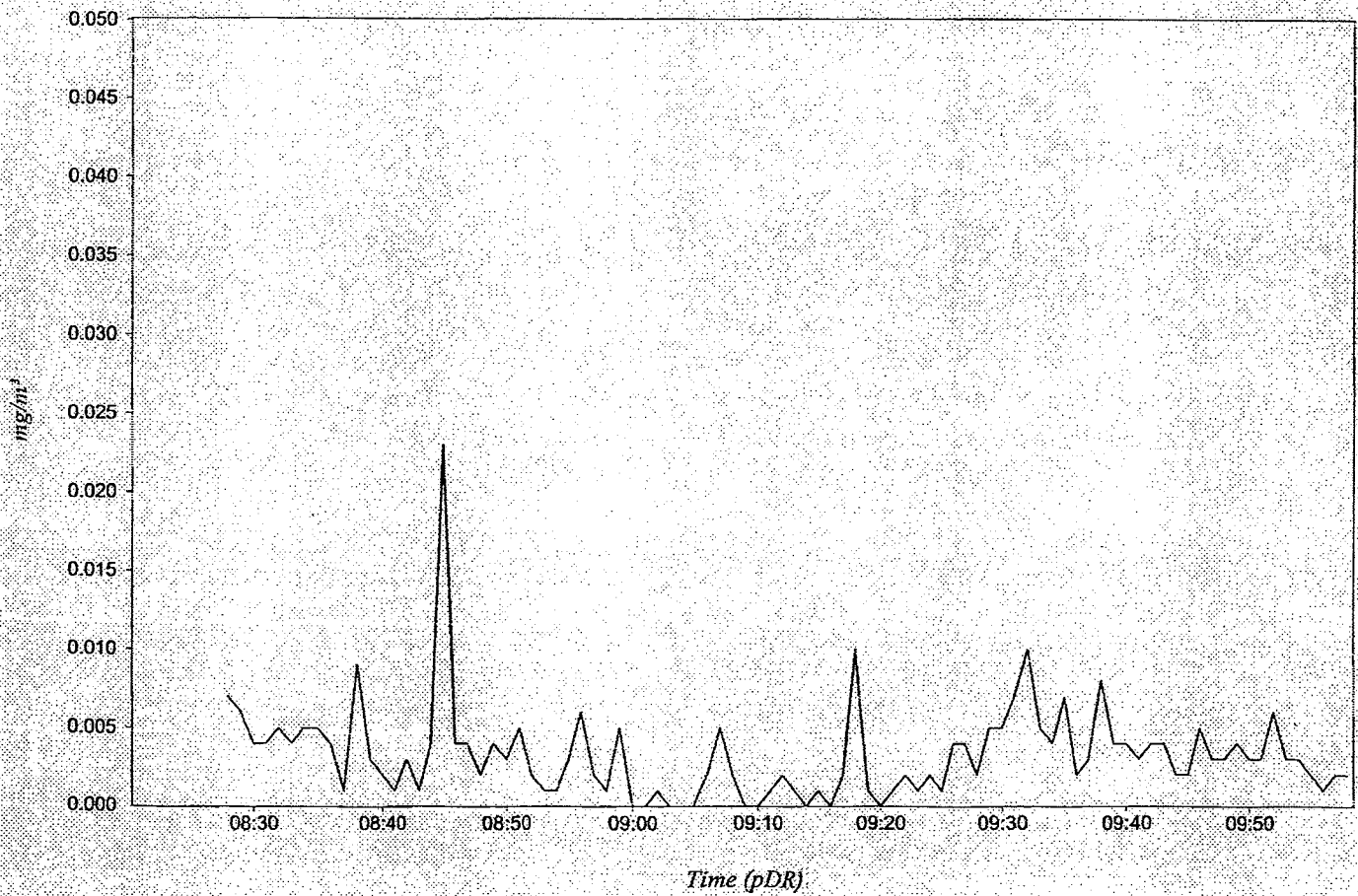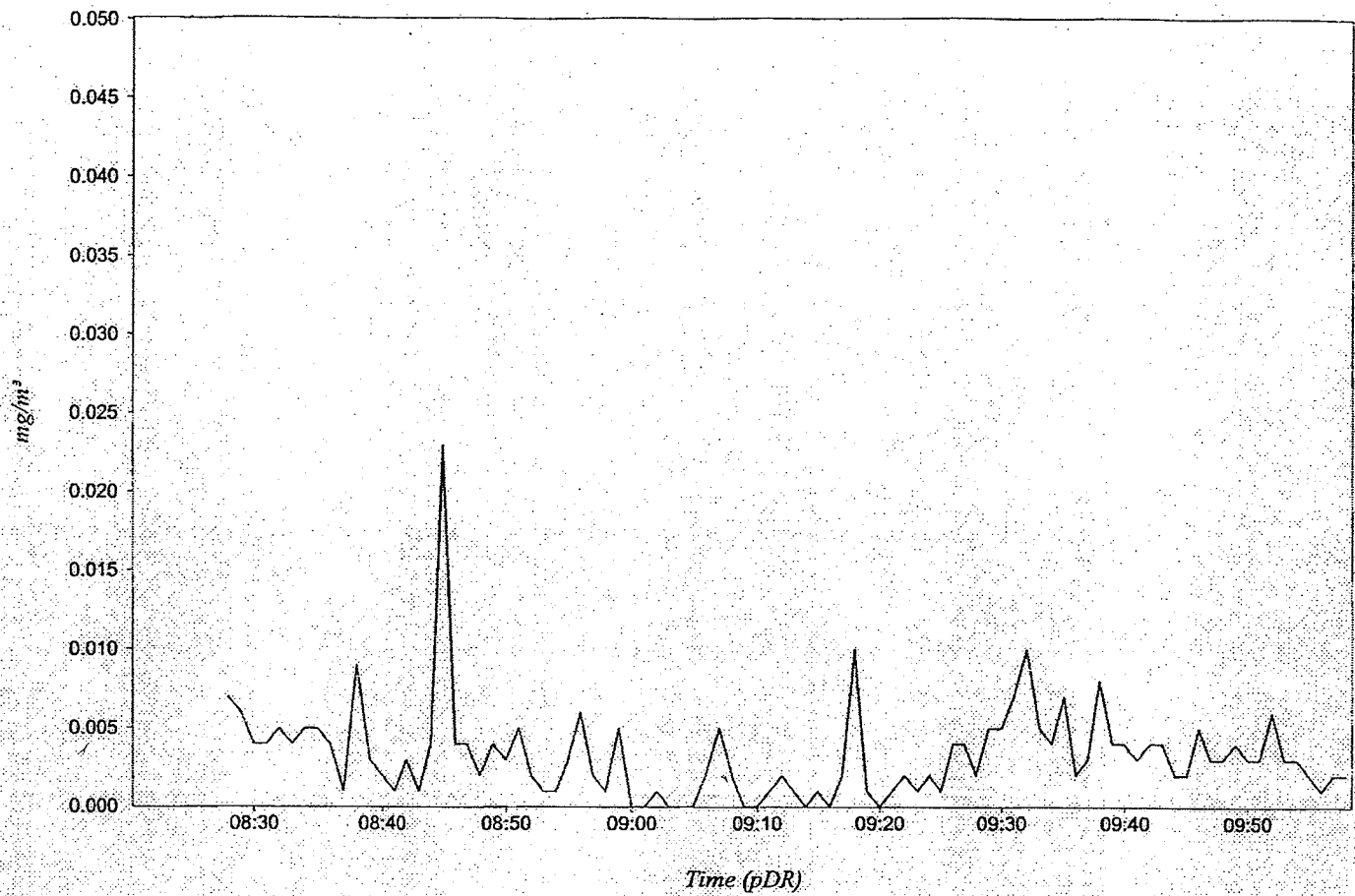
pDR-1000 S/N: 08133
Tag Number: 03
Number of logged points: 379
Start time and date: 06:52:30 25-Jul
Elapsed time: 06:19:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.123 mg/m³
Time at maximum: 08:19:03 Jul 25
Max STEL Concentration: 0.012 mg/m³
Time at max STEL: 07:07:31 Jul 25
Overall Avg Conc: 0.003 mg/m³
Logged Data:

Point,	Date,	Time,	Avg. (mg/m³)
1,	25 Jul,	06:53:30,	0.013
2,	25 Jul,	06:54:30,	0.020
3,	25 Jul,	06:55:30,	0.014
4,	25 Jul,	06:56:30,	0.010
5,	25 Jul,	06:57:30,	0.009
6,	25 Jul,	06:58:30,	0.011
7,	25 Jul,	06:59:30,	0.008
8,	25 Jul,	07:00:30,	0.016
9,	25 Jul,	07:01:30,	0.009
10,	25 Jul,	07:02:30,	0.011
11,	25 Jul,	07:03:30,	0.010
12,	25 Jul,	07:04:30,	0.009
13,	25 Jul,	07:05:30,	0.007
14,	25 Jul,	07:06:30,	0.010
15,	25 Jul,	07:07:30,	0.018
16,	25 Jul,	07:08:30,	0.007
17,	25 Jul,	07:09:30,	0.006
18,	25 Jul,	07:10:30,	0.015
19,	25 Jul,	07:11:30,	0.008
20,	25 Jul,	07:12:30,	0.008
21,	25 Jul,	07:13:30,	0.006
22,	25 Jul,	07:14:30,	0.005
23,	25 Jul,	07:15:30,	0.008
24,	25 Jul,	07:16:30,	0.007
25,	25 Jul,	07:17:30,	0.010
26,	25 Jul,	07:18:30,	0.008
27,	25 Jul,	07:19:30,	0.009
28,	25 Jul,	07:20:30,	0.010
29,	25 Jul,	07:21:30,	0.006
30,	25 Jul,	07:22:30,	0.012
31,	25 Jul,	07:23:30,	0.009
32,	25 Jul,	07:24:30,	0.005
33,	25 Jul,	07:25:30,	0.005
34,	25 Jul,	07:26:30,	0.006
35,	25 Jul,	07:27:30,	0.005
36,	25 Jul,	07:28:30,	0.004
37,	25 Jul,	07:29:30,	0.003
38,	25 Jul,	07:30:30,	0.002
39,	25 Jul,	07:31:30,	0.008
40,	25 Jul,	07:32:30,	0.002
41,	25 Jul,	07:33:30,	0.003
42,	25 Jul,	07:34:30,	0.001
43,	25 Jul,	07:35:30,	0.001
44,	25 Jul,	07:36:30,	0.002
45,	25 Jul,	07:37:30,	0.000
46,	25 Jul,	07:38:30,	0.001
47,	25 Jul,	07:39:30,	0.000
48,	25 Jul,	07:40:30,	0.000
49,	25 Jul,	07:41:30,	0.002
50,	25 Jul,	07:42:30,	0.000
51,	25 Jul,	07:43:30,	0.002
52,	25 Jul,	07:44:30,	0.002
53,	25 Jul,	07:45:30,	0.000
54,	25 Jul,	07:46:30,	0.000
55,	25 Jul,	07:47:30,	0.006
56,	25 Jul,	07:48:30,	0.000
57,	25 Jul,	07:49:30,	0.000

UNIT 1 - Upwind

```
 58, 25 Jul, 07:50:30,    0.000
 59, 25 Jul, 07:51:30,    0.000
 60, 25 Jul, 07:52:30,    0.000
 61, 25 Jul, 07:53:30,    0.000
 62, 25 Jul, 07:54:30,    0.002
 63, 25 Jul, 07:55:30,    0.001
 64, 25 Jul, 07:56:30,    0.001
 65, 25 Jul, 07:57:30,    0.001
 66, 25 Jul, 07:58:30,    0.000
 67, 25 Jul, 07:59:30,    0.000
 68, 25 Jul, 08:00:30,    0.000
 69, 25 Jul, 08:01:30,    0.000
 70, 25 Jul, 08:02:30,    0.000
 71, 25 Jul, 08:03:30,    0.000
 72, 25 Jul, 08:04:30,    0.000
 73, 25 Jul, 08:05:30,    0.000
 74, 25 Jul, 08:06:30,    0.000
 75, 25 Jul, 08:07:30,    0.004
 76, 25 Jul, 08:08:30,    0.000
 77, 25 Jul, 08:09:30,    0.000
 78, 25 Jul, 08:10:30,    0.000
 79, 25 Jul, 08:11:30,    0.000
 80, 25 Jul, 08:12:30,    0.001
 81, 25 Jul, 08:13:30,    0.000
 82, 25 Jul, 08:14:30,    0.000
 83, 25 Jul, 08:15:30,    0.003
 84, 25 Jul, 08:16:30,    0.000
 85, 25 Jul, 08:17:30,    0.009
 86, 25 Jul, 08:18:30,    0.000
 87, 25 Jul, 08:19:30,    0.025
 88, 25 Jul, 08:20:30,    0.001
 89, 25 Jul, 08:21:30,    0.001
 90, 25 Jul, 08:22:30,    0.003
 91, 25 Jul, 08:23:30,    0.000
 92, 25 Jul, 08:24:30,    0.000
 93, 25 Jul, 08:25:30,    0.000
 94, 25 Jul, 08:26:30,    0.000
 95, 25 Jul, 08:27:30,    0.000
 96, 25 Jul, 08:28:30,    0.001
 97, 25 Jul, 08:29:30,    0.000
 98, 25 Jul, 08:30:30,    0.000
 99, 25 Jul, 08:31:30,    0.000
100, 25 Jul, 08:32:30,    0.001
101, 25 Jul, 08:33:30,    0.000
102, 25 Jul, 08:34:30,    0.000
103, 25 Jul, 08:35:30,    0.000
104, 25 Jul, 08:36:30,    0.000
105, 25 Jul, 08:37:30,    0.000
106, 25 Jul, 08:38:30,    0.000
107, 25 Jul, 08:39:30,    0.000
108, 25 Jul, 08:40:30,    0.000
109, 25 Jul, 08:41:30,    0.000
110, 25 Jul, 08:42:30,    0.000
111, 25 Jul, 08:43:30,    0.000
112, 25 Jul, 08:44:30,    0.000
113, 25 Jul, 08:45:30,    0.000
114, 25 Jul, 08:46:30,    0.000
115, 25 Jul, 08:47:30,    0.000
116, 25 Jul, 08:48:30,    0.000
117, 25 Jul, 08:49:30,    0.000
118, 25 Jul, 08:50:30,    0.000
119, 25 Jul, 08:51:30,    0.000
120, 25 Jul, 08:52:30,    0.000
121, 25 Jul, 08:53:30,    0.000
122, 25 Jul, 08:54:30,    0.000
123, 25 Jul, 08:55:30,    0.000
124, 25 Jul, 08:56:30,    0.000
125, 25 Jul, 08:57:30,    0.002
126, 25 Jul, 08:58:30,    0.013
127, 25 Jul, 08:59:30,    0.018
128, 25 Jul, 09:00:30,    0.000
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129, 25 Jul, 09:01:30,   0.000
130, 25 Jul, 09:02:30,   0.000
131, 25 Jul, 09:03:30,   0.000
132, 25 Jul, 09:04:30,   0.000
133, 25 Jul, 09:05:30,   0.000
134, 25 Jul, 09:06:30,   0.000
135, 25 Jul, 09:07:30,   0.000
136, 25 Jul, 09:08:30,   0.000
137, 25 Jul, 09:09:30,   0.000
138, 25 Jul, 09:10:30,   0.000
139, 25 Jul, 09:11:30,   0.000
140, 25 Jul, 09:12:30,   0.000
141, 25 Jul, 09:13:30,   0.000
142, 25 Jul, 09:14:30,   0.000
143, 25 Jul, 09:15:30,   0.000
144, 25 Jul, 09:16:30,   0.000
145, 25 Jul, 09:17:30,   0.000
146, 25 Jul, 09:18:30,   0.000
147, 25 Jul, 09:19:30,   0.000
148, 25 Jul, 09:20:30,   0.000
149, 25 Jul, 09:21:30,   0.000
150, 25 Jul, 09:22:30,   0.000
151, 25 Jul, 09:23:30,   0.000
152, 25 Jul, 09:24:30,   0.000
153, 25 Jul, 09:25:30,   0.000
154, 25 Jul, 09:26:30,   0.000
155, 25 Jul, 09:27:30,   0.001
156, 25 Jul, 09:28:30,   0.000
157, 25 Jul, 09:29:30,   0.001
158, 25 Jul, 09:30:30,   0.004
159, 25 Jul, 09:31:30,   0.002
160, 25 Jul, 09:32:30,   0.009
161, 25 Jul, 09:33:30,   0.003
162, 25 Jul, 09:34:30,   0.003
163, 25 Jul, 09:35:30,   0.004
164, 25 Jul, 09:36:30,   0.004
165, 25 Jul, 09:37:30,   0.002
166, 25 Jul, 09:38:30,   0.001
167, 25 Jul, 09:39:30,   0.001
168, 25 Jul, 09:40:30,   0.001
169, 25 Jul, 09:41:30,   0.001
170, 25 Jul, 09:42:30,   0.002
171, 25 Jul, 09:43:30,   0.004
172, 25 Jul, 09:44:30,   0.002
173, 25 Jul, 09:45:30,   0.002
174, 25 Jul, 09:46:30,   0.003
175, 25 Jul, 09:47:30,   0.001
176, 25 Jul, 09:48:30,   0.001
177, 25 Jul, 09:49:30,   0.007
178, 25 Jul, 09:50:30,   0.005
179, 25 Jul, 09:51:30,   0.002
180, 25 Jul, 09:52:30,   0.001
181, 25 Jul, 09:53:30,   0.001
182, 25 Jul, 09:54:30,   0.002
183, 25 Jul, 09:55:30,   0.001
184, 25 Jul, 09:56:30,   0.001
185, 25 Jul, 09:57:30,   0.001
186, 25 Jul, 09:58:30,   0.001
187, 25 Jul, 09:59:30,   0.002
188, 25 Jul, 10:00:30,   0.000
189, 25 Jul, 10:01:30,   0.001
190, 25 Jul, 10:02:30,   0.002
191, 25 Jul, 10:03:30,   0.000
192, 25 Jul, 10:04:30,   0.000
193, 25 Jul, 10:05:30,   0.016
194, 25 Jul, 10:06:30,   0.003
195, 25 Jul, 10:07:30,   0.001
196, 25 Jul, 10:08:30,   0.002
197, 25 Jul, 10:09:30,   0.012
198, 25 Jul, 10:10:30,   0.005
199, 25 Jul, 10:11:30,   0.004
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200, 25 Jul, 10:12:30,  0.003
201, 25 Jul, 10:13:30,  0.005
202, 25 Jul, 10:14:30,  0.005
203, 25 Jul, 10:15:30,  0.003
204, 25 Jul, 10:16:30,  0.003
205, 25 Jul, 10:17:30,  0.002
206, 25 Jul, 10:18:30,  0.002
207, 25 Jul, 10:19:30,  0.001
208, 25 Jul, 10:20:30,  0.011
209, 25 Jul, 10:21:30,  0.014
210, 25 Jul, 10:22:30,  0.005
211, 25 Jul, 10:23:30,  0.004
212, 25 Jul, 10:24:30,  0.002
213, 25 Jul, 10:25:30,  0.002
214, 25 Jul, 10:26:30,  0.001
215, 25 Jul, 10:27:30,  0.005
216, 25 Jul, 10:28:30,  0.002
217, 25 Jul, 10:29:30,  0.004
218, 25 Jul, 10:30:30,  0.006
219, 25 Jul, 10:31:30,  0.008
220, 25 Jul, 10:32:30,  0.001
221, 25 Jul, 10:33:30,  0.007
222, 25 Jul, 10:34:30,  0.004
223, 25 Jul, 10:35:30,  0.009
224, 25 Jul, 10:36:30,  0.003
225, 25 Jul, 10:37:30,  0.005
226, 25 Jul, 10:38:30,  0.003
227, 25 Jul, 10:39:30,  0.002
228, 25 Jul, 10:40:30,  0.009
229, 25 Jul, 10:41:30,  0.004
230, 25 Jul, 10:42:30,  0.003
231, 25 Jul, 10:43:30,  0.008
232, 25 Jul, 10:44:30,  0.003
233, 25 Jul, 10:45:30,  0.007
234, 25 Jul, 10:46:30,  0.004
235, 25 Jul, 10:47:30,  0.006
236, 25 Jul, 10:48:30,  0.005
237, 25 Jul, 10:49:30,  0.003
238, 25 Jul, 10:50:30,  0.010
239, 25 Jul, 10:51:30,  0.007
240, 25 Jul, 10:52:30,  0.005
241, 25 Jul, 10:53:30,  0.004
242, 25 Jul, 10:54:30,  0.003
243, 25 Jul, 10:55:30,  0.006
244, 25 Jul, 10:56:30,  0.011
245, 25 Jul, 10:57:30,  0.006
246, 25 Jul, 10:58:30,  0.004
247, 25 Jul, 10:59:30,  0.005
248, 25 Jul, 11:00:30,  0.006
249, 25 Jul, 11:01:30,  0.014
250, 25 Jul, 11:02:30,  0.006
251, 25 Jul, 11:03:30,  0.011
252, 25 Jul, 11:04:30,  0.007
253, 25 Jul, 11:05:30,  0.006
254, 25 Jul, 11:06:30,  0.004
255, 25 Jul, 11:07:30,  0.021
256, 25 Jul, 11:08:30,  0.003
257, 25 Jul, 11:09:30,  0.004
258, 25 Jul, 11:10:30,  0.012
259, 25 Jul, 11:11:30,  0.008
260, 25 Jul, 11:12:30,  0.012
261, 25 Jul, 11:13:30,  0.012
262, 25 Jul, 11:14:30,  0.011
263, 25 Jul, 11:15:30,  0.006
264, 25 Jul, 11:16:30,  0.005
265, 25 Jul, 11:17:30,  0.004
266, 25 Jul, 11:18:30,  0.009
267, 25 Jul, 11:19:30,  0.038
268, 25 Jul, 11:20:30,  0.019
269, 25 Jul, 11:21:30,  0.009
270, 25 Jul, 11:22:30,  0.005
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271, 25 Jul, 11:23:30,  0.002
272, 25 Jul, 11:24:30,  0.003
273, 25 Jul, 11:25:30,  0.003
274, 25 Jul, 11:26:30,  0.006
275, 25 Jul, 11:27:30,  0.004
276, 25 Jul, 11:28:30,  0.005
277, 25 Jul, 11:29:30,  0.004
278, 25 Jul, 11:30:30,  0.003
279, 25 Jul, 11:31:30,  0.003
280, 25 Jul, 11:32:30,  0.003
281, 25 Jul, 11:33:30,  0.003
282, 25 Jul, 11:34:30,  0.003
283, 25 Jul, 11:35:30,  0.004
284, 25 Jul, 11:36:30,  0.003
285, 25 Jul, 11:37:30,  0.003
286, 25 Jul, 11:38:30,  0.004
287, 25 Jul, 11:39:30,  0.010
288, 25 Jul, 11:40:30,  0.007
289, 25 Jul, 11:41:30,  0.003
290, 25 Jul, 11:42:30,  0.004
291, 25 Jul, 11:43:30,  0.006
292, 25 Jul, 11:44:30,  0.005
293, 25 Jul, 11:45:30,  0.005
294, 25 Jul, 11:46:30,  0.011
295, 25 Jul, 11:47:30,  0.006
296, 25 Jul, 11:48:30,  0.005
297, 25 Jul, 11:49:30,  0.007
298, 25 Jul, 11:50:30,  0.006
299, 25 Jul, 11:51:30,  0.006
300, 25 Jul, 11:52:30,  0.011
301, 25 Jul, 11:53:30,  0.005
302, 25 Jul, 11:54:30,  0.009
303, 25 Jul, 11:55:30,  0.007
304, 25 Jul, 11:56:30,  0.007
305, 25 Jul, 11:57:30,  0.009
306, 25 Jul, 11:58:30,  0.005
307, 25 Jul, 11:59:30,  0.009
308, 25 Jul, 12:00:30,  0.009
309, 25 Jul, 12:01:30,  0.007
310, 25 Jul, 12:02:30,  0.007
311, 25 Jul, 12:03:30,  0.006
312, 25 Jul, 12:04:30,  0.007
313, 25 Jul, 12:05:30,  0.006
314, 25 Jul, 12:06:30,  0.008
315, 25 Jul, 12:07:30,  0.006
316, 25 Jul, 12:08:30,  0.007
317, 25 Jul, 12:09:30,  0.006
318, 25 Jul, 12:10:30,  0.007
319, 25 Jul, 12:11:30,  0.005
320, 25 Jul, 12:12:30,  0.007
321, 25 Jul, 12:13:30,  0.007
322, 25 Jul, 12:14:30,  0.006
323, 25 Jul, 12:15:30,  0.006
324, 25 Jul, 12:16:30,  0.007
325, 25 Jul, 12:17:30,  0.012
326, 25 Jul, 12:18:30,  0.011
327, 25 Jul, 12:19:30,  0.007
328, 25 Jul, 12:20:30,  0.005
329, 25 Jul, 12:21:30,  0.008
330, 25 Jul, 12:22:30,  0.006
331, 25 Jul, 12:23:30,  0.005
332, 25 Jul, 12:24:30,  0.006
333, 25 Jul, 12:25:30,  0.005
334, 25 Jul, 12:26:30,  0.007
335, 25 Jul, 12:27:30,  0.006
336, 25 Jul, 12:28:30,  0.006
337, 25 Jul, 12:29:30,  0.007
338, 25 Jul, 12:30:30,  0.009
339, 25 Jul, 12:31:30,  0.007
340, 25 Jul, 12:32:30,  0.010
341, 25 Jul, 12:33:30,  0.008
```

```
342, 25 Jul, 12:34:30,   0.007
343, 25 Jul, 12:35:30,   0.006
344, 25 Jul, 12:36:30,   0.005
345, 25 Jul, 12:37:30,   0.006
346, 25 Jul, 12:38:30,   0.006
347, 25 Jul, 12:39:30,   0.008
348, 25 Jul, 12:40:30,   0.007
349, 25 Jul, 12:41:30,   0.008
350, 25 Jul, 12:42:30,   0.010
351, 25 Jul, 12:43:30,   0.006
352, 25 Jul, 12:44:30,   0.005
353, 25 Jul, 12:45:30,   0.007
354, 25 Jul, 12:46:30,   0.010
355, 25 Jul, 12:47:30,   0.006
356, 25 Jul, 12:48:30,   0.009
357, 25 Jul, 12:49:30,   0.006
358, 25 Jul, 12:50:30,   0.007
359, 25 Jul, 12:51:30,   0.007
360, 25 Jul, 12:52:30,   0.007
361, 25 Jul, 12:53:30,   0.006
362, 25 Jul, 12:54:30,   0.006
363, 25 Jul, 12:55:30,   0.007
364, 25 Jul, 12:56:30,   0.008
365, 25 Jul, 12:57:30,   0.006
366, 25 Jul, 12:58:30,   0.005
367, 25 Jul, 12:59:30,   0.006
368, 25 Jul, 13:00:30,   0.005
369, 25 Jul, 13:01:30,   0.005
370, 25 Jul, 13:02:30,   0.013
371, 25 Jul, 13:03:30,   0.012
372, 25 Jul, 13:04:30,   0.022
373, 25 Jul, 13:05:30,   0.007
374, 25 Jul, 13:06:30,   0.007
375, 25 Jul, 13:07:30,   0.006
376, 25 Jul, 13:08:30,   0.006
377, 25 Jul, 13:09:30,   0.006
378, 25 Jul, 13:10:30,   0.007
379, 25 Jul, 13:11:30,   0.007
```

pDR-1000 S/N: 08133 / Tag # 03 / Start time: Jul 25, 06:52:30
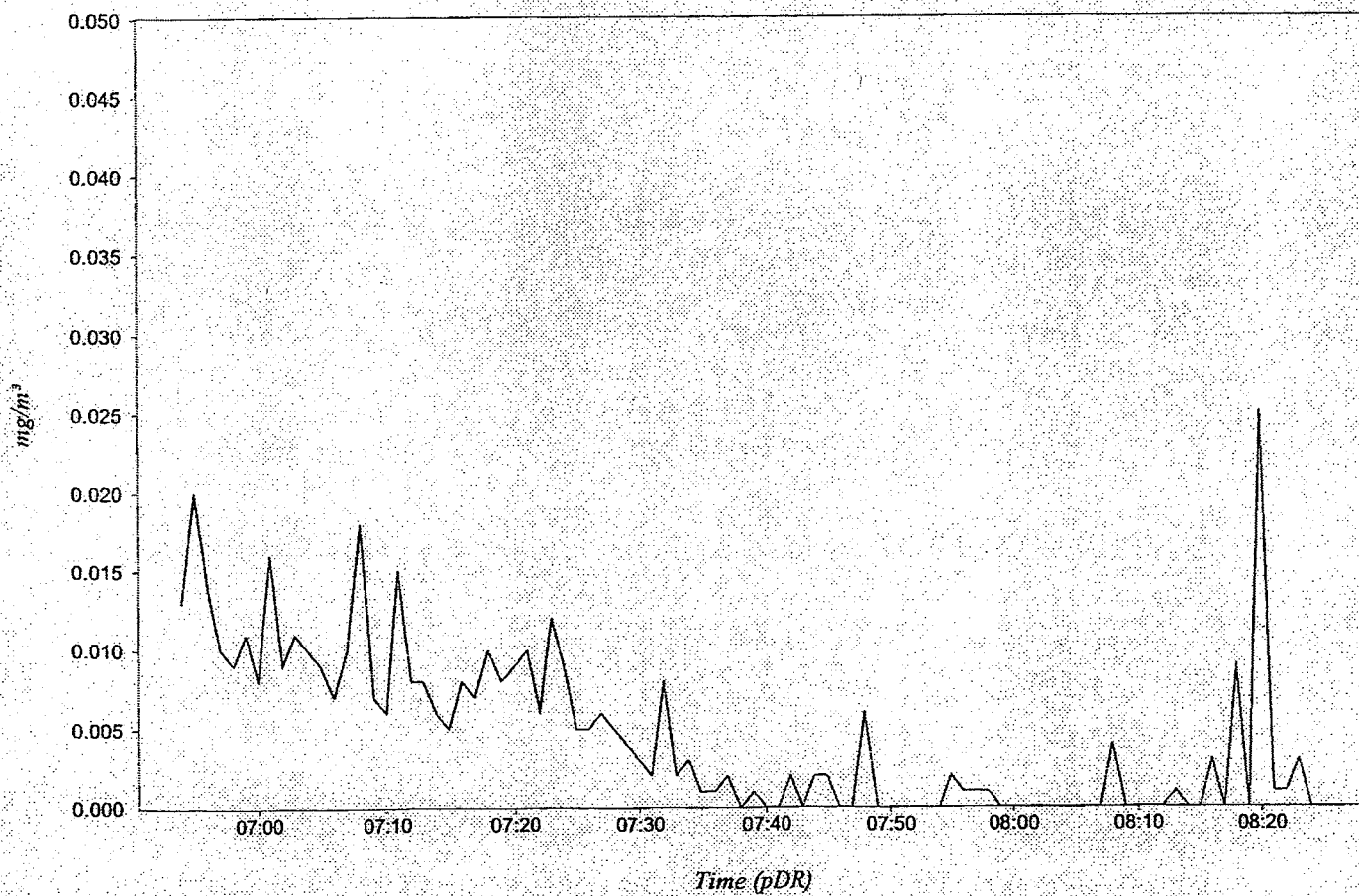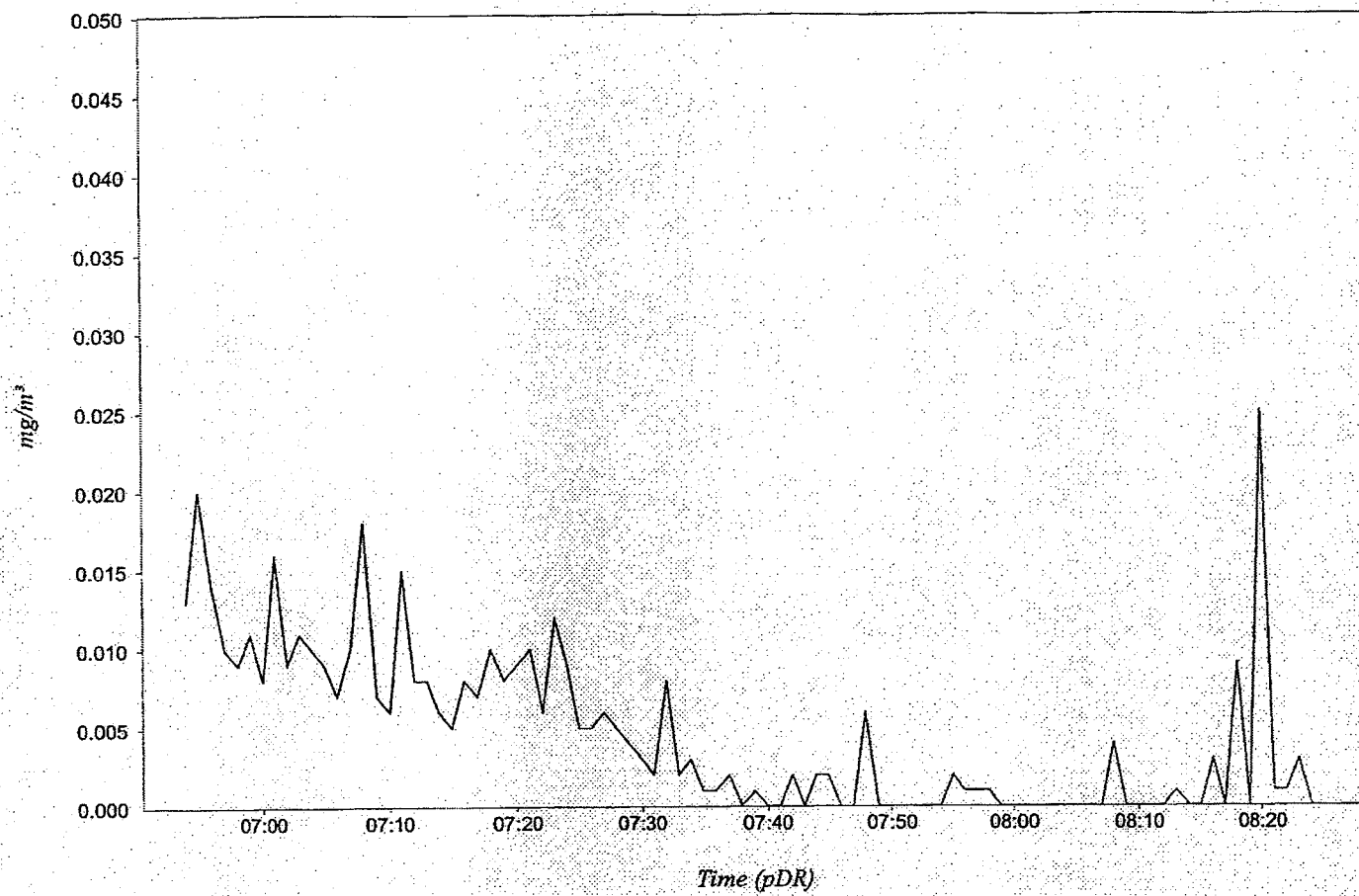
pDR-1000 S/N: 08133
Tag Number: 05
Number of logged points: 385
Start time and date: 06:47:28 25-Jul
Elapsed time: 06:25:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.507 mg/m³
Time at maximum: 06:54:35 Jul 25
Max STEL Concentration: 0.032 mg/m³
Time at max STEL: 08:23:58 Jul 25
Overall Avg Conc: 0.015 mg/m³
Logged Data:
Point, Date , Time   , Avg. (mg/m³)
    1, 25 Jul, 06:48:28, 0.014
    2, 25 Jul, 06:49:28, 0.016
    3, 25 Jul, 06:50:28, 0.011
    4, 25 Jul, 06:51:28, 0.032
    5, 25 Jul, 06:52:28, 0.013
    6, 25 Jul, 06:53:28, 0.058
    7, 25 Jul, 06:54:28, 0.085
    8, 25 Jul, 06:55:28, 0.094
    9, 25 Jul, 06:56:28, 0.039
   10, 25 Jul, 06:57:28, 0.028
   11, 25 Jul, 06:58:28, 0.016
   12, 25 Jul, 06:59:28, 0.012
   13, 25 Jul, 07:00:28, 0.013
   14, 25 Jul, 07:01:28, 0.015
   15, 25 Jul, 07:02:28, 0.016
   16, 25 Jul, 07:03:28, 0.019
   17, 25 Jul, 07:04:28, 0.016
   18, 25 Jul, 07:05:28, 0.015
   19, 25 Jul, 07:06:28, 0.019
   20, 25 Jul, 07:07:28, 0.016
   21, 25 Jul, 07:08:28, 0.022
   22, 25 Jul, 07:09:28, 0.017
   23, 25 Jul, 07:10:28, 0.017
   24, 25 Jul, 07:11:28, 0.018
   25, 25 Jul, 07:12:28, 0.014
   26, 25 Jul, 07:13:28, 0.021
   27, 25 Jul, 07:14:28, 0.018
   28, 25 Jul, 07:15:28, 0.015
   29, 25 Jul, 07:16:28, 0.017
   30, 25 Jul, 07:17:28, 0.016
   31, 25 Jul, 07:18:28, 0.020
   32, 25 Jul, 07:19:28, 0.019
   33, 25 Jul, 07:20:28, 0.020
   34, 25 Jul, 07:21:28, 0.015
   35, 25 Jul, 07:22:28, 0.019
   36, 25 Jul, 07:23:28, 0.016
   37, 25 Jul, 07:24:28, 0.016
   38, 25 Jul, 07:25:28, 0.025
   39, 25 Jul, 07:26:28, 0.018
   40, 25 Jul, 07:27:28, 0.025
   41, 25 Jul, 07:28:28, 0.021
   42, 25 Jul, 07:29:28, 0.016
   43, 25 Jul, 07:30:28, 0.018
   44, 25 Jul, 07:31:28, 0.018
   45, 25 Jul, 07:32:28, 0.019
   46, 25 Jul, 07:33:28, 0.024
   47, 25 Jul, 07:34:28, 0.020
   48, 25 Jul, 07:35:28, 0.025
   49, 25 Jul, 07:36:28, 0.022
   50, 25 Jul, 07:37:28, 0.019
   51, 25 Jul, 07:38:28, 0.020
   52, 25 Jul, 07:39:28, 0.020
   53, 25 Jul, 07:40:28, 0.020
   54, 25 Jul, 07:41:28, 0.024
   55, 25 Jul, 07:42:28, 0.019
   56, 25 Jul, 07:43:28, 0.020
   57, 25 Jul, 07:44:28, 0.022

Unit 2 - Downwind

```
 58, 25 Jul, 07:45:28,  0.021
 59, 25 Jul, 07:46:28,  0.021
 60, 25 Jul, 07:47:28,  0.023
 61, 25 Jul, 07:48:28,  0.028
 62, 25 Jul, 07:49:28,  0.025
 63, 25 Jul, 07:50:28,  0.029
 64, 25 Jul, 07:51:28,  0.021
 65, 25 Jul, 07:52:28,  0.022
 66, 25 Jul, 07:53:28,  0.027
 67, 25 Jul, 07:54:28,  0.025
 68, 25 Jul, 07:55:28,  0.027
 69, 25 Jul, 07:56:28,  0.023
 70, 25 Jul, 07:57:28,  0.033
 71, 25 Jul, 07:58:28,  0.031
 72, 25 Jul, 07:59:28,  0.023
 73, 25 Jul, 08:00:28,  0.024
 74, 25 Jul, 08:01:28,  0.022
 75, 25 Jul, 08:02:28,  0.027
 76, 25 Jul, 08:03:28,  0.023
 77, 25 Jul, 08:04:28,  0.022
 78, 25 Jul, 08:05:28,  0.021
 79, 25 Jul, 08:06:28,  0.023
 80, 25 Jul, 08:07:28,  0.023
 81, 25 Jul, 08:08:28,  0.021
 82, 25 Jul, 08:09:28,  0.021
 83, 25 Jul, 08:10:28,  0.022
 84, 25 Jul, 08:11:28,  0.040
 85, 25 Jul, 08:12:28,  0.025
 86, 25 Jul, 08:13:28,  0.023
 87, 25 Jul, 08:14:28,  0.023
 88, 25 Jul, 08:15:28,  0.026
 89, 25 Jul, 08:16:28,  0.041
 90, 25 Jul, 08:17:28,  0.030
 91, 25 Jul, 08:18:28,  0.029
 92, 25 Jul, 08:19:28,  0.048
 93, 25 Jul, 08:20:28,  0.059
 94, 25 Jul, 08:21:28,  0.024
 95, 25 Jul, 08:22:28,  0.027
 96, 25 Jul, 08:23:28,  0.032
 97, 25 Jul, 08:24:28,  0.024
 98, 25 Jul, 08:25:28,  0.024
 99, 25 Jul, 08:26:28,  0.025
100, 25 Jul, 08:27:28,  0.033
101, 25 Jul, 08:28:28,  0.030
102, 25 Jul, 08:29:28,  0.024
103, 25 Jul, 08:30:28,  0.022
104, 25 Jul, 08:31:28,  0.022
105, 25 Jul, 08:32:28,  0.023
106, 25 Jul, 08:33:28,  0.024
107, 25 Jul, 08:34:28,  0.023
108, 25 Jul, 08:35:28,  0.025
109, 25 Jul, 08:36:28,  0.025
110, 25 Jul, 08:37:28,  0.041
111, 25 Jul, 08:38:28,  0.029
112, 25 Jul, 08:39:28,  0.029
113, 25 Jul, 08:40:28,  0.030
114, 25 Jul, 08:41:28,  0.025
115, 25 Jul, 08:42:28,  0.028
116, 25 Jul, 08:43:28,  0.031
117, 25 Jul, 08:44:28,  0.028
118, 25 Jul, 08:45:28,  0.025
119, 25 Jul, 08:46:28,  0.024
120, 25 Jul, 08:47:28,  0.026
121, 25 Jul, 08:48:28,  0.022
122, 25 Jul, 08:49:28,  0.025
123, 25 Jul, 08:50:28,  0.024
124, 25 Jul, 08:51:28,  0.024
125, 25 Jul, 08:52:28,  0.023
126, 25 Jul, 08:53:28,  0.024
127, 25 Jul, 08:54:28,  0.025
128, 25 Jul, 08:55:28,  0.027
```

```
129,  25 Jul,  08:56:28,   0.022
130,  25 Jul,  08:57:28,   0.027
131,  25 Jul,  08:58:28,   0.026
132,  25 Jul,  08:59:28,   0.021
133,  25 Jul,  09:00:28,   0.022
134,  25 Jul,  09:01:28,   0.022
135,  25 Jul,  09:02:28,   0.029
136,  25 Jul,  09:03:28,   0.032
137,  25 Jul,  09:04:28,   0.023
138,  25 Jul,  09:05:28,   0.024
139,  25 Jul,  09:06:28,   0.025
140,  25 Jul,  09:07:28,   0.026
141,  25 Jul,  09:08:28,   0.025
142,  25 Jul,  09:09:28,   0.026
143,  25 Jul,  09:10:28,   0.025
144,  25 Jul,  09:11:28,   0.022
145,  25 Jul,  09:12:28,   0.024
146,  25 Jul,  09:13:28,   0.023
147,  25 Jul,  09:14:28,   0.023
148,  25 Jul,  09:15:28,   0.021
149,  25 Jul,  09:16:28,   0.020
150,  25 Jul,  09:17:28,   0.023
151,  25 Jul,  09:18:28,   0.021
152,  25 Jul,  09:19:28,   0.020
153,  25 Jul,  09:20:28,   0.020
154,  25 Jul,  09:21:28,   0.021
155,  25 Jul,  09:22:28,   0.019
156,  25 Jul,  09:23:28,   0.020
157,  25 Jul,  09:24:28,   0.018
158,  25 Jul,  09:25:28,   0.020
159,  25 Jul,  09:26:28,   0.019
160,  25 Jul,  09:27:28,   0.017
161,  25 Jul,  09:28:28,   0.016
162,  25 Jul,  09:29:28,   0.017
163,  25 Jul,  09:30:28,   0.019
164,  25 Jul,  09:31:28,   0.019
165,  25 Jul,  09:32:28,   0.017
166,  25 Jul,  09:33:28,   0.020
167,  25 Jul,  09:34:28,   0.014
168,  25 Jul,  09:35:28,   0.012
169,  25 Jul,  09:36:28,   0.013
170,  25 Jul,  09:37:28,   0.013
171,  25 Jul,  09:38:28,   0.015
172,  25 Jul,  09:39:28,   0.014
173,  25 Jul,  09:40:28,   0.015
174,  25 Jul,  09:41:28,   0.014
175,  25 Jul,  09:42:28,   0.012
176,  25 Jul,  09:43:28,   0.014
177,  25 Jul,  09:44:28,   0.015
178,  25 Jul,  09:45:28,   0.015
179,  25 Jul,  09:46:28,   0.019
180,  25 Jul,  09:47:28,   0.014
181,  25 Jul,  09:48:28,   0.012
182,  25 Jul,  09:49:28,   0.013
183,  25 Jul,  09:50:28,   0.011
184,  25 Jul,  09:51:28,   0.012
185,  25 Jul,  09:52:28,   0.013
186,  25 Jul,  09:53:28,   0.012
187,  25 Jul,  09:54:28,   0.014
188,  25 Jul,  09:55:28,   0.013
189,  25 Jul,  09:56:28,   0.012
190,  25 Jul,  09:57:28,   0.018
191,  25 Jul,  09:58:28,   0.013
192,  25 Jul,  09:59:28,   0.011
193,  25 Jul,  10:00:28,   0.012
194,  25 Jul,  10:01:28,   0.011
195,  25 Jul,  10:02:28,   0.013
196,  25 Jul,  10:03:28,   0.011
197,  25 Jul,  10:04:28,   0.010
198,  25 Jul,  10:05:28,   0.012
199,  25 Jul,  10:06:28,   0.010
```

```
200, 25 Jul, 10:07:28,  0.011
201, 25 Jul, 10:08:28,  0.013
202, 25 Jul, 10:09:28,  0.012
203, 25 Jul, 10:10:28,  0.010
204, 25 Jul, 10:11:28,  0.012
205, 25 Jul, 10:12:28,  0.010
206, 25 Jul, 10:13:28,  0.012
207, 25 Jul, 10:14:28,  0.010
208, 25 Jul, 10:15:28,  0.012
209, 25 Jul, 10:16:28,  0.012
210, 25 Jul, 10:17:28,  0.009
211, 25 Jul, 10:18:28,  0.010
212, 25 Jul, 10:19:28,  0.010
213, 25 Jul, 10:20:28,  0.010
214, 25 Jul, 10:21:28,  0.009
215, 25 Jul, 10:22:28,  0.016
216, 25 Jul, 10:23:28,  0.010
217, 25 Jul, 10:24:28,  0.010
218, 25 Jul, 10:25:28,  0.009
219, 25 Jul, 10:26:28,  0.009
220, 25 Jul, 10:27:28,  0.011
221, 25 Jul, 10:28:28,  0.009
222, 25 Jul, 10:29:28,  0.009
223, 25 Jul, 10:30:28,  0.008
224, 25 Jul, 10:31:28,  0.010
225, 25 Jul, 10:32:28,  0.010
226, 25 Jul, 10:33:28,  0.009
227, 25 Jul, 10:34:28,  0.008
228, 25 Jul, 10:35:28,  0.009
229, 25 Jul, 10:36:28,  0.017
230, 25 Jul, 10:37:28,  0.009
231, 25 Jul, 10:38:28,  0.009
232, 25 Jul, 10:39:28,  0.007
233, 25 Jul, 10:40:28,  0.009
234, 25 Jul, 10:41:28,  0.009
235, 25 Jul, 10:42:28,  0.009
236, 25 Jul, 10:43:28,  0.012
237, 25 Jul, 10:44:28,  0.009
238, 25 Jul, 10:45:28,  0.010
239, 25 Jul, 10:46:28,  0.008
240, 25 Jul, 10:47:28,  0.009
241, 25 Jul, 10:48:28,  0.009
242, 25 Jul, 10:49:28,  0.021
243, 25 Jul, 10:50:28,  0.019
244, 25 Jul, 10:51:28,  0.009
245, 25 Jul, 10:52:28,  0.008
246, 25 Jul, 10:53:28,  0.010
247, 25 Jul, 10:54:28,  0.010
248, 25 Jul, 10:55:28,  0.008
249, 25 Jul, 10:56:28,  0.009
250, 25 Jul, 10:57:28,  0.008
251, 25 Jul, 10:58:28,  0.007
252, 25 Jul, 10:59:28,  0.008
253, 25 Jul, 11:00:28,  0.008
254, 25 Jul, 11:01:28,  0.009
255, 25 Jul, 11:02:28,  0.009
256, 25 Jul, 11:03:28,  0.009
257, 25 Jul, 11:04:28,  0.011
258, 25 Jul, 11:05:28,  0.010
259, 25 Jul, 11:06:28,  0.010
260, 25 Jul, 11:07:28,  0.012
261, 25 Jul, 11:08:28,  0.011
262, 25 Jul, 11:09:28,  0.010
263, 25 Jul, 11:10:28,  0.009
264, 25 Jul, 11:11:28,  0.008
265, 25 Jul, 11:12:28,  0.008
266, 25 Jul, 11:13:28,  0.012
267, 25 Jul, 11:14:28,  0.010
268, 25 Jul, 11:15:28,  0.010
269, 25 Jul, 11:16:28,  0.010
270, 25 Jul, 11:17:28,  0.018
```

```
271, 25 Jul, 11:18:28,  0.007
272, 25 Jul, 11:19:28,  0.007
273, 25 Jul, 11:20:28,  0.008
274, 25 Jul, 11:21:28,  0.007
275, 25 Jul, 11:22:28,  0.006
276, 25 Jul, 11:23:28,  0.007
277, 25 Jul, 11:24:28,  0.005
278, 25 Jul, 11:25:28,  0.007
279, 25 Jul, 11:26:28,  0.006
280, 25 Jul, 11:27:28,  0.006
281, 25 Jul, 11:28:28,  0.005
282, 25 Jul, 11:29:28,  0.005
283, 25 Jul, 11:30:28,  0.007
284, 25 Jul, 11:31:28,  0.006
285, 25 Jul, 11:32:28,  0.005
286, 25 Jul, 11:33:28,  0.008
287, 25 Jul, 11:34:28,  0.007
288, 25 Jul, 11:35:28,  0.010
289, 25 Jul, 11:36:28,  0.013
290, 25 Jul, 11:37:28,  0.009
291, 25 Jul, 11:38:28,  0.008
292, 25 Jul, 11:39:28,  0.004
293, 25 Jul, 11:40:28,  0.006
294, 25 Jul, 11:41:28,  0.008
295, 25 Jul, 11:42:28,  0.005
296, 25 Jul, 11:43:28,  0.006
297, 25 Jul, 11:44:28,  0.004
298, 25 Jul, 11:45:28,  0.006
299, 25 Jul, 11:46:28,  0.005
300, 25 Jul, 11:47:28,  0.006
301, 25 Jul, 11:48:28,  0.005
302, 25 Jul, 11:49:28,  0.006
303, 25 Jul, 11:50:28,  0.007
304, 25 Jul, 11:51:28,  0.007
305, 25 Jul, 11:52:28,  0.006
306, 25 Jul, 11:53:28,  0.007
307, 25 Jul, 11:54:28,  0.006
308, 25 Jul, 11:55:28,  0.006
309, 25 Jul, 11:56:28,  0.007
310, 25 Jul, 11:57:28,  0.007
311, 25 Jul, 11:58:28,  0.006
312, 25 Jul, 11:59:28,  0.006
313, 25 Jul, 12:00:28,  0.006
314, 25 Jul, 12:01:28,  0.007
315, 25 Jul, 12:02:28,  0.005
316, 25 Jul, 12:03:28,  0.007
317, 25 Jul, 12:04:28,  0.005
318, 25 Jul, 12:05:28,  0.005
319, 25 Jul, 12:06:28,  0.006
320, 25 Jul, 12:07:28,  0.008
321, 25 Jul, 12:08:28,  0.006
322, 25 Jul, 12:09:28,  0.007
323, 25 Jul, 12:10:28,  0.006
324, 25 Jul, 12:11:28,  0.006
325, 25 Jul, 12:12:28,  0.006
326, 25 Jul, 12:13:28,  0.007
327, 25 Jul, 12:14:28,  0.007
328, 25 Jul, 12:15:28,  0.005
329, 25 Jul, 12:16:28,  0.017
330, 25 Jul, 12:17:28,  0.007
331, 25 Jul, 12:18:28,  0.007
332, 25 Jul, 12:19:28,  0.013
333, 25 Jul, 12:20:28,  0.006
334, 25 Jul, 12:21:28,  0.008
335, 25 Jul, 12:22:28,  0.007
336, 25 Jul, 12:23:28,  0.006
337, 25 Jul, 12:24:28,  0.007
338, 25 Jul, 12:25:28,  0.007
339, 25 Jul, 12:26:28,  0.020
340, 25 Jul, 12:27:28,  0.013
341, 25 Jul, 12:28:28,  0.011
```

```
342,  25 Jul,  12:29:28,   0.007
343,  25 Jul,  12:30:28,   0.008
344,  25 Jul,  12:31:28,   0.009
345,  25 Jul,  12:32:28,   0.007
346,  25 Jul,  12:33:28,   0.008
347,  25 Jul,  12:34:28,   0.007
348,  25 Jul,  12:35:28,   0.007
349,  25 Jul,  12:36:28,   0.006
350,  25 Jul,  12:37:28,   0.006
351,  25 Jul,  12:38:28,   0.005
352,  25 Jul,  12:39:28,   0.005
353,  25 Jul,  12:40:28,   0.007
354,  25 Jul,  12:41:28,   0.006
355,  25 Jul,  12:42:28,   0.006
356,  25 Jul,  12:43:28,   0.005
357,  25 Jul,  12:44:28,   0.008
358,  25 Jul,  12:45:28,   0.006
359,  25 Jul,  12:46:28,   0.008
360,  25 Jul,  12:47:28,   0.006
361,  25 Jul,  12:48:28,   0.009
362,  25 Jul,  12:49:28,   0.008
363,  25 Jul,  12:50:28,   0.008
364,  25 Jul,  12:51:28,   0.008
365,  25 Jul,  12:52:28,   0.008
366,  25 Jul,  12:53:28,   0.007
367,  25 Jul,  12:54:28,   0.006
368,  25 Jul,  12:55:28,   0.005
369,  25 Jul,  12:56:28,   0.005
370,  25 Jul,  12:57:28,   0.005
371,  25 Jul,  12:58:28,   0.007
372,  25 Jul,  12:59:28,   0.006
373,  25 Jul,  13:00:28,   0.008
374,  25 Jul,  13:01:28,   0.007
375,  25 Jul,  13:02:28,   0.007
376,  25 Jul,  13:03:28,   0.006
377,  25 Jul,  13:04:28,   0.007
378,  25 Jul,  13:05:28,   0.006
379,  25 Jul,  13:06:28,   0.005
380,  25 Jul,  13:07:28,   0.007
381,  25 Jul,  13:08:28,   0.008
382,  25 Jul,  13:09:28,   0.006
383,  25 Jul,  13:10:28,   0.030
384,  25 Jul,  13:11:28,   0.006
385,  25 Jul,  13:12:28,   0.006
```

pDR-1000 S/N: 08133 / Tag # 05 / Start time: Jul 25, 06:47:28
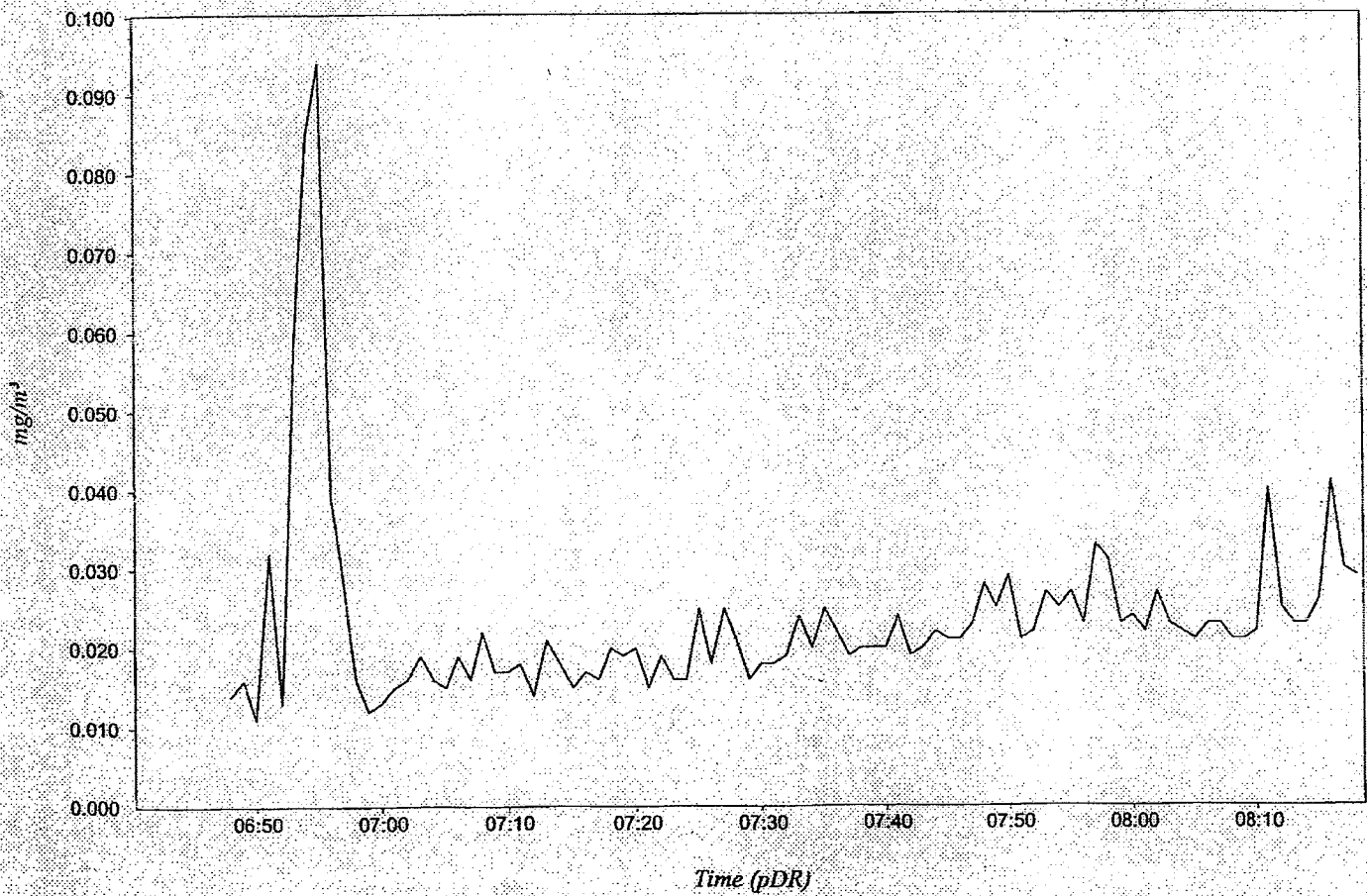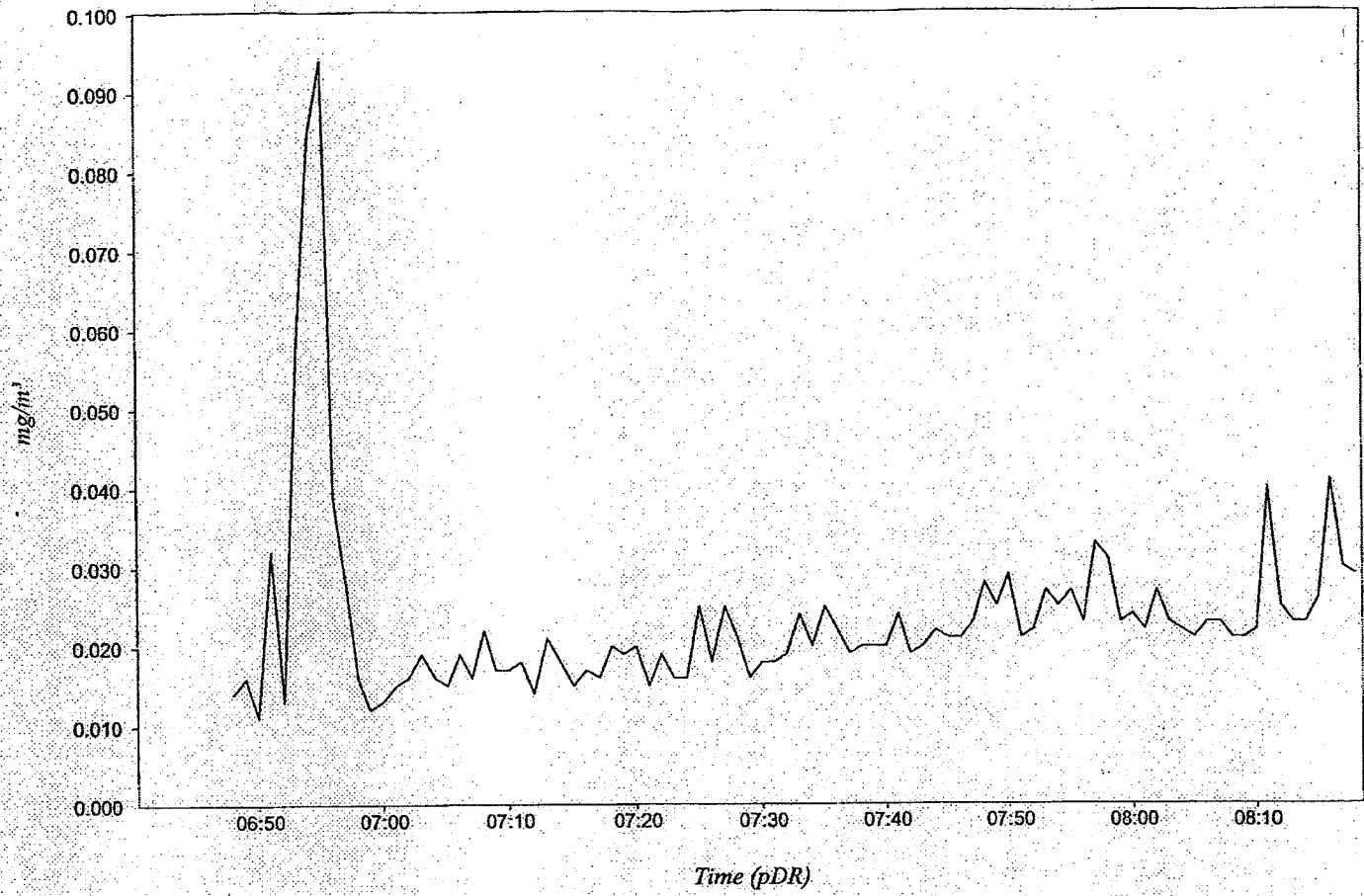
```
pDR-1000 S/N: 08133
Tag Number: 06
Number of logged points: 346
Start time and date:  07:22:51 26-Jul
Elapsed time: 05:46:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.124 mg/m³
Time at maximum: 08:08:30 Jul 26
Max STEL Concentration: 0.030 mg/m³
Time at max STEL:  07:59:51 Jul 26
Overall Avg Conc: 0.019 mg/m³
Logged Data:
Point, Date , Time    , Avg.(mg/m³)
    1,  26 Jul,  07:23:51,  0.016
    2,  26 Jul,  07:24:51,  0.024
    3,  26 Jul,  07:25:51,  0.024
    4,  26 Jul,  07:26:51,  0.029
    5,  26 Jul,  07:27:51,  0.027
    6,  26 Jul,  07:28:51,  0.033
    7,  26 Jul,  07:29:51,  0.023
    8,  26 Jul,  07:30:51,  0.021
    9,  26 Jul,  07:31:51,  0.026
   10,  26 Jul,  07:32:51,  0.027
   11,  26 Jul,  07:33:51,  0.026
   12,  26 Jul,  07:34:51,  0.046
   13,  26 Jul,  07:35:51,  0.029
   14,  26 Jul,  07:36:51,  0.026
   15,  26 Jul,  07:37:51,  0.027
   16,  26 Jul,  07:38:51,  0.025
   17,  26 Jul,  07:39:51,  0.027
   18,  26 Jul,  07:40:51,  0.025
   19,  26 Jul,  07:41:51,  0.024
   20,  26 Jul,  07:42:51,  0.026
   21,  26 Jul,  07:43:51,  0.022
   22,  26 Jul,  07:44:51,  0.025
   23,  26 Jul,  07:45:51,  0.024
   24,  26 Jul,  07:46:51,  0.040
   25,  26 Jul,  07:47:51,  0.027
   26,  26 Jul,  07:48:51,  0.032
   27,  26 Jul,  07:49:51,  0.027
   28,  26 Jul,  07:50:51,  0.030
   29,  26 Jul,  07:51:51,  0.027
   30,  26 Jul,  07:52:51,  0.031
   31,  26 Jul,  07:53:51,  0.026
   32,  26 Jul,  07:54:51,  0.029
   33,  26 Jul,  07:55:51,  0.029
   34,  26 Jul,  07:56:51,  0.029
   35,  26 Jul,  07:57:51,  0.034
   36,  26 Jul,  07:58:51,  0.029
   37,  26 Jul,  07:59:51,  0.029
   38,  26 Jul,  08:00:51,  0.029
   39,  26 Jul,  08:01:51,  0.028
   40,  26 Jul,  08:02:51,  0.026
   41,  26 Jul,  08:03:51,  0.031
   42,  26 Jul,  08:04:51,  0.027
   43,  26 Jul,  08:05:51,  0.027
   44,  26 Jul,  08:06:51,  0.031
   45,  26 Jul,  08:07:51,  0.031
   46,  26 Jul,  08:08:51,  0.044
   47,  26 Jul,  08:09:51,  0.029
   48,  26 Jul,  08:10:51,  0.026
   49,  26 Jul,  08:11:51,  0.026
   50,  26 Jul,  08:12:51,  0.029
   51,  26 Jul,  08:13:51,  0.025
   52,  26 Jul,  08:14:51,  0.030
   53,  26 Jul,  08:15:51,  0.029
   54,  26 Jul,  08:16:51,  0.027
   55,  26 Jul,  08:17:51,  0.026
   56,  26 Jul,  08:18:51,  0.022
   57,  26 Jul,  08:19:51,  0.024
```

Unit 1 - Upwind

```
 58, 26 Jul, 08:20:51,    0.029
 59, 26 Jul, 08:21:51,    0.030
 60, 26 Jul, 08:22:51,    0.028
 61, 26 Jul, 08:23:51,    0.020
 62, 26 Jul, 08:24:51,    0.020
 63, 26 Jul, 08:25:51,    0.020
 64, 26 Jul, 08:26:51,    0.022
 65, 26 Jul, 08:27:51,    0.022
 66, 26 Jul, 08:28:51,    0.022
 67, 26 Jul, 08:29:51,    0.018
 68, 26 Jul, 08:30:51,    0.020
 69, 26 Jul, 08:31:51,    0.019
 70, 26 Jul, 08:32:51,    0.020
 71, 26 Jul, 08:33:51,    0.020
 72, 26 Jul, 08:34:51,    0.020
 73, 26 Jul, 08:35:51,    0.020
 74, 26 Jul, 08:36:51,    0.018
 75, 26 Jul, 08:37:51,    0.021
 76, 26 Jul, 08:38:51,    0.019
 77, 26 Jul, 08:39:51,    0.018
 78, 26 Jul, 08:40:51,    0.015
 79, 26 Jul, 08:41:51,    0.017
 80, 26 Jul, 08:42:51,    0.015
 81, 26 Jul, 08:43:51,    0.014
 82, 26 Jul, 08:44:51,    0.016
 83, 26 Jul, 08:45:51,    0.014
 84, 26 Jul, 08:46:51,    0.014
 85, 26 Jul, 08:47:51,    0.013
 86, 26 Jul, 08:48:51,    0.015
 87, 26 Jul, 08:49:51,    0.017
 88, 26 Jul, 08:50:51,    0.017
 89, 26 Jul, 08:51:51,    0.015
 90, 26 Jul, 08:52:51,    0.017
 91, 26 Jul, 08:53:51,    0.018
 92, 26 Jul, 08:54:51,    0.015
 93, 26 Jul, 08:55:51,    0.013
 94, 26 Jul, 08:56:51,    0.016
 95, 26 Jul, 08:57:51,    0.015
 96, 26 Jul, 08:58:51,    0.014
 97, 26 Jul, 08:59:51,    0.015
 98, 26 Jul, 09:00:51,    0.015
 99, 26 Jul, 09:01:51,    0.014
100, 26 Jul, 09:02:51,    0.022
101, 26 Jul, 09:03:51,    0.017
102, 26 Jul, 09:04:51,    0.014
103, 26 Jul, 09:05:51,    0.014
104, 26 Jul, 09:06:51,    0.013
105, 26 Jul, 09:07:51,    0.014
106, 26 Jul, 09:08:51,    0.013
107, 26 Jul, 09:09:51,    0.013
108, 26 Jul, 09:10:51,    0.013
109, 26 Jul, 09:11:51,    0.016
110, 26 Jul, 09:12:51,    0.018
111, 26 Jul, 09:13:51,    0.015
112, 26 Jul, 09:14:51,    0.014
113, 26 Jul, 09:15:51,    0.014
114, 26 Jul, 09:16:51,    0.015
115, 26 Jul, 09:17:51,    0.013
116, 26 Jul, 09:18:51,    0.016
117, 26 Jul, 09:19:51,    0.015
118, 26 Jul, 09:20:51,    0.015
119, 26 Jul, 09:21:51,    0.015
120, 26 Jul, 09:22:51,    0.014
121, 26 Jul, 09:23:51,    0.014
122, 26 Jul, 09:24:51,    0.017
123, 26 Jul, 09:25:51,    0.017
124, 26 Jul, 09:26:51,    0.018
125, 26 Jul, 09:27:51,    0.017
126, 26 Jul, 09:28:51,    0.016
127, 26 Jul, 09:29:51,    0.021
128, 26 Jul, 09:30:51,    0.019
```

```
129,  26 Jul,  09:31:51,    0.016
130,  26 Jul,  09:32:51,    0.020
131,  26 Jul,  09:33:51,    0.016
132,  26 Jul,  09:34:51,    0.015
133,  26 Jul,  09:35:51,    0.017
134,  26 Jul,  09:36:51,    0.016
135,  26 Jul,  09:37:51,    0.017
136,  26 Jul,  09:38:51,    0.017
137,  26 Jul,  09:39:51,    0.020
138,  26 Jul,  09:40:51,    0.020
139,  26 Jul,  09:41:51,    0.018
140,  26 Jul,  09:42:51,    0.017
141,  26 Jul,  09:43:51,    0.018
142,  26 Jul,  09:44:51,    0.017
143,  26 Jul,  09:45:51,    0.017
144,  26 Jul,  09:46:51,    0.018
145,  26 Jul,  09:47:51,    0.015
146,  26 Jul,  09:48:51,    0.017
147,  26 Jul,  09:49:51,    0.015
148,  26 Jul,  09:50:51,    0.015
149,  26 Jul,  09:51:51,    0.017
150,  26 Jul,  09:52:51,    0.014
151,  26 Jul,  09:53:51,    0.016
152,  26 Jul,  09:54:51,    0.016
153,  26 Jul,  09:55:51,    0.017
154,  26 Jul,  09:56:51,    0.016
155,  26 Jul,  09:57:51,    0.021
156,  26 Jul,  09:58:51,    0.016
157,  26 Jul,  09:59:51,    0.020
158,  26 Jul,  10:00:51,    0.016
159,  26 Jul,  10:01:51,    0.016
160,  26 Jul,  10:02:51,    0.017
161,  26 Jul,  10:03:51,    0.021
162,  26 Jul,  10:04:51,    0.017
163,  26 Jul,  10:05:51,    0.016
164,  26 Jul,  10:06:51,    0.018
165,  26 Jul,  10:07:51,    0.025
166,  26 Jul,  10:08:51,    0.020
167,  26 Jul,  10:09:51,    0.016
168,  26 Jul,  10:10:51,    0.019
169,  26 Jul,  10:11:51,    0.016
170,  26 Jul,  10:12:51,    0.018
171,  26 Jul,  10:13:51,    0.017
172,  26 Jul,  10:14:51,    0.015
173,  26 Jul,  10:15:51,    0.019
174,  26 Jul,  10:16:51,    0.019
175,  26 Jul,  10:17:51,    0.017
176,  26 Jul,  10:18:51,    0.016
177,  26 Jul,  10:19:51,    0.022
178,  26 Jul,  10:20:51,    0.017
179,  26 Jul,  10:21:51,    0.018
180,  26 Jul,  10:22:51,    0.016
181,  26 Jul,  10:23:51,    0.016
182,  26 Jul,  10:24:51,    0.017
183,  26 Jul,  10:25:51,    0.017
184,  26 Jul,  10:26:51,    0.020
185,  26 Jul,  10:27:51,    0.017
186,  26 Jul,  10:28:51,    0.016
187,  26 Jul,  10:29:51,    0.014
188,  26 Jul,  10:30:51,    0.016
189,  26 Jul,  10:31:51,    0.017
190,  26 Jul,  10:32:51,    0.018
191,  26 Jul,  10:33:51,    0.015
192,  26 Jul,  10:34:51,    0.018
193,  26 Jul,  10:35:51,    0.017
194,  26 Jul,  10:36:51,    0.018
195,  26 Jul,  10:37:51,    0.015
196,  26 Jul,  10:38:51,    0.017
197,  26 Jul,  10:39:51,    0.020
198,  26 Jul,  10:40:51,    0.018
199,  26 Jul,  10:41:51,    0.017
```

```
200,  26  Jul,  10:42:51,   0.022
201,  26  Jul,  10:43:51,   0.019
202,  26  Jul,  10:44:51,   0.019
203,  26  Jul,  10:45:51,   0.019
204,  26  Jul,  10:46:51,   0.015
205,  26  Jul,  10:47:51,   0.020
206,  26  Jul,  10:48:51,   0.016
207,  26  Jul,  10:49:51,   0.020
208,  26  Jul,  10:50:51,   0.018
209,  26  Jul,  10:51:51,   0.018
210,  26  Jul,  10:52:51,   0.021
211,  26  Jul,  10:53:51,   0.016
212,  26  Jul,  10:54:51,   0.020
213,  26  Jul,  10:55:51,   0.018
214,  26  Jul,  10:56:51,   0.020
215,  26  Jul,  10:57:51,   0.022
216,  26  Jul,  10:58:51,   0.018
217,  26  Jul,  10:59:51,   0.019
218,  26  Jul,  11:00:51,   0.024
219,  26  Jul,  11:01:51,   0.021
220,  26  Jul,  11:02:51,   0.021
221,  26  Jul,  11:03:51,   0.022
222,  26  Jul,  11:04:51,   0.018
223,  26  Jul,  11:05:51,   0.020
224,  26  Jul,  11:06:51,   0.019
225,  26  Jul,  11:07:51,   0.022
226,  26  Jul,  11:08:51,   0.025
227,  26  Jul,  11:09:51,   0.024
228,  26  Jul,  11:10:51,   0.018
229,  26  Jul,  11:11:51,   0.018
230,  26  Jul,  11:12:51,   0.021
231,  26  Jul,  11:13:51,   0.020
232,  26  Jul,  11:14:51,   0.020
233,  26  Jul,  11:15:51,   0.022
234,  26  Jul,  11:16:51,   0.019
235,  26  Jul,  11:17:51,   0.021
236,  26  Jul,  11:18:51,   0.018
237,  26  Jul,  11:19:51,   0.020
238,  26  Jul,  11:20:51,   0.020
239,  26  Jul,  11:21:51,   0.017
240,  26  Jul,  11:22:51,   0.018
241,  26  Jul,  11:23:51,   0.023
242,  26  Jul,  11:24:51,   0.027
243,  26  Jul,  11:25:51,   0.019
244,  26  Jul,  11:26:51,   0.017
245,  26  Jul,  11:27:51,   0.020
246,  26  Jul,  11:28:51,   0.021
247,  26  Jul,  11:29:51,   0.018
248,  26  Jul,  11:30:51,   0.020
249,  26  Jul,  11:31:51,   0.022
250,  26  Jul,  11:32:51,   0.019
251,  26  Jul,  11:33:51,   0.018
252,  26  Jul,  11:34:51,   0.021
253,  26  Jul,  11:35:51,   0.021
254,  26  Jul,  11:36:51,   0.019
255,  26  Jul,  11:37:51,   0.015
256,  26  Jul,  11:38:51,   0.016
257,  26  Jul,  11:39:51,   0.019
258,  26  Jul,  11:40:51,   0.018
259,  26  Jul,  11:41:51,   0.018
260,  26  Jul,  11:42:51,   0.015
261,  26  Jul,  11:43:51,   0.017
262,  26  Jul,  11:44:51,   0.019
263,  26  Jul,  11:45:51,   0.017
264,  26  Jul,  11:46:51,   0.018
265,  26  Jul,  11:47:51,   0.020
266,  26  Jul,  11:48:51,   0.018
267,  26  Jul,  11:49:51,   0.015
268,  26  Jul,  11:50:51,   0.016
269,  26  Jul,  11:51:51,   0.017
270,  26  Jul,  11:52:51,   0.017
```

```
271, 26 Jul, 11:53:51,   0.016
272, 26 Jul, 11:54:51,   0.016
273, 26 Jul, 11:55:51,   0.016
274, 26 Jul, 11:56:51,   0.016
275, 26 Jul, 11:57:51,   0.017
276, 26 Jul, 11:58:51,   0.017
277, 26 Jul, 11:59:51,   0.015
278, 26 Jul, 12:00:51,   0.017
279, 26 Jul, 12:01:51,   0.015
280, 26 Jul, 12:02:51,   0.017
281, 26 Jul, 12:03:51,   0.017
282, 26 Jul, 12:04:51,   0.017
283, 26 Jul, 12:05:51,   0.019
284, 26 Jul, 12:06:51,   0.018
285, 26 Jul, 12:07:51,   0.018
286, 26 Jul, 12:08:51,   0.018
287, 26 Jul, 12:09:51,   0.019
288, 26 Jul, 12:10:51,   0.018
289, 26 Jul, 12:11:51,   0.019
290, 26 Jul, 12:12:51,   0.018
291, 26 Jul, 12:13:51,   0.017
292, 26 Jul, 12:14:51,   0.017
293, 26 Jul, 12:15:51,   0.018
294, 26 Jul, 12:16:51,   0.017
295, 26 Jul, 12:17:51,   0.021
296, 26 Jul, 12:18:51,   0.020
297, 26 Jul, 12:19:51,   0.019
298, 26 Jul, 12:20:51,   0.020
299, 26 Jul, 12:21:51,   0.019
300, 26 Jul, 12:22:51,   0.015
301, 26 Jul, 12:23:51,   0.016
302, 26 Jul, 12:24:51,   0.016
303, 26 Jul, 12:25:51,   0.017
304, 26 Jul, 12:26:51,   0.017
305, 26 Jul, 12:27:51,   0.019
306, 26 Jul, 12:28:51,   0.022
307, 26 Jul, 12:29:51,   0.015
308, 26 Jul, 12:30:51,   0.015
309, 26 Jul, 12:31:51,   0.014
310, 26 Jul, 12:32:51,   0.016
311, 26 Jul, 12:33:51,   0.017
312, 26 Jul, 12:34:51,   0.014
313, 26 Jul, 12:35:51,   0.017
314, 26 Jul, 12:36:51,   0.015
315, 26 Jul, 12:37:51,   0.014
316, 26 Jul, 12:38:51,   0.018
317, 26 Jul, 12:39:51,   0.017
318, 26 Jul, 12:40:51,   0.016
319, 26 Jul, 12:41:51,   0.016
320, 26 Jul, 12:42:51,   0.013
321, 26 Jul, 12:43:51,   0.013
322, 26 Jul, 12:44:51,   0.013
323, 26 Jul, 12:45:51,   0.011
324, 26 Jul, 12:46:51,   0.010
325, 26 Jul, 12:47:51,   0.011
326, 26 Jul, 12:48:51,   0.014
327, 26 Jul, 12:49:51,   0.012
328, 26 Jul, 12:50:51,   0.011
329, 26 Jul, 12:51:51,   0.013
330, 26 Jul, 12:52:51,   0.012
331, 26 Jul, 12:53:51,   0.012
332, 26 Jul, 12:54:51,   0.014
333, 26 Jul, 12:55:51,   0.013
334, 26 Jul, 12:56:51,   0.013
335, 26 Jul, 12:57:51,   0.014
336, 26 Jul, 12:58:51,   0.012
337, 26 Jul, 12:59:51,   0.015
338, 26 Jul, 13:00:51,   0.013
339, 26 Jul, 13:01:51,   0.012
340, 26 Jul, 13:02:51,   0.010
341, 26 Jul, 13:03:51,   0.012
```

```
342, 26 Jul, 13:04:51,  0.034
343, 26 Jul, 13:05:51,  0.013
344, 26 Jul, 13:06:51,  0.011
345, 26 Jul, 13:07:51,  0.011
346, 26 Jul, 13:08:51,  0.012
```

pDR-1000 S/N: 08133 / Tag # 06 / Start time: Jul 26, 07:22:51
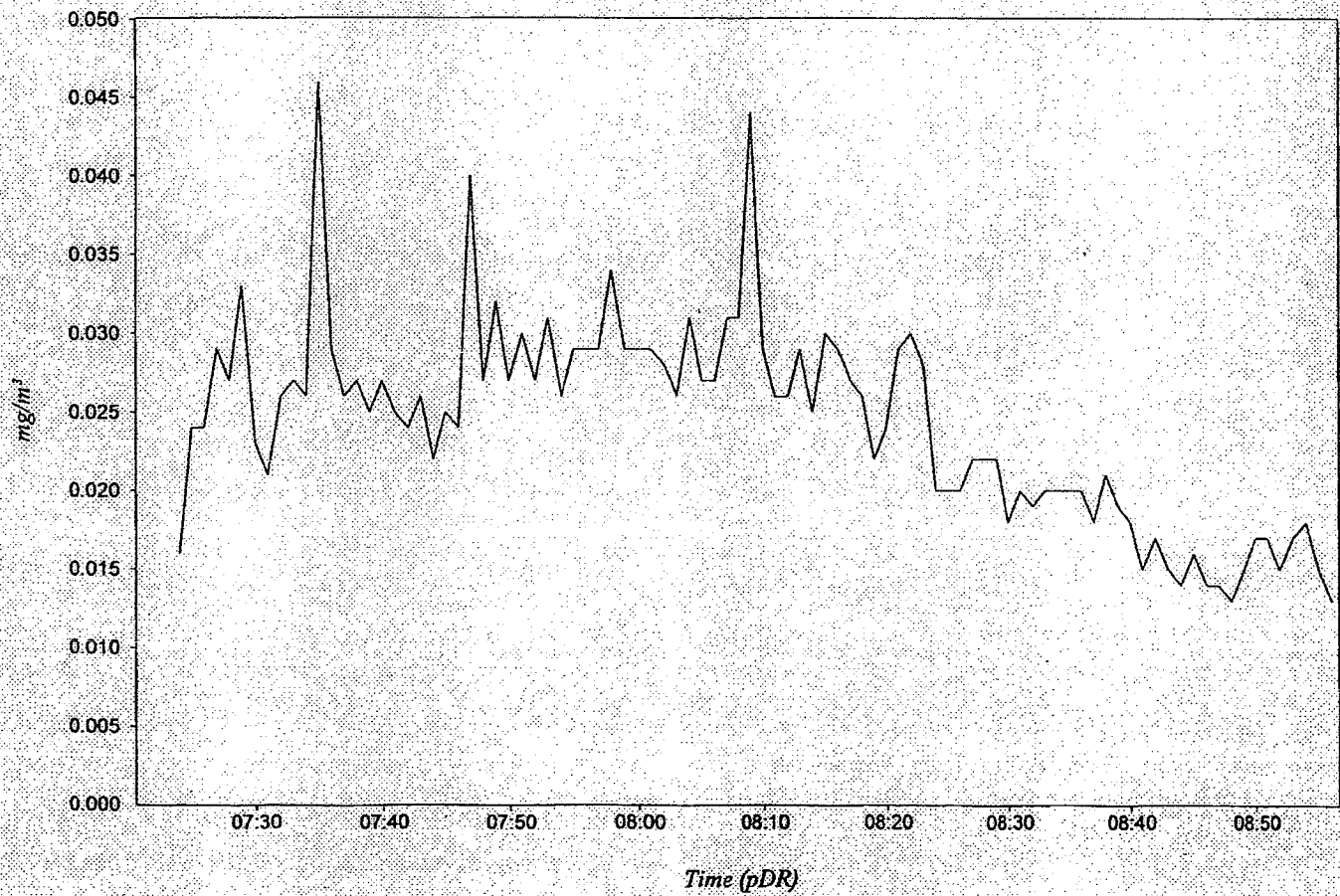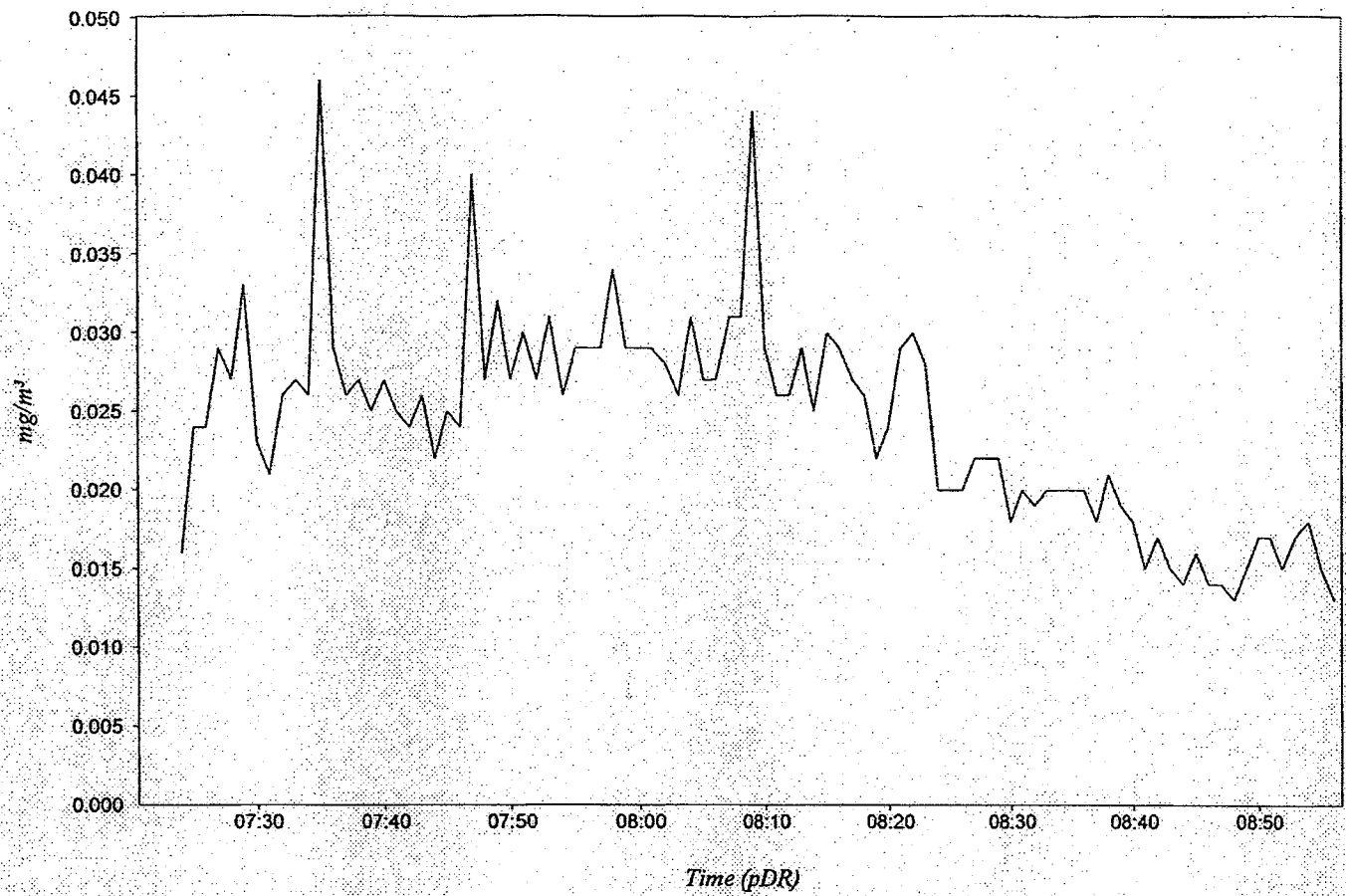
```
pDR-1000 S/N: 08133
Tag Number: 06
Number of logged points: 351
Start time and date:   07:25:31 26-Jul
Elapsed time: 05:51:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 4.079 mg/m³
Time at maximum: 11:22:22 Jul 26
Max STEL Concentration: 0.072 mg/m³
Time at max STEL:  11:36:32 Jul 26
Overall Avg Conc: 0.007 mg/m³
Logged Data:
Point, Date  , Time     ,  Avg.(mg/m³)
     1,  26 Jul,  07:26:31,   0.020
     2,  26 Jul,  07:27:31,   0.014
     3,  26 Jul,  07:28:31,   0.026
     4,  26 Jul,  07:29:31,   0.014
     5,  26 Jul,  07:30:31,   0.012
     6,  26 Jul,  07:31:31,   0.012
     7,  26 Jul,  07:32:31,   0.022
     8,  26 Jul,  07:33:31,   0.021
     9,  26 Jul,  07:34:31,   0.012
    10,  26 Jul,  07:35:31,   0.032
    11,  26 Jul,  07:36:31,   0.029
    12,  26 Jul,  07:37:31,   0.028
    13,  26 Jul,  07:38:31,   0.019
    14,  26 Jul,  07:39:31,   0.017
    15,  26 Jul,  07:40:31,   0.014
    16,  26 Jul,  07:41:31,   0.015
    17,  26 Jul,  07:42:31,   0.015
    18,  26 Jul,  07:43:31,   0.017
    19,  26 Jul,  07:44:31,   0.017
    20,  26 Jul,  07:45:31,   0.009
    21,  26 Jul,  07:46:31,   0.007
    22,  26 Jul,  07:47:31,   0.005
    23,  26 Jul,  07:48:31,   0.006
    24,  26 Jul,  07:49:31,   0.003
    25,  26 Jul,  07:50:31,   0.005
    26,  26 Jul,  07:51:31,   0.002
    27,  26 Jul,  07:52:31,   0.009
    28,  26 Jul,  07:53:31,   0.014
    29,  26 Jul,  07:54:31,   0.012
    30,  26 Jul,  07:55:31,   0.006
    31,  26 Jul,  07:56:31,   0.006
    32,  26 Jul,  07:57:31,   0.005
    33,  26 Jul,  07:58:31,   0.007
    34,  26 Jul,  07:59:31,   0.007
    35,  26 Jul,  08:00:31,   0.002
    36,  26 Jul,  08:01:31,   0.000
    37,  26 Jul,  08:02:31,   0.000
    38,  26 Jul,  08:03:31,   0.000
    39,  26 Jul,  08:04:31,   0.000
    40,  26 Jul,  08:05:31,   0.000
    41,  26 Jul,  08:06:31,   0.000
    42,  26 Jul,  08:07:31,   0.001
    43,  26 Jul,  08:08:31,   0.000
    44,  26 Jul,  08:09:31,   0.000
    45,  26 Jul,  08:10:31,   0.000
    46,  26 Jul,  08:11:31,   0.000
    47,  26 Jul,  08:12:31,   0.000
    48,  26 Jul,  08:13:31,   0.000
    49,  26 Jul,  08:14:31,   0.000
    50,  26 Jul,  08:15:31,   0.000
    51,  26 Jul,  08:16:31,   0.000
    52,  26 Jul,  08:17:31,   0.002
    53,  26 Jul,  08:18:31,   0.000
    54,  26 Jul,  08:19:31,   0.000
    55,  26 Jul,  08:20:31,   0.000
    56,  26 Jul,  08:21:31,   0.002
    57,  26 Jul,  08:22:31,   0.000
```

Unit 2 - Downwind

```
 58,  26 Jul,  08:23:31,   0.000
 59,  26 Jul,  08:24:31,   0.000
 60,  26 Jul,  08:25:31,   0.000
 61,  26 Jul,  08:26:31,   0.000
 62,  26 Jul,  08:27:31,   0.000
 63,  26 Jul,  08:28:31,   0.001
 64,  26 Jul,  08:29:31,   0.001
 65,  26 Jul,  08:30:31,   0.002
 66,  26 Jul,  08:31:31,   0.004
 67,  26 Jul,  08:32:31,   0.026
 68,  26 Jul,  08:33:31,   0.004
 69,  26 Jul,  08:34:31,   0.000
 70,  26 Jul,  08:35:31,   0.000
 71,  26 Jul,  08:36:31,   0.000
 72,  26 Jul,  08:37:31,   0.000
 73,  26 Jul,  08:38:31,   0.000
 74,  26 Jul,  08:39:31,   0.000
 75,  26 Jul,  08:40:31,   0.001
 76,  26 Jul,  08:41:31,   0.005
 77,  26 Jul,  08:42:31,   0.004
 78,  26 Jul,  08:43:31,   0.000
 79,  26 Jul,  08:44:31,   0.000
 80,  26 Jul,  08:45:31,   0.000
 81,  26 Jul,  08:46:31,   0.000
 82,  26 Jul,  08:47:31,   0.000
 83,  26 Jul,  08:48:31,   0.000
 84,  26 Jul,  08:49:31,   0.000
 85,  26 Jul,  08:50:31,   0.000
 86,  26 Jul,  08:51:31,   0.000
 87,  26 Jul,  08:52:31,   0.000
 88,  26 Jul,  08:53:31,   0.000
 89,  26 Jul,  08:54:31,   0.000
 90,  26 Jul,  08:55:31,   0.000
 91,  26 Jul,  08:56:31,   0.000
 92,  26 Jul,  08:57:31,   0.000
 93,  26 Jul,  08:58:31,   0.000
 94,  26 Jul,  08:59:31,   0.000
 95,  26 Jul,  09:00:31,   0.000
 96,  26 Jul,  09:01:31,   0.003
 97,  26 Jul,  09:02:31,   0.000
 98,  26 Jul,  09:03:31,   0.000
 99,  26 Jul,  09:04:31,   0.000
100,  26 Jul,  09:05:31,   0.000
101,  26 Jul,  09:06:31,   0.001
102,  26 Jul,  09:07:31,   0.000
103,  26 Jul,  09:08:31,   0.004
104,  26 Jul,  09:09:31,   0.074
105,  26 Jul,  09:10:31,   0.001
106,  26 Jul,  09:11:31,   0.000
107,  26 Jul,  09:12:31,   0.000
108,  26 Jul,  09:13:31,   0.000
109,  26 Jul,  09:14:31,   0.003
110,  26 Jul,  09:15:31,   0.000
111,  26 Jul,  09:16:31,   0.000
112,  26 Jul,  09:17:31,   0.000
113,  26 Jul,  09:18:31,   0.002
114,  26 Jul,  09:19:31,   0.001
115,  26 Jul,  09:20:31,   0.000
116,  26 Jul,  09:21:31,   0.001
117,  26 Jul,  09:22:31,   0.000
118,  26 Jul,  09:23:31,   0.001
119,  26 Jul,  09:24:31,   0.002
120,  26 Jul,  09:25:31,   0.022
121,  26 Jul,  09:26:31,   0.003
122,  26 Jul,  09:27:31,   0.004
123,  26 Jul,  09:28:31,   0.001
124,  26 Jul,  09:29:31,   0.001
125,  26 Jul,  09:30:31,   0.004
126,  26 Jul,  09:31:31,   0.006
127,  26 Jul,  09:32:31,   0.004
128,  26 Jul,  09:33:31,   0.006
```

```
129, 26 Jul, 09:34:31,  0.006
130, 26 Jul, 09:35:31,  0.005
131, 26 Jul, 09:36:31,  0.005
132, 26 Jul, 09:37:31,  0.003
133, 26 Jul, 09:38:31,  0.005
134, 26 Jul, 09:39:31,  0.005
135, 26 Jul, 09:40:31,  0.006
136, 26 Jul, 09:41:31,  0.005
137, 26 Jul, 09:42:31,  0.006
138, 26 Jul, 09:43:31,  0.004
139, 26 Jul, 09:44:31,  0.005
140, 26 Jul, 09:45:31,  0.005
141, 26 Jul, 09:46:31,  0.006
142, 26 Jul, 09:47:31,  0.007
143, 26 Jul, 09:48:31,  0.006
144, 26 Jul, 09:49:31,  0.005
145, 26 Jul, 09:50:31,  0.005
146, 26 Jul, 09:51:31,  0.008
147, 26 Jul, 09:52:31,  0.005
148, 26 Jul, 09:53:31,  0.006
149, 26 Jul, 09:54:31,  0.005
150, 26 Jul, 09:55:31,  0.006
151, 26 Jul, 09:56:31,  0.006
152, 26 Jul, 09:57:31,  0.006
153, 26 Jul, 09:58:31,  0.006
154, 26 Jul, 09:59:31,  0.003
155, 26 Jul, 10:00:31,  0.007
156, 26 Jul, 10:01:31,  0.006
157, 26 Jul, 10:02:31,  0.003
158, 26 Jul, 10:03:31,  0.004
159, 26 Jul, 10:04:31,  0.003
160, 26 Jul, 10:05:31,  0.007
161, 26 Jul, 10:06:31,  0.005
162, 26 Jul, 10:07:31,  0.005
163, 26 Jul, 10:08:31,  0.005
164, 26 Jul, 10:09:31,  0.004
165, 26 Jul, 10:10:31,  0.008
166, 26 Jul, 10:11:31,  0.006
167, 26 Jul, 10:12:31,  0.006
168, 26 Jul, 10:13:31,  0.004
169, 26 Jul, 10:14:31,  0.011
170, 26 Jul, 10:15:31,  0.005
171, 26 Jul, 10:16:31,  0.007
172, 26 Jul, 10:17:31,  0.004
173, 26 Jul, 10:18:31,  0.005
174, 26 Jul, 10:19:31,  0.005
175, 26 Jul, 10:20:31,  0.005
176, 26 Jul, 10:21:31,  0.004
177, 26 Jul, 10:22:31,  0.004
178, 26 Jul, 10:23:31,  0.005
179, 26 Jul, 10:24:31,  0.005
180, 26 Jul, 10:25:31,  0.005
181, 26 Jul, 10:26:31,  0.002
182, 26 Jul, 10:27:31,  0.004
183, 26 Jul, 10:28:31,  0.004
184, 26 Jul, 10:29:31,  0.004
185, 26 Jul, 10:30:31,  0.002
186, 26 Jul, 10:31:31,  0.005
187, 26 Jul, 10:32:31,  0.006
188, 26 Jul, 10:33:31,  0.002
189, 26 Jul, 10:34:31,  0.002
190, 26 Jul, 10:35:31,  0.012
191, 26 Jul, 10:36:31,  0.023
192, 26 Jul, 10:37:31,  0.024
193, 26 Jul, 10:38:31,  0.026
194, 26 Jul, 10:39:31,  0.019
195, 26 Jul, 10:40:31,  0.019
196, 26 Jul, 10:41:31,  0.021
197, 26 Jul, 10:42:31,  0.022
198, 26 Jul, 10:43:31,  0.019
199, 26 Jul, 10:44:31,  0.017
```

```
200,  26  Jul,  10:45:31,   0.022
201,  26  Jul,  10:46:31,   0.026
202,  26  Jul,  10:47:31,   0.019
203,  26  Jul,  10:48:31,   0.021
204,  26  Jul,  10:49:31,   0.018
205,  26  Jul,  10:50:31,   0.018
206,  26  Jul,  10:51:31,   0.016
207,  26  Jul,  10:52:31,   0.017
208,  26  Jul,  10:53:31,   0.022
209,  26  Jul,  10:54:31,   0.015
210,  26  Jul,  10:55:31,   0.017
211,  26  Jul,  10:56:31,   0.004
212,  26  Jul,  10:57:31,   0.002
213,  26  Jul,  10:58:31,   0.003
214,  26  Jul,  10:59:31,   0.005
215,  26  Jul,  11:00:31,   0.002
216,  26  Jul,  11:01:31,   0.001
217,  26  Jul,  11:02:31,   0.001
218,  26  Jul,  11:03:31,   0.002
219,  26  Jul,  11:04:31,   0.003
220,  26  Jul,  11:05:31,   0.004
221,  26  Jul,  11:06:31,   0.003
222,  26  Jul,  11:07:31,   0.002
223,  26  Jul,  11:08:31,   0.003
224,  26  Jul,  11:09:31,   0.001
225,  26  Jul,  11:10:31,   0.004
226,  26  Jul,  11:11:31,   0.002
227,  26  Jul,  11:12:31,   0.001
228,  26  Jul,  11:13:31,   0.003
229,  26  Jul,  11:14:31,   0.002
230,  26  Jul,  11:15:31,   0.002
231,  26  Jul,  11:16:31,   0.007
232,  26  Jul,  11:17:31,   0.004
233,  26  Jul,  11:18:31,   0.014
234,  26  Jul,  11:19:31,   0.004
235,  26  Jul,  11:20:31,   0.002
236,  26  Jul,  11:21:31,   0.000
237,  26  Jul,  11:22:31,   0.925
238,  26  Jul,  11:23:31,   0.105
239,  26  Jul,  11:24:31,   0.002
240,  26  Jul,  11:25:31,   0.005
241,  26  Jul,  11:26:31,   0.002
242,  26  Jul,  11:27:31,   0.003
243,  26  Jul,  11:28:31,   0.004
244,  26  Jul,  11:29:31,   0.001
245,  26  Jul,  11:30:31,   0.003
246,  26  Jul,  11:31:31,   0.001
247,  26  Jul,  11:32:31,   0.004
248,  26  Jul,  11:33:31,   0.003
249,  26  Jul,  11:34:31,   0.010
250,  26  Jul,  11:35:31,   0.011
251,  26  Jul,  11:36:31,   0.006
252,  26  Jul,  11:37:31,   0.006
253,  26  Jul,  11:38:31,   0.006
254,  26  Jul,  11:39:31,   0.004
255,  26  Jul,  11:40:31,   0.012
256,  26  Jul,  11:41:31,   0.011
257,  26  Jul,  11:42:31,   0.005
258,  26  Jul,  11:43:31,   0.009
259,  26  Jul,  11:44:31,   0.006
260,  26  Jul,  11:45:31,   0.007
261,  26  Jul,  11:46:31,   0.004
262,  26  Jul,  11:47:31,   0.005
263,  26  Jul,  11:48:31,   0.008
264,  26  Jul,  11:49:31,   0.004
265,  26  Jul,  11:50:31,   0.005
266,  26  Jul,  11:51:31,   0.002
267,  26  Jul,  11:52:31,   0.008
268,  26  Jul,  11:53:31,   0.010
269,  26  Jul,  11:54:31,   0.016
270,  26  Jul,  11:55:31,   0.007
```

```
271, 26 Jul, 11:56:31,   0.005
272, 26 Jul, 11:57:31,   0.005
273, 26 Jul, 11:58:31,   0.006
274, 26 Jul, 11:59:31,   0.006
275, 26 Jul, 12:00:31,   0.006
276, 26 Jul, 12:01:31,   0.006
277, 26 Jul, 12:02:31,   0.003
278, 26 Jul, 12:03:31,   0.003
279, 26 Jul, 12:04:31,   0.003
280, 26 Jul, 12:05:31,   0.005
281, 26 Jul, 12:06:31,   0.005
282, 26 Jul, 12:07:31,   0.002
283, 26 Jul, 12:08:31,   0.017
284, 26 Jul, 12:09:31,   0.009
285, 26 Jul, 12:10:31,   0.004
286, 26 Jul, 12:11:31,   0.005
287, 26 Jul, 12:12:31,   0.003
288, 26 Jul, 12:13:31,   0.004
289, 26 Jul, 12:14:31,   0.004
290, 26 Jul, 12:15:31,   0.003
291, 26 Jul, 12:16:31,   0.003
292, 26 Jul, 12:17:31,   0.008
293, 26 Jul, 12:18:31,   0.005
294, 26 Jul, 12:19:31,   0.005
295, 26 Jul, 12:20:31,   0.006
296, 26 Jul, 12:21:31,   0.005
297, 26 Jul, 12:22:31,   0.004
298, 26 Jul, 12:23:31,   0.006
299, 26 Jul, 12:24:31,   0.003
300, 26 Jul, 12:25:31,   0.004
301, 26 Jul, 12:26:31,   0.004
302, 26 Jul, 12:27:31,   0.004
303, 26 Jul, 12:28:31,   0.002
304, 26 Jul, 12:29:31,   0.004
305, 26 Jul, 12:30:31,   0.004
306, 26 Jul, 12:31:31,   0.004
307, 26 Jul, 12:32:31,   0.008
308, 26 Jul, 12:33:31,   0.004
309, 26 Jul, 12:34:31,   0.004
310, 26 Jul, 12:35:31,   0.006
311, 26 Jul, 12:36:31,   0.017
312, 26 Jul, 12:37:31,   0.006
313, 26 Jul, 12:38:31,   0.006
314, 26 Jul, 12:39:31,   0.007
315, 26 Jul, 12:40:31,   0.003
316, 26 Jul, 12:41:31,   0.008
317, 26 Jul, 12:42:31,   0.005
318, 26 Jul, 12:43:31,   0.008
319, 26 Jul, 12:44:31,   0.003
320, 26 Jul, 12:45:31,   0.005
321, 26 Jul, 12:46:31,   0.011
322, 26 Jul, 12:47:31,   0.026
323, 26 Jul, 12:48:31,   0.005
324, 26 Jul, 12:49:31,   0.005
325, 26 Jul, 12:50:31,   0.005
326, 26 Jul, 12:51:31,   0.008
327, 26 Jul, 12:52:31,   0.004
328, 26 Jul, 12:53:31,   0.010
329, 26 Jul, 12:54:31,   0.005
330, 26 Jul, 12:55:31,   0.005
331, 26 Jul, 12:56:31,   0.003
332, 26 Jul, 12:57:31,   0.002
333, 26 Jul, 12:58:31,   0.002
334, 26 Jul, 12:59:31,   0.003
335, 26 Jul, 13:00:31,   0.004
336, 26 Jul, 13:01:31,   0.002
337, 26 Jul, 13:02:31,   0.012
338, 26 Jul, 13:03:31,   0.001
339, 26 Jul, 13:04:31,   0.001
340, 26 Jul, 13:05:31,   0.002
341, 26 Jul, 13:06:31,   0.000
```

```
342, 26 Jul, 13:07:31,  0.004
343, 26 Jul, 13:08:31,  0.028
344, 26 Jul, 13:09:31,  0.028
345, 26 Jul, 13:10:31,  0.002
346, 26 Jul, 13:11:31,  0.002
347, 26 Jul, 13:12:31,  0.008
348, 26 Jul, 13:13:31,  0.003
349, 26 Jul, 13:14:31,  0.003
350, 26 Jul, 13:15:31,  0.034
351, 26 Jul, 13:16:31,  0.014
```
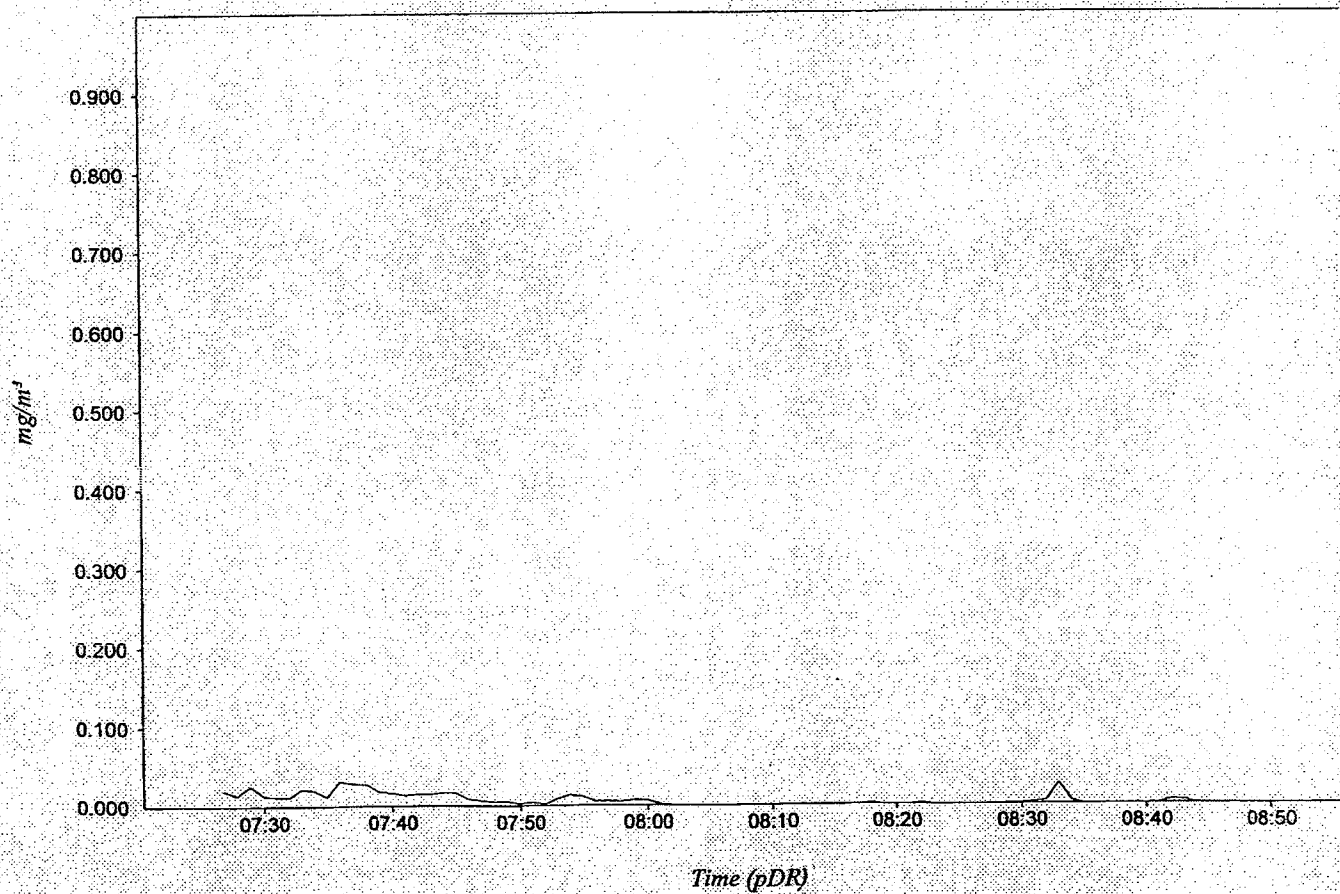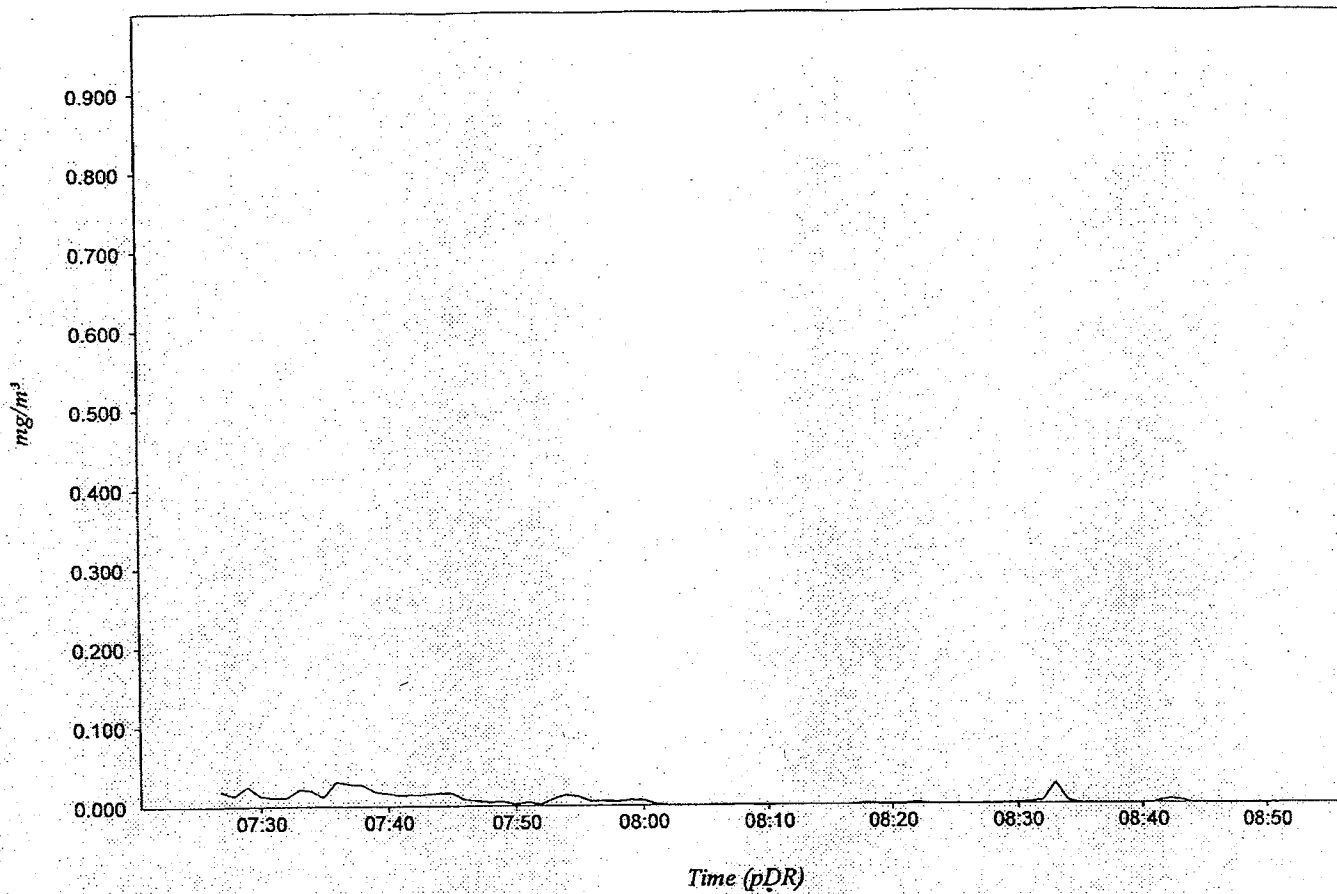
pDR-1000 S/N: 08133
Tag Number: 07
Number of logged points: 259
Start time and date: 07:19:07 27-Jul
Elapsed time: 04:19:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.046 mg/m³
Time at maximum: 11:08:06 Jul 27
Max STEL Concentration: 0.004 mg/m³
Time at max STEL: 11:37:38 Jul 27
Overall Avg Conc: 0.000 mg/m³
Logged Data:

| Point,	Date	, Time	,	Avg. (mg/m³)
1,	27 Jul,	07:20:07,		0.000
2,	27 Jul,	07:21:07,		0.000
3,	27 Jul,	07:22:07,		0.000
4,	27 Jul,	07:23:07,		0.002
5,	27 Jul,	07:24:07,		0.003
6,	27 Jul,	07:25:07,		0.003
7,	27 Jul,	07:26:07,		0.006
8,	27 Jul,	07:27:07,		0.006
9,	27 Jul,	07:28:07,		0.002
10,	27 Jul,	07:29:07,		0.003
11,	27 Jul,	07:30:07,		0.001
12,	27 Jul,	07:31:07,		0.004
13,	27 Jul,	07:32:07,		0.012
14,	27 Jul,	07:33:07,		0.011
15,	27 Jul,	07:34:07,		0.000
16,	27 Jul,	07:35:07,		0.000
17,	27 Jul,	07:36:07,		0.000
18,	27 Jul,	07:37:07,		0.001
19,	27 Jul,	07:38:07,		0.002
20,	27 Jul,	07:39:07,		0.002
21,	27 Jul,	07:40:07,		0.000
22,	27 Jul,	07:41:07,		0.001
23,	27 Jul,	07:42:07,		0.000
24,	27 Jul,	07:43:07,		0.000
25,	27 Jul,	07:44:07,		0.000
26,	27 Jul,	07:45:07,		0.000
27,	27 Jul,	07:46:07,		0.000
28,	27 Jul,	07:47:07,		0.000
29,	27 Jul,	07:48:07,		0.000
30,	27 Jul,	07:49:07,		0.000
31,	27 Jul,	07:50:07,		0.006
32,	27 Jul,	07:51:07,		0.001
33,	27 Jul,	07:52:07,		0.000
34,	27 Jul,	07:53:07,		0.000
35,	27 Jul,	07:54:07,		0.000
36,	27 Jul,	07:55:07,		0.000
37,	27 Jul,	07:56:07,		0.000
38,	27 Jul,	07:57:07,		0.000
39,	27 Jul,	07:58:07,		0.000
40,	27 Jul,	07:59:07,		0.000
41,	27 Jul,	08:00:07,		0.000
42,	27 Jul,	08:01:07,		0.000
43,	27 Jul,	08:02:07,		0.000
44,	27 Jul,	08:03:07,		0.001
45,	27 Jul,	08:04:07,		0.000
46,	27 Jul,	08:05:07,		0.000
47,	27 Jul,	08:06:07,		0.000
48,	27 Jul,	08:07:07,		0.000
49,	27 Jul,	08:08:07,		0.000
50,	27 Jul,	08:09:07,		0.000
51,	27 Jul,	08:10:07,		0.000
52,	27 Jul,	08:11:07,		0.000
53,	27 Jul,	08:12:07,		0.002
54,	27 Jul,	08:13:07,		0.000
55,	27 Jul,	08:14:07,		0.000
56,	27 Jul,	08:15:07,		0.000
57,	27 Jul,	08:16:07,		0.000

Unit 1 - Upwind

```
 58,  27 Jul,  08:17:07,   0.000
 59,  27 Jul,  08:18:07,   0.000
 60,  27 Jul,  08:19:07,   0.000
 61,  27 Jul,  08:20:07,   0.000
 62,  27 Jul,  08:21:07,   0.000
 63,  27 Jul,  08:22:07,   0.000
 64,  27 Jul,  08:23:07,   0.000
 65,  27 Jul,  08:24:07,   0.000
 66,  27 Jul,  08:25:07,   0.000
 67,  27 Jul,  08:26:07,   0.000·
 68,  27 Jul,  08:27:07,   0.000
 69,  27 Jul,  08:28:07,   0.000
 70,  27 Jul,  08:29:07,   0.000
 71,  27 Jul,  08:30:07,   0.000
 72,  27 Jul,  08:31:07,   0.000
 73,  27 Jul,  08:32:07,   0.000
 74,  27 Jul,  08:33:07,   0.000
 75,  27 Jul,  08:34:07,   0.000
 76,  27 Jul,  08:35:07,   0.000
 77,  27 Jul,  08:36:07,   0.000
 78,  27 Jul,  08:37:07,   0.001
 79,  27 Jul,  08:38:07,   0.000
 80,  27 Jul,  08:39:07,   0.000
 81,  27 Jul,  08:40:07,   0.000
 82,  27 Jul,  08:41:07,   0.000
 83,  27 Jul,  08:42:07,   0.000
 84,  27 Jul,  08:43:07,   0.000
 85,  27 Jul,  08:44:07,   0.001
 86,  27 Jul,  08:45:07,   0.000
 87,  27 Jul,  08:46:07,   0.000
 88,  27 Jul,  08:47:07,   0.000
 89,  27 Jul,  08:48:07,   0.000
 90,  27 Jul,  08:49:07,   0.000
 91,  27 Jul,  08:50:07,   0.001
 92,  27 Jul,  08:51:07,   0.000
 93,  27 Jul,  08:52:07,   0.000
 94,  27 Jul,  08:53:07,   0.000
 95,  27 Jul,  08:54:07,   0.003
 96,  27 Jul,  08:55:07,   0.002
 97,  27 Jul,  08:56:07,   0.002
 98,  27 Jul,  08:57:07,   0.001
 99,  27 Jul,  08:58:07,   0.000
100,  27 Jul,  08:59:07,   0.000
101,  27 Jul,  09:00:07,   0.000
102,  27 Jul,  09:01:07,   0.001
103,  27 Jul,  09:02:07,   0.000
104,  27 Jul,  09:03:07,   0.002
105,  27 Jul,  09:04:07,   0.000
106,  27 Jul,  09:05:07,   0.000
107,  27 Jul,  09:06:07,   0.000
108,  27 Jul,  09:07:07,   0.001
109,  27 Jul,  09:08:07,   0.000
110,  27 Jul,  09:09:07,   0.000
111,  27 Jul,  09:10:07,   0.002
112,  27 Jul,  09:11:07,   0.000
113,  27 Jul,  09:12:07,   0.001
114,  27 Jul,  09:13:07,   0.000
115,  27 Jul,  09:14:07,   0.000
116,  27 Jul,  09:15:07,   0.000
117,  27 Jul,  09:16:07,   0.000
118,  27 Jul,  09:17:07,   0.000
119,  27 Jul,  09:18:07,   0.001
120,  27 Jul,  09:19:07,   0.000
121,  27 Jul,  09:20:07,   0.000
122,  27 Jul,  09:21:07,   0.000
123,  27 Jul,  09:22:07,   0.000
124,  27 Jul,  09:23:07,   0.000
125,  27 Jul,  09:24:07,   0.000
126,  27 Jul,  09:25:07,   0.001
127,  27 Jul,  09:26:07,   0.001
128,  27 Jul,  09:27:07,   0.000
```

```
129, 27 Jul, 09:28:07,  0.000
130, 27 Jul, 09:29:07,  0.003
131, 27 Jul, 09:30:07,  0.001
132, 27 Jul, 09:31:07,  0.000
133, 27 Jul, 09:32:07,  0.000
134, 27 Jul, 09:33:07,  0.000
135, 27 Jul, 09:34:07,  0.000
136, 27 Jul, 09:35:07,  0.000
137, 27 Jul, 09:36:07,  0.000
138, 27 Jul, 09:37:07,  0.001
139, 27 Jul, 09:38:07,  0.003
140, 27 Jul, 09:39:07,  0.000
141, 27 Jul, 09:40:07,  0.001
142, 27 Jul, 09:41:07,  0.000
143, 27 Jul, 09:42:07,  0.001
144, 27 Jul, 09:43:07,  0.000
145, 27 Jul, 09:44:07,  0.000
146, 27 Jul, 09:45:07,  0.000
147, 27 Jul, 09:46:07,  0.009
148, 27 Jul, 09:47:07,  0.001
149, 27 Jul, 09:48:07,  0.000
150, 27 Jul, 09:49:07,  0.002
151, 27 Jul, 09:50:07,  0.001
152, 27 Jul, 09:51:07,  0.006
153, 27 Jul, 09:52:07,  0.002
154, 27 Jul, 09:53:07,  0.006
155, 27 Jul, 09:54:07,  0.000
156, 27 Jul, 09:55:07,  0.001
157, 27 Jul, 09:56:07,  0.001
158, 27 Jul, 09:57:07,  0.002
159, 27 Jul, 09:58:07,  0.001
160, 27 Jul, 09:59:07,  0.003
161, 27 Jul, 10:00:07,  0.004
162, 27 Jul, 10:01:07,  0.000
163, 27 Jul, 10:02:07,  0.003
164, 27 Jul, 10:03:07,  0.002
165, 27 Jul, 10:04:07,  0.002
166, 27 Jul, 10:05:07,  0.002
167, 27 Jul, 10:06:07,  0.000
168, 27 Jul, 10:07:07,  0.001
169, 27 Jul, 10:08:07,  0.000
170, 27 Jul, 10:09:07,  0.000
171, 27 Jul, 10:10:07,  0.001
172, 27 Jul, 10:11:07,  0.000
173, 27 Jul, 10:12:07,  0.000
174, 27 Jul, 10:13:07,  0.002
175, 27 Jul, 10:14:07,  0.001
176, 27 Jul, 10:15:07,  0.000
177, 27 Jul, 10:16:07,  0.000
178, 27 Jul, 10:17:07,  0.000
179, 27 Jul, 10:18:07,  0.000
180, 27 Jul, 10:19:07,  0.001
181, 27 Jul, 10:20:07,  0.001
182, 27 Jul, 10:21:07,  0.001
183, 27 Jul, 10:22:07,  0.001
184, 27 Jul, 10:23:07,  0.002
185, 27 Jul, 10:24:07,  0.000
186, 27 Jul, 10:25:07,  0.000
187, 27 Jul, 10:26:07,  0.000
188, 27 Jul, 10:27:07,  0.000
189, 27 Jul, 10:28:07,  0.000
190, 27 Jul, 10:29:07,  0.003
191, 27 Jul, 10:30:07,  0.001
192, 27 Jul, 10:31:07,  0.000
193, 27 Jul, 10:32:07,  0.000
194, 27 Jul, 10:33:07,  0.000
195, 27 Jul, 10:34:07,  0.000
196, 27 Jul, 10:35:07,  0.000
197, 27 Jul, 10:36:07,  0.001
198, 27 Jul, 10:37:07,  0.001
199, 27 Jul, 10:38:07,  0.000
```

```
200,  27 Jul,  10:39:07,   0.000
201,  27 Jul,  10:40:07,   0.001
202,  27 Jul,  10:41:07,   0.001
203,  27 Jul,  10:42:07,   0.001
204,  27 Jul,  10:43:07,   0.002
205,  27 Jul,  10:44:07,   0.002
206,  27 Jul,  10:45:07,   0.002
207,  27 Jul,  10:46:07,   0.002
208,  27 Jul,  10:47:07,   0.001
209,  27 Jul,  10:48:07,   0.000
210,  27 Jul,  10:49:07,   0.001
211,  27 Jul,  10:50:07,   0.001
212,  27 Jul,  10:51:07,   0.001
213,  27 Jul,  10:52:07,   0.001
214,  27 Jul,  10:53:07,   0.001
215,  27 Jul,  10:54:07,   0.003
216,  27 Jul,  10:55:07,   0.002
217,  27 Jul,  10:56:07,   0.002
218,  27 Jul,  10:57:07,   0.002
219,  27 Jul,  10:58:07,   0.002
220,  27 Jul,  10:59:07,   0.003
221,  27 Jul,  11:00:07,   0.000
222,  27 Jul,  11:01:07,   0.002
223,  27 Jul,  11:02:07,   0.001
224,  27 Jul,  11:03:07,   0.001
225,  27 Jul,  11:04:07,   0.002
226,  27 Jul,  11:05:07,   0.002
227,  27 Jul,  11:06:07,   0.003
228,  27 Jul,  11:07:07,   0.002
229,  27 Jul,  11:08:07,   0.011
230,  27 Jul,  11:09:07,   0.004
231,  27 Jul,  11:10:07,   0.003
232,  27 Jul,  11:11:07,   0.001
233,  27 Jul,  11:12:07,   0.005
234,  27 Jul,  11:13:07,   0.001
235,  27 Jul,  11:14:07,   0.002
236,  27 Jul,  11:15:07,   0.001
237,  27 Jul,  11:16:07,   0.001
238,  27 Jul,  11:17:07,   0.003
239,  27 Jul,  11:18:07,   0.002
240,  27 Jul,  11:19:07,   0.002
241,  27 Jul,  11:20:07,   0.003
242,  27 Jul,  11:21:07,   0.001
243,  27 Jul,  11:22:07,   0.002
244,  27 Jul,  11:23:07,   0.002
245,  27 Jul,  11:24:07,   0.001
246,  27 Jul,  11:25:07,   0.003
247,  27 Jul,  11:26:07,   0.002
248,  27 Jul,  11:27:07,   0.001
249,  27 Jul,  11:28:07,   0.004
250,  27 Jul,  11:29:07,   0.002
251,  27 Jul,  11:30:07,   0.002
252,  27 Jul,  11:31:07,   0.007
253,  27 Jul,  11:32:07,   0.003
254,  27 Jul,  11:33:07,   0.001
255,  27 Jul,  11:34:07,   0.005
256,  27 Jul,  11:35:07,   0.005
257,  27 Jul,  11:36:07,   0.003
258,  27 Jul,  11:37:07,   0.013
259,  27 Jul,  11:38:07,   0.017
```

pDR-1000 S/N: 08133 / Tag # 07 / Start time: Jul 27, 07:19:07

Time (pDR)

Time (pDR)
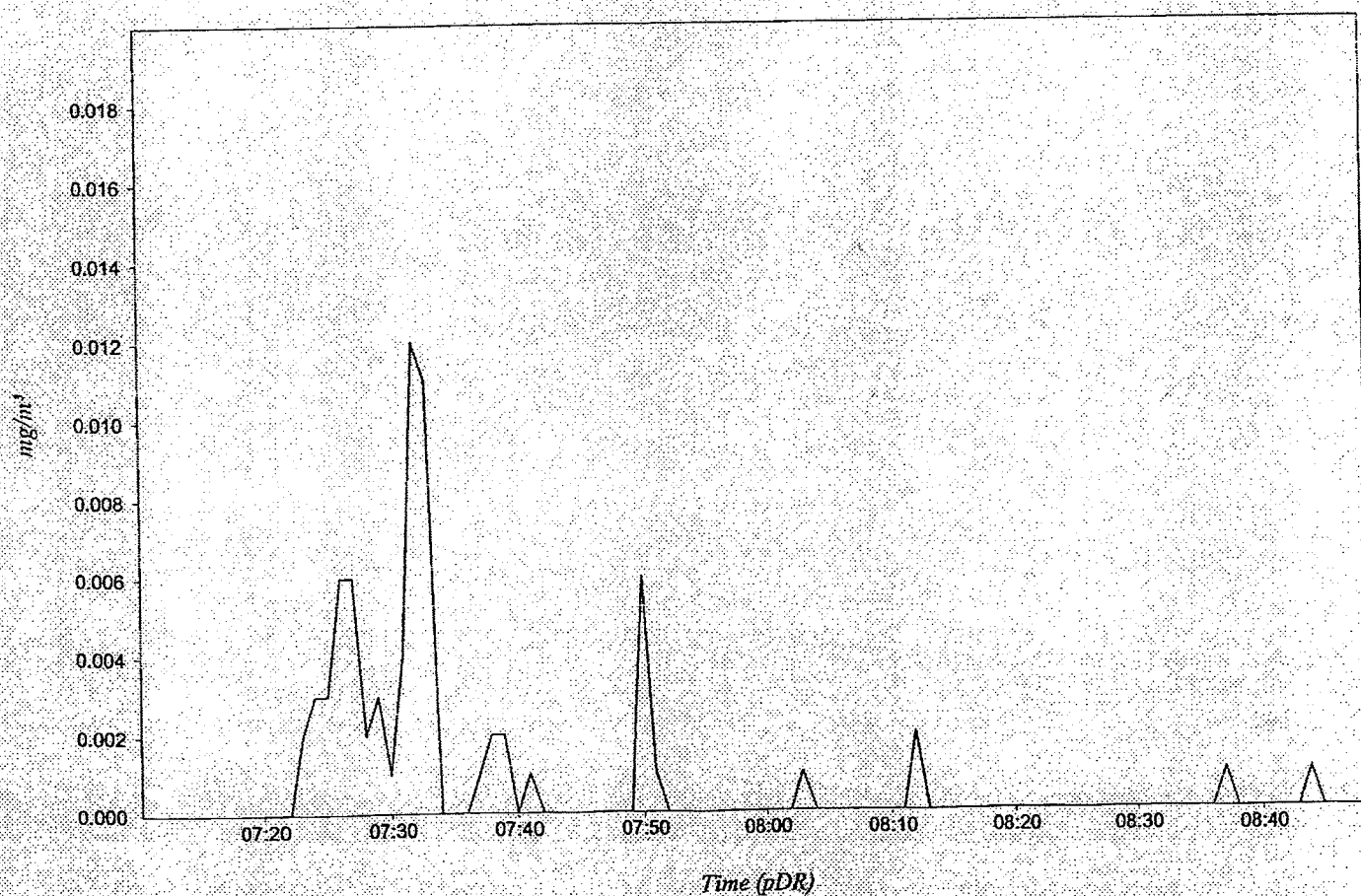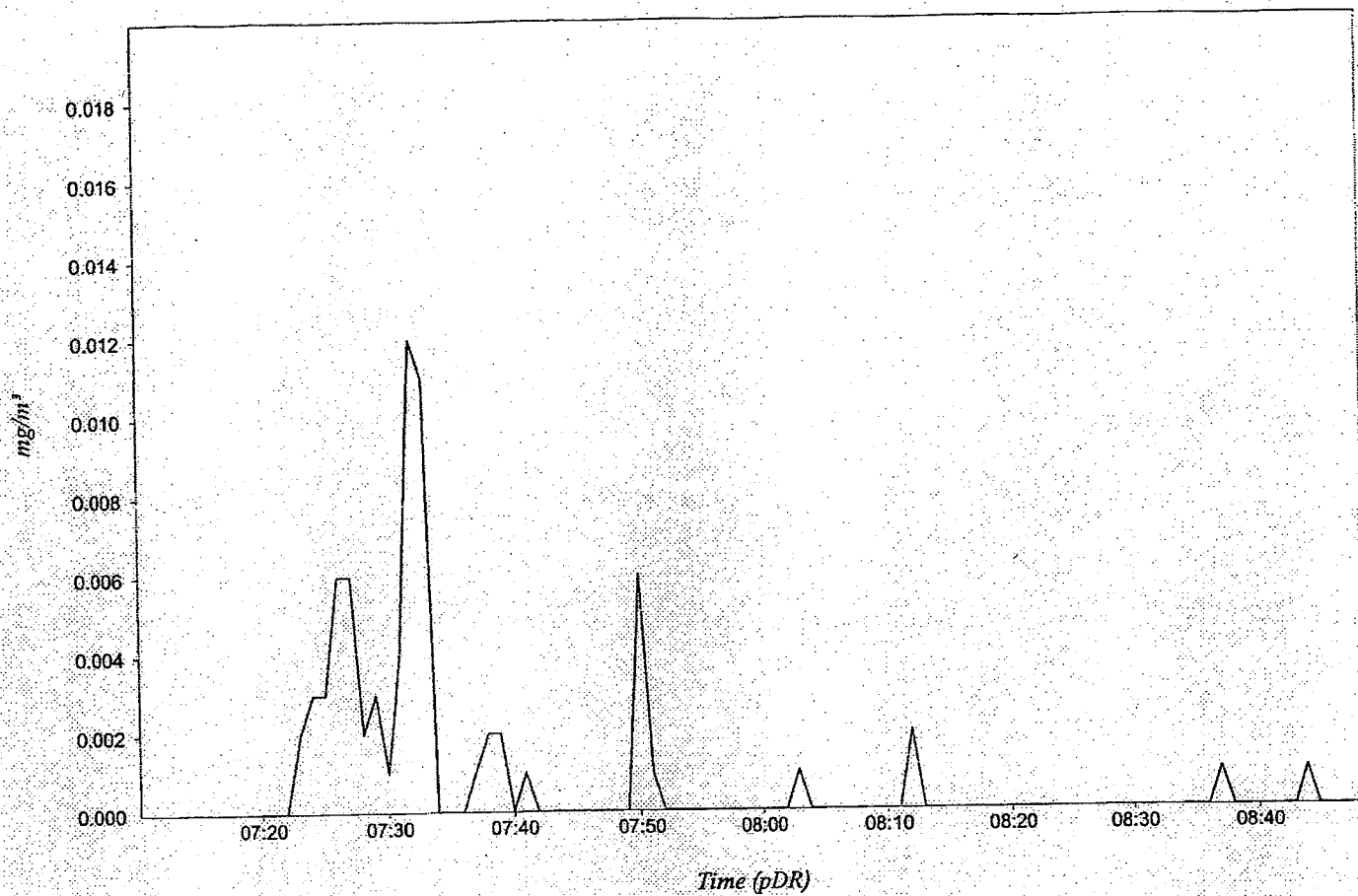
pDR-1000 S/N: 08133
Tag Number: 07
Number of logged points: 263
Start time and date: 07:17:11 27-Jul
Elapsed time: 04:23:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.164 mg/m³
Time at maximum: 07:21:36 Jul 27
Max STEL Concentration: 0.035 mg/m³
Time at max STEL: 08:29:41 Jul 27
Overall Avg Conc: 0.022 mg/m³
Logged Data:

| Point,	Date	,	Time	,	Avg. (mg/m³)
1,	27 Jul,	07:18:11,	0.006
2,	27 Jul,	07:19:11,	0.010
3,	27 Jul,	07:20:11,	0.013
4,	27 Jul,	07:21:11,	0.011
5,	27 Jul,	07:22:11,	0.038
6,	27 Jul,	07:23:11,	0.014
7,	27 Jul,	07:24:11,	0.012
8,	27 Jul,	07:25:11,	0.013
9,	27 Jul,	07:26:11,	0.026
10,	27 Jul,	07:27:11,	0.024
11,	27 Jul,	07:28:11,	0.019
12,	27 Jul,	07:29:11,	0.016
13,	27 Jul,	07:30:11,	0.023
14,	27 Jul,	07:31:11,	0.019
15,	27 Jul,	07:32:11,	0.021
16,	27 Jul,	07:33:11,	0.021
17,	27 Jul,	07:34:11,	0.021
18,	27 Jul,	07:35:11,	0.019
19,	27 Jul,	07:36:11,	0.028
20,	27 Jul,	07:37:11,	0.027
21,	27 Jul,	07:38:11,	0.026
22,	27 Jul,	07:39:11,	0.030
23,	27 Jul,	07:40:11,	0.026
24,	27 Jul,	07:41:11,	0.023
25,	27 Jul,	07:42:11,	0.027
26,	27 Jul,	07:43:11,	0.027
27,	27 Jul,	07:44:11,	0.024
28,	27 Jul,	07:45:11,	0.020
29,	27 Jul,	07:46:11,	0.027
30,	27 Jul,	07:47:11,	0.027
31,	27 Jul,	07:48:11,	0.027
32,	27 Jul,	07:49:11,	0.027
33,	27 Jul,	07:50:11,	0.030
34,	27 Jul,	07:51:11,	0.027
35,	27 Jul,	07:52:11,	0.024
36,	27 Jul,	07:53:11,	0.031
37,	27 Jul,	07:54:11,	0.030
38,	27 Jul,	07:55:11,	0.028
39,	27 Jul,	07:56:11,	0.024
40,	27 Jul,	07:57:11,	0.034
41,	27 Jul,	07:58:11,	0.028
42,	27 Jul,	07:59:11,	0.031
43,	27 Jul,	08:00:11,	0.033
44,	27 Jul,	08:01:11,	0.026
45,	27 Jul,	08:02:11,	0.025
46,	27 Jul,	08:03:11,	0.025
47,	27 Jul,	08:04:11,	0.024
48,	27 Jul,	08:05:11,	0.027
49,	27 Jul,	08:06:11,	0.025
50,	27 Jul,	08:07:11,	0.026
51,	27 Jul,	08:08:11,	0.027
52,	27 Jul,	08:09:11,	0.027
53,	27 Jul,	08:10:11,	0.024
54,	27 Jul,	08:11:11,	0.032
55,	27 Jul,	08:12:11,	0.029
56,	27 Jul,	08:13:11,	0.028
57,	27 Jul,	08:14:11,	0.027

Unit 2 - Downwind

```
 58,  27 Jul,  08:15:11,   0.031
 59,  27 Jul,  08:16:11,   0.031
 60,  27 Jul,  08:17:11,   0.030
 61,  27 Jul,  08:18:11,   0.031
 62,  27 Jul,  08:19:11,   0.037
 63,  27 Jul,  08:20:11,   0.034
 64,  27 Jul,  08:21:11,   0.032
 65,  27 Jul,  08:22:11,   0.033
 66,  27 Jul,  08:23:11,   0.039
 67,  27 Jul,  08:24:11,   0.036
 68,  27 Jul,  08:25:11,   0.031
 69,  27 Jul,  08:26:11,   0.038
 70,  27 Jul,  08:27:11,   0.039
 71,  27 Jul,  08:28:11,   0.036
 72,  27 Jul,  08:29:11,   0.035
 73,  27 Jul,  08:30:11,   0.035
 74,  27 Jul,  08:31:11,   0.034
 75,  27 Jul,  08:32:11,   0.030
 76,  27 Jul,  08:33:11,   0.041
 77,  27 Jul,  08:34:11,   0.029
 78,  27 Jul,  08:35:11,   0.038
 79,  27 Jul,  08:36:11,   0.032
 80,  27 Jul,  08:37:11,   0.031
 81,  27 Jul,  08:38:11,   0.031
 82,  27 Jul,  08:39:11,   0.034
 83,  27 Jul,  08:40:11,   0.031
 84,  27 Jul,  08:41:11,   0.034
 85,  27 Jul,  08:42:11,   0.034
 86,  27 Jul,  08:43:11,   0.029
 87,  27 Jul,  08:44:11,   0.032
 88,  27 Jul,  08:45:11,   0.035
 89,  27 Jul,  08:46:11,   0.032
 90,  27 Jul,  08:47:11,   0.030
 91,  27 Jul,  08:48:11,   0.026
 92,  27 Jul,  08:49:11,   0.024
 93,  27 Jul,  08:50:11,   0.027
 94,  27 Jul,  08:51:11,   0.025
 95,  27 Jul,  08:52:11,   0.024
 96,  27 Jul,  08:53:11,   0.033
 97,  27 Jul,  08:54:11,   0.052
 98,  27 Jul,  08:55:11,   0.033
 99,  27 Jul,  08:56:11,   0.024
100,  27 Jul,  08:57:11,   0.041
101,  27 Jul,  08:58:11,   0.025
102,  27 Jul,  08:59:11,   0.023
103,  27 Jul,  09:00:11,   0.024
104,  27 Jul,  09:01:11,   0.026
105,  27 Jul,  09:02:11,   0.024
106,  27 Jul,  09:03:11,   0.025
107,  27 Jul,  09:04:11,   0.024
108,  27 Jul,  09:05:11,   0.023
109,  27 Jul,  09:06:11,   0.023
110,  27 Jul,  09:07:11,   0.040
111,  27 Jul,  09:08:11,   0.033
112,  27 Jul,  09:09:11,   0.025
113,  27 Jul,  09:10:11,   0.025
114,  27 Jul,  09:11:11,   0.024
115,  27 Jul,  09:12:11,   0.022
116,  27 Jul,  09:13:11,   0.025
117,  27 Jul,  09:14:11,   0.021
118,  27 Jul,  09:15:11,   0.020
119,  27 Jul,  09:16:11,   0.022
120,  27 Jul,  09:17:11,   0.021
121,  27 Jul,  09:18:11,   0.024
122,  27 Jul,  09:19:11,   0.021
123,  27 Jul,  09:20:11,   0.020
124,  27 Jul,  09:21:11,   0.023
125,  27 Jul,  09:22:11,   0.026
126,  27 Jul,  09:23:11,   0.021
127,  27 Jul,  09:24:11,   0.019
128,  27 Jul,  09:25:11,   0.022
```

```
129, 27 Jul, 09:26:11,  0.022
130, 27 Jul, 09:27:11,  0.018
131, 27 Jul, 09:28:11,  0.017
132, 27 Jul, 09:29:11,  0.017
133, 27 Jul, 09:30:11,  0.017
134, 27 Jul, 09:31:11,  0.017
135, 27 Jul, 09:32:11,  0.019
136, 27 Jul, 09:33:11,  0.021
137, 27 Jul, 09:34:11,  0.022
138, 27 Jul, 09:35:11,  0.016
139, 27 Jul, 09:36:11,  0.017
140, 27 Jul, 09:37:11,  0.018
141, 27 Jul, 09:38:11,  0.016
142, 27 Jul, 09:39:11,  0.015
143, 27 Jul, 09:40:11,  0.018
144, 27 Jul, 09:41:11,  0.017
145, 27 Jul, 09:42:11,  0.015
146, 27 Jul, 09:43:11,  0.021
147, 27 Jul, 09:44:11,  0.017
148, 27 Jul, 09:45:11,  0.014
149, 27 Jul, 09:46:11,  0.019
150, 27 Jul, 09:47:11,  0.015
151, 27 Jul, 09:48:11,  0.013
152, 27 Jul, 09:49:11,  0.017
153, 27 Jul, 09:50:11,  0.015
154, 27 Jul, 09:51:11,  0.014
155, 27 Jul, 09:52:11,  0.015
156, 27 Jul, 09:53:11,  0.016
157, 27 Jul, 09:54:11,  0.016
158, 27 Jul, 09:55:11,  0.017
159, 27 Jul, 09:56:11,  0.016
160, 27 Jul, 09:57:11,  0.018
161, 27 Jul, 09:58:11,  0.018
162, 27 Jul, 09:59:11,  0.018
163, 27 Jul, 10:00:11,  0.020
164, 27 Jul, 10:01:11,  0.022
165, 27 Jul, 10:02:11,  0.029
166, 27 Jul, 10:03:11,  0.020
167, 27 Jul, 10:04:11,  0.018
168, 27 Jul, 10:05:11,  0.018
169, 27 Jul, 10:06:11,  0.021
170, 27 Jul, 10:07:11,  0.018
171, 27 Jul, 10:08:11,  0.017
172, 27 Jul, 10:09:11,  0.016
173, 27 Jul, 10:10:11,  0.018
174, 27 Jul, 10:11:11,  0.020
175, 27 Jul, 10:12:11,  0.018
176, 27 Jul, 10:13:11,  0.016
177, 27 Jul, 10:14:11,  0.021
178, 27 Jul, 10:15:11,  0.016
179, 27 Jul, 10:16:11,  0.019
180, 27 Jul, 10:17:11,  0.016
181, 27 Jul, 10:18:11,  0.018
182, 27 Jul, 10:19:11,  0.019
183, 27 Jul, 10:20:11,  0.016
184, 27 Jul, 10:21:11,  0.028
185, 27 Jul, 10:22:11,  0.022
186, 27 Jul, 10:23:11,  0.018
187, 27 Jul, 10:24:11,  0.018
188, 27 Jul, 10:25:11,  0.017
189, 27 Jul, 10:26:11,  0.019
190, 27 Jul, 10:27:11,  0.014
191, 27 Jul, 10:28:11,  0.023
192, 27 Jul, 10:29:11,  0.016
193, 27 Jul, 10:30:11,  0.015
194, 27 Jul, 10:31:11,  0.022
195, 27 Jul, 10:32:11,  0.016
196, 27 Jul, 10:33:11,  0.015
197, 27 Jul, 10:34:11,  0.016
198, 27 Jul, 10:35:11,  0.017
199, 27 Jul, 10:36:11,  0.016
```

```
200, 27 Jul, 10:37:11,    0.016
201, 27 Jul, 10:38:11,    0.014
202, 27 Jul, 10:39:11,    0.017
203, 27 Jul, 10:40:11,    0.015
204, 27 Jul, 10:41:11,    0.016
205, 27 Jul, 10:42:11,    0.015
206, 27 Jul, 10:43:11,    0.016
207, 27 Jul, 10:44:11,    0.017
208, 27 Jul, 10:45:11,    0.016
209, 27 Jul, 10:46:11,    0.022
210, 27 Jul, 10:47:11,    0.016
211, 27 Jul, 10:48:11,    0.021
212, 27 Jul, 10:49:11,    0.020
213, 27 Jul, 10:50:11,    0.019
214, 27 Jul, 10:51:11,    0.022
215, 27 Jul, 10:52:11,    0.020
216, 27 Jul, 10:53:11,    0.018
217, 27 Jul, 10:54:11,    0.018
218, 27 Jul, 10:55:11,    0.018
219, 27 Jul, 10:56:11,    0.018
220, 27 Jul, 10:57:11,    0.018
221, 27 Jul, 10:58:11,    0.018
222, 27 Jul, 10:59:11,    0.018
223, 27 Jul, 11:00:11,    0.018
224, 27 Jul, 11:01:11,    0.017
225, 27 Jul, 11:02:11,    0.019
226, 27 Jul, 11:03:11,    0.015
227, 27 Jul, 11:04:11,    0.016
228, 27 Jul, 11:05:11,    0.017
229, 27 Jul, 11:06:11,    0.018
230, 27 Jul, 11:07:11,    0.018
231, 27 Jul, 11:08:11,    0.018
232, 27 Jul, 11:09:11,    0.023
233, 27 Jul, 11:10:11,    0.019
234, 27 Jul, 11:11:11,    0.018
235, 27 Jul, 11:12:11,    0.016
236, 27 Jul, 11:13:11,    0.017
237, 27 Jul, 11:14:11,    0.017
238, 27 Jul, 11:15:11,    0.017
239, 27 Jul, 11:16:11,    0.017
240, 27 Jul, 11:17:11,    0.015
241, 27 Jul, 11:18:11,    0.018
242, 27 Jul, 11:19:11,    0.017
243, 27 Jul, 11:20:11,    0.015
244, 27 Jul, 11:21:11,    0.017
245, 27 Jul, 11:22:11,    0.016
246, 27 Jul, 11:23:11,    0.015
247, 27 Jul, 11:24:11,    0.018
248, 27 Jul, 11:25:11,    0.015
249, 27 Jul, 11:26:11,    0.018
250, 27 Jul, 11:27:11,    0.018
251, 27 Jul, 11:28:11,    0.015
252, 27 Jul, 11:29:11,    0.016
253, 27 Jul, 11:30:11,    0.014
254, 27 Jul, 11:31:11,    0.014
255, 27 Jul, 11:32:11,    0.015
256, 27 Jul, 11:33:11,    0.013
257, 27 Jul, 11:34:11,    0.015
258, 27 Jul, 11:35:11,    0.013
259, 27 Jul, 11:36:11,    0.013
260, 27 Jul, 11:37:11,    0.015
261, 27 Jul, 11:38:11,    0.012
262, 27 Jul, 11:39:11,    0.017
263, 27 Jul, 11:40:11,    0.013
```

Time (pDR)

Time (pDR)
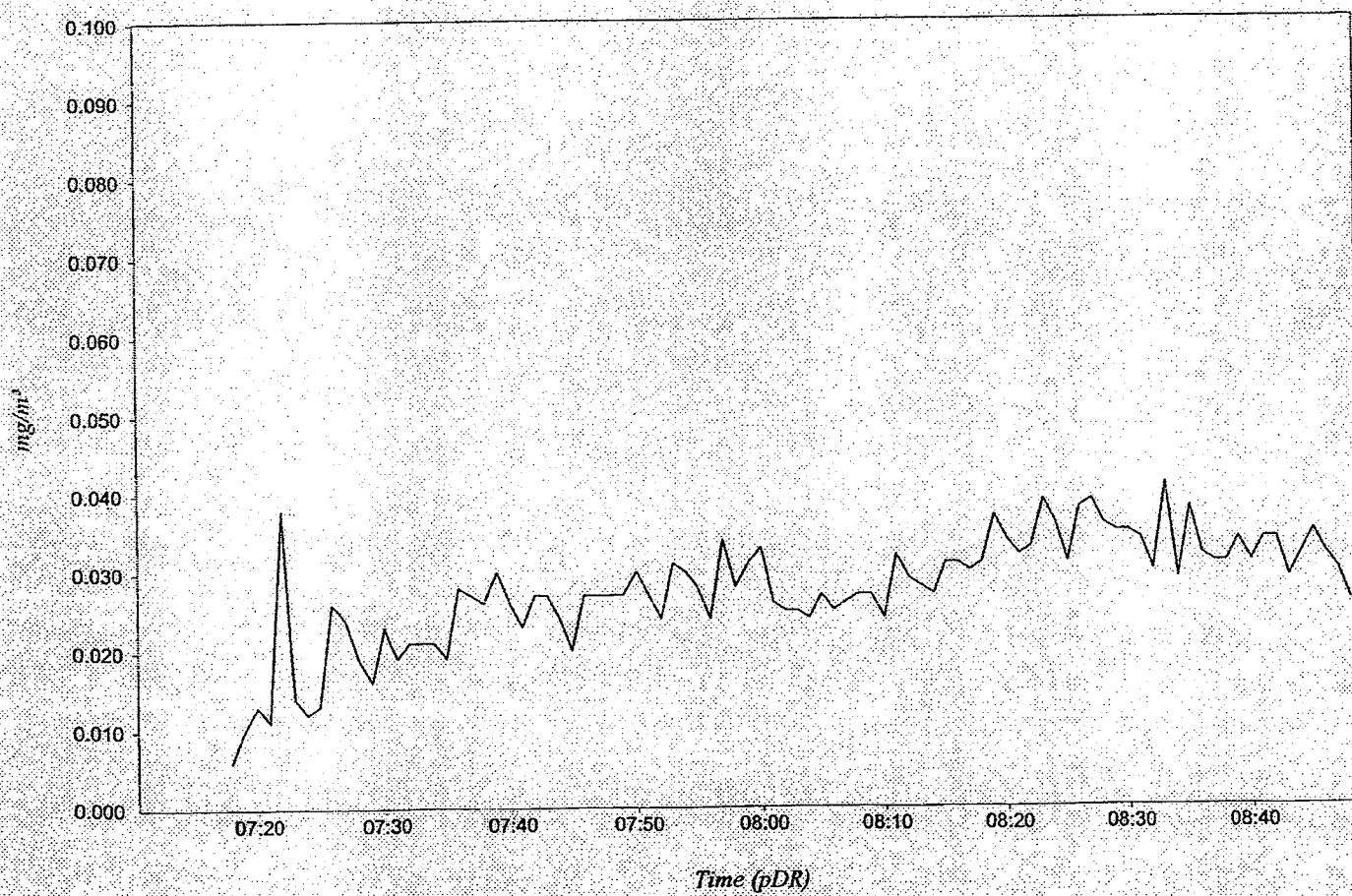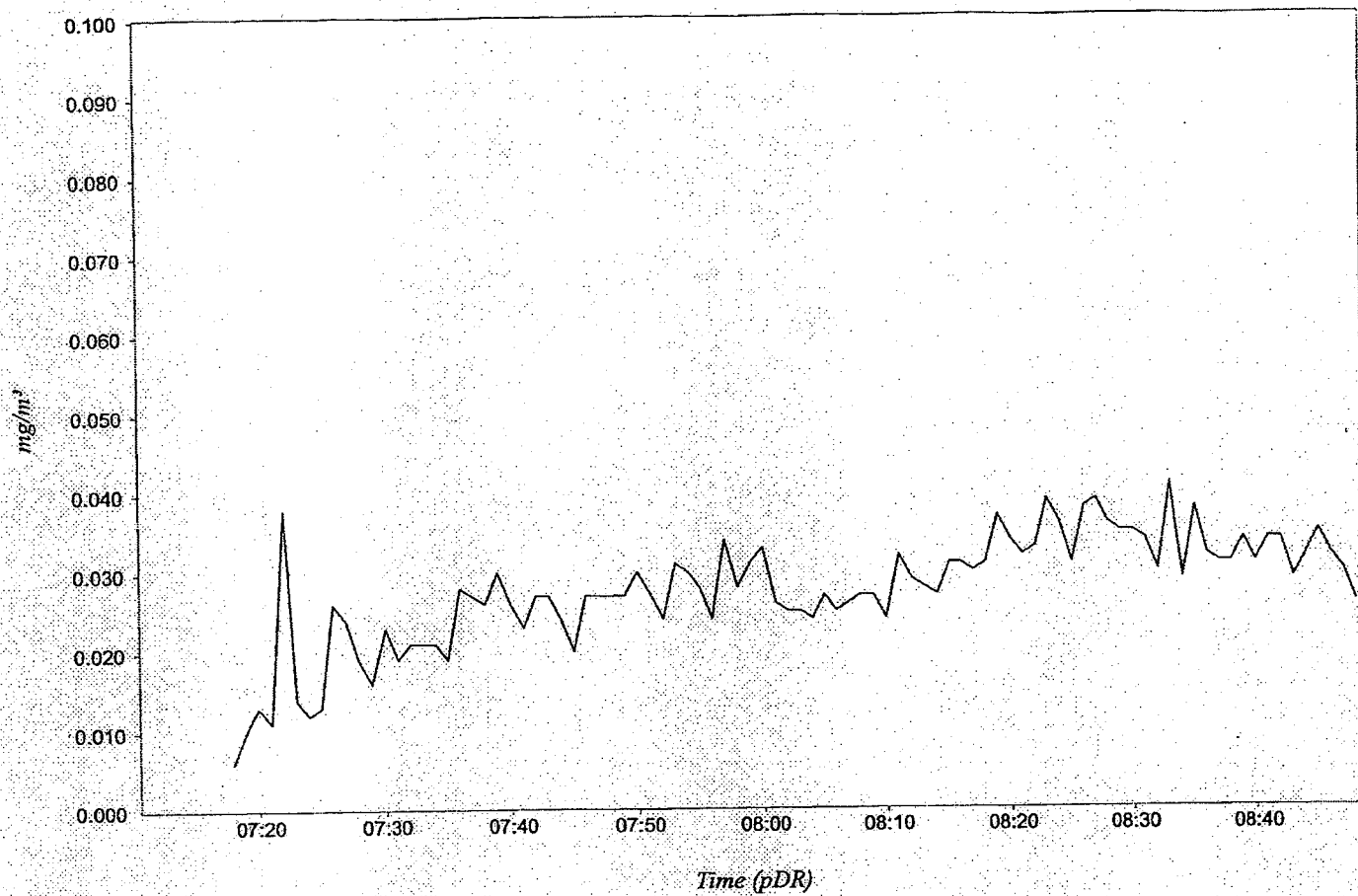
```
pDR-1000 S/N: 08133
Tag Number: 08
Number of logged points: 81
Start time and date:  07:34:14 30-Jul
Elapsed time: 01:21:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.121 mg/m³
Time at maximum: 07:36:10 Jul 30
Max STEL Concentration: 0.047 mg/m³
Time at max STEL:  08:04:14 Jul 30
Overall Avg Conc: 0.038 mg/m³
Logged Data:
Point, Date  , Time    , Avg. (mg/m³)
    1,  30 Jul,  07:35:14,  0.030
    2,  30 Jul,  07:36:14,  0.080
    3,  30 Jul,  07:37:14,  0.032
    4,  30 Jul,  07:38:14,  0.025
    5,  30 Jul,  07:39:14,  0.031
    6,  30 Jul,  07:40:14,  0.026
    7,  30 Jul,  07:41:14,  0.029
    8,  30 Jul,  07:42:14,  0.023
    9,  30 Jul,  07:43:14,  0.023
   10,  30 Jul,  07:44:14,  0.022
   11,  30 Jul,  07:45:14,  0.023
   12,  30 Jul,  07:46:14,  0.017
   13,  30 Jul,  07:47:14,  0.021
   14,  30 Jul,  07:48:14,  0.025
   15,  30 Jul,  07:49:14,  0.023
   16,  30 Jul,  07:50:14,  0.046
   17,  30 Jul,  07:51:14,  0.049
   18,  30 Jul,  07:52:14,  0.043
   19,  30 Jul,  07:53:14,  0.043
   20,  30 Jul,  07:54:14,  0.045
   21,  30 Jul,  07:55:14,  0.037
   22,  30 Jul,  07:56:14,  0.045
   23,  30 Jul,  07:57:14,  0.044
   24,  30 Jul,  07:58:14,  0.040
   25,  30 Jul,  07:59:14,  0.059
   26,  30 Jul,  08:00:14,  0.054
   27,  30 Jul,  08:01:14,  0.052
   28,  30 Jul,  08:02:14,  0.052
   29,  30 Jul,  08:03:14,  0.040
   30,  30 Jul,  08:04:14,  0.053
   31,  30 Jul,  08:05:14,  0.039
   32,  30 Jul,  08:06:14,  0.036
   33,  30 Jul,  08:07:14,  0.039
   34,  30 Jul,  08:08:14,  0.044
   35,  30 Jul,  08:09:14,  0.040
   36,  30 Jul,  08:10:14,  0.048
   37,  30 Jul,  08:11:14,  0.049
   38,  30 Jul,  08:12:14,  0.040
   39,  30 Jul,  08:13:14,  0.040
   40,  30 Jul,  08:14:14,  0.033
   41,  30 Jul,  08:15:14,  0.033
   42,  30 Jul,  08:16:14,  0.032
   43,  30 Jul,  08:17:14,  0.034
   44,  30 Jul,  08:18:14,  0.042
   45,  30 Jul,  08:19:14,  0.034
   46,  30 Jul,  08:20:14,  0.035
   47,  30 Jul,  08:21:14,  0.033
   48,  30 Jul,  08:22:14,  0.040
   49,  30 Jul,  08:23:14,  0.057
   50,  30 Jul,  08:24:14,  0.050
   51,  30 Jul,  08:25:14,  0.045
   52,  30 Jul,  08:26:14,  0.036
   53,  30 Jul,  08:27:14,  0.038
   54,  30 Jul,  08:28:14,  0.037
   55,  30 Jul,  08:29:14,  0.041
   56,  30 Jul,  08:30:14,  0.033
   57,  30 Jul,  08:31:14,  0.031
```

Unit 1 - Upwind

```
58, 30 Jul, 08:32:14,   0.035
59, 30 Jul, 08:33:14,   0.045
60, 30 Jul, 08:34:14,   0.042
61, 30 Jul, 08:35:14,   0.039
62, 30 Jul, 08:36:14,   0.053
63, 30 Jul, 08:37:14,   0.057
64, 30 Jul, 08:38:14,   0.045
65, 30 Jul, 08:39:14,   0.039
66, 30 Jul, 08:40:14,   0.038
67, 30 Jul, 08:41:14,   0.030
68, 30 Jul, 08:42:14,   0.026
69, 30 Jul, 08:43:14,   0.025
70, 30 Jul, 08:44:14,   0.036
71, 30 Jul, 08:45:14,   0.030
72, 30 Jul, 08:46:14,   0.027
73, 30 Jul, 08:47:14,   0.031
74, 30 Jul, 08:48:14,   0.034
75, 30 Jul, 08:49:14,   0.031
76, 30 Jul, 08:50:14,   0.031
77, 30 Jul, 08:51:14,   0.038
78, 30 Jul, 08:52:14,   0.039
79, 30 Jul, 08:53:14,   0.055
80, 30 Jul, 08:54:14,   0.048
81, 30 Jul, 08:55:14,   0.050
```

pDR-1000 S/N: 08133 / Tag # 08 / Start time: Jul 30, 07:34:14
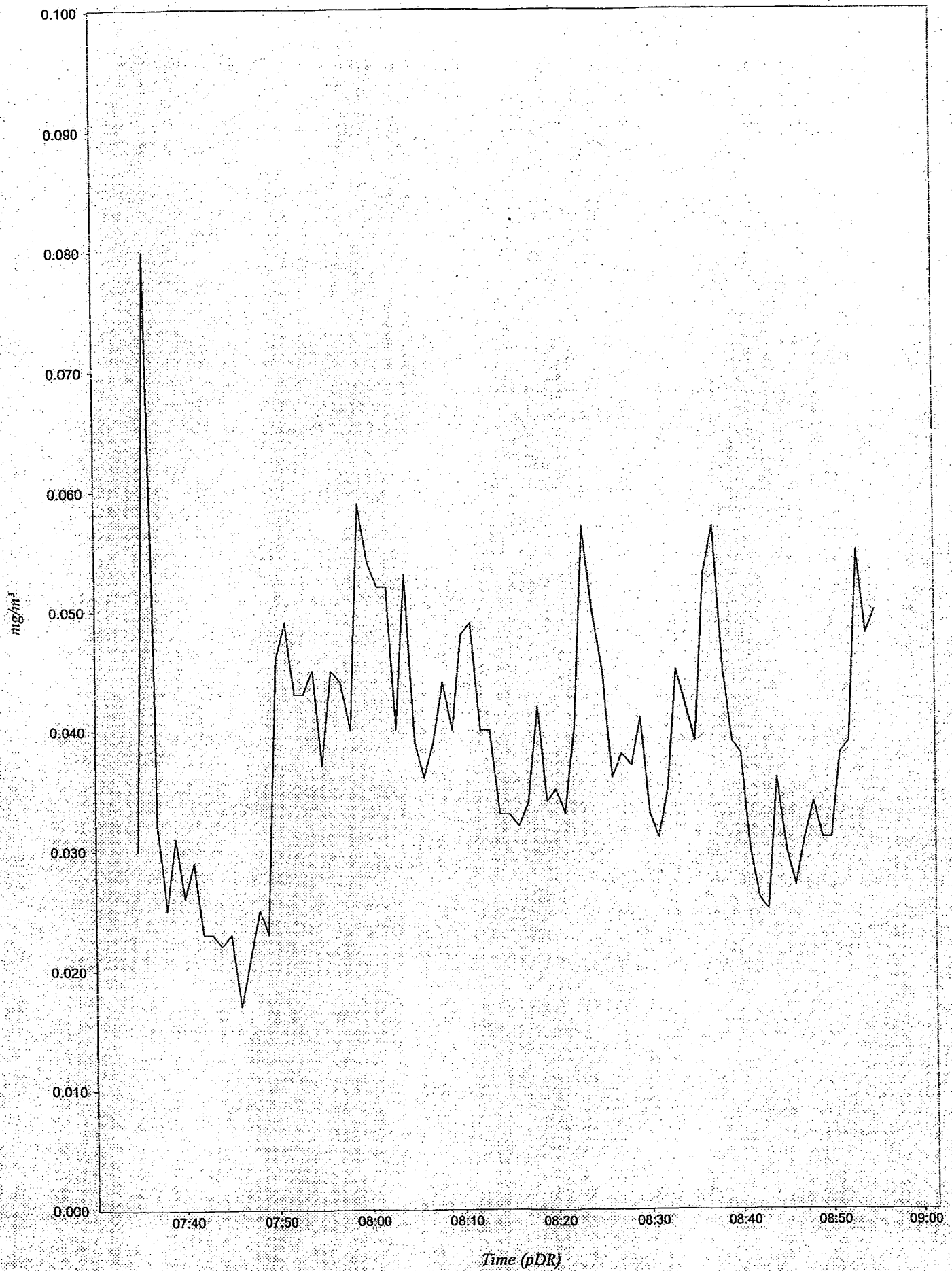
pDR-1000 S/N: 08133
Tag Number: 08
Number of logged points: 83
Start time and date: 07:34:19 30-Jul
Elapsed time: 01:23:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.258 mg/m³
Time at maximum: 08:18:03 Jul 30
Max STEL Concentration: 0.127 mg/m³
Time at max STEL: 08:47:50 Jul 30
Overall Avg Conc: 0.108 mg/m³
Logged Data:

UniT 2 - Downwind

Point	Date	Time	Avg. (mg/m³)
1,	30 Jul,	07:35:19,	0.050
2,	30 Jul,	07:36:19,	0.049
3,	30 Jul,	07:37:19,	0.047
4,	30 Jul,	07:38:19,	0.046
5,	30 Jul,	07:39:19,	0.062
6,	30 Jul,	07:40:19,	0.057
7,	30 Jul,	07:41:19,	0.064
8,	30 Jul,	07:42:19,	0.054
9,	30 Jul,	07:43:19,	0.063
10,	30 Jul,	07:44:19,	0.054
11,	30 Jul,	07:45:19,	0.049
12,	30 Jul,	07:46:19,	0.054
13,	30 Jul,	07:47:19,	0.055
14,	30 Jul,	07:48:19,	0.052
15,	30 Jul,	07:49:19,	0.060
16,	30 Jul,	07:50:19,	0.070
17,	30 Jul,	07:51:19,	0.077
18,	30 Jul,	07:52:19,	0.105
19,	30 Jul,	07:53:19,	0.126
20,	30 Jul,	07:54:19,	0.151
21,	30 Jul,	07:55:19,	0.038
22,	30 Jul,	07:56:19,	0.087
23,	30 Jul,	07:57:19,	0.109
24,	30 Jul,	07:58:19,	0.116
25,	30 Jul,	07:59:19,	0.116
26,	30 Jul,	08:00:19,	0.115
27,	30 Jul,	08:01:19,	0.114
28,	30 Jul,	08:02:19,	0.112
29,	30 Jul,	08:03:19,	0.121
30,	30 Jul,	08:04:19,	0.128
31,	30 Jul,	08:05:19,	0.119
32,	30 Jul,	08:06:19,	0.119
33,	30 Jul,	08:07:19,	0.118
34,	30 Jul,	08:08:19,	0.116
35,	30 Jul,	08:09:19,	0.119
36,	30 Jul,	08:10:19,	0.124
37,	30 Jul,	08:11:19,	0.117
38,	30 Jul,	08:12:19,	0.122
39,	30 Jul,	08:13:19,	0.118
40,	30 Jul,	08:14:19,	0.117
41,	30 Jul,	08:15:19,	0.122
42,	30 Jul,	08:16:19,	0.121
43,	30 Jul,	08:17:19,	0.117
44,	30 Jul,	08:18:19,	0.144
45,	30 Jul,	08:19:19,	0.126
46,	30 Jul,	08:20:19,	0.120
47,	30 Jul,	08:21:19,	0.114
48,	30 Jul,	08:22:19,	0.124
49,	30 Jul,	08:23:19,	0.118
50,	30 Jul,	08:24:19,	0.117
51,	30 Jul,	08:25:19,	0.118
52,	30 Jul,	08:26:19,	0.118
53,	30 Jul,	08:27:19,	0.122
54,	30 Jul,	08:28:19,	0.115
55,	30 Jul,	08:29:19,	0.122
56,	30 Jul,	08:30:19,	0.119
57,	30 Jul,	08:31:19,	0.123

```
58, 30 Jul, 08:32:19,  0.119
59, 30 Jul, 08:33:19,  0.120
60, 30 Jul, 08:34:19,  0.126
61, 30 Jul, 08:35:19,  0.127
62, 30 Jul, 08:36:19,  0.120
63, 30 Jul, 08:37:19,  0.125
64, 30 Jul, 08:38:19,  0.130
65, 30 Jul, 08:39:19,  0.128
66, 30 Jul, 08:40:19,  0.146
67, 30 Jul, 08:41:19,  0.130
68, 30 Jul, 08:42:19,  0.121
69, 30 Jul, 08:43:19,  0.129
70, 30 Jul, 08:44:19,  0.119
71, 30 Jul, 08:45:19,  0.125
72, 30 Jul, 08:46:19,  0.121
73, 30 Jul, 08:47:19,  0.131
74, 30 Jul, 08:48:19,  0.121
75, 30 Jul, 08:49:19,  0.127
76, 30 Jul, 08:50:19,  0.129
77, 30 Jul, 08:51:19,  0.124
78, 30 Jul, 08:52:19,  0.117
79, 30 Jul, 08:53:19,  0.136
80, 30 Jul, 08:54:19,  0.127
81, 30 Jul, 08:55:19,  0.123
82, 30 Jul, 08:56:19,  0.126
83, 30 Jul, 08:57:19,  0.129
```

pDR-1000 S/N: 08133 / Tag # 08 / Start time: Jul 30, 07:34:19
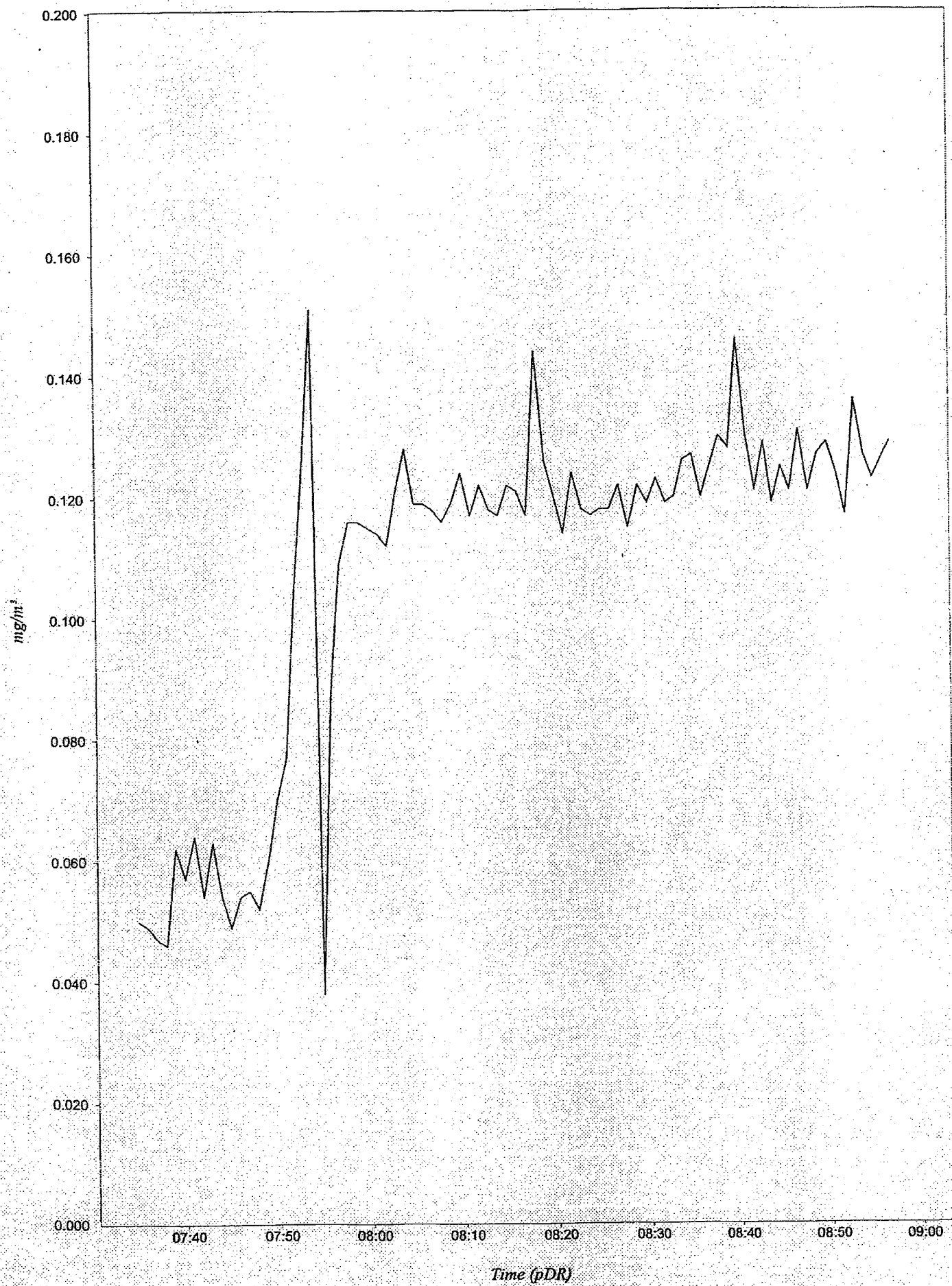
```
pDR-1000 S/N: 08133
Tag Number: 09
Number of logged points: 194
Start time and date:  08:29:34 03-Aug
Elapsed time: 03:14:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.375 mg/m³
Time at maximum: 08:37:15 Aug 03
Max STEL Concentration: 0.052 mg/m³
Time at max STEL:  08:49:04 Aug 03
Overall Avg Conc: 0.024 mg/m³
Logged Data:
Point, Date , Time    ,   Avg. (mg/m³)
    1, 03 Aug, 08:30:34,  0.022
    2, 03 Aug, 08:31:34,  0.021
    3, 03 Aug, 08:32:34,  0.020
    4, 03 Aug, 08:33:34,  0.021
    5, 03 Aug, 08:34:34,  0.020
    6, 03 Aug, 08:35:34,  0.021
    7, 03 Aug, 08:36:34,  0.081
    8, 03 Aug, 08:37:34,  0.145
    9, 03 Aug, 08:38:34,  0.145
   10, 03 Aug, 08:39:34,  0.131
   11, 03 Aug, 08:40:34,  0.031
   12, 03 Aug, 08:41:34,  0.026
   13, 03 Aug, 08:42:34,  0.018
   14, 03 Aug, 08:43:34,  0.020
   15, 03 Aug, 08:44:34,  0.023
   16, 03 Aug, 08:45:34,  0.030
   17, 03 Aug, 08:46:34,  0.020
   18, 03 Aug, 08:47:34,  0.020
   19, 03 Aug, 08:48:34,  0.040
   20, 03 Aug, 08:49:34,  0.026
   21, 03 Aug, 08:50:34,  0.021
   22, 03 Aug, 08:51:34,  0.020
   23, 03 Aug, 08:52:34,  0.019
   24, 03 Aug, 08:53:34,  0.023
   25, 03 Aug, 08:54:34,  0.022
   26, 03 Aug, 08:55:34,  0.033
   27, 03 Aug, 08:56:34,  0.023
   28, 03 Aug, 08:57:34,  0.025
   29, 03 Aug, 08:58:34,  0.023
   30, 03 Aug, 08:59:34,  0.021
   31, 03 Aug, 09:00:34,  0.026
   32, 03 Aug, 09:01:34,  0.024
   33, 03 Aug, 09:02:34,  0.021
   34, 03 Aug, 09:03:34,  0.019
   35, 03 Aug, 09:04:34,  0.022
   36, 03 Aug, 09:05:34,  0.041
   37, 03 Aug, 09:06:34,  0.020
   38, 03 Aug, 09:07:34,  0.018
   39, 03 Aug, 09:08:34,  0.020
   40, 03 Aug, 09:09:34,  0.021
   41, 03 Aug, 09:10:34,  0.021
   42, 03 Aug, 09:11:34,  0.020
   43, 03 Aug, 09:12:34,  0.019
   44, 03 Aug, 09:13:34,  0.020
   45, 03 Aug, 09:14:34,  0.019
   46, 03 Aug, 09:15:34,  0.020
   47, 03 Aug, 09:16:34,  0.020
   48, 03 Aug, 09:17:34,  0.019
   49, 03 Aug, 09:18:34,  0.018
   50, 03 Aug, 09:19:34,  0.019
   51, 03 Aug, 09:20:34,  0.019
   52, 03 Aug, 09:21:34,  0.021
   53, 03 Aug, 09:22:34,  0.020
   54, 03 Aug, 09:23:34,  0.020
   55, 03 Aug, 09:24:34,  0.019
   56, 03 Aug, 09:25:34,  0.017
   57, 03 Aug, 09:26:34,  0.020
```

Unit 2 - Downwind

Note: Unit 1 not working
No data collected

```
 58, 03 Aug, 09:27:34,  0.020
 59, 03 Aug, 09:28:34,  0.019
 60, 03 Aug, 09:29:34,  0.017
 61, 03 Aug, 09:30:34,  0.023
 62, 03 Aug, 09:31:34,  0.021
 63, 03 Aug, 09:32:34,  0.019
 64, 03 Aug, 09:33:34,  0.022
 65, 03 Aug, 09:34:34,  0.033
 66, 03 Aug, 09:35:34,  0.022
 67, 03 Aug, 09:36:34,  0.017
 68, 03 Aug, 09:37:34,  0.022
 69, 03 Aug, 09:38:34,  0.023
 70, 03 Aug, 09:39:34,  0.020
 71, 03 Aug, 09:40:34,  0.023
 72, 03 Aug, 09:41:34,  0.021
 73, 03 Aug, 09:42:34,  0.025
 74, 03 Aug, 09:43:34,  0.021
 75, 03 Aug, 09:44:34,  0.020
 76, 03 Aug, 09:45:34,  0.021
 77, 03 Aug, 09:46:34,  0.024
 78, 03 Aug, 09:47:34,  0.029
 79, 03 Aug, 09:48:34,  0.022
 80, 03 Aug, 09:49:34,  0.020
 81, 03 Aug, 09:50:34,  0.022
 82, 03 Aug, 09:51:34,  0.024
 83, 03 Aug, 09:52:34,  0.020
 84, 03 Aug, 09:53:34,  0.019
 85, 03 Aug, 09:54:34,  0.028
 86, 03 Aug, 09:55:34,  0.024
 87, 03 Aug, 09:56:34,  0.024
 88, 03 Aug, 09:57:34,  0.020
 89, 03 Aug, 09:58:34,  0.021
 90, 03 Aug, 09:59:34,  0.024
 91, 03 Aug, 10:00:34,  0.018
 92, 03 Aug, 10:01:34,  0.020
 93, 03 Aug, 10:02:34,  0.023
 94, 03 Aug, 10:03:34,  0.018
 95, 03 Aug, 10:04:34,  0.021
 96, 03 Aug, 10:05:34,  0.024
 97, 03 Aug, 10:06:34,  0.019
 98, 03 Aug, 10:07:34,  0.019
 99, 03 Aug, 10:08:34,  0.021
100, 03 Aug, 10:09:34,  0.019
101, 03 Aug, 10:10:34,  0.018
102, 03 Aug, 10:11:34,  0.018
103, 03 Aug, 10:12:34,  0.020
104, 03 Aug, 10:13:34,  0.018
105, 03 Aug, 10:14:34,  0.019
106, 03 Aug, 10:15:34,  0.017
107, 03 Aug, 10:16:34,  0.021
108, 03 Aug, 10:17:34,  0.024
109, 03 Aug, 10:18:34,  0.020
110, 03 Aug, 10:19:34,  0.020
111, 03 Aug, 10:20:34,  0.016
112, 03 Aug, 10:21:34,  0.018
113, 03 Aug, 10:22:34,  0.021
114, 03 Aug, 10:23:34,  0.031
115, 03 Aug, 10:24:34,  0.021
116, 03 Aug, 10:25:34,  0.028
117, 03 Aug, 10:26:34,  0.020
118, 03 Aug, 10:27:34,  0.023
119, 03 Aug, 10:28:34,  0.026
120, 03 Aug, 10:29:34,  0.024
121, 03 Aug, 10:30:34,  0.026
122, 03 Aug, 10:31:34,  0.022
123, 03 Aug, 10:32:34,  0.031
124, 03 Aug, 10:33:34,  0.023
125, 03 Aug, 10:34:34,  0.022
126, 03 Aug, 10:35:34,  0.030
127, 03 Aug, 10:36:34,  0.018
128, 03 Aug, 10:37:34,  0.023
```

```
129,  03 Aug,  10:38:34,   0.022
130,  03 Aug,  10:39:34,   0.023
131,  03 Aug,  10:40:34,   0.022
132,  03 Aug,  10:41:34,   0.024
133,  03 Aug,  10:42:34,   0.022
134,  03 Aug,  10:43:34,   0.029
135,  03 Aug,  10:44:34,   0.023
136,  03 Aug,  10:45:34,   0.021
137,  03 Aug,  10:46:34,   0.023
138,  03 Aug,  10:47:34,   0.020
139,  03 Aug,  10:48:34,   0.024
140,  03 Aug,  10:49:34,   0.027
141,  03 Aug,  10:50:34,   0.020
142,  03 Aug,  10:51:34,   0.022
143,  03 Aug,  10:52:34,   0.021
144,  03 Aug,  10:53:34,   0.023
145,  03 Aug,  10:54:34,   0.018
146,  03 Aug,  10:55:34,   0.022
147,  03 Aug,  10:56:34,   0.019
148,  03 Aug,  10:57:34,   0.023
149,  03 Aug,  10:58:34,   0.017
150,  03 Aug,  10:59:34,   0.020
151,  03 Aug,  11:00:34,   0.023
152,  03 Aug,  11:01:34,   0.020
153,  03 Aug,  11:02:34,   0.027
154,  03 Aug,  11:03:34,   0.021
155,  03 Aug,  11:04:34,   0.021
156,  03 Aug,  11:05:34,   0.020
157,  03 Aug,  11:06:34,   0.024
158,  03 Aug,  11:07:34,   0.023
159,  03 Aug,  11:08:34,   0.019
160,  03 Aug,  11:09:34,   0.024
161,  03 Aug,  11:10:34,   0.020
162,  03 Aug,  11:11:34,   0.024
163,  03 Aug,  11:12:34,   0.020
164,  03 Aug,  11:13:34,   0.021
165,  03 Aug,  11:14:34,   0.022
166,  03 Aug,  11:15:34,   0.021
167,  03 Aug,  11:16:34,   0.023
168,  03 Aug,  11:17:34,   0.023
169,  03 Aug,  11:18:34,   0.021
170,  03 Aug,  11:19:34,   0.023
171,  03 Aug,  11:20:34,   0.029
172,  03 Aug,  11:21:34,   0.022
173,  03 Aug,  11:22:34,   0.022
174,  03 Aug,  11:23:34,   0.027
175,  03 Aug,  11:24:34,   0.019
176,  03 Aug,  11:25:34,   0.018
177,  03 Aug,  11:26:34,   0.021
178,  03 Aug,  11:27:34,   0.020
179,  03 Aug,  11:28:34,   0.022
180,  03 Aug,  11:29:34,   0.019
181,  03 Aug,  11:30:34,   0.021
182,  03 Aug,  11:31:34,   0.027
183,  03 Aug,  11:32:34,   0.019
184,  03 Aug,  11:33:34,   0.023
185,  03 Aug,  11:34:34,   0.020
186,  03 Aug,  11:35:34,   0.025
187,  03 Aug,  11:36:34,   0.019
188,  03 Aug,  11:37:34,   0.024
189,  03 Aug,  11:38:34,   0.021
190,  03 Aug,  11:39:34,   0.019
191,  03 Aug,  11:40:34,   0.024
192,  03 Aug,  11:41:34,   0.021
193,  03 Aug,  11:42:34,   0.020
194,  03 Aug,  11:43:34,   0.023
```

pDR-1000 S/N: 08133 / Tag # 09 / Start time: Aug 03, 08:29:34
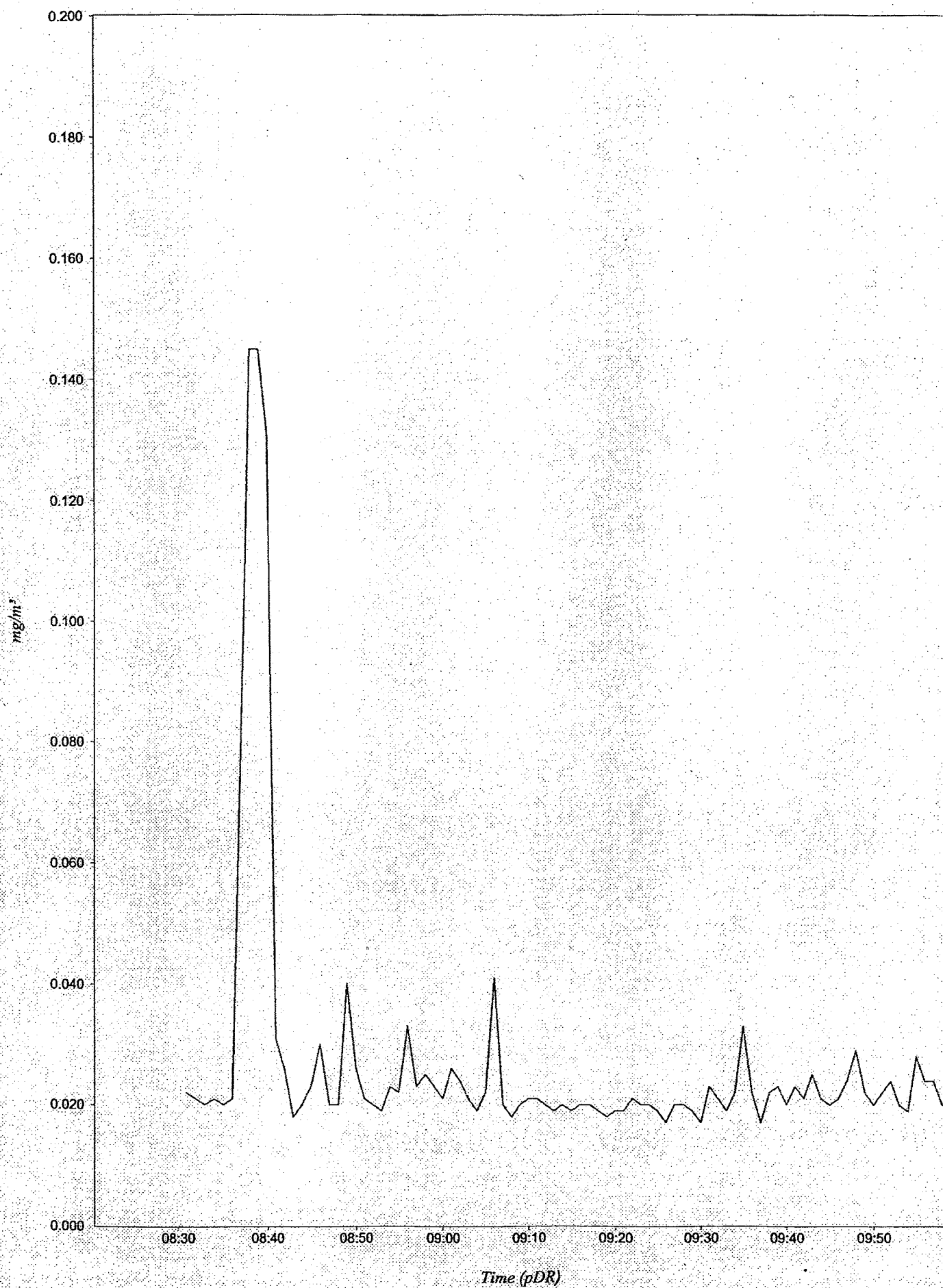
```
pDR-1000 S/N: 08133
Tag Number: 10
Number of logged points: 286
Start time and date:  08:28:23 06-Aug
Elapsed time: 04:46:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.338 mg/m³
Time at maximum: 11:20:31 Aug 06
Max STEL Concentration: 0.078 mg/m³
Time at max STEL:  12:24:24 Aug 06
Overall Avg Conc: 0.052 mg/m³
Logged Data:
Point, Date  , Time    , Avg.(mg/m³)
    1,  06 Aug,  08:29:23,   0.041
    2,  06 Aug,  08:30:23,   0.047
    3,  06 Aug,  08:31:23,   0.044
    4,  06 Aug,  08:32:23,   0.046
    5,  06 Aug,  08:33:23,   0.046
    6,  06 Aug,  08:34:23,   0.126
    7,  06 Aug,  08:35:23,   0.066
    8,  06 Aug,  08:36:23,   0.040
    9,  06 Aug,  08:37:23,   0.039
   10,  06 Aug,  08:38:23,   0.040
   11,  06 Aug,  08:39:23,   0.035
   12,  06 Aug,  08:40:23,   0.038
   13,  06 Aug,  08:41:23,   0.039
   14,  06 Aug,  08:42:23,   0.036
   15,  06 Aug,  08:43:23,   0.037
   16,  06 Aug,  08:44:23,   0.035
   17,  06 Aug,  08:45:23,   0.035
   18,  06 Aug,  08:46:23,   0.030
   19,  06 Aug,  08:47:23,   0.032
   20,  06 Aug,  08:48:23,   0.030
   21,  06 Aug,  08:49:23,   0.027
   22,  06 Aug,  08:50:23,   0.028
   23,  06 Aug,  08:51:23,   0.034
   24,  06 Aug,  08:52:23,   0.030
   25,  06 Aug,  08:53:23,   0.028
   26,  06 Aug,  08:54:23,   0.031
   27,  06 Aug,  08:55:23,   0.026
   28,  06 Aug,  08:56:23,   0.028
   29,  06 Aug,  08:57:23,   0.032
   30,  06 Aug,  08:58:23,   0.024
   31,  06 Aug,  08:59:23,   0.023
   32,  06 Aug,  09:00:23,   0.021
   33,  06 Aug,  09:01:23,   0.031
   34,  06 Aug,  09:02:23,   0.028
   35,  06 Aug,  09:03:23,   0.025
   36,  06 Aug,  09:04:23,   0.021
   37,  06 Aug,  09:05:23,   0.021
   38,  06 Aug,  09:06:23,   0.020
   39,  06 Aug,  09:07:23,   0.021
   40,  06 Aug,  09:08:23,   0.022
   41,  06 Aug,  09:09:23,   0.022
   42,  06 Aug,  09:10:23,   0.018
   43,  06 Aug,  09:11:23,   0.018
   44,  06 Aug,  09:12:23,   0.022
   45,  06 Aug,  09:13:23,   0.024
   46,  06 Aug,  09:14:23,   0.026
   47,  06 Aug,  09:15:23,   0.026
   48,  06 Aug,  09:16:23,   0.023
   49,  06 Aug,  09:17:23,   0.025
   50,  06 Aug,  09:18:23,   0.023
   51,  06 Aug,  09:19:23,   0.026
   52,  06 Aug,  09:20:23,   0.023
   53,  06 Aug,  09:21:23,   0.026
   54,  06 Aug,  09:22:23,   0.027
   55,  06 Aug,  09:23:23,   0.027
   56,  06 Aug,  09:24:23,   0.027
   57,  06 Aug,  09:25:23,   0.029
```

Unit 1 - Upwind

```
 58,  06 Aug,  09:26:23,    0.029
 59,  06 Aug,  09:27:23,    0.030
 60,  06 Aug,  09:28:23,    0.030
 61,  06 Aug,  09:29:23,    0.035
 62,  06 Aug,  09:30:23,    0.033
 63,  06 Aug,  09:31:23,    0.033
 64,  06 Aug,  09:32:23,    0.034
 65,  06 Aug,  09:33:23,    0.031
 66,  06 Aug,  09:34:23,    0.034
 67,  06 Aug,  09:35:23,    0.057
 68,  06 Aug,  09:36:23,    0.047
 69,  06 Aug,  09:37:23,    0.044
 70,  06 Aug,  09:38:23,    0.049
 71,  06 Aug,  09:39:23,    0.040
 72,  06 Aug,  09:40:23,    0.041
 73,  06 Aug,  09:41:23,    0.046
 74,  06 Aug,  09:42:23,    0.038
 75,  06 Aug,  09:43:23,    0.042
 76,  06 Aug,  09:44:23,    0.044
 77,  06 Aug,  09:45:23,    0.041
 78,  06 Aug,  09:46:23,    0.040
 79,  06 Aug,  09:47:23,    0.042
 80,  06 Aug,  09:48:23,    0.045
 81,  06 Aug,  09:49:23,    0.044
 82,  06 Aug,  09:50:23,    0.046
 83,  06 Aug,  09:51:23,    0.048
 84,  06 Aug,  09:52:23,    0.047
 85,  06 Aug,  09:53:23,    0.047
 86,  06 Aug,  09:54:23,    0.051
 87,  06 Aug,  09:55:23,    0.055
 88,  06 Aug,  09:56:23,    0.050
 89,  06 Aug,  09:57:23,    0.047
 90,  06 Aug,  09:58:23,    0.048
 91,  06 Aug,  09:59:23,    0.051
 92,  06 Aug,  10:00:23,    0.056
 93,  06 Aug,  10:01:23,    0.050
 94,  06 Aug,  10:02:23,    0.050
 95,  06 Aug,  10:03:23,    0.049
 96,  06 Aug,  10:04:23,    0.047
 97,  06 Aug,  10:05:23,    0.049
 98,  06 Aug,  10:06:23,    0.055
 99,  06 Aug,  10:07:23,    0.053
100,  06 Aug,  10:08:23,    0.054
101,  06 Aug,  10:09:23,    0.056
102,  06 Aug,  10:10:23,    0.054
103,  06 Aug,  10:11:23,    0.056
104,  06 Aug,  10:12:23,    0.056
105,  06 Aug,  10:13:23,    0.053
106,  06 Aug,  10:14:23,    0.056
107,  06 Aug,  10:15:23,    0.055
108,  06 Aug,  10:16:23,    0.053
109,  06 Aug,  10:17:23,    0.055
110,  06 Aug,  10:18:23,    0.052
111,  06 Aug,  10:19:23,    0.051
112,  06 Aug,  10:20:23,    0.052
113,  06 Aug,  10:21:23,    0.053
114,  06 Aug,  10:22:23,    0.050
115,  06 Aug,  10:23:23,    0.050
116,  06 Aug,  10:24:23,    0.050
117,  06 Aug,  10:25:23,    0.042
118,  06 Aug,  10:26:23,    0.044
119,  06 Aug,  10:27:23,    0.035
120,  06 Aug,  10:28:23,    0.032
121,  06 Aug,  10:29:23,    0.033
122,  06 Aug,  10:30:23,    0.030
123,  06 Aug,  10:31:23,    0.031
124,  06 Aug,  10:32:23,    0.032
125,  06 Aug,  10:33:23,    0.033
126,  06 Aug,  10:34:23,    0.031
127,  06 Aug,  10:35:23,    0.035
128,  06 Aug,  10:36:23,    0.029
```

```
129, 06 Aug, 10:37:23,  0.033
130, 06 Aug, 10:38:23,  0.034
131, 06 Aug, 10:39:23,  0.033
132, 06 Aug, 10:40:23,  0.034
133, 06 Aug, 10:41:23,  0.034
134, 06 Aug, 10:42:23,  0.036
135, 06 Aug, 10:43:23,  0.036
136, 06 Aug, 10:44:23,  0.036
137, 06 Aug, 10:45:23,  0.035
138, 06 Aug, 10:46:23,  0.040
139, 06 Aug, 10:47:23,  0.039
140, 06 Aug, 10:48:23,  0.038
141, 06 Aug, 10:49:23,  0.043
142, 06 Aug, 10:50:23,  0.044
143, 06 Aug, 10:51:23,  0.038
144, 06 Aug, 10:52:23,  0.043
145, 06 Aug, 10:53:23,  0.040
146, 06 Aug, 10:54:23,  0.042
147, 06 Aug, 10:55:23,  0.043
148, 06 Aug, 10:56:23,  0.045
149, 06 Aug, 10:57:23,  0.040
150, 06 Aug, 10:58:23,  0.041
151, 06 Aug, 10:59:23,  0.044
152, 06 Aug, 11:00:23,  0.044
153, 06 Aug, 11:01:23,  0.043
154, 06 Aug, 11:02:23,  0.041
155, 06 Aug, 11:03:23,  0.043
156, 06 Aug, 11:04:23,  0.044
157, 06 Aug, 11:05:23,  0.038
158, 06 Aug, 11:06:23,  0.039
159, 06 Aug, 11:07:23,  0.042
160, 06 Aug, 11:08:23,  0.040
161, 06 Aug, 11:09:23,  0.045
162, 06 Aug, 11:10:23,  0.051
163, 06 Aug, 11:11:23,  0.046
164, 06 Aug, 11:12:23,  0.044
165, 06 Aug, 11:13:23,  0.046
166, 06 Aug, 11:14:23,  0.050
167, 06 Aug, 11:15:23,  0.059
168, 06 Aug, 11:16:23,  0.058
169, 06 Aug, 11:17:23,  0.059
170, 06 Aug, 11:18:23,  0.056
171, 06 Aug, 11:19:23,  0.057
172, 06 Aug, 11:20:23,  0.092
173, 06 Aug, 11:21:23,  0.147
174, 06 Aug, 11:22:23,  0.064
175, 06 Aug, 11:23:23,  0.055
176, 06 Aug, 11:24:23,  0.051
177, 06 Aug, 11:25:23,  0.051
178, 06 Aug, 11:26:23,  0.051
179, 06 Aug, 11:27:23,  0.053
180, 06 Aug, 11:28:23,  0.055
181, 06 Aug, 11:29:23,  0.053
182, 06 Aug, 11:30:23,  0.057
183, 06 Aug, 11:31:23,  0.058
184, 06 Aug, 11:32:23,  0.058
185, 06 Aug, 11:33:23,  0.061
186, 06 Aug, 11:34:23,  0.061
187, 06 Aug, 11:35:23,  0.056
188, 06 Aug, 11:36:23,  0.055
189, 06 Aug, 11:37:23,  0.064
190, 06 Aug, 11:38:23,  0.061
191, 06 Aug, 11:39:23,  0.058
192, 06 Aug, 11:40:23,  0.065
193, 06 Aug, 11:41:23,  0.066
194, 06 Aug, 11:42:23,  0.060
195, 06 Aug, 11:43:23,  0.067
196, 06 Aug, 11:44:23,  0.066
197, 06 Aug, 11:45:23,  0.067
198, 06 Aug, 11:46:23,  0.067
199, 06 Aug, 11:47:23,  0.067
```

```
200, 06 Aug, 11:48:23,   0.069
201, 06 Aug, 11:49:23,   0.066
202, 06 Aug, 11:50:23,   0.063
203, 06 Aug, 11:51:23,   0.067
204, 06 Aug, 11:52:23,   0.065
205, 06 Aug, 11:53:23,   0.068
206, 06 Aug, 11:54:23,   0.066
207, 06 Aug, 11:55:23,   0.068
208, 06 Aug, 11:56:23,   0.069
209, 06 Aug, 11:57:23,   0.069
210, 06 Aug, 11:58:23,   0.071
211, 06 Aug, 11:59:23,   0.071
212, 06 Aug, 12:00:23,   0.071
213, 06 Aug, 12:01:23,   0.072
214, 06 Aug, 12:02:23,   0.074
215, 06 Aug, 12:03:23,   0.073
216, 06 Aug, 12:04:23,   0.070
217, 06 Aug, 12:05:23,   0.074
218, 06 Aug, 12:06:23,   0.073
219, 06 Aug, 12:07:23,   0.071
220, 06 Aug, 12:08:23,   0.068
221, 06 Aug, 12:09:23,   0.068
222, 06 Aug, 12:10:23,   0.068
223, 06 Aug, 12:11:23,   0.141
224, 06 Aug, 12:12:23,   0.078
225, 06 Aug, 12:13:23,   0.073
226, 06 Aug, 12:14:23,   0.071
227, 06 Aug, 12:15:23,   0.072
228, 06 Aug, 12:16:23,   0.071
229, 06 Aug, 12:17:23,   0.068
230, 06 Aug, 12:18:23,   0.077
231, 06 Aug, 12:19:23,   0.079
232, 06 Aug, 12:20:23,   0.077
233, 06 Aug, 12:21:23,   0.073
234, 06 Aug, 12:22:23,   0.071
235, 06 Aug, 12:23:23,   0.071
236, 06 Aug, 12:24:23,   0.083
237, 06 Aug, 12:25:23,   0.072
238, 06 Aug, 12:26:23,   0.070
239, 06 Aug, 12:27:23,   0.071
240, 06 Aug, 12:28:23,   0.068
241, 06 Aug, 12:29:23,   0.063
242, 06 Aug, 12:30:23,   0.071
243, 06 Aug, 12:31:23,   0.063
244, 06 Aug, 12:32:23,   0.073
245, 06 Aug, 12:33:23,   0.067
246, 06 Aug, 12:34:23,   0.061
247, 06 Aug, 12:35:23,   0.063
248, 06 Aug, 12:36:23,   0.065
249, 06 Aug, 12:37:23,   0.068
250, 06 Aug, 12:38:23,   0.065
251, 06 Aug, 12:39:23,   0.060
252, 06 Aug, 12:40:23,   0.065
253, 06 Aug, 12:41:23,   0.064
254, 06 Aug, 12:42:23,   0.066
255, 06 Aug, 12:43:23,   0.068
256, 06 Aug, 12:44:23,   0.072
257, 06 Aug, 12:45:23,   0.064
258, 06 Aug, 12:46:23,   0.071
259, 06 Aug, 12:47:23,   0.075
260, 06 Aug, 12:48:23,   0.067
261, 06 Aug, 12:49:23,   0.068
262, 06 Aug, 12:50:23,   0.080
263, 06 Aug, 12:51:23,   0.069
264, 06 Aug, 12:52:23,   0.067
265, 06 Aug, 12:53:23,   0.067
266, 06 Aug, 12:54:23,   0.068
267, 06 Aug, 12:55:23,   0.069
268, 06 Aug, 12:56:23,   0.066
269, 06 Aug, 12:57:23,   0.072
270, 06 Aug, 12:58:23,   0.075
```

```
271, 06 Aug, 12:59:23,  0.069
272, 06 Aug, 13:00:23,  0.069
273, 06 Aug, 13:01:23,  0.071
274, 06 Aug, 13:02:23,  0.072
275, 06 Aug, 13:03:23,  0.068
276, 06 Aug, 13:04:23,  0.076
277, 06 Aug, 13:05:23,  0.072
278, 06 Aug, 13:06:23,  0.073
279, 06 Aug, 13:07:23,  0.075
280, 06 Aug, 13:08:23,  0.073
281, 06 Aug, 13:09:23,  0.073
282, 06 Aug, 13:10:23,  0.072
283, 06 Aug, 13:11:23,  0.074
284, 06 Aug, 13:12:23,  0.074
285, 06 Aug, 13:13:23,  0.070
286, 06 Aug, 13:14:23,  0.076
```

Time (pDR)

Time (pDR)
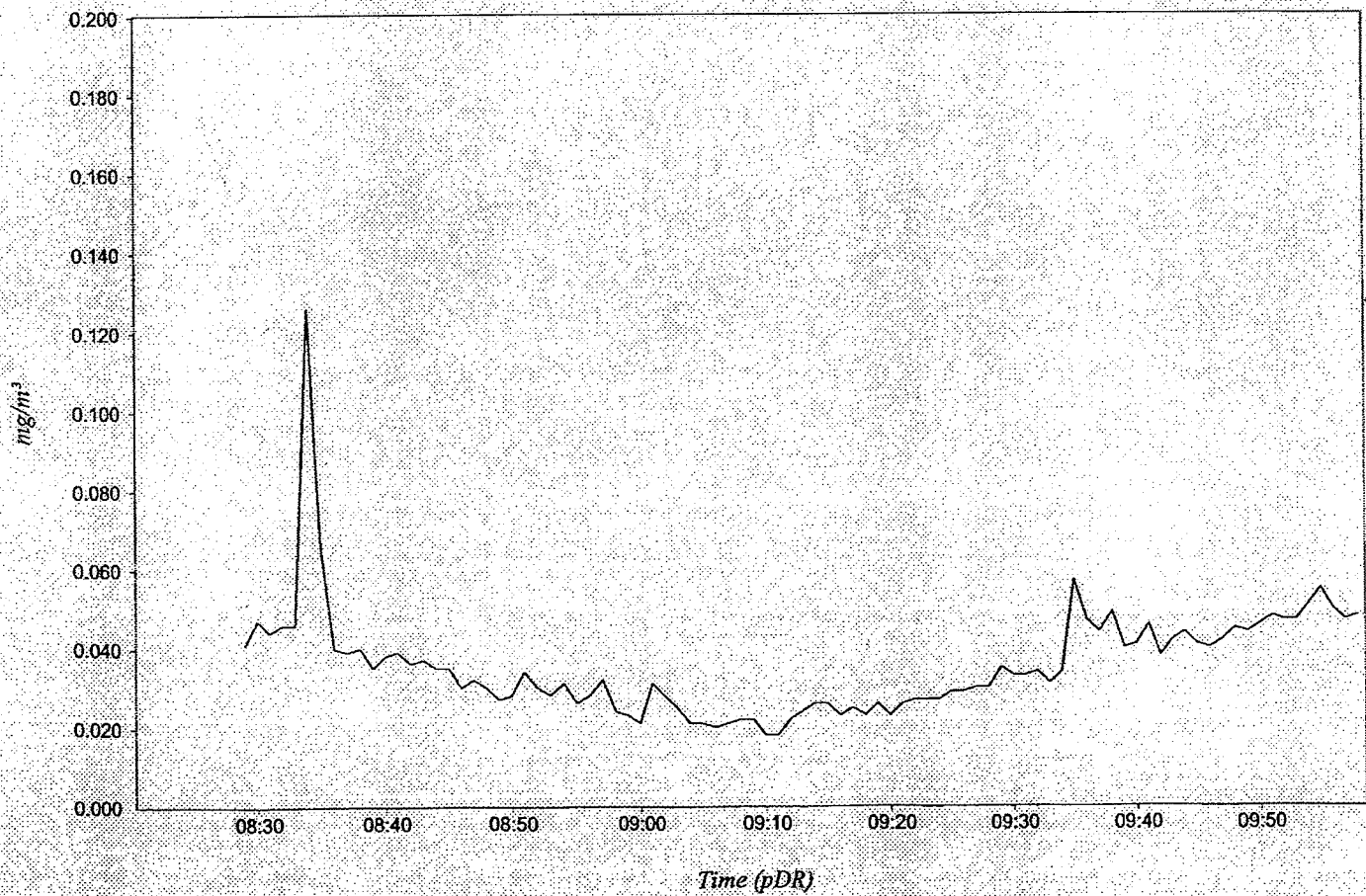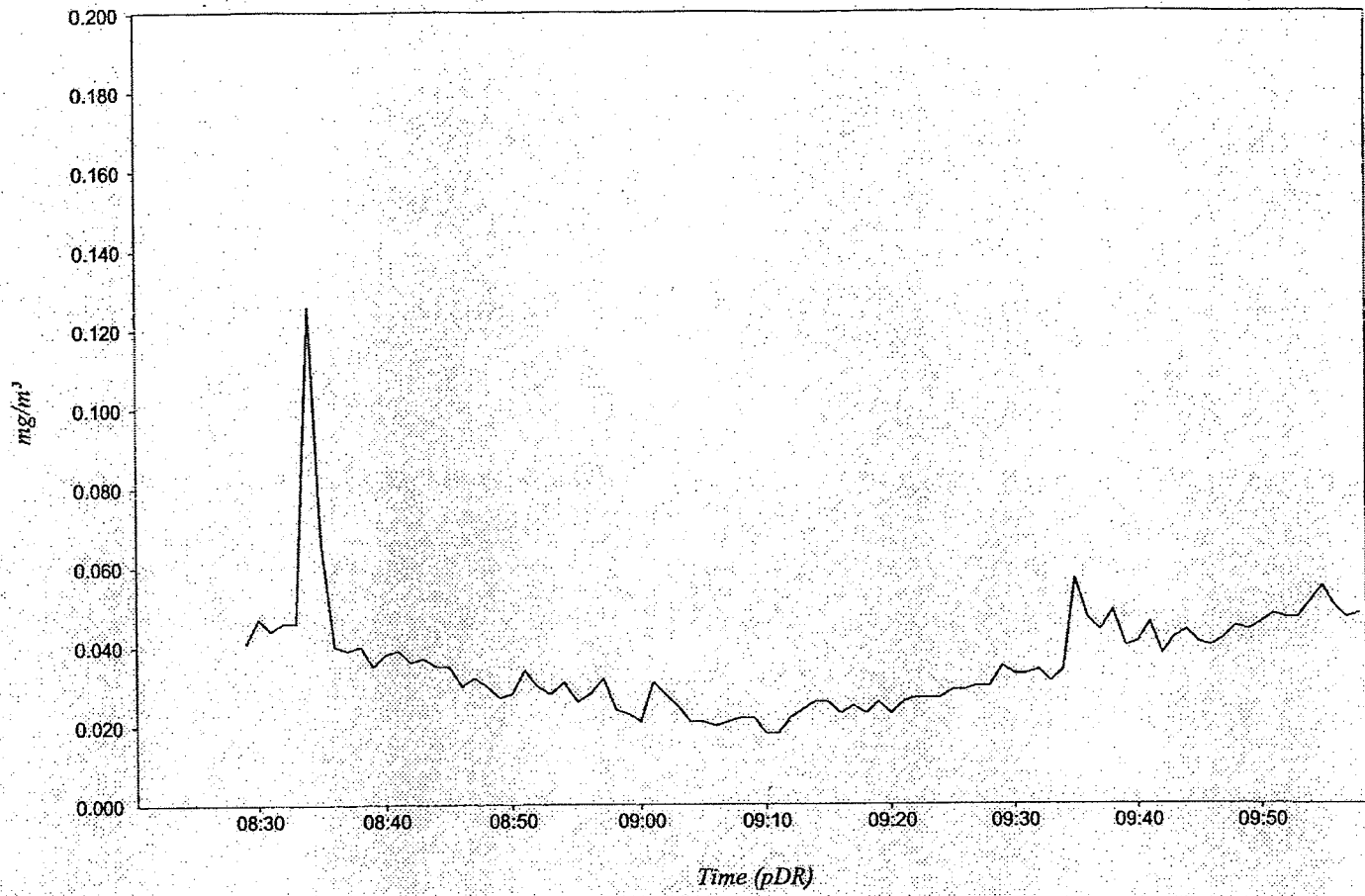
```
pDR-1000 S/N: 08133
Tag Number: 09
Number of logged points: 288
Start time and date:  08:30:18 06-Aug
Elapsed time: 04:48:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.813 mg/m³
Time at maximum: 12:49:40 Aug 06
Max STEL Concentration: 0.099 mg/m³
Time at max STEL:  12:59:49 Aug 06
Overall Avg Conc: 0.066 mg/m³
Logged Data:
Point, Date  , Time    ,  Avg.(mg/m³)
    1, 06 Aug, 08:31:18,  0.045
    2, 06 Aug, 08:32:18,  0.052
    3, 06 Aug, 08:33:18,  0.132
    4, 06 Aug, 08:34:18,  0.064
    5, 06 Aug, 08:35:18,  0.096
    6, 06 Aug, 08:36:18,  0.087
    7, 06 Aug, 08:37:18,  0.068
    8, 06 Aug, 08:38:18,  0.055
    9, 06 Aug, 08:39:18,  0.054
   10, 06 Aug, 08:40:18,  0.055
   11, 06 Aug, 08:41:18,  0.055
   12, 06 Aug, 08:42:18,  0.058
   13, 06 Aug, 08:43:18,  0.055
   14, 06 Aug, 08:44:18,  0.060
   15, 06 Aug, 08:45:18,  0.063
   16, 06 Aug, 08:46:18,  0.055
   17, 06 Aug, 08:47:18,  0.056
   18, 06 Aug, 08:48:18,  0.049
   19, 06 Aug, 08:49:18,  0.055
   20, 06 Aug, 08:50:18,  0.067
   21, 06 Aug, 08:51:18,  0.059
   22, 06 Aug, 08:52:18,  0.053
   23, 06 Aug, 08:53:18,  0.053
   24, 06 Aug, 08:54:18,  0.058
   25, 06 Aug, 08:55:18,  0.072
   26, 06 Aug, 08:56:18,  0.053
   27, 06 Aug, 08:57:18,  0.053
   28, 06 Aug, 08:58:18,  0.056
   29, 06 Aug, 08:59:18,  0.056
   30, 06 Aug, 09:00:18,  0.060
   31, 06 Aug, 09:01:18,  0.055
   32, 06 Aug, 09:02:18,  0.062
   33, 06 Aug, 09:03:18,  0.053
   34, 06 Aug, 09:04:18,  0.053
   35, 06 Aug, 09:05:18,  0.054
   36, 06 Aug, 09:06:18,  0.059
   37, 06 Aug, 09:07:18,  0.098
   38, 06 Aug, 09:08:18,  0.053
   39, 06 Aug, 09:09:18,  0.049
   40, 06 Aug, 09:10:18,  0.058
   41, 06 Aug, 09:11:18,  0.064
   42, 06 Aug, 09:12:18,  0.062
   43, 06 Aug, 09:13:18,  0.058
   44, 06 Aug, 09:14:18,  0.058
   45, 06 Aug, 09:15:18,  0.052
   46, 06 Aug, 09:16:18,  0.054
   47, 06 Aug, 09:17:18,  0.055
   48, 06 Aug, 09:18:18,  0.057
   49, 06 Aug, 09:19:18,  0.063
   50, 06 Aug, 09:20:18,  0.059
   51, 06 Aug, 09:21:18,  0.061
   52, 06 Aug, 09:22:18,  0.062
   53, 06 Aug, 09:23:18,  0.063
   54, 06 Aug, 09:24:18,  0.071
   55, 06 Aug, 09:25:18,  0.082
   56, 06 Aug, 09:26:18,  0.080
   57, 06 Aug, 09:27:18,  0.082
```

Unit 2 - Downwind

```
58,  06 Aug,  09:28:18,    0.069
59,  06 Aug,  09:29:18,    0.063
60,  06 Aug,  09:30:18,    0.065
61,  06 Aug,  09:31:18,    0.068
62,  06 Aug,  09:32:18,    0.066
63,  06 Aug,  09:33:18,    0.067
64,  06 Aug,  09:34:18,    0.070
65,  06 Aug,  09:35:18,    0.070
66,  06 Aug,  09:36:18,    0.071
67,  06 Aug,  09:37:18,    0.072
68,  06 Aug,  09:38:18,    0.069
69,  06 Aug,  09:39:18,    0.075
70,  06 Aug,  09:40:18,    0.069
71,  06 Aug,  09:41:18,    0.134
72,  06 Aug,  09:42:18,    0.136
73,  06 Aug,  09:43:18,    0.104
74,  06 Aug,  09:44:18,    0.075
75,  06 Aug,  09:45:18,    0.062
76,  06 Aug,  09:46:18,    0.067
77,  06 Aug,  09:47:18,    0.082
78,  06 Aug,  09:48:18,    0.082
79,  06 Aug,  09:49:18,    0.063
80,  06 Aug,  09:50:18,    0.065
81,  06 Aug,  09:51:18,    0.066
82,  06 Aug,  09:52:18,    0.064
83,  06 Aug,  09:53:18,    0.059
84,  06 Aug,  09:54:18,    0.114
85,  06 Aug,  09:55:18,    0.062
86,  06 Aug,  09:56:18,    0.061
87,  06 Aug,  09:57:18,    0.062
88,  06 Aug,  09:58:18,    0.060
89,  06 Aug,  09:59:18,    0.057
90,  06 Aug,  10:00:18,    0.058
91,  06 Aug,  10:01:18,    0.059
92,  06 Aug,  10:02:18,    0.062
93,  06 Aug,  10:03:18,    0.059
94,  06 Aug,  10:04:18,    0.076
95,  06 Aug,  10:05:18,    0.076
96,  06 Aug,  10:06:18,    0.062
97,  06 Aug,  10:07:18,    0.061
98,  06 Aug,  10:08:18,    0.064
99,  06 Aug,  10:09:18,    0.079
100,  06 Aug,  10:10:18,    0.060
101,  06 Aug,  10:11:18,    0.073
102,  06 Aug,  10:12:18,    0.136
103,  06 Aug,  10:13:18,    0.072
104,  06 Aug,  10:14:18,    0.061
105,  06 Aug,  10:15:18,    0.059
106,  06 Aug,  10:16:18,    0.061
107,  06 Aug,  10:17:18,    0.062
108,  06 Aug,  10:18:18,    0.054
109,  06 Aug,  10:19:18,    0.052
110,  06 Aug,  10:20:18,    0.058
111,  06 Aug,  10:21:18,    0.063
112,  06 Aug,  10:22:18,    0.057
113,  06 Aug,  10:23:18,    0.054
114,  06 Aug,  10:24:18,    0.057
115,  06 Aug,  10:25:18,    0.064
116,  06 Aug,  10:26:18,    0.052
117,  06 Aug,  10:27:18,    0.114
118,  06 Aug,  10:28:18,    0.078
119,  06 Aug,  10:29:18,    0.043
120,  06 Aug,  10:30:18,    0.046
121,  06 Aug,  10:31:18,    0.161
122,  06 Aug,  10:32:18,    0.044
123,  06 Aug,  10:33:18,    0.036
124,  06 Aug,  10:34:18,    0.028
125,  06 Aug,  10:35:18,    0.029
126,  06 Aug,  10:36:18,    0.038
127,  06 Aug,  10:37:18,    0.042
128,  06 Aug,  10:38:18,    0.036
```

```
129, 06 Aug, 10:39:18,   0.030
130, 06 Aug, 10:40:18,   0.035
131, 06 Aug, 10:41:18,   0.037
132, 06 Aug, 10:42:18,   0.041
133, 06 Aug, 10:43:18,   0.037
134, 06 Aug, 10:44:18,   0.032
135, 06 Aug, 10:45:18,   0.048
136, 06 Aug, 10:46:18,   0.043
137, 06 Aug, 10:47:18,   0.066
138, 06 Aug, 10:48:18,   0.047
139, 06 Aug, 10:49:18,   0.037
140, 06 Aug, 10:50:18,   0.043
141, 06 Aug, 10:51:18,   0.042
142, 06 Aug, 10:52:18,   0.045
143, 06 Aug, 10:53:18,   0.047
144, 06 Aug, 10:54:18,   0.041
145, 06 Aug, 10:55:18,   0.047
146, 06 Aug, 10:56:18,   0.054
147, 06 Aug, 10:57:18,   0.039
148, 06 Aug, 10:58:18,   0.051
149, 06 Aug, 10:59:18,   0.056
150, 06 Aug, 11:00:18,   0.039
151, 06 Aug, 11:01:18,   0.036
152, 06 Aug, 11:02:18,   0.036
153, 06 Aug, 11:03:18,   0.100
154, 06 Aug, 11:04:18,   0.055
155, 06 Aug, 11:05:18,   0.034
156, 06 Aug, 11:06:18,   0.036
157, 06 Aug, 11:07:18,   0.044
158, 06 Aug, 11:08:18,   0.045
159, 06 Aug, 11:09:18,   0.040
160, 06 Aug, 11:10:18,   0.042
161, 06 Aug, 11:11:18,   0.040
162, 06 Aug, 11:12:18,   0.048
163, 06 Aug, 11:13:18,   0.043
164, 06 Aug, 11:14:18,   0.047
165, 06 Aug, 11:15:18,   0.045
166, 06 Aug, 11:16:18,   0.048
167, 06 Aug, 11:17:18,   0.045
168, 06 Aug, 11:18:18,   0.071
169, 06 Aug, 11:19:18,   0.045
170, 06 Aug, 11:20:18,   0.045
171, 06 Aug, 11:21:18,   0.052
172, 06 Aug, 11:22:18,   0.050
173, 06 Aug, 11:23:18,   0.058
174, 06 Aug, 11:24:18,   0.051
175, 06 Aug, 11:25:18,   0.048
176, 06 Aug, 11:26:18,   0.082
177, 06 Aug, 11:27:18,   0.121
178, 06 Aug, 11:28:18,   0.146
179, 06 Aug, 11:29:18,   0.047
180, 06 Aug, 11:30:18,   0.053
181, 06 Aug, 11:31:18,   0.053
182, 06 Aug, 11:32:18,   0.046
183, 06 Aug, 11:33:18,   0.052
184, 06 Aug, 11:34:18,   0.049
185, 06 Aug, 11:35:18,   0.047
186, 06 Aug, 11:36:18,   0.082
187, 06 Aug, 11:37:18,   0.049
188, 06 Aug, 11:38:18,   0.046
189, 06 Aug, 11:39:18,   0.059
190, 06 Aug, 11:40:18,   0.051
191, 06 Aug, 11:41:18,   0.049
192, 06 Aug, 11:42:18,   0.061
193, 06 Aug, 11:43:18,   0.068
194, 06 Aug, 11:44:18,   0.071
195, 06 Aug, 11:45:18,   0.060
196, 06 Aug, 11:46:18,   0.143
197, 06 Aug, 11:47:18,   0.077
198, 06 Aug, 11:48:18,   0.059
199, 06 Aug, 11:49:18,   0.073
```

```
200, 06 Aug, 11:50:18,  0.059
201, 06 Aug, 11:51:18,  0.062
202, 06 Aug, 11:52:18,  0.056
203, 06 Aug, 11:53:18,  0.058
204, 06 Aug, 11:54:18,  0.061
205, 06 Aug, 11:55:18,  0.062
206, 06 Aug, 11:56:18,  0.062
207, 06 Aug, 11:57:18,  0.065
208, 06 Aug, 11:58:18,  0.063
209, 06 Aug, 11:59:18,  0.070
210, 06 Aug, 12:00:18,  0.100
211, 06 Aug, 12:01:18,  0.068
212, 06 Aug, 12:02:18,  0.064
213, 06 Aug, 12:03:18,  0.074
214, 06 Aug, 12:04:18,  0.076
215, 06 Aug, 12:05:18,  0.065
216, 06 Aug, 12:06:18,  0.063
217, 06 Aug, 12:07:18,  0.065
218, 06 Aug, 12:08:18,  0.067
219, 06 Aug, 12:09:18,  0.068
220, 06 Aug, 12:10:18,  0.062
221, 06 Aug, 12:11:18,  0.070
222, 06 Aug, 12:12:18,  0.073
223, 06 Aug, 12:13:18,  0.067
224, 06 Aug, 12:14:18,  0.069
225, 06 Aug, 12:15:18,  0.074
226, 06 Aug, 12:16:18,  0.068
227, 06 Aug, 12:17:18,  0.067
228, 06 Aug, 12:18:18,  0.068
229, 06 Aug, 12:19:18,  0.079
230, 06 Aug, 12:20:18,  0.074
231, 06 Aug, 12:21:18,  0.066
232, 06 Aug, 12:22:18,  0.064
233, 06 Aug, 12:23:18,  0.069
234, 06 Aug, 12:24:18,  0.066
235, 06 Aug, 12:25:18,  0.065
236, 06 Aug, 12:26:18,  0.071
237, 06 Aug, 12:27:18,  0.067
238, 06 Aug, 12:28:18,  0.068
239, 06 Aug, 12:29:18,  0.077
240, 06 Aug, 12:30:18,  0.065
241, 06 Aug, 12:31:18,  0.062
242, 06 Aug, 12:32:18,  0.080
243, 06 Aug, 12:33:18,  0.073
244, 06 Aug, 12:34:18,  0.082
245, 06 Aug, 12:35:18,  0.073
246, 06 Aug, 12:36:18,  0.064
247, 06 Aug, 12:37:18,  0.068
248, 06 Aug, 12:38:18,  0.065
249, 06 Aug, 12:39:18,  0.069
250, 06 Aug, 12:40:18,  0.066
251, 06 Aug, 12:41:18,  0.065
252, 06 Aug, 12:42:18,  0.079
253, 06 Aug, 12:43:18,  0.083
254, 06 Aug, 12:44:18,  0.089
255, 06 Aug, 12:45:18,  0.074
256, 06 Aug, 12:46:18,  0.076
257, 06 Aug, 12:47:18,  0.075
258, 06 Aug, 12:48:18,  0.114
259, 06 Aug, 12:49:18,  0.084
260, 06 Aug, 12:50:18,  0.312
261, 06 Aug, 12:51:18,  0.078
262, 06 Aug, 12:52:18,  0.075
263, 06 Aug, 12:53:18,  0.077
264, 06 Aug, 12:54:18,  0.071
265, 06 Aug, 12:55:18,  0.080
266, 06 Aug, 12:56:18,  0.085
267, 06 Aug, 12:57:18,  0.085
268, 06 Aug, 12:58:18,  0.094
269, 06 Aug, 12:59:18,  0.091
270, 06 Aug, 13:00:18,  0.084
```

```
271, 06 Aug, 13:01:18,   0.076
272, 06 Aug, 13:02:18,   0.075
273, 06 Aug, 13:03:18,   0.074
274, 06 Aug, 13:04:18,   0.075
275, 06 Aug, 13:05:18,   0.082
276, 06 Aug, 13:06:18,   0.087
277, 06 Aug, 13:07:18,   0.080
278, 06 Aug, 13:08:18,   0.095
279, 06 Aug, 13:09:18,   0.078
280, 06 Aug, 13:10:18,   0.080
281, 06 Aug, 13:11:18,   0.081
282, 06 Aug, 13:12:18,   0.080
283, 06 Aug, 13:13:18,   0.080
284, 06 Aug, 13:14:18,   0.078
285, 06 Aug, 13:15:18,   0.084
286, 06 Aug, 13:16:18,   0.093
287, 06 Aug, 13:17:18,   0.090
288, 06 Aug, 13:18:18,   0.084
```

pDR-1000 S/N: 08133 / Tag # 09 / Start time: Aug 06, 08:30:18
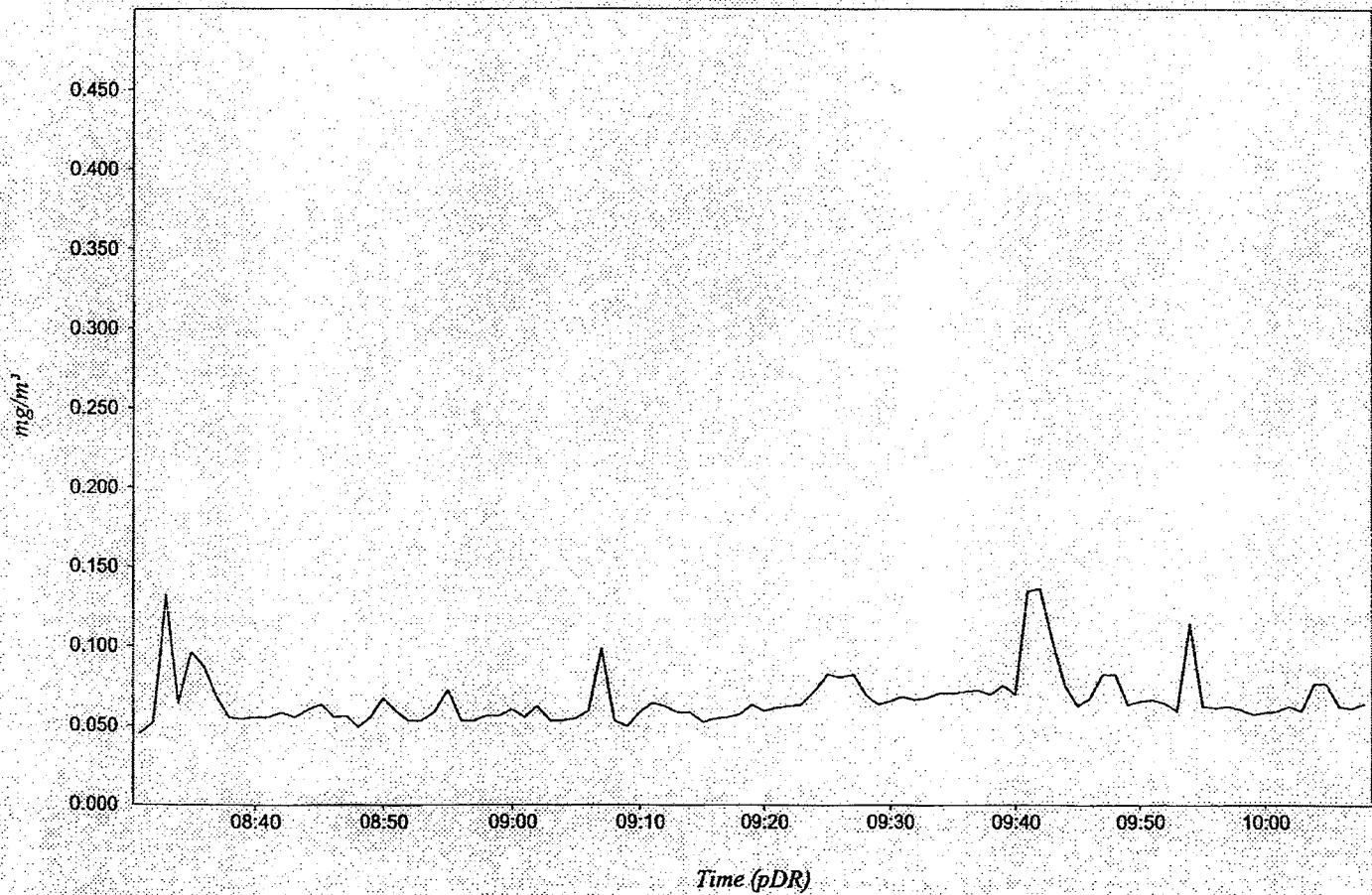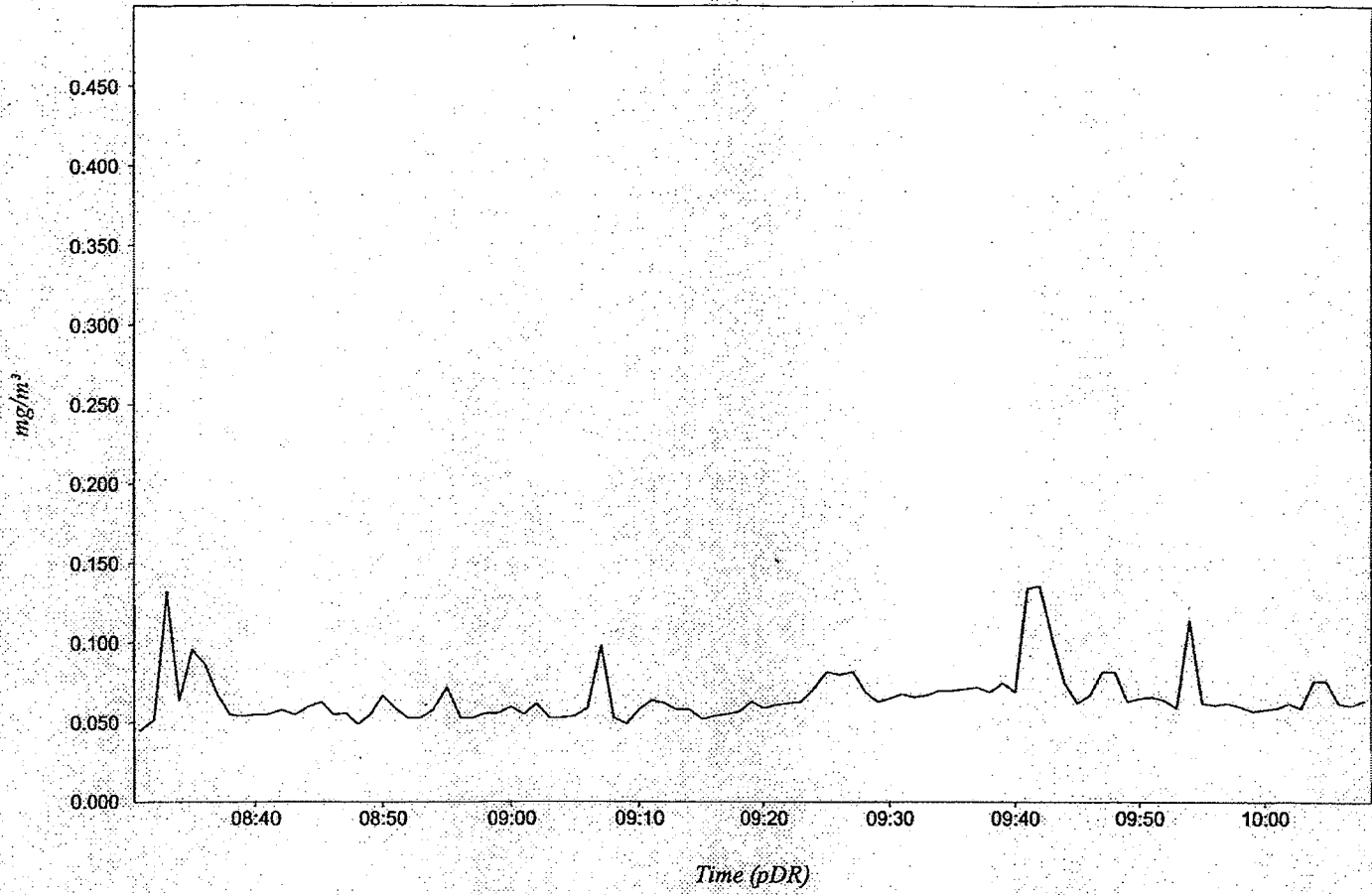
pDR-1000 S/N: 08133
Tag Number: 11
Number of logged points: 322
Start time and date: 07:48:10 09-Aug
Elapsed time: 05:22:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.209 mg/m³
Time at maximum: 13:04:37 Aug 09
Max STEL Concentration: 0.022 mg/m³
Time at max STEL: 12:30:41 Aug 09
Overall Avg Conc: 0.010 mg/m³
Logged Data:
Point, Date , Time   , Avg.(mg/m³)

```
 1,  09 Aug,  07:49:10,   0.024
 2,  09 Aug,  07:50:10,   0.023
 3,  09 Aug,  07:51:10,   0.018
 4,  09 Aug,  07:52:10,   0.031
 5,  09 Aug,  07:53:10,   0.038
 6,  09 Aug,  07:54:10,   0.014
 7,  09 Aug,  07:55:10,   0.008
 8,  09 Aug,  07:56:10,   0.011
 9,  09 Aug,  07:57:10,   0.017
10,  09 Aug,  07:58:10,   0.011
11,  09 Aug,  07:59:10,   0.008
12,  09 Aug,  08:00:10,   0.006
13,  09 Aug,  08:01:10,   0.008
14,  09 Aug,  08:02:10,   0.008
15,  09 Aug,  08:03:10,   0.010
16,  09 Aug,  08:04:10,   0.019
17,  09 Aug,  08:05:10,   0.009
18,  09 Aug,  08:06:10,   0.008
19,  09 Aug,  08:07:10,   0.007
20,  09 Aug,  08:08:10,   0.011
21,  09 Aug,  08:09:10,   0.006
22,  09 Aug,  08:10:10,   0.007
23,  09 Aug,  08:11:10,   0.007
24,  09 Aug,  08:12:10,   0.010
25,  09 Aug,  08:13:10,   0.007
26,  09 Aug,  08:14:10,   0.009
27,  09 Aug,  08:15:10,   0.008
28,  09 Aug,  08:16:10,   0.009
29,  09 Aug,  08:17:10,   0.007
30,  09 Aug,  08:18:10,   0.008
31,  09 Aug,  08:19:10,   0.011
32,  09 Aug,  08:20:10,   0.007
33,  09 Aug,  08:21:10,   0.008
34,  09 Aug,  08:22:10,   0.010
35,  09 Aug,  08:23:10,   0.009
36,  09 Aug,  08:24:10,   0.009
37,  09 Aug,  08:25:10,   0.007
38,  09 Aug,  08:26:10,   0.008
39,  09 Aug,  08:27:10,   0.008
40,  09 Aug,  08:28:10,   0.012
41,  09 Aug,  08:29:10,   0.007
42,  09 Aug,  08:30:10,   0.005
43,  09 Aug,  08:31:10,   0.009
44,  09 Aug,  08:32:10,   0.007
45,  09 Aug,  08:33:10,   0.006
46,  09 Aug,  08:34:10,   0.009
47,  09 Aug,  08:35:10,   0.007
48,  09 Aug,  08:36:10,   0.009
49,  09 Aug,  08:37:10,   0.012
50,  09 Aug,  08:38:10,   0.005
51,  09 Aug,  08:39:10,   0.009
52,  09 Aug,  08:40:10,   0.008
53,  09 Aug,  08:41:10,   0.013
54,  09 Aug,  08:42:10,   0.006
55,  09 Aug,  08:43:10,   0.004
56,  09 Aug,  08:44:10,   0.007
57,  09 Aug,  08:45:10,   0.006
```

Unit 2 - Downwind

Note: Unit 1 NOT working
No data collected

```
 58,  09  Aug,  08:46:10,    0.003
 59,  09  Aug,  08:47:10,    0.003
 60,  09  Aug,  08:48:10,    0.005
 61,  09  Aug,  08:49:10,    0.007
 62,  09  Aug,  08:50:10,    0.005
 63,  09  Aug,  08:51:10,    0.003
 64,  09  Aug,  08:52:10,    0.005
 65,  09  Aug,  08:53:10,    0.003
 66,  09  Aug,  08:54:10,    0.003
 67,  09  Aug,  08:55:10,    0.004
 68,  09  Aug,  08:56:10,    0.004
 69,  09  Aug,  08:57:10,    0.002
 70,  09  Aug,  08:58:10,    0.023
 71,  09  Aug,  08:59:10,    0.009
 72,  09  Aug,  09:00:10,    0.006
 73,  09  Aug,  09:01:10,    0.003
 74,  09  Aug,  09:02:10,    0.004
 75,  09  Aug,  09:03:10,    0.003
 76,  09  Aug,  09:04:10,    0.005
 77,  09  Aug,  09:05:10,    0.002
 78,  09  Aug,  09:06:10,    0.003
 79,  09  Aug,  09:07:10,    0.003
 80,  09  Aug,  09:08:10,    0.004
 81,  09  Aug,  09:09:10,    0.009
 82,  09  Aug,  09:10:10,    0.003
 83,  09  Aug,  09:11:10,    0.004
 84,  09  Aug,  09:12:10,    0.004
 85,  09  Aug,  09:13:10,    0.002
 86,  09  Aug,  09:14:10,    0.006
 87,  09  Aug,  09:15:10,    0.003
 88,  09  Aug,  09:16:10,    0.004
 89,  09  Aug,  09:17:10,    0.006
 90,  09  Aug,  09:18:10,    0.003
 91,  09  Aug,  09:19:10,    0.004
 92,  09  Aug,  09:20:10,    0.004
 93,  09  Aug,  09:21:10,    0.004
 94,  09  Aug,  09:22:10,    0.005
 95,  09  Aug,  09:23:10,    0.004
 96,  09  Aug,  09:24:10,    0.010
 97,  09  Aug,  09:25:10,    0.004
 98,  09  Aug,  09:26:10,    0.013
 99,  09  Aug,  09:27:10,    0.008
100,  09  Aug,  09:28:10,    0.005
101,  09  Aug,  09:29:10,    0.005
102,  09  Aug,  09:30:10,    0.006
103,  09  Aug,  09:31:10,    0.004
104,  09  Aug,  09:32:10,    0.006
105,  09  Aug,  09:33:10,    0.005
106,  09  Aug,  09:34:10,    0.008
107,  09  Aug,  09:35:10,    0.006
108,  09  Aug,  09:36:10,    0.005
109,  09  Aug,  09:37:10,    0.005
110,  09  Aug,  09:38:10,    0.004
111,  09  Aug,  09:39:10,    0.006
112,  09  Aug,  09:40:10,    0.006
113,  09  Aug,  09:41:10,    0.006
114,  09  Aug,  09:42:10,    0.003
115,  09  Aug,  09:43:10,    0.005
116,  09  Aug,  09:44:10,    0.004
117,  09  Aug,  09:45:10,    0.003
118,  09  Aug,  09:46:10,    0.004
119,  09  Aug,  09:47:10,    0.005
120,  09  Aug,  09:48:10,    0.004
121,  09  Aug,  09:49:10,    0.004
122,  09  Aug,  09:50:10,    0.005
123,  09  Aug,  09:51:10,    0.003
124,  09  Aug,  09:52:10,    0.003
125,  09  Aug,  09:53:10,    0.009
126,  09  Aug,  09:54:10,    0.007
127,  09  Aug,  09:55:10,    0.004
128,  09  Aug,  09:56:10,    0.003
```

```
129, 09 Aug, 09:57:10,   0.007
130, 09 Aug, 09:58:10,   0.005
131, 09 Aug, 09:59:10,   0.004
132, 09 Aug, 10:00:10,   0.006
133, 09 Aug, 10:01:10,   0.006
134, 09 Aug, 10:02:10,   0.006
135, 09 Aug, 10:03:10,   0.005
136, 09 Aug, 10:04:10,   0.006
137, 09 Aug, 10:05:10,   0.004
138, 09 Aug, 10:06:10,   0.007
139, 09 Aug, 10:07:10,   0.003
140, 09 Aug, 10:08:10,   0.005
141, 09 Aug, 10:09:10,   0.005
142, 09 Aug, 10:10:10,   0.004
143, 09 Aug, 10:11:10,   0.005
144, 09 Aug, 10:12:10,   0.005
145, 09 Aug, 10:13:10,   0.009
146, 09 Aug, 10:14:10,   0.006
147, 09 Aug, 10:15:10,   0.005
148, 09 Aug, 10:16:10,   0.005
149, 09 Aug, 10:17:10,   0.006
150, 09 Aug, 10:18:10,   0.005
151, 09 Aug, 10:19:10,   0.003
152, 09 Aug, 10:20:10,   0.006
153, 09 Aug, 10:21:10,   0.011
154, 09 Aug, 10:22:10,   0.005
155, 09 Aug, 10:23:10,   0.008
156, 09 Aug, 10:24:10,   0.007
157, 09 Aug, 10:25:10,   0.006
158, 09 Aug, 10:26:10,   0.005
159, 09 Aug, 10:27:10,   0.007
160, 09 Aug, 10:28:10,   0.006
161, 09 Aug, 10:29:10,   0.010
162, 09 Aug, 10:30:10,   0.008
163, 09 Aug, 10:31:10,   0.005
164, 09 Aug, 10:32:10,   0.006
165, 09 Aug, 10:33:10,   0.010
166, 09 Aug, 10:34:10,   0.007
167, 09 Aug, 10:35:10,   0.005
168, 09 Aug, 10:36:10,   0.005
169, 09 Aug, 10:37:10,   0.005
170, 09 Aug, 10:38:10,   0.048
171, 09 Aug, 10:39:10,   0.034
172, 09 Aug, 10:40:10,   0.012
173, 09 Aug, 10:41:10,   0.012
174, 09 Aug, 10:42:10,   0.007
175, 09 Aug, 10:43:10,   0.006
176, 09 Aug, 10:44:10,   0.006
177, 09 Aug, 10:45:10,   0.007
178, 09 Aug, 10:46:10,   0.006
179, 09 Aug, 10:47:10,   0.008
180, 09 Aug, 10:48:10,   0.006
181, 09 Aug, 10:49:10,   0.006
182, 09 Aug, 10:50:10,   0.006
183, 09 Aug, 10:51:10,   0.009
184, 09 Aug, 10:52:10,   0.008
185, 09 Aug, 10:53:10,   0.009
186, 09 Aug, 10:54:10,   0.006
187, 09 Aug, 10:55:10,   0.009
188, 09 Aug, 10:56:10,   0.005
189, 09 Aug, 10:57:10,   0.007
190, 09 Aug, 10:58:10,   0.007
191, 09 Aug, 10:59:10,   0.007
192, 09 Aug, 11:00:10,   0.007
193, 09 Aug, 11:01:10,   0.012
194, 09 Aug, 11:02:10,   0.008
195, 09 Aug, 11:03:10,   0.006
196, 09 Aug, 11:04:10,   0.007
197, 09 Aug, 11:05:10,   0.008
198, 09 Aug, 11:06:10,   0.008
199, 09 Aug, 11:07:10,   0.007
```

```
200, 09 Aug, 11:08:10,    0.006
201, 09 Aug, 11:09:10,    0.009
202, 09 Aug, 11:10:10,    0.011
203, 09 Aug, 11:11:10,    0.009
204, 09 Aug, 11:12:10,    0.007
205, 09 Aug, 11:13:10,    0.007
206, 09 Aug, 11:14:10,    0.009
207, 09 Aug, 11:15:10,    0.011
208, 09 Aug, 11:16:10,    0.016
209, 09 Aug, 11:17:10,    0.014
210, 09 Aug, 11:18:10,    0.012
211, 09 Aug, 11:19:10,    0.008
212, 09 Aug, 11:20:10,    0.015
213, 09 Aug, 11:21:10,    0.007
214, 09 Aug, 11:22:10,    0.009
215, 09 Aug, 11:23:10,    0.009
216, 09 Aug, 11:24:10,    0.008
217, 09 Aug, 11:25:10,    0.007
218, 09 Aug, 11:26:10,    0.009
219, 09 Aug, 11:27:10,    0.010
220, 09 Aug, 11:28:10,    0.009
221, 09 Aug, 11:29:10,    0.010
222, 09 Aug, 11:30:10,    0.010
223, 09 Aug, 11:31:10,    0.010
224, 09 Aug, 11:32:10,    0.009
225, 09 Aug, 11:33:10,    0.009
226, 09 Aug, 11:34:10,    0.008
227, 09 Aug, 11:35:10,    0.008
228, 09 Aug, 11:36:10,    0.008
229, 09 Aug, 11:37:10,    0.011
230, 09 Aug, 11:38:10,    0.008
231, 09 Aug, 11:39:10,    0.008
232, 09 Aug, 11:40:10,    0.012
233, 09 Aug, 11:41:10,    0.009
234, 09 Aug, 11:42:10,    0.010
235, 09 Aug, 11:43:10,    0.008
236, 09 Aug, 11:44:10,    0.010
237, 09 Aug, 11:45:10,    0.009
238, 09 Aug, 11:46:10,    0.009
239, 09 Aug, 11:47:10,    0.010
240, 09 Aug, 11:48:10,    0.009
241, 09 Aug, 11:49:10,    0.010
242, 09 Aug, 11:50:10,    0.015
243, 09 Aug, 11:51:10,    0.012
244, 09 Aug, 11:52:10,    0.010
245, 09 Aug, 11:53:10,    0.009
246, 09 Aug, 11:54:10,    0.010
247, 09 Aug, 11:55:10,    0.013
248, 09 Aug, 11:56:10,    0.010
249, 09 Aug, 11:57:10,    0.010
250, 09 Aug, 11:58:10,    0.010
251, 09 Aug, 11:59:10,    0.010
252, 09 Aug, 12:00:10,    0.011
253, 09 Aug, 12:01:10,    0.013
254, 09 Aug, 12:02:10,    0.012
255, 09 Aug, 12:03:10,    0.013
256, 09 Aug, 12:04:10,    0.013
257, 09 Aug, 12:05:10,    0.010
258, 09 Aug, 12:06:10,    0.011
259, 09 Aug, 12:07:10,    0.012
260, 09 Aug, 12:08:10,    0.013
261, 09 Aug, 12:09:10,    0.019
262, 09 Aug, 12:10:10,    0.014
263, 09 Aug, 12:11:10,    0.016
264, 09 Aug, 12:12:10,    0.011
265, 09 Aug, 12:13:10,    0.014
266, 09 Aug, 12:14:10,    0.014
267, 09 Aug, 12:15:10,    0.013
268, 09 Aug, 12:16:10,    0.013
269, 09 Aug, 12:17:10,    0.040
270, 09 Aug, 12:18:10,    0.016
```

```
271, 09 Aug, 12:19:10,  0.043
272, 09 Aug, 12:20:10,  0.012
273, 09 Aug, 12:21:10,  0.021
274, 09 Aug, 12:22:10,  0.011
275, 09 Aug, 12:23:10,  0.011
276, 09 Aug, 12:24:10,  0.040
277, 09 Aug, 12:25:10,  0.012
278, 09 Aug, 12:26:10,  0.023
279, 09 Aug, 12:27:10,  0.015
280, 09 Aug, 12:28:10,  0.018
281, 09 Aug, 12:29:10,  0.014
282, 09 Aug, 12:30:10,  0.029
283, 09 Aug, 12:31:10,  0.026
284, 09 Aug, 12:32:10,  0.011
285, 09 Aug, 12:33:10,  0.016
286, 09 Aug, 12:34:10,  0.010
287, 09 Aug, 12:35:10,  0.014
288, 09 Aug, 12:36:10,  0.013
289, 09 Aug, 12:37:10,  0.012
290, 09 Aug, 12:38:10,  0.011
291, 09 Aug, 12:39:10,  0.013
292, 09 Aug, 12:40:10,  0.010
293, 09 Aug, 12:41:10,  0.013
294, 09 Aug, 12:42:10,  0.013
295, 09 Aug, 12:43:10,  0.013
296, 09 Aug, 12:44:10,  0.012
297, 09 Aug, 12:45:10,  0.013
298, 09 Aug, 12:46:10,  0.012
299, 09 Aug, 12:47:10,  0.013
300, 09 Aug, 12:48:10,  0.013
301, 09 Aug, 12:49:10,  0.018
302, 09 Aug, 12:50:10,  0.012
303, 09 Aug, 12:51:10,  0.014
304, 09 Aug, 12:52:10,  0.021
305, 09 Aug, 12:53:10,  0.012
306, 09 Aug, 12:54:10,  0.011
307, 09 Aug, 12:55:10,  0.011
308, 09 Aug, 12:56:10,  0.011
309, 09 Aug, 12:57:10,  0.011
310, 09 Aug, 12:58:10,  0.012
311, 09 Aug, 12:59:10,  0.011
312, 09 Aug, 13:00:10,  0.014
313, 09 Aug, 13:01:10,  0.010
314, 09 Aug, 13:02:10,  0.022
315, 09 Aug, 13:03:10,  0.010
316, 09 Aug, 13:04:10,  0.011
317, 09 Aug, 13:05:10,  0.072
318, 09 Aug, 13:06:10,  0.014
319, 09 Aug, 13:07:10,  0.015
320, 09 Aug, 13:08:10,  0.013
321, 09 Aug, 13:09:10,  0.013
322, 09 Aug, 13:10:10,  0.014
```

Time (pDR)

Time (pDR)
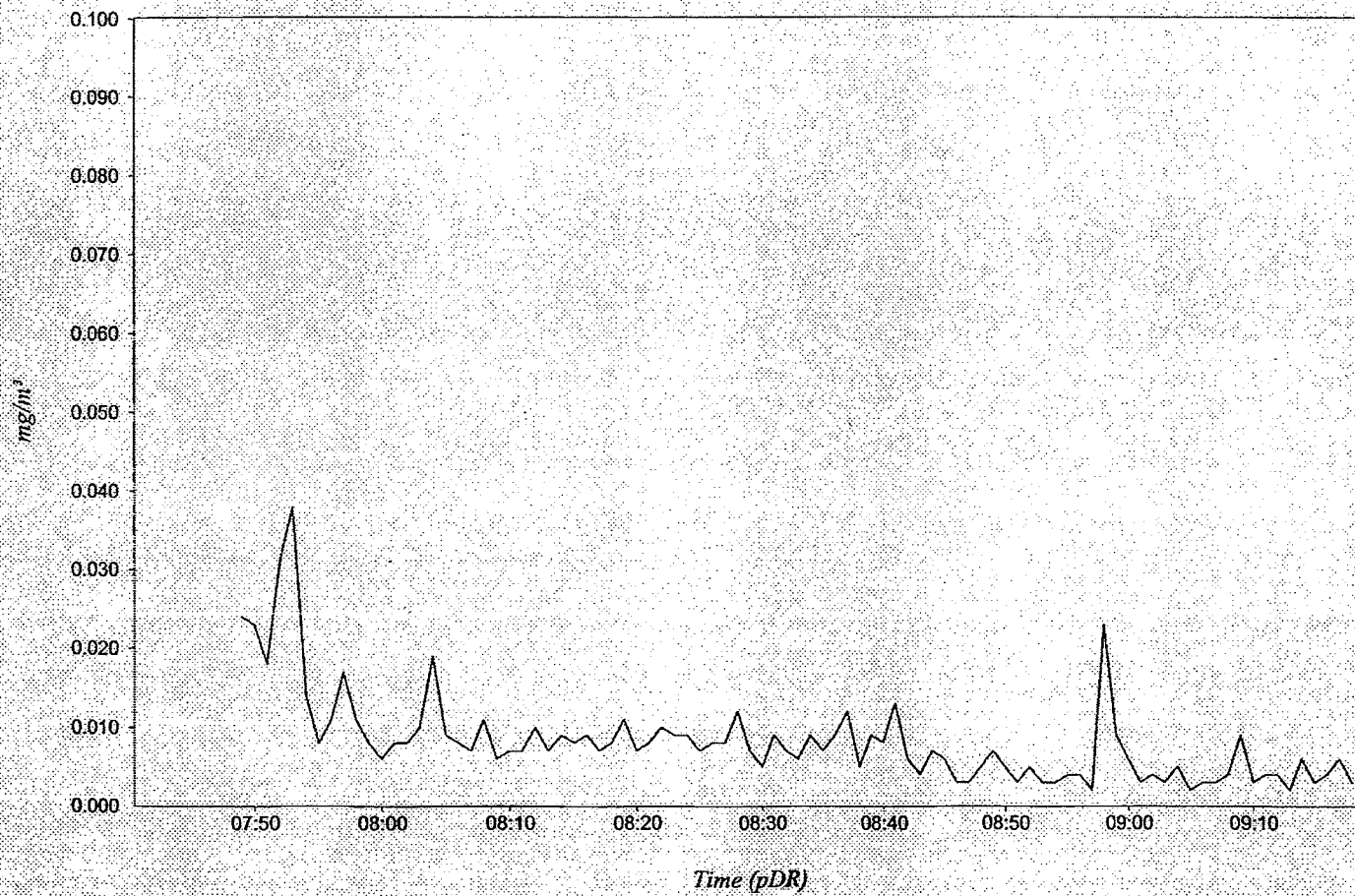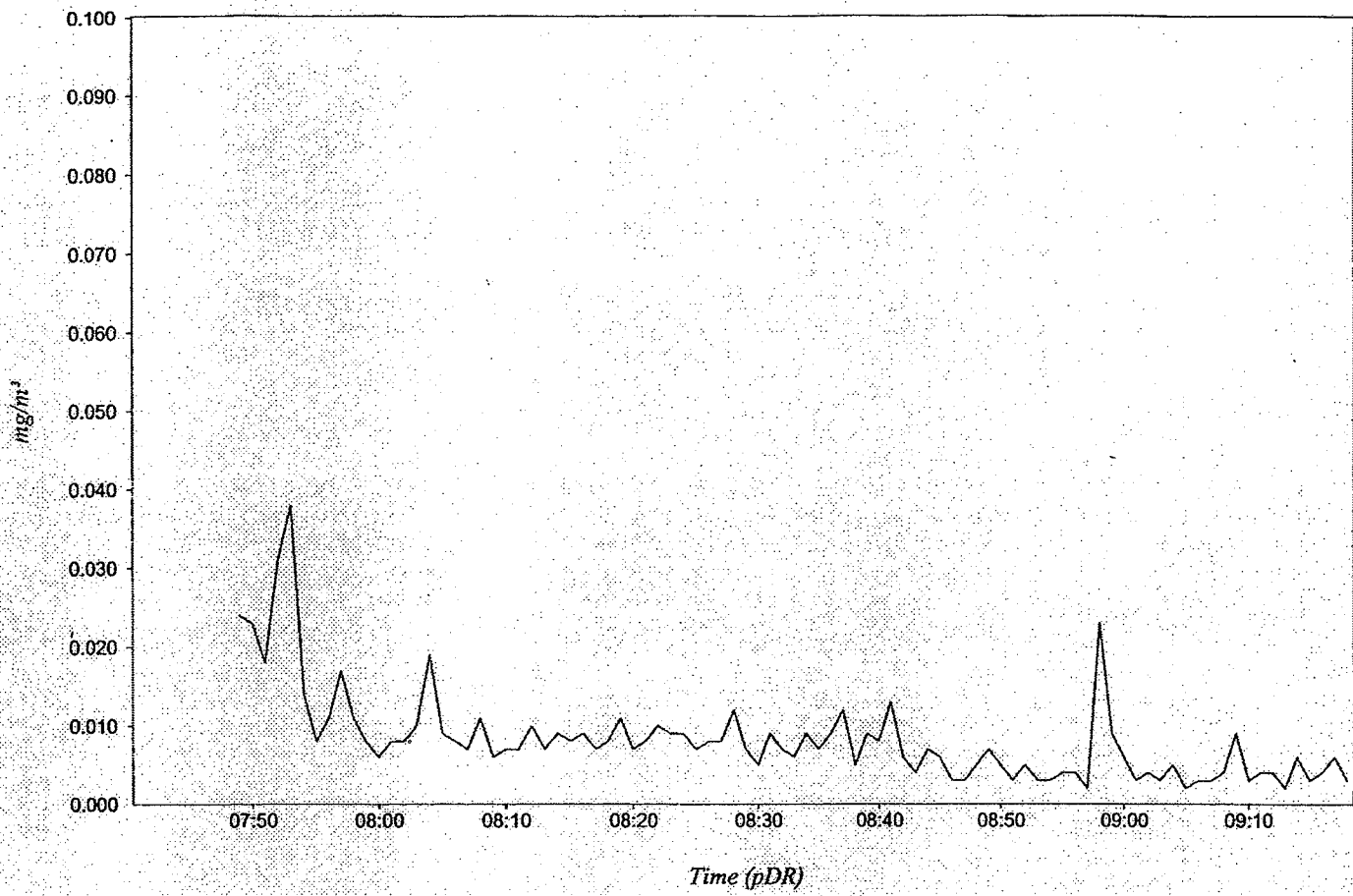
```
pDR-1000 S/N: 08133
Tag Number: 12
Number of logged points: 185
Start time and date:  07:00:06 14-Aug
Elapsed time: 03:05:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.093 mg/m³
Time at maximum: 07:05:57 Aug 14
Max STEL Concentration: 0.005 mg/m³
Time at max STEL:  07:06:36 Aug 14
Overall Avg Conc: 0.000 mg/m³
Logged Data:
Point, Date , Time     ,  Avg.(mg/m³)
    1, 14 Aug, 07:01:06,  0.007
    2, 14 Aug, 07:02:06,  0.006
    3, 14 Aug, 07:03:06,  0.002
    4, 14 Aug, 07:04:06,  0.002
    5, 14 Aug, 07:05:06,  0.014
    6, 14 Aug, 07:06:06,  0.048
    7, 14 Aug, 07:07:06,  0.007
    8, 14 Aug, 07:08:06,  0.000
    9, 14 Aug, 07:09:06,  0.005
   10, 14 Aug, 07:10:06,  0.001
   11, 14 Aug, 07:11:06,  0.001
   12, 14 Aug, 07:12:06,  0.001
   13, 14 Aug, 07:13:06,  0.000
   14, 14 Aug, 07:14:06,  0.000
   15, 14 Aug, 07:15:06,  0.004
   16, 14 Aug, 07:16:06,  0.002
   17, 14 Aug, 07:17:06,  0.000
   18, 14 Aug, 07:18:06,  0.002
   19, 14 Aug, 07:19:06,  0.002
   20, 14 Aug, 07:20:06,  0.000
   21, 14 Aug, 07:21:06,  0.000
   22, 14 Aug, 07:22:06,  0.000
   23, 14 Aug, 07:23:06,  0.005
   24, 14 Aug, 07:24:06,  0.002
   25, 14 Aug, 07:25:06,  0.000
   26, 14 Aug, 07:26:06,  0.004
   27, 14 Aug, 07:27:06,  0.000
   28, 14 Aug, 07:28:06,  0.002
   29, 14 Aug, 07:29:06,  0.000
   30, 14 Aug, 07:30:06,  0.000
   31, 14 Aug, 07:31:06,  0.000
   32, 14 Aug, 07:32:06,  0.000
   33, 14 Aug, 07:33:06,  0.000
   34, 14 Aug, 07:34:06,  0.000
   35, 14 Aug, 07:35:06,  0.000
   36, 14 Aug, 07:36:06,  0.001
   37, 14 Aug, 07:37:06,  0.000
   38, 14 Aug, 07:38:06,  0.000
   39, 14 Aug, 07:39:06,  0.000
   40, 14 Aug, 07:40:06,  0.000
   41, 14 Aug, 07:41:06,  0.000
   42, 14 Aug, 07:42:06,  0.000
   43, 14 Aug, 07:43:06,  0.000
   44, 14 Aug, 07:44:06,  0.000
   45, 14 Aug, 07:45:06,  0.000
   46, 14 Aug, 07:46:06,  0.000
   47, 14 Aug, 07:47:06,  0.000
   48, 14 Aug, 07:48:06,  0.000
   49, 14 Aug, 07:49:06,  0.000
   50, 14 Aug, 07:50:06,  0.000
   51, 14 Aug, 07:51:06,  0.000
   52, 14 Aug, 07:52:06,  0.000
   53, 14 Aug, 07:53:06,  0.000
   54, 14 Aug, 07:54:06,  0.000
   55, 14 Aug, 07:55:06,  0.000
   56, 14 Aug, 07:56:06,  0.000
   57, 14 Aug, 07:57:06,  0.000
```

Unit 1 - Upwind

```
 58, 14 Aug,  07:58:06,    0.000
 59, 14 Aug,  07:59:06,    0.000
 60, 14 Aug,  08:00:06,    0.000
 61, 14 Aug,  08:01:06,    0.000
 62, 14 Aug,  08:02:06,    0.000
 63, 14 Aug,  08:03:06,    0.000
 64, 14 Aug,  08:04:06,    0.000
 65, 14 Aug,  08:05:06,    0.000
 66, 14 Aug,  08:06:06,    0.000
 67, 14 Aug,  08:07:06,    0.002
 68, 14 Aug,  08:08:06,    0.005
 69, 14 Aug,  08:09:06,    0.000
 70, 14 Aug,  08:10:06,    0.000
 71, 14 Aug,  08:11:06,    0.000
 72, 14 Aug,  08:12:06,    0.000
 73, 14 Aug,  08:13:06,    0.000
 74, 14 Aug,  08:14:06,    0.000
 75, 14 Aug,  08:15:06,    0.000
 76, 14 Aug,  08:16:06,    0.000
 77, 14 Aug,  08:17:06,    0.000
 78, 14 Aug,  08:18:06,    0.001
 79, 14 Aug,  08:19:06,    0.000
 80, 14 Aug,  08:20:06,    0.000
 81, 14 Aug,  08:21:06,    0.000
 82, 14 Aug,  08:22:06,    0.000
 83, 14 Aug,  08:23:06,    0.000
 84, 14 Aug,  08:24:06,    0.000
 85, 14 Aug,  08:25:06,    0.001
 86, 14 Aug,  08:26:06,    0.000
 87, 14 Aug,  08:27:06,    0.000
 88, 14 Aug,  08:28:06,    0.000
 89, 14 Aug,  08:29:06,    0.000
 90, 14 Aug,  08:30:06,    0.000
 91, 14 Aug,  08:31:06,    0.000
 92, 14 Aug,  08:32:06,    0.000
 93, 14 Aug,  08:33:06,    0.001
 94, 14 Aug,  08:34:06,    0.000
 95, 14 Aug,  08:35:06,   -0.000
 96, 14 Aug,  08:36:06,    0.000
 97, 14 Aug,  08:37:06,    0.000
 98, 14 Aug,  08:38:06,    0.000
 99, 14 Aug,  08:39:06,    0.000
100, 14 Aug,  08:40:06,    0.000
101, 14 Aug,  08:41:06,    0.000
102, 14 Aug,  08:42:06,    0.000
103, 14 Aug,  08:43:06,    0.001
104, 14 Aug,  08:44:06,    0.000
105, 14 Aug,  08:45:06,    0.000
106, 14 Aug,  08:46:06,    0.000
107, 14 Aug,  08:47:06,    0.000
108, 14 Aug,  08:48:06,    0.000
109, 14 Aug,  08:49:06,    0.000
110, 14 Aug,  08:50:06,    0.000
111, 14 Aug,  08:51:06,    0.000
112, 14 Aug,  08:52:06,    0.000
113, 14 Aug,  08:53:06,    0.002
114, 14 Aug,  08:54:06,    0.003
115, 14 Aug,  08:55:06,    0.000
116, 14 Aug,  08:56:06,    0.000
117, 14 Aug,  08:57:06,    0.003
118, 14 Aug,  08:58:06,    0.000
119, 14 Aug,  08:59:06,    0.000
120, 14 Aug,  09:00:06,    0.000
121, 14 Aug,  09:01:06,    0.000
122, 14 Aug,  09:02:06,    0.000
123, 14 Aug,  09:03:06,    0.000
124, 14 Aug,  09:04:06,    0.001
125, 14 Aug,  09:05:06,    0.000
126, 14 Aug,  09:06:06,    0.000
127, 14 Aug,  09:07:06,    0.000
128, 14 Aug,  09:08:06,    0.000
```

```
129, 14 Aug, 09:09:06,  0.000
130, 14 Aug, 09:10:06,  0.001
131, 14 Aug, 09:11:06,  0.000
132, 14 Aug, 09:12:06,  0.001
133, 14 Aug, 09:13:06,  0.000
134, 14 Aug, 09:14:06,  0.000
135, 14 Aug, 09:15:06,  0.000
136, 14 Aug, 09:16:06,  0.000
137, 14 Aug, 09:17:06,  0.000
138, 14 Aug, 09:18:06,  0.000
139, 14 Aug, 09:19:06,  0.000
140, 14 Aug, 09:20:06,  0.000
141, 14 Aug, 09:21:06,  0.000
142, 14 Aug, 09:22:06,  0.002
143, 14 Aug, 09:23:06,  0.000
144, 14 Aug, 09:24:06,  0.000
145, 14 Aug, 09:25:06,  0.000
146, 14 Aug, 09:26:06,  0.000
147, 14 Aug, 09:27:06,  0.000
148, 14 Aug, 09:28:06,  0.000
149, 14 Aug, 09:29:06,  0.001
150, 14 Aug, 09:30:06,  0.000
151, 14 Aug, 09:31:06,  0.000
152, 14 Aug, 09:32:06,  0.000
153, 14 Aug, 09:33:06,  0.000
154, 14 Aug, 09:34:06,  0.000
155, 14 Aug, 09:35:06,  0.000
156, 14 Aug, 09:36:06,  0.001
157, 14 Aug, 09:37:06,  0.000
158, 14 Aug, 09:38:06,  0.001
159, 14 Aug, 09:39:06,  0.000
160, 14 Aug, 09:40:06,  0.000
161, 14 Aug, 09:41:06,  0.000
162, 14 Aug, 09:42:06,  0.001
163, 14 Aug, 09:43:06,  0.000
164, 14 Aug, 09:44:06,  0.000
165, 14 Aug, 09:45:06,  0.000
166, 14 Aug, 09:46:06,  0.000
167, 14 Aug, 09:47:06,  0.000
168, 14 Aug, 09:48:06,  0.000
169, 14 Aug, 09:49:06,  0.000
170, 14 Aug, 09:50:06,  0.000
171, 14 Aug, 09:51:06,  0.000
172, 14 Aug, 09:52:06,  0.003
173, 14 Aug, 09:53:06,  0.002
174, 14 Aug, 09:54:06,  0.000
175, 14 Aug, 09:55:06,  0.001
176, 14 Aug, 09:56:06,  0.000
177, 14 Aug, 09:57:06,  0.001
178, 14 Aug, 09:58:06,  0.000
179, 14 Aug, 09:59:06,  0.000
180, 14 Aug, 10:00:06,  0.000
181, 14 Aug, 10:01:06,  0.000
182, 14 Aug, 10:02:06,  0.000
183, 14 Aug, 10:03:06,  0.000
184, 14 Aug, 10:04:06,  0.000
185, 14 Aug, 10:05:06,  0.000
```

pDR-1000 S/N: 08133 / Tag # 12 / Start time: Aug 14, 07:00:06
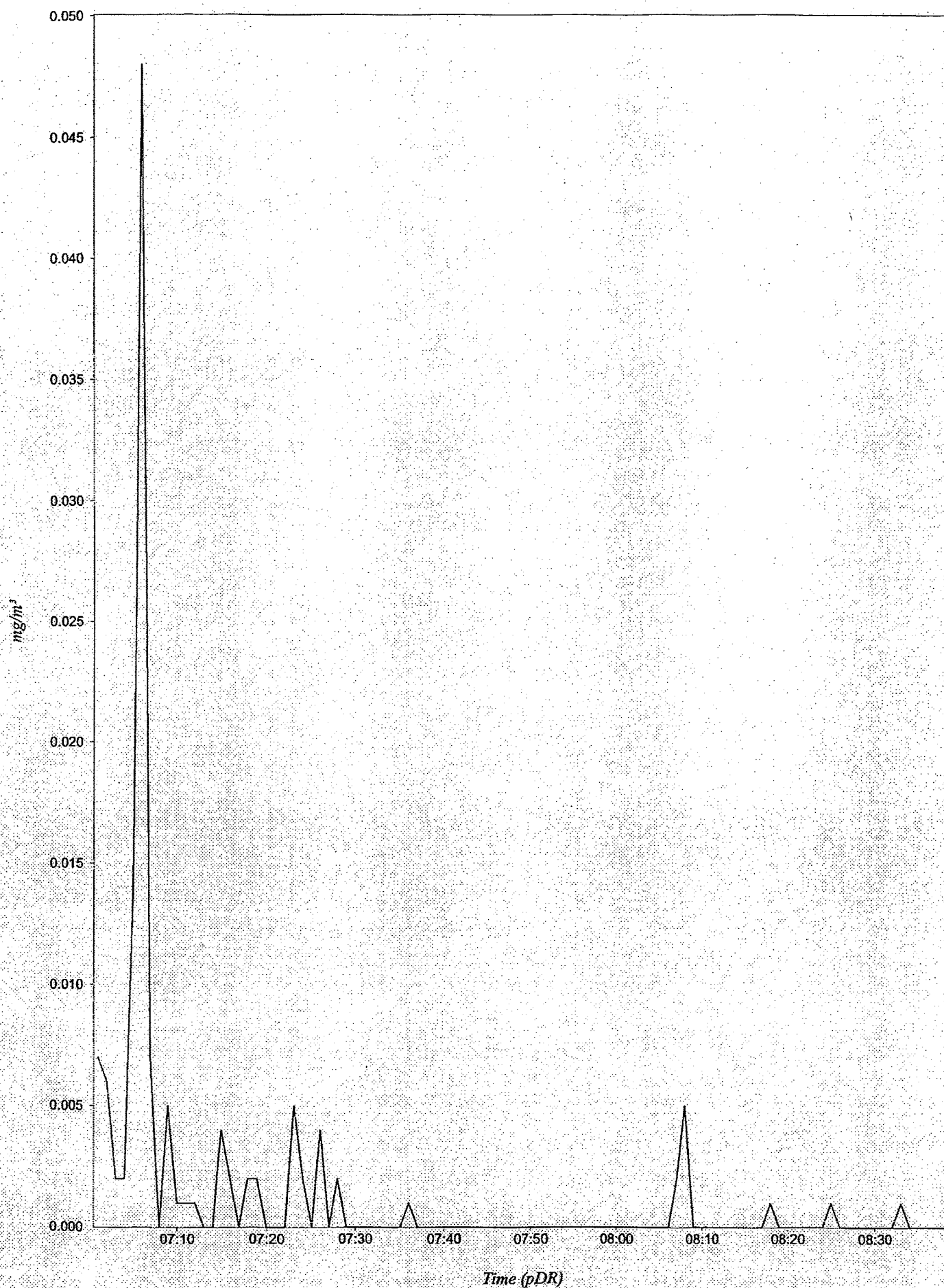
```
pDR-1000 S/N: 08133
Tag Number: 10
Number of logged points: 189
Start time and date:  06:53:00 14-Aug
Elapsed time: 03:09:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.288 mg/m³
Time at maximum: 07:03:06 Aug 14
Max STEL Concentration: 0.019 mg/m³
Time at max STEL:  07:39:30 Aug 14
Overall Avg Conc: 0.014 mg/m³
Logged Data:
Point, Date  , Time     ,  Avg.(mg/m³)
    1, 14 Aug, 06:54:00,  0.010
    2, 14 Aug, 06:55:00,  0.005
    3, 14 Aug, 06:56:00,  0.006
    4, 14 Aug, 06:57:00,  0.007
    5, 14 Aug, 06:58:00,  0.006
    6, 14 Aug, 06:59:00,  0.009
    7, 14 Aug, 07:00:00,  0.013
    8, 14 Aug, 07:01:00,  0.006
    9, 14 Aug, 07:02:00,  0.013
   10, 14 Aug, 07:03:00,  0.050
   11, 14 Aug, 07:04:00,  0.040
   12, 14 Aug, 07:05:00,  0.008
   13, 14 Aug, 07:06:00,  0.005
   14, 14 Aug, 07:07:00,  0.007
   15, 14 Aug, 07:08:00,  0.016
   16, 14 Aug, 07:09:00,  0.010
   17, 14 Aug, 07:10:00,  0.009
   18, 14 Aug, 07:11:00,  0.017
   19, 14 Aug, 07:12:00,  0.012
   20, 14 Aug, 07:13:00,  0.007
   21, 14 Aug, 07:14:00,  0.009
   22, 14 Aug, 07:15:00,  0.012
   23, 14 Aug, 07:16:00,  0.020
   24, 14 Aug, 07:17:00,  0.012
   25, 14 Aug, 07:18:00,  0.013
   26, 14 Aug, 07:19:00,  0.011
   27, 14 Aug, 07:20:00,  0.023
   28, 14 Aug, 07:21:00,  0.008
   29, 14 Aug, 07:22:00,  0.010
   30, 14 Aug, 07:23:00,  0.011
   31, 14 Aug, 07:24:00,  0.012
   32, 14 Aug, 07:25:00,  0.016
   33, 14 Aug, 07:26:00,  0.034
   34, 14 Aug, 07:27:00,  0.012
   35, 14 Aug, 07:28:00,  0.020
   36, 14 Aug, 07:29:00,  0.009
   37, 14 Aug, 07:30:00,  0.017
   38, 14 Aug, 07:31:00,  0.019
   39, 14 Aug, 07:32:00,  0.015
   40, 14 Aug, 07:33:00,  0.011
   41, 14 Aug, 07:34:00,  0.017
   42, 14 Aug, 07:35:00,  0.012
   43, 14 Aug, 07:36:00,  0.034
   44, 14 Aug, 07:37:00,  0.014
   45, 14 Aug, 07:38:00,  0.015
   46, 14 Aug, 07:39:00,  0.010
   47, 14 Aug, 07:40:00,  0.035
   48, 14 Aug, 07:41:00,  0.029
   49, 14 Aug, 07:42:00,  0.020
   50, 14 Aug, 07:43:00,  0.017
   51, 14 Aug, 07:44:00,  0.010
   52, 14 Aug, 07:45:00,  0.016
   53, 14 Aug, 07:46:00,  0.013
   54, 14 Aug, 07:47:00,  0.023
   55, 14 Aug, 07:48:00,  0.009
   56, 14 Aug, 07:49:00,  0.010
   57, 14 Aug, 07:50:00,  0.018
```

Unit 2 - Downwind

```
 58, 14 Aug,  07:51:00,   0.009
 59, 14 Aug,  07:52:00,   0.012
 60, 14 Aug,  07:53:00,   0.021
 61, 14 Aug,  07:54:00,   0.010
 62, 14 Aug,  07:55:00,   0.013
 63, 14 Aug,  07:56:00,   0.010
 64, 14 Aug,  07:57:00,   0.014
 65, 14 Aug,  07:58:00,   0.012
 66, 14 Aug,  07:59:00,   0.016
 67, 14 Aug,  08:00:00, -  0.011
 68, 14 Aug,  08:01:00,   0.012
 69, 14 Aug,  08:02:00,   0.017
 70, 14 Aug,  08:03:00,   0.020
 71, 14 Aug,  08:04:00,   0.013
 72, 14 Aug,  08:05:00,   0.013
 73, 14 Aug,  08:06:00,   0.014
 74, 14 Aug,  08:07:00,   0.013
 75, 14 Aug,  08:08:00,   0.015
 76, 14 Aug,  08:09:00,   0.012
 77, 14 Aug,  08:10:00,   0.014
 78, 14 Aug,  08:11:00,   0.013
 79, 14 Aug,  08:12:00,   0.011
 80, 14 Aug,  08:13:00,   0.018
 81, 14 Aug,  08:14:00,   0.014
 82, 14 Aug,  08:15:00,   0.013
 83, 14 Aug,  08:16:00,   0.011
 84, 14 Aug,  08:17:00,   0.016
 85, 14 Aug,  08:18:00,   0.014
 86, 14 Aug,  08:19:00,   0.017
 87, 14 Aug,  08:20:00,   0.021
 88, 14 Aug,  08:21:00,   0.014
 89, 14 Aug,  08:22:00,   0.017
 90, 14 Aug,  08:23:00,   0.021
 91, 14 Aug,  08:24:00,   0.018
 92, 14 Aug,  08:25:00,   0.015
 93, 14 Aug,  08:26:00,   0.014
 94, 14 Aug,  08:27:00,   0.012
 95, 14 Aug,  08:28:00,   0.012
 96, 14 Aug,  08:29:00,   0.012
 97, 14 Aug,  08:30:00,   0.013
 98, 14 Aug,  08:31:00,   0.014
 99, 14 Aug,  08:32:00,   0.014
100, 14 Aug,  08:33:00,   0.012
101, 14 Aug,  08:34:00,   0.017
102, 14 Aug,  08:35:00,   0.014
103, 14 Aug,  08:36:00,   0.021
104, 14 Aug,  08:37:00,   0.021
105, 14 Aug,  08:38:00,   0.015
106, 14 Aug,  08:39:00,   0.015
107, 14 Aug,  08:40:00,   0.014
108, 14 Aug,  08:41:00,   0.013
109, 14 Aug,  08:42:00,   0.019
110, 14 Aug,  08:43:00,   0.021
111, 14 Aug,  08:44:00,   0.015
112, 14 Aug,  08:45:00,   0.019
113, 14 Aug,  08:46:00,   0.018
114, 14 Aug,  08:47:00,   0.015
115, 14 Aug,  08:48:00,   0.015
116, 14 Aug,  08:49:00,   0.015
117, 14 Aug,  08:50:00,   0.015
118, 14 Aug,  08:51:00,   0.018
119, 14 Aug,  08:52:00,   0.018
120, 14 Aug,  08:53:00,   0.016
121, 14 Aug,  08:54:00,   0.016
122, 14 Aug,  08:55:00,   0.018
123, 14 Aug,  08:56:00,   0.018
124, 14 Aug,  08:57:00,   0.015
125, 14 Aug,  08:58:00,   0.014
126, 14 Aug,  08:59:00,   0.015
127, 14 Aug,  09:00:00,   0.015
128, 14 Aug,  09:01:00,   0.016
```

```
129,  14  Aug,  09:02:00,   0.018
130,  14  Aug,  09:03:00,   0.016
131,  14  Aug,  09:04:00,   0.013
132,  14  Aug,  09:05:00,   0.015
133,  14  Aug,  09:06:00,   0.016
134,  14  Aug,  09:07:00,   0.015
135,  14  Aug,  09:08:00,   0.015
136,  14  Aug,  09:09:00,   0.013
137,  14  Aug,  09:10:00,   0.031
138,  14  Aug,  09:11:00,   0.014
139,  14  Aug,  09:12:00,   0.015
140,  14  Aug,  09:13:00,   0.014
141,  14  Aug,  09:14:00,   0.013
142,  14  Aug,  09:15:00,   0.013
143,  14  Aug,  09:16:00,   0.014
144,  14  Aug,  09:17:00,   0.014
145,  14  Aug,  09:18:00,   0.014
146,  14  Aug,  09:19:00,   0.014
147,  14  Aug,  09:20:00,   0.012
148,  14  Aug,  09:21:00,   0.016
149,  14  Aug,  09:22:00,   0.012
150,  14  Aug,  09:23:00,   0.015
151,  14  Aug,  09:24:00,   0.015
152,  14  Aug,  09:25:00,   0.013
153,  14  Aug,  09:26:00,   0.013
154,  14  Aug,  09:27:00,   0.011
155,  14  Aug,  09:28:00,   0.011
156,  14  Aug,  09:29:00,   0.014
157,  14  Aug,  09:30:00,   0.012
158,  14  Aug,  09:31:00,   0.013
159,  14  Aug,  09:32:00,   0.014
160,  14  Aug,  09:33:00,   0.013
161,  14  Aug,  09:34:00,   0.014
162,  14  Aug,  09:35:00,   0.012
163,  14  Aug,  09:36:00,   0.013
164,  14  Aug,  09:37:00,   0.012
165,  14  Aug,  09:38:00,   0.011
166,  14  Aug,  09:39:00,   0.011
167,  14  Aug,  09:40:00,   0.013
168,  14  Aug,  09:41:00,   0.012
169,  14  Aug,  09:42:00,   0.013
170,  14  Aug,  09:43:00,   0.012
171,  14  Aug,  09:44:00,   0.010
172,  14  Aug,  09:45:00,   0.011
173,  14  Aug,  09:46:00,   0.010
174,  14  Aug,  09:47:00,   0.009
175,  14  Aug,  09:48:00,   0.010
176,  14  Aug,  09:49:00,   0.010
177,  14  Aug,  09:50:00,   0.010
178,  14  Aug,  09:51:00,   0.014
179,  14  Aug,  09:52:00,   0.013
180,  14  Aug,  09:53:00,   0.010
181,  14  Aug,  09:54:00,   0.012
182,  14  Aug,  09:55:00,   0.009
183,  14  Aug,  09:56:00,   0.009
184,  14  Aug,  09:57:00,   0.022
185,  14  Aug,  09:58:00,   0.012
186,  14  Aug,  09:59:00,   0.012
187,  14  Aug,  10:00:00,   0.009
188,  14  Aug,  10:01:00,   0.010
189,  14  Aug,  10:02:00,   0.008
```

pDR-1000 S/N: 08133 / Tag # 10 / Start time: Aug 14, 06:53:00

Time (pDR)
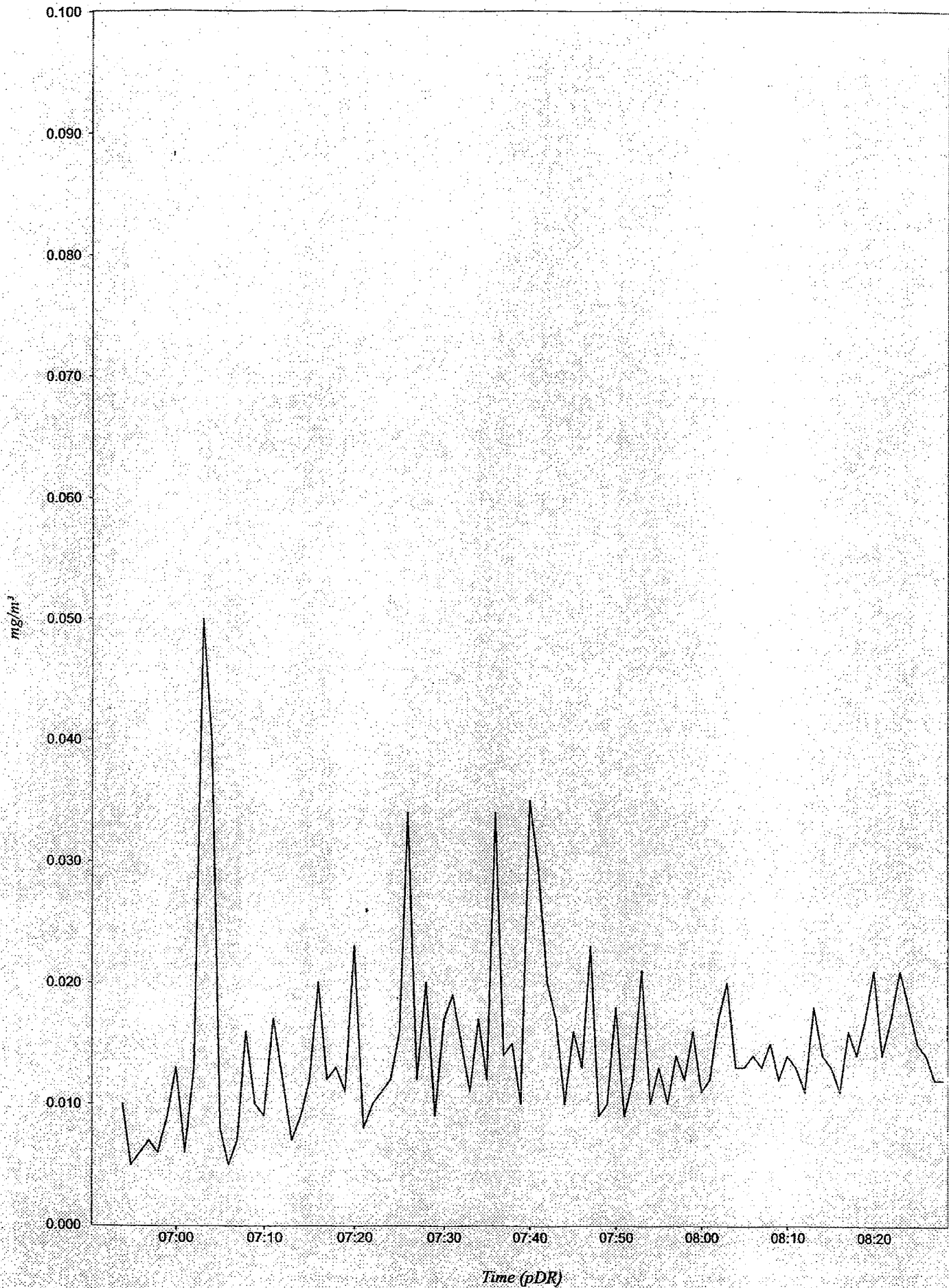
```
pDR-1000 S/N: 08133
Tag Number: 11
Number of logged points: 228
Start time and date:  07:34:32 16-Aug
Elapsed time: 03:48:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.155 mg/m³
Time at maximum: 08:52:54 Aug 16
Max STEL Concentration: 0.063 mg/m³
Time at max STEL:  10:43:32 Aug 16
Overall Avg Conc: 0.049 mg/m³
Logged Data:
Point, Date , Time      , Avg.(mg/m³)
    1, 16 Aug, 07:35:32,  0.042
    2, 16 Aug, 07:36:32,  0.027
    3, 16 Aug, 07:37:32,  0.022
    4, 16 Aug, 07:38:32,  0.019
    5, 16 Aug, 07:39:32,  0.020
    6, 16 Aug, 07:40:32,  0.020
    7, 16 Aug, 07:41:32,  0.021
    8, 16 Aug, 07:42:32,  0.023
    9, 16 Aug, 07:43:32,  0.021
   10, 16 Aug, 07:44:32,  0.025
   11, 16 Aug, 07:45:32,  0.024
   12, 16 Aug, 07:46:32,  0.027
   13, 16 Aug, 07:47:32,  0.027
   14, 16 Aug, 07:48:32,  0.024
   15, 16 Aug, 07:49:32,  0.025
   16, 16 Aug, 07:50:32,  0.031
   17, 16 Aug, 07:51:32,  0.030
   18, 16 Aug, 07:52:32,  0.030
   19, 16 Aug, 07:53:32,  0.028
   20, 16 Aug, 07:54:32,  0.025
   21, 16 Aug, 07:55:32,  0.037
   22, 16 Aug, 07:56:32,  0.028
   23, 16 Aug, 07:57:32,  0.032
   24, 16 Aug, 07:58:32,  0.030
   25, 16 Aug, 07:59:32,  0.028
   26, 16 Aug, 08:00:32,  0.034
   27, 16 Aug, 08:01:32,  0.042
   28, 16 Aug, 08:02:32,  0.032
   29, 16 Aug, 08:03:32,  0.030
   30, 16 Aug, 08:04:32,  0.030
   31, 16 Aug, 08:05:32,  0.031
   32, 16 Aug, 08:06:32,  0.033
   33, 16 Aug, 08:07:32,  0.032
   34, 16 Aug, 08:08:32,  0.034
   35, 16 Aug, 08:09:32,  0.031
   36, 16 Aug, 08:10:32,  0.037
   37, 16 Aug, 08:11:32,  0.032
   38, 16 Aug, 08:12:32,  0.032
   39, 16 Aug, 08:13:32,  0.038
   40, 16 Aug, 08:14:32,  0.041
   41, 16 Aug, 08:15:32,  0.035
   42, 16 Aug, 08:16:32,  0.040
   43, 16 Aug, 08:17:32,  0.036
   44, 16 Aug, 08:18:32,  0.038
   45, 16 Aug, 08:19:32,  0.039
   46, 16 Aug, 08:20:32,  0.040
   47, 16 Aug, 08:21:32,  0.036
   48, 16 Aug, 08:22:32,  0.043
   49, 16 Aug, 08:23:32,  0.041
   50, 16 Aug, 08:24:32,  0.040
   51, 16 Aug, 08:25:32,  0.039
   52, 16 Aug, 08:26:32,  0.038
   53, 16 Aug, 08:27:32,  0.048
   54, 16 Aug, 08:28:32,  0.049
   55, 16 Aug, 08:29:32,  0.039
   56, 16 Aug, 08:30:32,  0.037
   57, 16 Aug, 08:31:32,  0.036
```

Unit 1 - Upwind

```
 58, 16 Aug, 08:32:32,  0.036
 59, 16 Aug, 08:33:32,  0.042
 60, 16 Aug, 08:34:32,  0.043
 61, 16 Aug, 08:35:32,  0.042
 62, 16 Aug, 08:36:32,  0.033
 63, 16 Aug, 08:37:32,  0.042
 64, 16 Aug, 08:38:32,  0.046
 65, 16 Aug, 08:39:32,  0.042
 66, 16 Aug, 08:40:32,  0.043
 67, 16 Aug, 08:41:32,  0.046
 68, 16 Aug, 08:42:32,  0.056
 69, 16 Aug, 08:43:32,  0.053
 70, 16 Aug, 08:44:32,  0.042
 71, 16 Aug, 08:45:32,  0.039
 72, 16 Aug, 08:46:32,  0.040
 73, 16 Aug, 08:47:32,  0.047
 74, 16 Aug, 08:48:32,  0.048
 75, 16 Aug, 08:49:32,  0.046
 76, 16 Aug, 08:50:32,  0.043
 77, 16 Aug, 08:51:32,  0.047
 78, 16 Aug, 08:52:32,  0.045
 79, 16 Aug, 08:53:32,  0.068
 80, 16 Aug, 08:54:32,  0.048
 81, 16 Aug, 08:55:32,  0.048
 82, 16 Aug, 08:56:32,  0.048
 83, 16 Aug, 08:57:32,  0.043
 84, 16 Aug, 08:58:32,  0.045
 85, 16 Aug, 08:59:32,  0.044
 86, 16 Aug, 09:00:32,  0.047
 87, 16 Aug, 09:01:32,  0.046
 88, 16 Aug, 09:02:32,  0.050
 89, 16 Aug, 09:03:32,  0.053
 90, 16 Aug, 09:04:32,  0.047
 91, 16 Aug, 09:05:32,  0.050
 92, 16 Aug, 09:06:32,  0.052
 93, 16 Aug, 09:07:32,  0.053
 94, 16 Aug, 09:08:32,  0.055
 95, 16 Aug, 09:09:32,  0.050
 96, 16 Aug, 09:10:32,  0.065
 97, 16 Aug, 09:11:32,  0.053
 98, 16 Aug, 09:12:32,  0.059
 99, 16 Aug, 09:13:32,  0.051
100, 16 Aug, 09:14:32,  0.049
101, 16 Aug, 09:15:32,  0.053
102, 16 Aug, 09:16:32,  0.052
103, 16 Aug, 09:17:32,  0.052
104, 16 Aug, 09:18:32,  0.051
105, 16 Aug, 09:19:32,  0.053
106, 16 Aug, 09:20:32,  0.050
107, 16 Aug, 09:21:32,  0.047
108, 16 Aug, 09:22:32,  0.056
109, 16 Aug, 09:23:32,  0.047
110, 16 Aug, 09:24:32,  0.050
111, 16 Aug, 09:25:32,  0.061
112, 16 Aug, 09:26:32,  0.054
113, 16 Aug, 09:27:32,  0.050
114, 16 Aug, 09:28:32,  0.044
115, 16 Aug, 09:29:32,  0.057
116, 16 Aug, 09:30:32,  0.047
117, 16 Aug, 09:31:32,  0.047
118, 16 Aug, 09:32:32,  0.056
119, 16 Aug, 09:33:32,  0.052
120, 16 Aug, 09:34:32,  0.045
121, 16 Aug, 09:35:32,  0.052
122, 16 Aug, 09:36:32,  0.059
123, 16 Aug, 09:37:32,  0.056
124, 16 Aug, 09:38:32,  0.055
125, 16 Aug, 09:39:32,  0.052
126, 16 Aug, 09:40:32,  0.055
127, 16 Aug, 09:41:32,  0.053
128, 16 Aug, 09:42:32,  0.053
```

```
129, 16 Aug, 09:43:32,   0.047
130, 16 Aug, 09:44:32,   0.048
131, 16 Aug, 09:45:32,   0.052
132, 16 Aug, 09:46:32,   0.050
133, 16 Aug, 09:47:32,   0.046
134, 16 Aug, 09:48:32,   0.053
135, 16 Aug, 09:49:32,   0.053
136, 16 Aug, 09:50:32,   0.053
137, 16 Aug, 09:51:32,   0.057
138, 16 Aug, 09:52:32,   0.057
139, 16 Aug, 09:53:32,   0.053
140, 16 Aug, 09:54:32,   0.060
141, 16 Aug, 09:55:32,   0.058
142, 16 Aug, 09:56:32,   0.057
143, 16 Aug, 09:57:32,   0.057
144, 16 Aug, 09:58:32,   0.056
145, 16 Aug, 09:59:32,   0.057
146, 16 Aug, 10:00:32,   0.053
147, 16 Aug, 10:01:32,   0.050
148, 16 Aug, 10:02:32,   0.062
149, 16 Aug, 10:03:32,   0.056
150, 16 Aug, 10:04:32,   0.054
151, 16 Aug, 10:05:32,   0.054
152, 16 Aug, 10:06:32,   0.056
153, 16 Aug, 10:07:32,   0.057
154, 16 Aug, 10:08:32,   0.055
155, 16 Aug, 10:09:32,   0.057
156, 16 Aug, 10:10:32,   0.057
157, 16 Aug, 10:11:32,   0.056
158, 16 Aug, 10:12:32,   0.058
159, 16 Aug, 10:13:32,   0.063
160, 16 Aug, 10:14:32,   0.056
161, 16 Aug, 10:15:32,   0.062
162, 16 Aug, 10:16:32,   0.055
163, 16 Aug, 10:17:32,   0.057
164, 16 Aug, 10:18:32,   0.063
165, 16 Aug, 10:19:32,   0.056
166, 16 Aug, 10:20:32,   0.061
167, 16 Aug, 10:21:32,   0.058
168, 16 Aug, 10:22:32,   0.062
169, 16 Aug, 10:23:32,   0.059
170, 16 Aug, 10:24:32,   0.054
171, 16 Aug, 10:25:32,   0.060
172, 16 Aug, 10:26:32,   0.067
173, 16 Aug, 10:27:32,   0.066
174, 16 Aug, 10:28:32,   0.062
175, 16 Aug, 10:29:32,   0.062
176, 16 Aug, 10:30:32,   0.066
177, 16 Aug, 10:31:32,   0.067
178, 16 Aug, 10:32:32,   0.060
179, 16 Aug, 10:33:32,   0.057
180, 16 Aug, 10:34:32,   0.060
181, 16 Aug, 10:35:32,   0.065
182, 16 Aug, 10:36:32,   0.064
183, 16 Aug, 10:37:32,   0.062
184, 16 Aug, 10:38:32,   0.057
185, 16 Aug, 10:39:32,   0.059
186, 16 Aug, 10:40:32,   0.061
187, 16 Aug, 10:41:32,   0.062
188, 16 Aug, 10:42:32,   0.063
189, 16 Aug, 10:43:32,   0.075
190, 16 Aug, 10:44:32,   0.055
191, 16 Aug, 10:45:32,   0.059
192, 16 Aug, 10:46:32,   0.064
193, 16 Aug, 10:47:32,   0.060
194, 16 Aug, 10:48:32,   0.057
195, 16 Aug, 10:49:32,   0.062
196, 16 Aug, 10:50:32,   0.060
197, 16 Aug, 10:51:32,   0.063
198, 16 Aug, 10:52:32,   0.061
199, 16 Aug, 10:53:32,   0.059
```

```
200,  16  Aug,  10:54:32,    0.061
201,  16  Aug,  10:55:32,    0.062
202,  16  Aug,  10:56:32,    0.060
203,  16  Aug,  10:57:32,    0.065
204,  16  Aug,  10:58:32,    0.064
205,  16  Aug,  10:59:32,    0.055
206,  16  Aug,  11:00:32,    0.057
207,  16  Aug,  11:01:32,    0.054
208,  16  Aug,  11:02:32,    0.062
209,  16  Aug,  11:03:32,    0.055
210,  16  Aug,  11:04:32,    0.058
211,  16  Aug,  11:05:32,    0.064
212,  16  Aug,  11:06:32,    0.068
213,  16  Aug,  11:07:32,    0.057
214,  16  Aug,  11:08:32,    0.056
215,  16  Aug,  11:09:32,    0.051
216,  16  Aug,  11:10:32,    0.055
217,  16  Aug,  11:11:32,    0.053
218,  16  Aug,  11:12:32,    0.070
219,  16  Aug,  11:13:32,    0.056
220,  16  Aug,  11:14:32,    0.056
221,  16  Aug,  11:15:32,    0.054
222,  16  Aug,  11:16:32,    0.056
223,  16  Aug,  11:17:32,    0.055
224,  16  Aug,  11:18:32,    0.059
225,  16  Aug,  11:19:32,    0.059
226,  16  Aug,  11:20:32,    0.056
227,  16  Aug,  11:21:32,    0.066
228,  16  Aug,  11:22:32,    0.060
```

pDR-1000 S/N: 08133 / Tag # 11 / Start time: Aug 16, 07:34:32
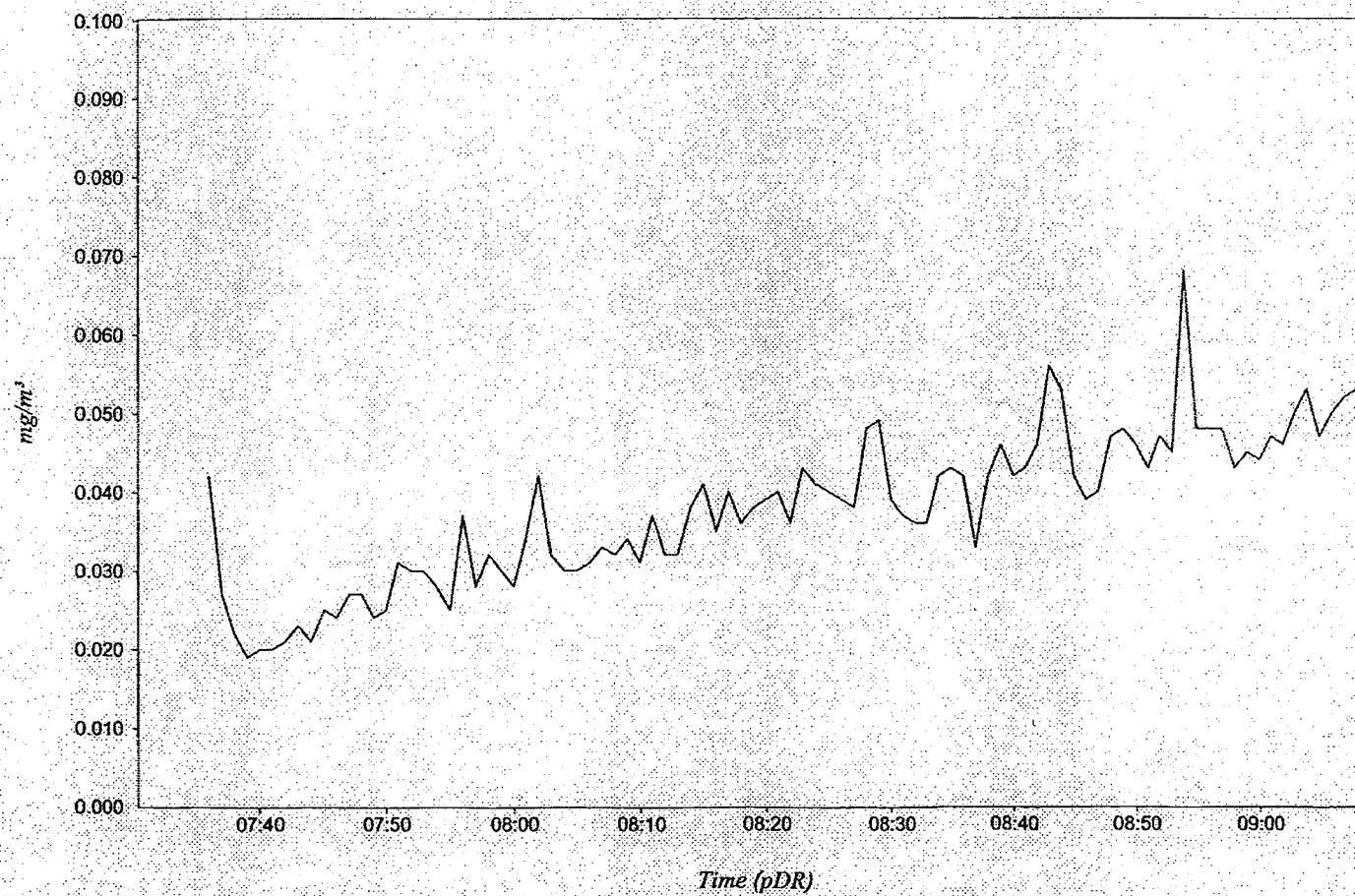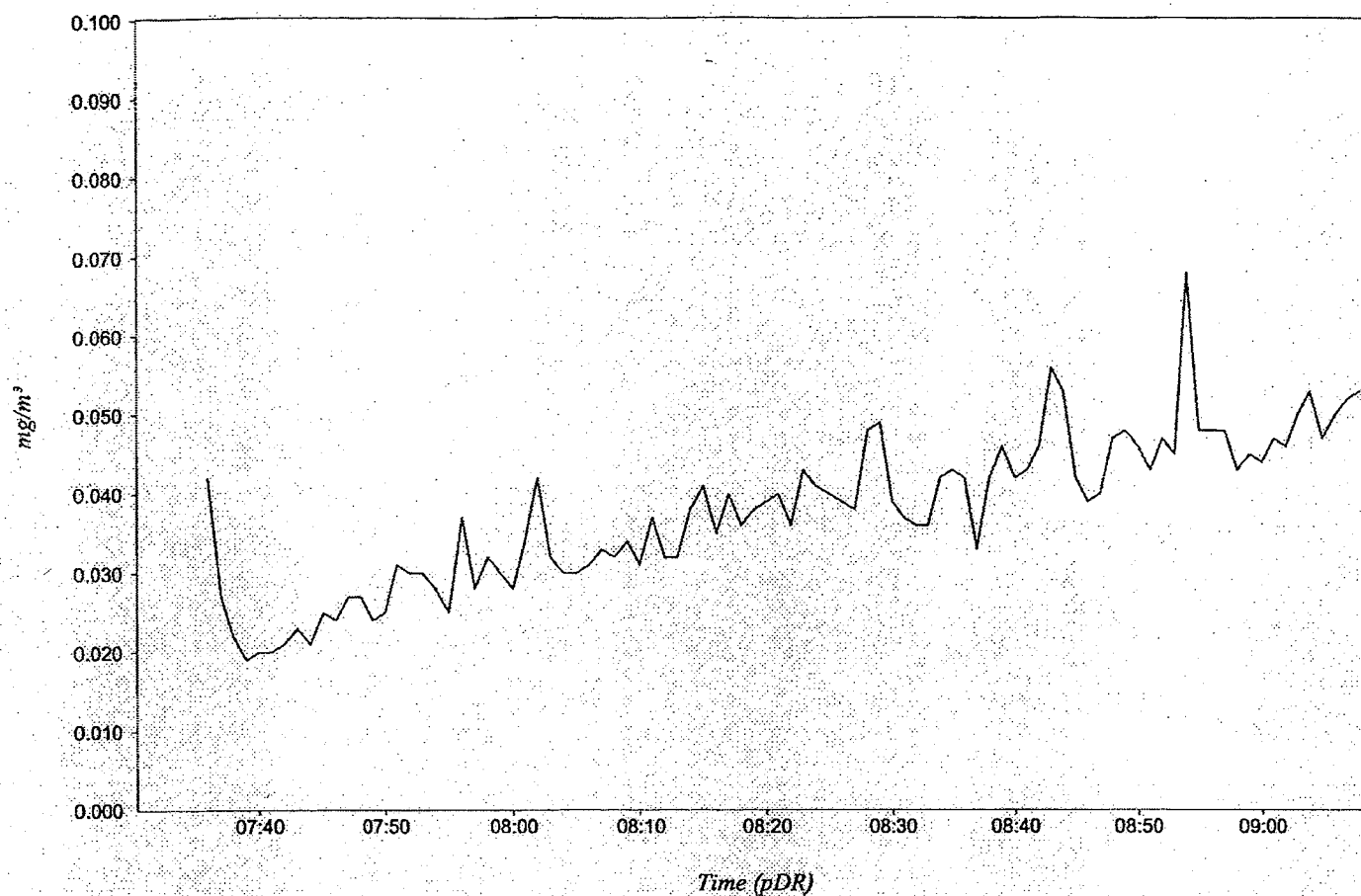
```
pDR-1000 S/N: 08133
Tag Number: 13
Number of logged points: 232
Start time and date:  07:34:50 16-Aug
Elapsed time: 03:52:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.590 mg/m³
Time at maximum: 11:22:48 Aug 16
Max STEL Concentration: 0.032 mg/m³
Time at max STEL:  11:25:51 Aug 16
Overall Avg Conc: 0.005 mg/m³
Logged Data:
Point, Date , Time   ,  Avg.(mg/m³)
    1, 16 Aug, 07:35:50,  0.008
    2, 16 Aug, 07:36:50,  0.006
    3, 16 Aug, 07:37:50,  0.005
    4, 16 Aug, 07:38:50,  0.003
    5, 16 Aug, 07:39:50,  0.003
    6, 16 Aug, 07:40:50,  0.000
    7, 16 Aug, 07:41:50,  0.003
    8, 16 Aug, 07:42:50,  0.000
    9, 16 Aug, 07:43:50,  0.003
   10, 16 Aug, 07:44:50,  0.001
   11, 16 Aug, 07:45:50,  0.000
   12, 16 Aug, 07:46:50,  0.002
   13, 16 Aug, 07:47:50,  0.003
   14, 16 Aug, 07:48:50,  0.002
   15, 16 Aug, 07:49:50,  0.002
   16, 16 Aug, 07:50:50,  0.002
   17, 16 Aug, 07:51:50,  0.001
   18, 16 Aug, 07:52:50,  0.002
   19, 16 Aug, 07:53:50,  0.000
   20, 16 Aug, 07:54:50,  0.001
   21, 16 Aug, 07:55:50,  0.001
   22, 16 Aug, 07:56:50,  0.001
   23, 16 Aug, 07:57:50,  0.014
   24, 16 Aug, 07:58:50,  0.001
   25, 16 Aug, 07:59:50,  0.003
   26, 16 Aug, 08:00:50,  0.003
   27, 16 Aug, 08:01:50,  0.001
   28, 16 Aug, 08:02:50,  0.001
   29, 16 Aug, 08:03:50,  0.000
   30, 16 Aug, 08:04:50,  0.000
   31, 16 Aug, 08:05:50,  0.000
   32, 16 Aug, 08:06:50,  0.000
   33, 16 Aug, 08:07:50,  0.003
   34, 16 Aug, 08:08:50,  0.000
   35, 16 Aug, 08:09:50,  0.000
   36, 16 Aug, 08:10:50,  0.011
   37, 16 Aug, 08:11:50,  0.002
   38, 16 Aug, 08:12:50,  0.000
   39, 16 Aug, 08:13:50,  0.003
   40, 16 Aug, 08:14:50,  0.000
   41, 16 Aug, 08:15:50,  0.001
   42, 16 Aug, 08:16:50,  0.000
   43, 16 Aug, 08:17:50,  0.000
   44, 16 Aug, 08:18:50,  0.002
   45, 16 Aug, 08:19:50,  0.003
   46, 16 Aug, 08:20:50,  0.017
   47, 16 Aug, 08:21:50,  0.014
   48, 16 Aug, 08:22:50,  0.009
   49, 16 Aug, 08:23:50,  0.009
   50, 16 Aug, 08:24:50,  0.011
   51, 16 Aug, 08:25:50,  0.014
   52, 16 Aug, 08:26:50,  0.014
   53, 16 Aug, 08:27:50,  0.011
   54, 16 Aug, 08:28:50,  0.003
   55, 16 Aug, 08:29:50,  0.014
   56, 16 Aug, 08:30:50,  0.009
   57, 16 Aug, 08:31:50,  0.000
```

Unit 2 - Downwind

```
 58, 16 Aug, 08:32:50,  0.006
 59, 16 Aug, 08:33:50,  0.007
 60, 16 Aug, 08:34:50,  0.018
 61, 16 Aug, 08:35:50,  0.020
 62, 16 Aug, 08:36:50,  0.010
 63, 16 Aug, 08:37:50,  0.000
 64, 16 Aug, 08:38:50,  0.027
 65, 16 Aug, 08:39:50,  0.016
 66, 16 Aug, 08:40:50,  0.003
 67, 16 Aug, 08:41:50,  0.005
 68, 16 Aug, 08:42:50,  0.043
 69, 16 Aug, 08:43:50,  0.020
 70, 16 Aug, 08:44:50,  0.019
 71, 16 Aug, 08:45:50,  0.011
 72, 16 Aug, 08:46:50,  0.003
 73, 16 Aug, 08:47:50,  0.014
 74, 16 Aug, 08:48:50,  0.002
 75, 16 Aug, 08:49:50,  0.013
 76, 16 Aug, 08:50:50,  0.015
 77, 16 Aug, 08:51:50,  0.004
 78, 16 Aug, 08:52:50,  0.004
 79, 16 Aug, 08:53:50,  0.003
 80, 16 Aug, 08:54:50,  0.004
 81, 16 Aug, 08:55:50,  0.008
 82, 16 Aug, 08:56:50,  0.002
 83, 16 Aug, 08:57:50,  0.004
 84, 16 Aug, 08:58:50,  0.015
 85, 16 Aug, 08:59:50,  0.013
 86, 16 Aug, 09:00:50,  0.017
 87, 16 Aug, 09:01:50,  0.004
 88, 16 Aug, 09:02:50,  0.012
 89, 16 Aug, 09:03:50,  0.007
 90, 16 Aug, 09:04:50,  0.027
 91, 16 Aug, 09:05:50,  0.008
 92, 16 Aug, 09:06:50,  0.002
 93, 16 Aug, 09:07:50,  0.003
 94, 16 Aug, 09:08:50,  0.011
 95, 16 Aug, 09:09:50,  0.002
 96, 16 Aug, 09:10:50,  0.000
 97, 16 Aug, 09:11:50,  0.001
 98, 16 Aug, 09:12:50,  0.004
 99, 16 Aug, 09:13:50,  0.002
100, 16 Aug, 09:14:50,  0.003
101, 16 Aug, 09:15:50,  0.003
102, 16 Aug, 09:16:50,  0.000
103, 16 Aug, 09:17:50,  0.001
104, 16 Aug, 09:18:50,  0.002
105, 16 Aug, 09:19:50,  0.002
106, 16 Aug, 09:20:50,  0.003
107, 16 Aug, 09:21:50,  0.006
108, 16 Aug, 09:22:50,  0.001
109, 16 Aug, 09:23:50,  0.000
110, 16 Aug, 09:24:50,  0.002
111, 16 Aug, 09:25:50,  0.003
112, 16 Aug, 09:26:50,  0.000
113, 16 Aug, 09:27:50,  0.008
114, 16 Aug, 09:28:50,  0.001
115, 16 Aug, 09:29:50,  0.003
116, 16 Aug, 09:30:50,  0.018
117, 16 Aug, 09:31:50,  0.002
118, 16 Aug, 09:32:50,  0.002
119, 16 Aug, 09:33:50,  0.006
120, 16 Aug, 09:34:50,  0.002
121, 16 Aug, 09:35:50,  0.000
122, 16 Aug, 09:36:50,  0.003
123, 16 Aug, 09:37:50,  0.000
124, 16 Aug, 09:38:50,  0.002
125, 16 Aug, 09:39:50,  0.000
126, 16 Aug, 09:40:50,  0.006
127, 16 Aug, 09:41:50,  0.005
128, 16 Aug, 09:42:50,  0.000
```

```
129, 16 Aug, 09:43:50,    0.002
130, 16 Aug, 09:44:50,    0.001
131, 16 Aug, 09:45:50,    0.001
132, 16 Aug, 09:46:50,    0.001
133, 16 Aug, 09:47:50,    0.002
134, 16 Aug, 09:48:50,    0.000
135, 16 Aug, 09:49:50,    0.000
136, 16 Aug, 09:50:50,    0.001
137, 16 Aug, 09:51:50,    0.001
138, 16 Aug, 09:52:50,    0.000
139, 16 Aug, 09:53:50,    0.001
140, 16 Aug, 09:54:50,    0.000
141, 16 Aug, 09:55:50,    0.003
142, 16 Aug, 09:56:50,    0.001
143, 16 Aug, 09:57:50,    0.000
144, 16 Aug, 09:58:50,    0.004
145, 16 Aug, 09:59:50,    0.000
146, 16 Aug, 10:00:50,    0.001
147, 16 Aug, 10:01:50,    0.001
148, 16 Aug, 10:02:50,    0.002
149, 16 Aug, 10:03:50,    0.007
150, 16 Aug, 10:04:50,    0.001
151, 16 Aug, 10:05:50,    0.001
152, 16 Aug, 10:06:50,    0.002
153, 16 Aug, 10:07:50,    0.002
154, 16 Aug, 10:08:50,    0.001
155, 16 Aug, 10:09:50,    0.002
156, 16 Aug, 10:10:50,    0.003
157, 16 Aug, 10:11:50,    0.001
158, 16 Aug, 10:12:50,    0.001
159, 16 Aug, 10:13:50,    0.002
160, 16 Aug, 10:14:50,    0.005
161, 16 Aug, 10:15:50,    0.004
162, 16 Aug, 10:16:50,    0.003
163, 16 Aug, 10:17:50,    0.001
164, 16 Aug, 10:18:50,    0.000
165, 16 Aug, 10:19:50,    0.001
166, 16 Aug, 10:20:50,    0.001
167, 16 Aug, 10:21:50,    0.005
168, 16 Aug, 10:22:50,    0.002
169, 16 Aug, 10:23:50,    0.007
170, 16 Aug, 10:24:50,    0.004
171, 16 Aug, 10:25:50,    0.001
172, 16 Aug, 10:26:50,    0.007
173, 16 Aug, 10:27:50,    0.000
174, 16 Aug, 10:28:50,    0.000
175, 16 Aug, 10:29:50,    0.001
176, 16 Aug, 10:30:50,    0.002
177, 16 Aug, 10:31:50,    0.004
178, 16 Aug, 10:32:50,    0.000
179, 16 Aug, 10:33:50,    0.000
180, 16 Aug, 10:34:50,    0.005
181, 16 Aug, 10:35:50,    0.008
182, 16 Aug, 10:36:50,    0.009
183, 16 Aug, 10:37:50,    0.007
184, 16 Aug, 10:38:50,    0.044
185, 16 Aug, 10:39:50,    0.003
186, 16 Aug, 10:40:50,    0.016
187, 16 Aug, 10:41:50,    0.158
188, 16 Aug, 10:42:50,    0.107
189, 16 Aug, 10:43:50,    0.038
190, 16 Aug, 10:44:50,    0.013
191, 16 Aug, 10:45:50,    0.004
192, 16 Aug, 10:46:50,    0.007
193, 16 Aug, 10:47:50,    0.020
194, 16 Aug, 10:48:50,    0.009
195, 16 Aug, 10:49:50,    0.006
196, 16 Aug, 10:50:50,    0.009
197, 16 Aug, 10:51:50,    0.006
198, 16 Aug, 10:52:50,    0.011
199, 16 Aug, 10:53:50,    0.015
```

```
200, 16 Aug, 10:54:50,  0.018
201, 16 Aug, 10:55:50,  0.005
202, 16 Aug, 10:56:50,  0.010
203, 16 Aug, 10:57:50,  0.007
204, 16 Aug, 10:58:50,  0.013
205, 16 Aug, 10:59:50,  0.008
206, 16 Aug, 11:00:50,  0.007
207, 16 Aug, 11:01:50,  0.007
208, 16 Aug, 11:02:50,  0.008
209, 16 Aug, 11:03:50,  0.034
210, 16 Aug, 11:04:50,  0.051
211, 16 Aug, 11:05:50,  0.009
212, 16 Aug, 11:06:50,  0.007
213, 16 Aug, 11:07:50,  0.005
214, 16 Aug, 11:08:50,  0.015
215, 16 Aug, 11:09:50,  0.009
216, 16 Aug, 11:10:50,  0.025
217, 16 Aug, 11:11:50,  0.017
218, 16 Aug, 11:12:50,  0.007
219, 16 Aug, 11:13:50,  0.011
220, 16 Aug, 11:14:50,  0.013
221, 16 Aug, 11:15:50,  0.006
222, 16 Aug, 11:16:50,  0.017
223, 16 Aug, 11:17:50,  0.009
224, 16 Aug, 11:18:50,  0.012
225, 16 Aug, 11:19:50,  0.012
226, 16 Aug, 11:20:50,  0.008
227, 16 Aug, 11:21:50,  0.039
228, 16 Aug, 11:22:50,  0.140
229, 16 Aug, 11:23:50,  0.054
230, 16 Aug, 11:24:50,  0.089
231, 16 Aug, 11:25:50,  0.041
232, 16 Aug, 11:26:50,  0.023
```

pDR-1000 S/N: 08133 / Tag # 13 / Start time: Aug 16, 07:34:50
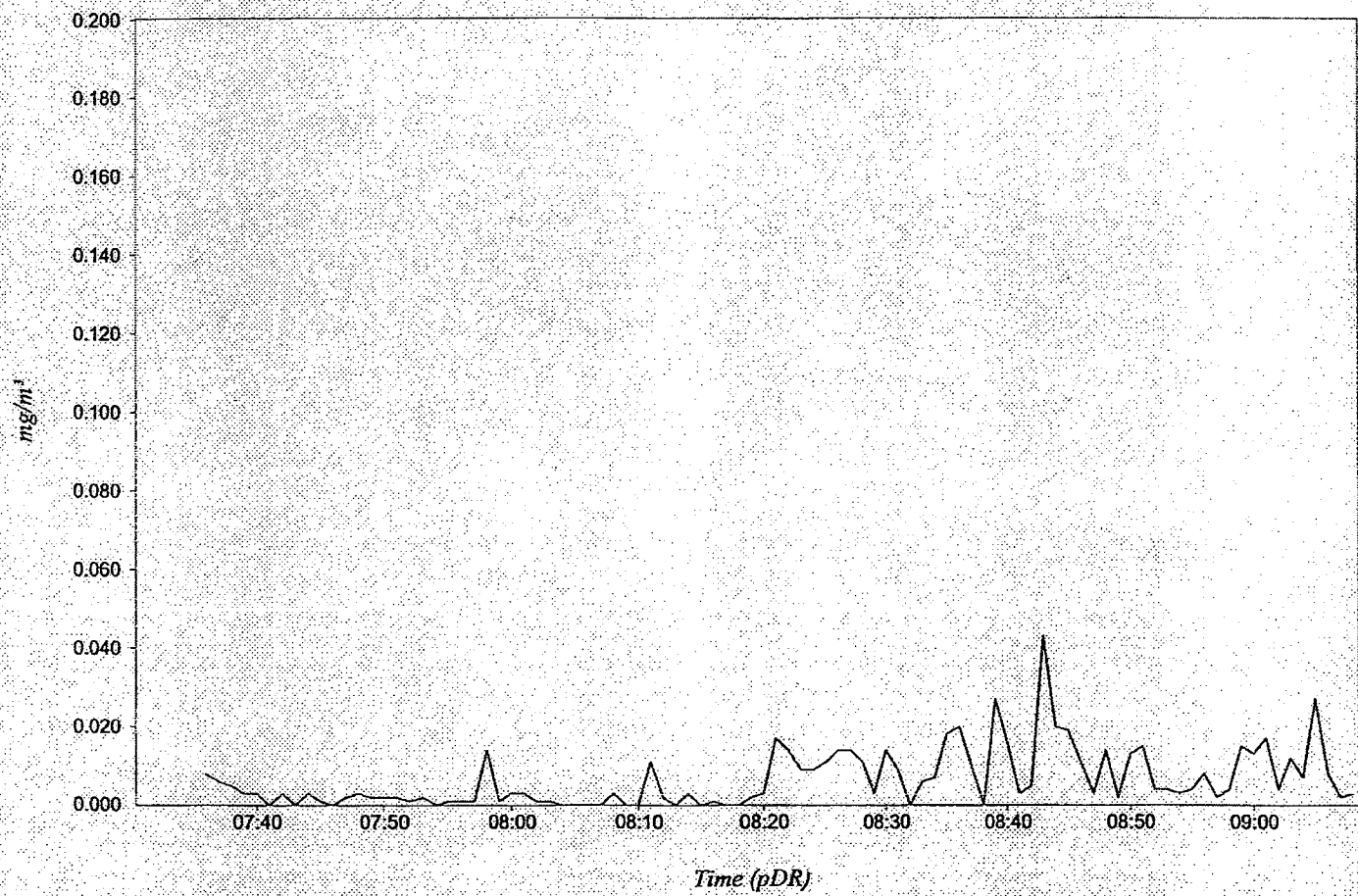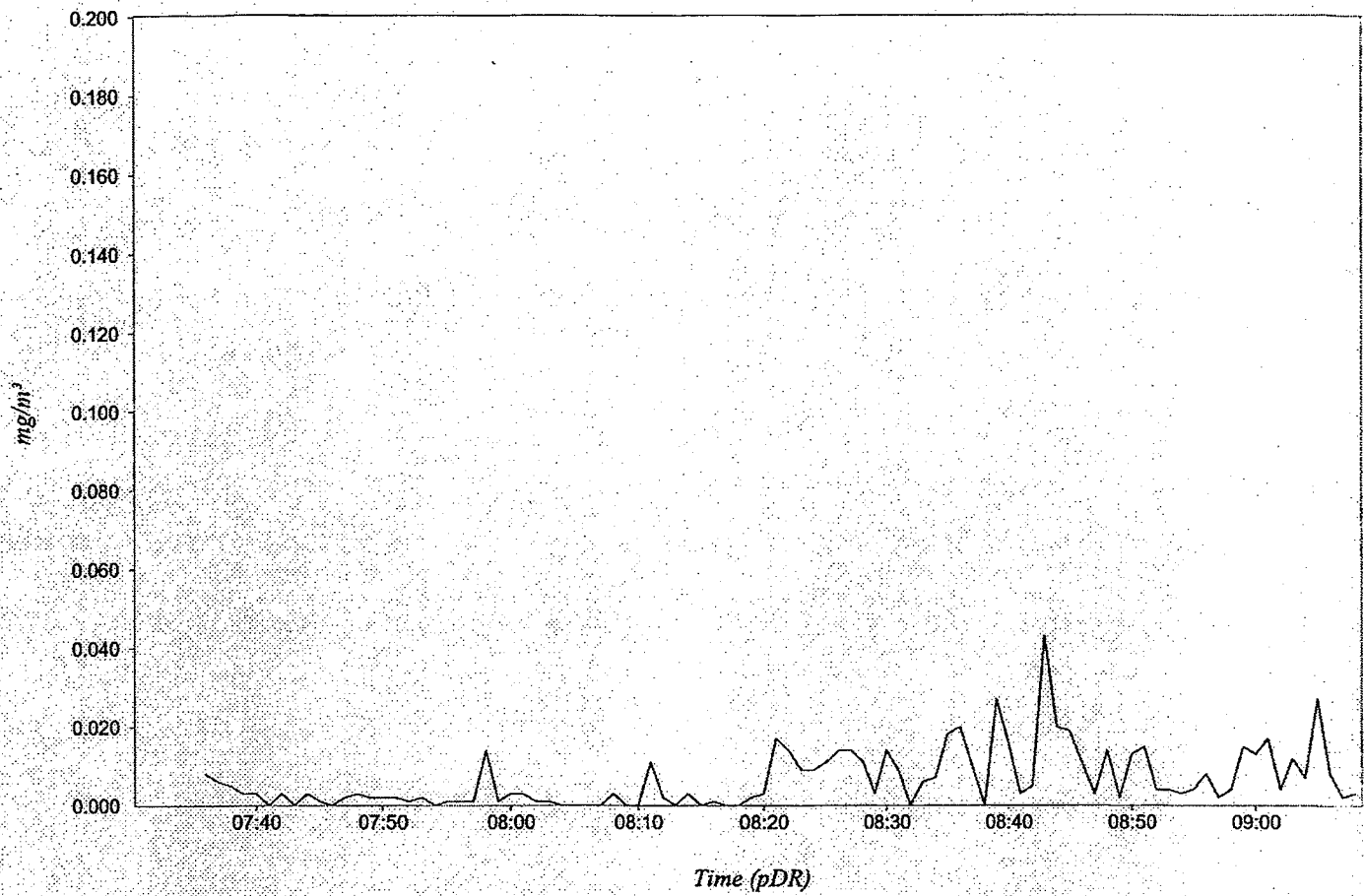
APPENDIX F

WASTE CHARACTERIZATION SAMPLE RESULTS

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-03
Test:	TCLP ICP Metals	**SDG ID:**	Y3335
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	P1070507

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7440-38-2	Arsenic	53.5	J	ug/L	31.0	100	1	
7440-39-3	Barium	659		ug/L	31.0	500	1	
7440-43-9	Cadmium	ND	U	ug/L	9.000	100	1	
7440-47-3	Chromium	7.500	J	ug/L	6.000	50.0	1	
7439-92-1	Lead	354		ug/L	19.0	60.0	1	
7782-49-2	Selenium	ND	U	ug/L	21.0	100	1	
7440-22-4	Silver	46.7	J	ug/L	6.000	50.0	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-03
Test:	TCLP Mercury	**SDG ID:**	Y3335
Analytical Method:	EPA SW-846 7470 - HG	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	070507a1

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	ND	U	ug/L	1.1	2.0	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-02
Test:	Metals Group3	**SDG ID:**	Y3335
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	9.60
Result Type:	Final	**Datafile:**	P1070607

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7440-36-0	Antimony	ND	U	mg/Kg	0.376	2.770	1	
7440-38-2	Arsenic	6.830		mg/Kg	0.221	1.110	1	
7440-39-3	Barium	17.2		mg/Kg	0.166	5.530	1	
7440-41-7	Beryllium	0.095	J	mg/Kg	0.011	0.332	1	
7440-43-9	Cadmium	0.125	J	mg/Kg	0.066	1.110	1	
7440-50-8	Copper	40.4		mg/Kg	0.144	1.110	1	
7439-92-1	Lead	263		mg/Kg	0.155	0.664	1	
7440-02-0	Nickel	3.770		mg/Kg	0.133	2.210	1	
7440-28-0	Thallium	ND	U	mg/Kg	2.090	2.210	1	
7440-66-6	Zinc	51.3		mg/Kg	1.180	2.210	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	Date Collected:	06/28/07
Project ID:	LIRR Yapank	Date Received:	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	Lab Sample ID:	Y3335-02
Test:	VOC- Chemtech Full	SDG ID:	Y3335
Analytical Method:	EPA SW846 8260	% Moisture:	10.00
Result Type:	Final	Datafile:	VK017896

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
75-71-8	Dichlorodifluoromethane	ND	U	ug/Kg	4.7	28	1	
74-87-3	Chloromethane	ND	U	ug/Kg	4.7	28	1	
75-01-4	Vinyl Chloride	ND	U	ug/Kg	4.5	28	1	
74-83-9	Bromomethane	ND	U	ug/Kg	11	28	1	
75-00-3	Chloroethane	ND	U	ug/Kg	12	28	1	
75-69-4	Trichlorofluoromethane	ND	U	ug/Kg	6.9	28	1	
75-65-0	Tert butyl alcohol	ND	U	ug/Kg	9.0	140	1	
75-35-4	1,1-Dichloroethene	ND	U	ug/Kg	3.2	28	1	
107-02-8	Acrolein	ND	U	ug/Kg	28	140	1	
107-13-1	Acrylonitrile	ND	U	ug/Kg	10	140	1	
67-64-1	Acetone	ND	U	ug/Kg	18	140	1	
75-15-0	Carbon Disulfide	ND	U	ug/Kg	2.0	28	1	
1634-04-4	Methyl tert-butyl Ether	ND	U	ug/Kg	2.0	28	1	
75-09-2	Methylene Chloride	59		ug/Kg	10	28	1	
156-60-5	trans-1,2-Dichloroethene	ND	U	ug/Kg	3.5	28	1	
108-05-4	Vinyl Acetate	ND	U	ug/Kg	7.2	140	1	
75-34-3	1,1-Dichloroethane	ND	U	ug/Kg	1.5	28	1	
78-93-3	2-Butanone	ND	U	ug/Kg	16	140	1	
56-23-5	Carbon Tetrachloride	ND	U	ug/Kg	2.4	28	1	
594-20-7	2,2-Dichloropropane	ND	U	ug/Kg	1.8	28	1	
156-59-2	cis-1,2-Dichloroethene	ND	U	ug/Kg	1.8	28	1	
74-97-5	Bromochloromethane	ND	U	ug/Kg	3.2	28	1	
67-66-3	Chloroform	ND	U	ug/Kg	1.9	28	1	
71-55-6	1,1,1-Trichloroethane	ND	U	ug/Kg	2.3	28	1	
563-58-6	1,1-Dichloropropene	ND	U	ug/Kg	2.2	28	1	
71-43-2	Benzene	ND	U	ug/Kg	2.2	28	1	
107-06-2	1,2-Dichloroethane	ND	U	ug/Kg	1.7	28	1	
79-01-6	Trichloroethene	ND	U	ug/Kg	1.7	28	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	Date Collected:	06/28/07
Project ID:	LIRR Yapank	Date Received:	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	Lab Sample ID:	Y3335-02
Test:	VOC- Chemtech Full	SDG ID:	Y3335
Analytical Method:	EPA SW846 8260	% Moisture:	10.00
Result Type:	Final	DataFile:	VK017896

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
78-87-5	1,2-Dichloropropane	ND	U	ug/Kg	2.2	28	1	
74-95-3	Dibromomethane	ND	U	ug/Kg	1.5	28	1	
75-27-4	Bromodichloromethane	ND	U	ug/Kg	1.8	28	1	
108-10-1	4-Methyl-2-Pentanone	ND	U	ug/Kg	11	140	1	
108-88-3	Toluene	ND	U	ug/Kg	2.2	28	1	
10061-02-6	t-1,3-Dichloropropene	ND	U	ug/Kg	2.0	28	1	
10061-01-5	cis-1,3-Dichloropropene	ND	U	ug/Kg	1.8	28	1	
79-00-5	1,1,2-Trichloroethane	ND	U	ug/Kg	1.6	28	1	
142-28-9	1,3-Dichloropropane	ND	U	ug/Kg	2.1	28	1	
110-75-8	2-Chloroethyl vinyl ether	ND	U	ug/Kg	8.3	140	1	
591-78-6	2-Hexanone	ND	U	ug/Kg	20	140	1	
124-48-1	Dibromochloromethane	ND	U	ug/Kg	1.3	28	1	
106-93-4	1,2-Dibromoethane	ND	U	ug/Kg	2.2	28	1	
127-18-4	Tetrachloroethene	ND	U	ug/Kg	4.0	28	1	
108-90-7	Chlorobenzene	ND	U	ug/Kg	2.0	28	1	
630-20-6	1,1,1,2-Tetrachloroethane	ND	U	ug/Kg	2.3	28	1	
100-41-4	Ethyl Benzene	ND	U	ug/Kg	1.9	28	1	
126777-61-2	m/p-Xylenes	ND	U	ug/Kg	4.8	55	1	
95-47-6	o-Xylene	ND	U	ug/Kg	2.1	28	1	
100-42-5	Styrene	ND	U	ug/Kg	2.5	28	1	
75-25-2	Bromoform	ND	U	ug/Kg	1.7	28	1	
98-82-8	Isopropylbenzene	ND	U	ug/Kg	2.3	28	1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	U	ug/Kg	1.7	28	1	
96-18-4	1,2,3-Trichloropropane	ND	U	ug/Kg	1.8	28	1	
108-86-1	Bromobenzene	ND	U	ug/Kg	2.3	28	1	
103-65-1	n-propylbenzene	ND	U	ug/Kg	2.9	28	1	
95-49-8	2-Chlorotoluene	ND	U	ug/Kg	2.3	28	1	
108-67-8	1,3,5-Trimethylbenzene	ND	U	ug/Kg	2.7	28	1	

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-02
Test:	VOC- Chemtech Full	**SDG ID:**	Y3335
Analytical Method:	EPA SW846 8260	**% Moisture:**	10.00
Result Type:	Final	**DataFile:**	VK017896

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
106-43-4	4-Chlorotoluene	ND	U	ug/Kg	2.4	28	1	
98-06-6	tert-Butylbenzene	ND	U	ug/Kg	3.9	28	1	
95-63-6	1,2,4-Trimethylbenzene	ND	U	ug/Kg	2.1	28	1	
135-98-8	sec-Butylbenzene	ND	U	ug/Kg	2.3	28	1	
99-87-6	p-Isopropyltoluene	ND	U	ug/Kg	2.3	28	1	
541-73-1	1,3-Dichlorobenzene	ND	U	ug/Kg	3.1	28	1	
106-46-7	1,4-Dichlorobenzene	ND	U	ug/Kg	3.0	28	1	
104-51-8	n-Butylbenzene	ND	U	ug/Kg	1.9	28	1	
95-50-1	1,2-Dichlorobenzene	ND	U	ug/Kg	2.1	28	1	
96-12-8	1,2-Dibromo-3-Chloropropane	ND	U	ug/Kg	5.2	28	1	
120-82-1	1,2,4-Trichlorobenzene	ND	U	ug/Kg	3.8	28	1	
87-68-3	Hexachlorobutadiene	ND	U	ug/Kg	2.2	28	1	
91-20-3	Naphthalene	ND	U	ug/Kg	3.2	28	1	
87-61-6	1,2,3-Trichlorobenzene	ND	U	ug/Kg	5.6	28	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-02
Test:	SVOC-PAH	**SDG ID:**	Y3335
Analytical Method:	EPA SW-846 8270	**% Moisture:**	10.00
Result Type:	Final	**Datafile:**	BE041721

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
91-20-3	Naphthalene	68	J	ug/Kg	62	360	1	
208-96-8	Acenaphthylene	ND	U	ug/Kg	59	360	1	
83-32-9	Acenaphthene	ND	U	ug/Kg	65	360	1	
86-73-7	Fluorene	ND	U	ug/Kg	62	360	1	
85-01-8	Phenanthrene	190	J	ug/Kg	58	360	1	
120-12-7	Anthracene	ND	U	ug/Kg	55	360	1	
206-44-0	Fluoranthene	330	J	ug/Kg	54	360	1	
129-00-0	Pyrene	280	J	ug/Kg	65	360	1	
56-55-3	Benzo(a)anthracene	140	J	ug/Kg	51	360	1	
218-01-9	Chrysene	230	J	ug/Kg	66	360	1	
205-99-2	Benzo(b)fluoranthene	290	J	ug/Kg	40	360	1	
207-08-9	Benzo(k)fluoranthene	93	J	ug/Kg	81	360	1	
50-32-8	Benzo(a)pyrene	150	J	ug/Kg	59	360	1	
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	ug/Kg	46	360	1	
53-70-3	Dibenz(a,h)anthracene	ND	U	ug/Kg	46	360	1	
191-24-2	Benzo(g,h,i)perylene	160	J	ug/Kg	60	360	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Envirotrac Environmental Services**	**Date Collected:**	06/28/07
Project ID:	**LIRR Yapank**	**Date Received:**	06/29/07
Customer Sample No.:	**2-SOILSAFELOGAN**	**Lab Sample ID:**	Y3335-02
Test:	**PCB**	**SDG ID:**	Y3335
Analytical Method:	**EPA SW-846 8082**	**% Moisture:**	10.00
Result Type:	**Final**	**Datafile:**	P6005479

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
12674-11-2	Aroclor-1016	ND	U	ug/Kg	2.8	19	1	
11104-28-2	Aroclor-1221	ND	U	ug/Kg	4.3	19	1	
11141-16-5	Aroclor-1232	ND	U	ug/Kg	6.4	19	1	
53469-21-9	Aroclor-1242	ND	U	ug/Kg	5.7	19	1	
12672-29-6	Aroclor-1248	ND	U	ug/Kg	2.8	19	1	
11097-69-1	Aroclor-1254	ND	U	ug/Kg	1.8	19	1	
11096-82-5	Aroclor-1260	ND	U	ug/Kg	4.6	19	1	

TABULATED RESULTS
TOTAL PETROLEUM HYDROCARBONS
(C8-C40)

Client: ENVIROTRAC ENVIRONMENTAL SERVICES	**PrepBatch:** PB27589	
Project: LIRR YAPANK	**Matrix** SOIL	
Collection Date: 6/28/2007	**Lab Project:** Y3335	
Extraction Date: 7/5/2007	**Lab Sample ID** Y3335-02	
Initial Wt/Vol: 15.03	**Lab File ID:** P9006181.D	
Final Wt/Vol: 1	**Analyst:** JJ	
Percent Solids 90.4	**Received Date:** 06/29/07	
Dilution Factor: 1	**Analysis Date:** 07/06/07	

Client ID	Parameter	Results	Qual	MDL	Units
2-SOILSAFELOGAN	TPH GC	117000		6255.92	ug/Kg

CHEMTECH
284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	2-SOILSAFELOGAN	**Lab Sample ID:**	Y3335-02
Test:	Paint Filter	**SDG ID:**	Y3335
Analytical Method:	9095 Paint Filter	**% Moisture:**	9.60
Result Type:	Final	**Datafile:**	LB34337

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
	Paint Filter	<1.0		ml/100g	1.0	1.0	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Envirotrac Environmental Services	**Date Collected:**	06/28/07
Project ID:	LIRR Yapank	**Date Received:**	06/29/07
Customer Sample No.:	1-STOCKPILE	**Lab Sample ID:**	Y3335-01
Test:	TCLP ICP Metals	**SDG ID:**	Y3335
Analytical Method:	EPA SW-846 6010 - ICP1	**% Moisture:**	100.00
Result Type:	Final	**Datafile:**	P1070507

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7440-38-2	Arsenic	ND	U	ug/L	31.0	100	1	
7440-39-3	Barium	162	J	ug/L	31.0	500	1	
7440-43-9	Cadmium	ND	U	ug/L	9.000	100	1	
7440-47-3	Chromium	18.8	J	ug/L	6.000	50.0	1	
7439-92-1	Lead	12400		ug/L	19.0	60.0	1	
7782-49-2	Selenium	ND	U	ug/L	21.0	100	1	
7440-22-4	Silver	64.1		ug/L	6.000	50.0	1	

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**Envirotrac Environmental Services**	**Date Collected:**	06/28/07
Project ID:	**LIRR Yapank**	**Date Received:**	06/29/07
Customer Sample No.:	**1-STOCKPILE**	**Lab Sample ID:**	Y3335-01
Test:	**TCLP Mercury**	**SDG ID:**	Y3335
Analytical Method:	**EPA SW-846 7470 - HG**	**% Moisture:**	100.00
Result Type:	**Final**	**Datafile:**	0706hgfx

CAS Number	Parameter	Results	Qualifier	Units	DL	RT/RL	DF	DIL/RE
7439-97-6	Mercury	ND	U	ug/L	1.1	2.0	1	

APPENDIX G

WASTE MANIFESTS AND DISPOSAL DOCUMENTATION

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000145193	2. Page 1 of 1	3. Emergency Response Phone 616-616-4705	4. Manifest Tracking Number **002771168 JJK**

5. Generator's Name and Mailing Address
MTA/Long Island Rail Road
90-17 Sutphin Blvd.
Jamaica, NY 11436
Generator's Phone: 718-558-2620

Generator's Site Address (if different than mailing address)
458 River Road
Yaphank, NY 11750

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054126184

7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address , Inc.
Clean Earth of N.J., Inc.-115 Jacobus Avenue
South Kearny, NJ 07032
Facility's Phone: 973-344-4004

U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	CM	20	T	D008	T	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
(9b.1) JET 009

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year

16. International Shipments	☐ Import to U.S.	☐ Export from U.S.	Port of entry/exit:	
Transporter signature (for exports only):			Date leaving U.S.:	

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Brian Burns	Brian Burns	10	31	07
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space	☐ Quantity	☐ Type	☐ Residue	☐ Partial Rejection	☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.   **GENERATOR'S INITIAL COPY**

ease print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000146193	2. Page 1 of 1	3. Emergency Response Phone 516-810-4705	4. Manifest Tracking Number 002771169 JJK

5. Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)
NY Arresting Resident Raw Road 90-17 Sutphin Blvd. Jamaica, NY 11435	405 River Road Yaphank, NY 11780

Generator's Phone: 718-658-2620

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054128104

7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address, Inc. Clean Earth of NJ, Inc.-115 Jacobus Avenue South Kearny, NJ 07032	U.S. EPA ID Number NJD991291105

Facility's Phone: 973-344-4004

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	CM	EST 20	T	D008	T	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
95.1 IRT 099

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month 7	Day	Year

16. International Shipments	☐ Import to U.S.	☐ Export from U.S.	Port of entry/exit:
Transporter signature (for exports only):			Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space	☐ Quantity	☐ Type	☐ Residue	☐ Partial Rejection	☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)	U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000145103	2. Page 1 of 1	3. Emergency Response Phone 516-616-4765	4. Manifest Tracking Number 002771170 JJK

5. Generator's Name and Mailing Address
90-17 Sutphin Blvd.
Jamaica, NY 11435

Generator's Phone: 718-658-2820

Generator's Site Address (if different than mailing address)
456 River Road
Yaphank, NY 11780

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054122104

7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address, Inc.
Clean Earth of NJ, Inc.-115 Jacobus Avenue
South Kearny, NJ 07032
973-344-4004

U.S. EPA ID Number NJD991201105

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead Oxide) ERG#171	01	CM	20	T	T
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
JET 007

Box# 9959
DC cal# 087025

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Stephen Tewes for Anthony Ivan	Signature Stephen Tewes	Month 07	Day 13	Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ___
Transporter signature (for exports only): ___ Date leaving U.S.: ___

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name AL JOHNSON	Signature al john	Month 07	Day 13	Year 07
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)	U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000145193	2. Page 1 of 1	3. Emergency Response Phone 516-816-4765	4. Manifest Tracking Number 002771171 JJK

5. Generator's Name and Mailing Address
MTA Long Island Rail Road
90-17 Sutphin Blvd.
Jamaica, NY 11435

Generator's Phone: 718-558-2920

Generator's Site Address (if different than mailing address)
455 River Road
Yaphank, NY 11780

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054125164
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address, Inc.
Clean Earth of NJ, Inc.-115 Jacobus Avenue
South Kearny, NJ 07032

Facility's Phone: 973-344-4004

U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	cn	54 20	T	D008	T	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
2b.1) TRF039
TRF094

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Paul Hutchison for Andrew Wilson	Signature Paul Hutchison	Month 7	Day 16	Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____
Transporter signature (for exports only): _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Ralph Congalosi	Signature Ralph Congalosi	Month 07	Day 16	Year 07
Transporter 2 Printed/Typed Name	Signature	Month 0	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year

PA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _LIRR_ Generator Site/Location _____

Address _45B River Rd Yaphank_ Address _____

Long Island

Phone No. _718 558 2820_ Phone No. _ID 112_

Approval Number	Description of Material
L4 4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
GROSS      43.96 T
TARE       13.40 GROSS
RECALLED
NET        30.56 T TARE
LOG 60
07/20/2007        NET
12:31PM
                TONNAGE
```

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 is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _Paul Martorano for Andrew Wilson_ Signature _Paul Martin_ Shipment Date _7/20/07_

TRANSPORTER

Transporter Name _T. Nicholas_ Driver Name (Print) _T Cesar Bemeanl_

Address _Landing 12T_ Vehicle License No. / State / EPA No. _AK660Y_

Truck Number _(112 S.S) 822_

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

Driver Signature Shipment Date _7-20-07_

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

Driver Signature Delivery Date _7-20-07_

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_ 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 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.

Name of Authorized Agent Signature _J. Cora_ Receipt Date _7-20-07_

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Connector   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _L/RR_

Generator Site/Location _____

Address _458 River Rd._

Address _____

YApbANK LT

_____

Phone No. _718 558 2620_

Phone No. _____

ID 167

Approval Number

_L44593_

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

GROSS   47.60 GROSS
TARE   13.84 TARE
RECALLED
NET   33.76 NET
LOG 65
07/20/2007
12:44PM   TONNAGE

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 is in proper condition for transportation according to applicable regulations.

Paul Martorano for Andrew Wilson   _Paul Martin_   _7-20-07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _J Nicholas_

Driver Name (Print) _ABSALON_

Address _Netcong_

Vehicle License No. / State / EPA No. _AK363T_

_____

Truck Number _167_

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.

_____ _7-20-07_

_____ _7-20-07_

Driver Signature   Shipment Date

Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____   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 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.

_____ _Coaro_   _7 20 07_

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _LIRR_

Address _458 River RD_

Yaphank, NY

Generator Site/Location _____

Address _SAME_

Phone No. _____

Phone No. ID _988_

Approval Number	Description of Material	GROSS	45.75 T	GROSS
4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	TARE 13.52 RECALLED NET 32.23 LOG 64 07/20/2007 12:46PM		TARE NET TONNAGE

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 is in proper condition for transportation according to applicable regulations.

Paul Marzano for Andrew Wilson

Generator Authorized Agent Name

Paul Marzano   _7/20/07_

Signature   Shipment Date

TRANSPORTER

Transporter Name _Nicholas J_

Address _14 Yellow Barn Ave_

Landing, NJ

Driver Name (Print) _Leo S._

Vehicle License No. / State / EPA No. _AK 5347_

Truck Number _999 - 816_

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

_S._ _7-20-7_

Driver Signature   Shipment Date

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

_S._ _7-20-7_

Driver Signature   Delivery Date

DESTINATION

Site Name Soil Safe, Inc.- Bridgeport

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 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.

J. Coara   _7 20 07_

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _LIRR_ Generator Site/Location _____

Address _River Rd._ Address _Same_

Yaphank LI

Phone No. _____ Phone No. _____

Approval Number	Description of Material		
_Ly_ _4593_	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated		

```
ID 167                         GROSS
GROSS          42.93 T
TARE           13.84 TTARE
RECALLED
NET            29.09 T NET
LOG 53
07/23/2007              TONNAGE
12:37PM
```

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 is in proper condition for transportation according to applicable regulations.

Andrew Wilson   _[signature]_   _7-23-07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _J Nicholas_   Driver Name (Print) _ABSALON_

Address _Netcong_   Vehicle License No. / State / EPA No. _AB363T_

Truck Number _167_

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

[signature]   _7-23-07_
Driver Signature   Shipment Date

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

[signature]   _7-23-07_
Driver Signature   Delivery Date

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_   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 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.

[signature]   _07/23/07_
Name of Authorized Agent   Signature   Receipt Date

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____LIRM_____   Generator Site/Location _____

Address _____   Address _____458 River Rd_____

_____Yarrance IRM_____   _____Yaphant LI_____

Phone No. _____   Phone No. _____

| Approval Number LY 4593 | Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated | ID 539 GROSS
GROSS   42.93 T TARE
TARE   14.35 T
RECALLED
NET 54 28.58 T NET
590 23/2007
12:39PM TONNAGE |

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 is in proper condition for transportation according to applicable regulations.

_____A. nel Wes __   _____   7/23/07

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _Nicholas J_   Driver Name (Print) _Alvaro Gonzalez_

Address _Netcong NJ_   Vehicle License No. / State / EPA No. _AK 364 T N_

_____   Truck Number _831_   _(539)_

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

_____   7-23-07
Driver Signature   Shipment Date

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

_____   7-23-07
Driver Signature   Delivery Date

DESTINATION

Site Name _____Soil Safe, Inc. - Bridgeport_____   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 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.

_____Mad_____   _____02/23/07
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _LIRR_   Generator Site/Location _____

Address _458 RIVER RD_   Address _____

LONG ISLAND NY   _____

Phone No. _____   Phone No. _____

Approval Number	Description of Material	
4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	ID 801 GROSS GROSS 42.02 T TARE TARE 13.15 T RECALLED NET 28.87 T NET LOG 56 07/23/2007 TONNAGE 12:43PM

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 is in proper condition for transportation according to applicable regulations.

QJ Wilson   _QW_   _7/23/07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _NICHOLAS J_   Driver Name (Print) _DIDIER TABORDA_

Address _LANDING NJ_   Vehicle License No. / State / EPA No. _AJ385 V_

_____   Truck Number _85J - (801)_

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.

DIDIER TABORDA 7-23-07   _DIDIER TABORDA 7-23-07_

Driver Signature   Shipment Date   Driver Signature   Delivery Date

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_   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 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.

Mark   _07/23/07_

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name L I RR

Address River Road

Yaphank Site

Phone No. _____

Generator Site/Location _____

Address 458 River Rd.

Yaphank N.Y.

Phone No. _____

Approval Number	Description of Material
Lu - 4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
  ID 698              GROSS
  GROSS     41.76  TARE
  TARE      12.49  T
RECALLED            NET
  NET       29.27  T
  LOG 68          TONNAGE
  07/23/2007
  01:13PM
```

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 is in proper condition for transportation according to applicable regulations.

Andrew Wilson _____ 4/23/07

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name Rainbow Corp.

Address Hackettstown N.J.

_____

Driver Name (Print) Jorge Montaner

Vehicle License No. / State / EPA No. AL815A

Truck Number 805   698

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

_____ 7/23/07

Driver Signature   Shipment Date

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

_____ 7/23/07

Driver Signature   Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport

Address 378 Route 130 Logan Township, NJ 08085

Phone No. 1-856-467-8030

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.

_____ 07/23/07

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ LIRC _____   Generator Site/Location _____

Address _458 River Rd_   Address _____

Yaphank, Long Island   _____

Phone No. _____   Phone No. _____

Approval Number	Description of Material	
L4 4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	ID 112 GROSS 42.56 GROSS TARE 13.40 T RECALLED TARE NET 29.16 T NET LOG 69 07/23/2007 01:15PM TONNAGE

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 is in proper condition for transportation according to applicable regulations.

Andrew Wilson   _[signature]_   _7/23/07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _T. Nicholas_   Driver Name (Print) _T. Cesar Bermeo_

Address _Landing LIT_   Vehicle License No. / State / EPA No. _AK66081_

_____   Truck Number _(112 S.S) 822_

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.

[signature]   _7-23-07_   _[signature]_   _7-23-07_

Driver Signature   Shipment Date   Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____   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 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.

[signature]   _07/23/07_

Name of Authorized Agent   Signature   Receipt Date

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name __L.I.R.R.__   Generator Site/Location _____

Address __458 RIVER RD__   Address _____

__YAPHANK L.I__   __SAME__

Phone No. _____   Phone No. _____

Approval Number	Description of Material
4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
ID 801
GROSS                        GROSS
TARE          41.11  +       TARE
RECALLED      13.15          
NET           27.96  T       NET
LOG  25
07/25/2007                   TONNAGE
12:01PM
```

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 is in proper condition for transportation according to applicable regulations.

__Stephen Taus__   __Stephen Taus for A.W.Torr__   __7/25/07__
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name __NICHOLAS J__   Driver Name (Print) __DIDIER TABORDA__

Address __LANDING NJ__   Vehicle License No. / State / EPA No. __AJ38SV__

_____   Truck Number __BST - (801)__

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.

__DIDIER TABORDA__ __07-25-07__   __DIDIER TABORDA__ __07-25-07__
Driver Signature   Shipment Date   Driver Signature   Delivery Date

DESTINATION

Site Name ____Soil Safe, Inc. - Bridgeport____   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 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.

_____   _____   __07/25/07__
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location __L.I.R.R__

Address _____ Address __458 River Rd__

_____ __Yaphant L.I__

Phone No. _____ Phone No. _____

Approval Number	Description of Material
C4 4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
ID 539                        GROSS  T
GROSS          39.68        TTARE
TARE           14.35
RECALLED
NET            25.33        T NET
LOG 26
07/25/2007                  TONNAGE
12:03PM
```

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 is in proper condition for transportation according to applicable regulations.

__Stephen Taus__   __Stephn Taus   Rc A.Wilson   7/25/07__

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name __Nicholas J__   Driver Name (Print) __Alvaro Gonzalez__

Address __Netcong NJ__   Vehicle License No. / State / EPA No. __AL364T NJ__

_____   Truck Number __831__   __539__

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

__[signature]__   __7-25-07__

Driver Signature   Shipment Date

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

__[signature]__   __7-25-07__

Driver Signature   Delivery Date

DESTINATION

Site Name __Soil Safe, Inc. - Bridgeport__   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 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.

_____   __Mxl__   __07/25/07__

Name of Authorized Agent   Signature   Receipt Date

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number

Generator Name _____   Generator Site/Location _____

Address _458 River Rd, Yaphank_   Address _____

Long Island _____

Phone No. _____   Phone No. _____

Approval Number
L4
4593

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

```
ID  112
GROSS      41.26  GROSS
TARE       13.40  TARE
RECALLED
NET        27.86  NET
LOG  98
07/25/2007        TONNAGE
12:16PM
```

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 is in proper condition for transportation according to applicable regulations.

Stephen Taus   _Stephen Taus for A. Wilson_   _7/25/07_
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _J. Nicholas_   Driver Name (Print) _J Cesar Berrio_

Address _Landing NJ_   Vehicle License No. / State / EPA No. _AK6601_

Truck Number _(112 85) 822_

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

[signature]   _7-25-07_
Driver Signature   Shipment Date

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

[signature]   _7-25-0_
Driver Signature   Delivery Date

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_   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 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.

_____   _Mark_   _07/25/07_
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location __LI RR__

Address _____ Address __4&8 River Road.__

_____ __YAPHANK N.Y.__

Phone No. _____ Phone No. _____

Approval Number	Description of Material	
L4-4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	ID 698 GROSS 39.59 TARE TARE 12.49 T RECALLED NET 27.10 T NET LOG 80 07/25/2007 12:26PM GROSS TONNAGE

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 is in proper condition for transportation according to applicable regulations.

X _Stephen Tave_ _____ _____ 7/15/67

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name __Rainbow corp.__   Driver Name (Print) __Josce Monthwor__

Address __Hackettstown N.J.__   Vehicle License No. / State / EPA No. __AL-315A__

_____   Truck Number __825__   __698__

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

_____ 7/25/07

Driver Signature   Shipment Date

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

_____ 7/25/07

Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____ 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 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.

_____ _____ 07/25/07

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name __LIer__   Generator Site/Location _____

Address __458 River rd__   Address _____

__Yaphank Long Island__   _____

Phone No. _____   Phone No. _____

Approval Number L4 4593	Description of Material	ID 112
	Non-Regulated Petroleum Contaminated Soil	GROSS 40.08 GROSS
		TARE 13.40 T TARE
		RECALLED
	Non DOT/RCRA Regulated	NET 26.68 T NET
		LOG SS
		07/27/2007
		12:16PM TONNAGE

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 is in proper condition for transportation according to applicable regulations.

__Andrea Wilson__ _____ __7/27/07__
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name __J. Nicholas__   Driver Name (Print) __J. Cesar Bermeo__

Address __Landing NJ__   Vehicle License No. / State / EPA No. __Ak 660x1__

_____   Truck Number __(112 S.S) 822__

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

_____ __8-27-07__
Driver Signature   Shipment Date

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

_____ __8-27-07__
Driver Signature   Delivery Date

DESTINATION

Site Name __Soil Safe, Inc. - Bridgeport__   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 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.

_____ _____ __07/27/07__
Name of Authorized Agent   Signature   Receipt Date

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ L I RR _____   Generator Site/Location _____

Address _____ 45F River Rd _____   Address _____

_____ Kephcnk CI _____   _____

Phone No. _____   Phone No. _____

Approval Number	Description of Material	ID 148
4573	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	GROSS 42.59 GROSS TARE 13.05 TARE RECALLED NET 69 29.54 T NET 07/27/2007 01:55PM TONNAGE

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 is in proper condition for transportation according to applicable regulations.

_____ Andrew Wilson _____   _____ [signature] _____   _____ 7/27/07 _____
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _____ Rainbow _____   Driver Name (Print) _____ David French _____

Address _____ 123 Howard Dw). _____   Vehicle License No. / State / EPA No. _____ AJS607 _____

_____ Ledgewood NJ _____   Truck Number _____ 82c /148 _____

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

_____ [signature] _____ 7/27 _____
Driver Signature   Shipment Date

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

_____ [signature] _____ 7/27 _____
Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____   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 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.

_____   _____ [signature] _____   _____ 07/27/07 _____
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name __LIRR__

Address __458 River RD__

__Yaphank NY__

Phone No. _____

Generator Site/Location _____

Address _____

_____

Phone No. _____

Approval Number	Description of Material
24 4593	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
ID 401
GROSS        44.33  GROSS
TARE         14.11  T
RECALLED            TARE
NET          30.22  T
                    NET
LOG 20
07/27/2007
01:58PM             TONNAGE
```

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 is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name __Andrew Wilson__

Signature

Shipment Date __7/27/07__

TRANSPORTER

Transporter Name __Rainbow (JPC)__

Address __Howard Blvd__

__Mt. Arlington   CT__

Driver Name (Print) __Mik__

Vehicle License No. / State / EPA No. __A?-973C__

Truck Number __861 JPC - 401 Soil__

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

Driver Signature

Shipment Date __7-27-07__

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

Driver Signature

Delivery Date __7-27-07__

DESTINATION

Site Name __Soil Safe, Inc. - Bridgeport__

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 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.

Name of Authorized Agent

Signature

Receipt Date __07/27/07__

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _LIRR_   Generator Site/Location _Yaphank L.I_

Address _River Road_   Address _458 River Rd_

Yaphank, NY

Phone No. _____   Phone No. _____

| Approval Number _L4_ _4593_ | Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated | ID 476
GROSS   40.78   GROSS
TARE   12.26   T   TARE
RECALLED
NET   28.52   T   NET
LOG 77
07/27/2007
02:46PM   TONNAGE |

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 is in proper condition for transportation according to applicable regulations.

Andrew Wilson _____ _AWil_ _____ _7/27/07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _Rainbow Trans_   Driver Name (Print) _Willy_

Address _Westbury NY_   Vehicle License No. / State / EPA No. _AK535V_

Truck Number _802 / 476_

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

[signature] _7-27-07_   _[signature]_ _7-27-07_

Driver Signature   Shipment Date   Driver Signature   Delivery Date

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

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_   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 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.

_____ _[signature]_ _____ _07/27/7_

Name of Authorized Agent   Signature   Receipt Date

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address _____ Address 458 River Rd.

_____ Yaphank N.Y.

Phone No. _____ Phone No. _____

Approval Number 4-4593

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

```
ID 698
GROSS        44.78 T   GROSS
TARE         12.49 T   TARE
RECALLED
NET          32.29 T   NET
LOG 9
07/30/2007            TONNAGE
11:40AM
```

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 is in proper condition for transportation according to applicable regulations.

X Rob Bauer _____ 7-30-07

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name Rainbow Corp.   Driver Name (Print) Josce Montanez

Address Hackettstown N.J.   Vehicle License No. / State / EPA No. AL-21SA

_____   Truck Number 825 698

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

_____ 7/30/07

Driver Signature   Shipment Date

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

_____ 7/30/07

Driver Signature   Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport   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 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.

_____ _____ 02/30/07

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Log Number

Generator Name _____   Generator Site/Location _____

Address _____ Yaphank _____   Address _____

_____ 458 River Rd Long Island _____   _____

Phone No. _____   Phone No. _____

Approval Number	Description of Material	ID-112
44	Non-Regulated Petroleum Contaminated Soil	GROSS 44.21 GROSS T
4593	Non DOT/RCRA Regulated	TARE 13.40 T RECALLED TARE
		NET 30.81 T NET
		LOG 12
		07/30/2007
		11:51AM TONNAGE

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 is in proper condition for transportation according to applicable regulations.

_____ Agent for LIRR Andrew _____   _____ 7-30-07 _____
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _____ J Nicholas _____   Driver Name (Print) _____ J Cesar Bermeo _____

Address _____ Landing NJ _____   Vehicle License No. / State / EPA No. _____ AK660X0 _____

_____   Truck Number _____ (112 S.S) 822 _____

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

_____   _____ 7-30-07 _____
Driver Signature   Shipment Date

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

_____   _____ 7-30-07 _____
Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____   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 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.

_____   _____ 07/30/07 _____
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name

Address _468 River Road_
Yaphank LI, NY

Phone No. _____

Generator Site/Location

Address _Same_

_____

Phone No. _____

Approval Number	Description of Material
_24_ _4593_	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
ID  79
GROSS        41.30 GROSS
RECALLED
  TARE       13.57 TARE
  NET        27.73 T
                    NET
LOG  148
08/06/2007      TONNAGE
02:59PM
```

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 is in proper condition for transportation according to applicable regulations.

Stephen Toms _As A. Wilson_   _Steph Toms_   _8/6/07_
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _Rainbow Transport Corp_ Driver Name (Print) _Marc Lane_

Address _123 Howard Blvd._   Vehicle License No. / State / EPA No. _AK687T_
Ledgewood NJ 07850 Truck Number _#79_

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

Marc Lane · _8/6/07_

Driver Signature   Shipment Date

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

_____

Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____ 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 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.

_____ _Mark_ _08/06/07_
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

160 N5 23

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address 458 River Road   Address Same

Yaphank LI, NY

Phone No. _____ Phone No. _____

Approval
Number
24
4593

Description of Material

Non-Regulated Petroleum
Contaminated Soil

Non DOT/RCRA Regulated

```
ID .60
GROSS          45.19  GROSS
RECALLED
TARE          -14.27  TARE
NET            30.92  T  NET
LOG 151
08/06/2007
03:04PM              TONNAGE
```

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 is in proper condition for transportation according to applicable regulations.

Stephen Taus for R.Wilson   8/6/07
Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name Rainbow Transport Corp Driver Name (Print) Tim Hiler

Address 123 Howard Blvd   Vehicle License No. / State / EPA No. AK-345K

Ledgewood NJ 07850 Truck Number Hiler #60

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

Tim Hiler   8/6/07
Driver Signature   Shipment Date

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

_____ _____
Driver Signature   Delivery Date

DESTINATION

Site Name Soil Safe, Inc. - Bridgeport   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 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.

_____   08/06/07
Name of Authorized Agent   Signature   Receipt Date

_74_
_42.20_

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Generator Site/Location _____

Address _458 River Road_ Address _SAME_

Yaphank L.I., N.Y. _____

Phone No. _____ Phone No. _ID .74_

Approval Number _24_ _4593_	**Description of Material** Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
GROSS        42.20 T  GROSS
RECALLED
TARE         13.02 T  TARE
NET          29.18 T  NET
LOG 153
08/06/2007            TONNAGE
03:07PM
```

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 is in proper condition for transportation according to applicable regulations.

Agent for LIRb _Andrew_ _8-6-07_

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _Rainbow Transport Corp_ Driver Name (Print) _G Trasa k_

Address _123 Howard Blvd._ Vehicle License No. / State / EPA No. _AK-69 T_

Ledgewood NJ 07850 Truck Number _#74_

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

[signature] _8/6/07_

Driver Signature   Shipment Date

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

Driver Signature   Delivery Date

DESTINATION

Site Name _____ Soil Safe, Inc. - Bridgeport _____ 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 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.

[signature] _08/06/07_

Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____   Generator Site/Location _____

Address _458 River Rd_   Address _____

Yaphank LI

Phone No. _____   Phone No. _____

Approval Number	Description of Material
L4 4893	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated

```
ID   167
GROSS         42.47  T      GROSS
TARE          13.84  T      TARE
RECALLED
NET           28.63  T NET
LOG  60
08/18/2007               TONNAGE
11:55AM
```

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 is in proper condition for transportation according to applicable regulations.

X _(signature)_   Adrew Wilson –Lier   8-16-07

Generator Authorized Agent Name   Signature   Shipment Date

TRANSPORTER

Transporter Name _Nicholo_   Driver Name (Print) _ABSAON A_

Address _Netcong_   Vehicle License No. / State / EPA No. _AK363T_

                                   Truck Number _167 - (830)_

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

(signature)   8-16-07
Driver Signature   Shipment Date

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

(signature)   8-16-07
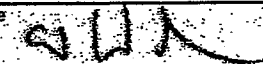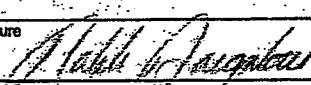Driver Signature   Delivery Date

DESTINATION

Site Name _Soil Safe, Inc. - Bridgeport_   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 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.

_____   J. Garcia   8-16-07
Name of Authorized Agent   Signature   Receipt Date

White - Facility   Green - Facility   Yellow - Generator   Pink - Broker   Goldenrod - Contractor   Blue - Trucking Co.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator ID Number NYR000145193 | 2. Page 1 of 1 | 3. Emergency Response Phone 513-816-4765 | 4. Manifest Tracking Number 002771196 JJK |

5. Generator's Name and Mailing Address
MTA/Long Island Rail Road
90-17 Sutphin Blvd.
Jamaica, NY 11435

Generator's Site Address (if different than mailing address)
458 River Road
Yaphank, NY 11780

Generator's Phone: 718-558-2020

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054128104
7. Transporter 2 Company Name	U.S. EPA ID Number
8. Designated Facility Name and Site Address, Inc. Clean Earth of NJ, Inc. - 115 Jacobus Avenue South Kearny, NJ 07032 Facility's Phone: 973-344-4004	U.S. EPA ID Number NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	CM	20	T	D008 T
	2.			(24T)		
	3.					
	4.					

14. Special Handling Instructions and Additional Information
96.1)BRT-000

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

| Generator's/Offeror's Printed/Typed Name Andrew Wilson | Signature W Wilson | Month 3 | Day 6 | Year 07 |

| 16. International Shipments | ☐ Import to U.S. | ☐ Export from U.S. | Port of entry/exit: |
| Transporter signature (for exports only): | | | Date leaving U.S.: |

17. Transporter Acknowledgment of Receipt of Materials

| Transporter 1 Printed/Typed Name Bill Burns | Signature Bill Burns | Month 08 | Day 16 | Year 07 |
| Transporter 2 Printed/Typed Name | Signature | Month | Day | Year |

18. Discrepancy

| 18a. Discrepancy Indication Space | ☑ Quantity | ☐ Type | ☐ Residue | ☐ Partial Rejection | ☐ Full Rejection |
Rec'd 43260 lbs
Manifest Reference Number:

| 18b. Alternate Facility (or Generator) RECEIVED PENDING MANIFEST | U.S. EPA ID Number |
Facility's Phone: REVIEW AND QUALITY CONTROL

| 18c. Signature of Alternate Facility (or Generator) | Month | Day | Year |

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

| Printed/Typed Name Doug Muriasi | Signature | Month 1 | Day 16 | Year 07 |

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000145183	2. Page 1 of 1	3. Emergency Response Phone 516-816-4785	4. Manifest Tracking Number 002771197 JJK

5. Generator's Name and Mailing Address
MTA/Long Island Rail Road
90-17 Sutphin Blvd.
Jamaica, NY 11435
Generator's Phone: 718-558-2620

Generator's Site Address (if different than mailing address):
458 River Road
Yaphank, NY 11780

6. Transporter 1 Company Name Freehold Cartage, Inc.	U.S. EPA ID Number NJD054128164

7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Earth of NJ, Inc. -115 Jacobus Avenue
South Kearny, NJ 07032
Facility's Phone: 973-344-4004

U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	CM	70	Y	D008	T	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
ERG#171-D08

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Alfred Wicast	Signature	Month 9	Day 16	Year 07

16. International Shipments	☐ Import to U.S.	☐ Export from U.S.	Port of entry/exit:	
Transporter signature (for exports only):			Date leaving U.S.:	

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Ralph Gargani	Signature Ralph Garganbai	Month 08	Day 16	Year 07
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity	☐ Type	☐ Residue	☐ Partial Rejection	☐ Full Rejection
Rec'd 46880 lbs		Manifest Reference Number:		

18b. Alternate Facility (or Generator)

RECEIVED PENDING MANIFEST
REVIEW AND QUALITY CONTROL

U.S. EPA ID Number

Facility's Phone:		
18c. Signature of Alternate Facility (or Generator)	Month	Day	Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name DOUG WINKLAST	Signature	Month 8	Day 16	Year 0

PA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Use print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number NYR000145193	2. Page 1 of 1	3. Emergency Response Phone 516-816-4785	4. Manifest Tracking Number 002771198 JJK

5. Generator's Name and Mailing Address
MTA/Long Island Rail Road
90-17 Sutphin Blvd.
Jamaica, NY 11435

Generator's Phone: 718-658-2820

Generator's Site Address (if different than mailing address)
458 River Road
Yaphank, NY 11780

6. Transporter 1 Company Name
Freehold Cartage, Inc.

U.S. EPA ID Number
NJD054129184

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Earth of North Jersey, Inc.
Clean Earth of NJ, Inc. 115 Jacobus Avenue
South Kearny, NJ 07032

Facility's Phone: 973-344-4004

U.S. EPA ID Number
NJD991291105

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	01	CM 20	Y		D008 T
	2.					
	3.					

[Illegible certification block]

Generator's/Offeror's Printed/Typed Name
Andrew Wood

Signature

Month 7 Day 16 Year 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Robert Deluca	Signature	Month 08 Day 16 Year 07
Transporter 2 Printed/Typed Name	Signature	Month 12 Day 4 Year 45

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Rec'd 47060 lbs
Manifest Reference Number:

18b. Alternate Facility (or Generator)

RECEIVED PENDING MANIFEST
REVIEW AND QUALITY CONTROL

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.
Printed/Typed Name Doug Muersi
Signature
Month 8 Day 16 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY