REMEDIAL INVESTIGATION REPORT FOR THE MARCON ERECTORS FACILITY BUFFALO, NEW YORK NYSDEC SPILL NO. 9507939

Date: October 7, 2005

Project No.: 37679487

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1.0 INTRODUCTION

This Remedial Investigation (RI) Report describes the results of an investigation conducted at the Marcon Erectors facility located at 1 Howell Street in Buffalo, New York (Site). The RI was conducted to determine the extent of petroleum-impacted soil previously identified at the Site. Petroleum impacted soil is currently being addressed under the New York State Oil Spill Program (Spill No. 9507939) as defined by the Navigation Law, Article 12, Title 176. A Work Plan for the RI was submitted to the New York State Department of Environmental Conservation (NYSDEC) in December 2004 and approved by the NYSDEC on January 10, 2005. The Work Plan was prepared in general accordance with the *NYSDEC Division of Environmental Remediation (DER) Draft DER-10, Technical Guidance for Site Investigation and Remediation*, December 2002 (DER-10).

The RI field activities were conducted between April 25 and May 12, 2005 and included:

- Completion of 32 subsurface soil borings and collection of 79 soil samples;
- Submittal of soil samples for laboratory analysis;
- Investigation of underground piping via test trenching; and
- Walk-through of portions of the first floor and basement of the Site facility.

The following documents are included as appendices to this RI Report:

- Citizen Participation Plan Fact Sheet;
- Boring logs;
- Air monitoring data;
- Waste manifest; and
- Petroleum fingerprint analysis laboratory report.

The soil and groundwater sample laboratory reports and chain of custody documentation from Severn Trent Laboratories (STL) are included in the Data Usability Summary Report (DUSR) submitted as a separate document due.

The RI was completed to further evaluate the nature and extent of previously identified petroleum hydrocarbon impacted soil beneath the Site and the immediately surrounding area for the purpose of evaluating possible interim remedial measures (IRMs) and remedial options.

2.0 BACKGROUND

2.1 Site Description

The Site, located in a mixed residential, commercial and industrial area of Buffalo, New York (**Figure 2-1**), is currently owned and occupied by Marcon Erectors, a manufacturer of reconditioned windows and doors. The Site is bounded on the north by residential development, on the east and south by public recreational areas and on the west by residential/commercial development (**Figure 2-2**). The Site lies approximately 120 feet north of Scajaquada Creek. Further east of the Site is a supermarket constructed in 1997 on a brownfield that formerly housed a multi-tenant light industrial complex (NYSDEC, 2002a). A public playground, school and two daycare facilities are located within an approximate 500-foot radius of the Site.

The Site occupies approximately 0.85 acres with chain-link fencing entirely surrounding the lot. The Site is accessed via a gate off of Howell Street located on the southwest portion of the property boundary and by another gate situated off a gravel road in the central portion of the northern property boundary. The Site is generally unpaved with either gravel road or grassy areas surrounding the main building. The land surface in the immediate vicinity of the Site is relatively flat and slopes gently to the south toward Scajaquada Creek. The ground surface elevation is approximately 599 feet above mean sea level (AMSL) in the northern portion of the Site and 595 feet AMSL in the southern portion.

The Site consists of a two story split-level brick and metal building, the collapsed remnants of a small brick structure (a former pump house) and an above-ground storage tank (AST) containment area surrounded by a 6-foot high concrete wall. According to a NYSDEC review of historical aerial photos dating from 1927 to 1995, several ASTs were previously located on the Site. The NYSDEC identified up to seven ASTs within the former concrete containment area and several other ASTs on the northern and southern portions of the property, outside the containment area. The approximate locations of these former and existing Site features are provided in **Figure 2-3**.

All ASTs remaining in the containment area were removed during NYSDEC investigations in 1999 and 2000 and the containment structure is no longer in use. The bottom of the former containment area consists of bare soil and the northern containment wall was removed and replaced with wooden fencing. During the RI, numerous piles of old window frames were stored against the outer walls of the Site building, the containment area and the collapsed former pump house. Site history and prior investigations are discussed below.

2.2 Site History

Occupancy of the Site dates back to at least 1894 when American Buffalo Robe operated a robe factory on the property until approximately 1916. Clear records establishing ownership and/or occupancy are not available for the years of 1917 to 1936. Records

indicate that between 1936 and approximately 1956, the Site was operated as a petroleum distributor by Terminal Petroleum Company. From approximately 1956 to 1960, the Site was reportedly operated by Frontier Oil Refinery, Bronco Solvents & Chemical Division. From approximately 1960 to 1971, the Site was reportedly operated as a fuel blending operation by Ashland Oil Refinery, Solvents and Chemical Division. B. Hoffman Roofers owned the Site from approximately 1971 to 1980, prior to Marcon Erectors' ownership.

When the Site was purchased by Marcon Erectors in 1980, there were three ASTs remaining in the containment area: one vertically situated 25,000 gallon AST and two horizontally situated 10,000 gallon ASTs. The vertical AST sat on a concrete pad at ground level and the two horizontal ASTs were supported on concrete saddles and not visible above the containment area. In 1985, the City of Buffalo requested that the Site owner paint the vertical 25,000-gallon AST for aesthetic reasons. Rather than painting the tank, the owner cut down the AST to approximately two feet in height so that it was not visible above the containment area wall. The tank, which contained approximately 1.5 to 2 feet of sludge-like material, was left open at the top. The two smaller tanks, which also contained residual material, remained un-changed at this time.

On September 28, 1995, an anonymous oil spill report for the Site was called in to the NYSDEC. The report described a petroleum material spill in the vicinity of the concrete AST containment area. The NYSDEC assigned spill number 9507939. Upon investigation, the NYSDEC discovered that residual sludge from the vertical AST had overflowed onto the bare soil in the containment area due to accumulation of precipitation in the open tank. The NYSDEC required that the Site owner take steps to address the residual sludge in the ASTs and Site contamination caused by the spill. Testing of the residual sludge material identified the presence of petroleum-related volatile organic compounds (VOCs) and polychlorinated biphenyls (PCBs). In 1997, the Site owner hired a contractor to remove the residual sludge from the ASTs. During the attempted removal it was determined that the concentrations of PCBs identified in the sludge exceeded applicable regulatory criteria. Improper removal practices resulted in a Resource Conservation and Recovery Act (RCRA) enforcement action by NYSDEC against Marcon Erectors and the contractor. In 1999 after numerous efforts to get the Site owner to address the spill were unsuccessful, the Site was placed on the New York State Registry of Inactive Hazardous Waste Disposal Sites. The Site was designated as Class 2 indicating a significant threat to the public health and environment existed and action was required.

In 2000, the NYSDEC completed an IRM to address PCB-contaminated sludge and soils. Activities completed as a part of this IRM included disposal of waste sludge from the three ASTs, characterization, excavation and disposal of PCB-impacted soil in the vicinity of the three ASTs and confirmation of removal of PCBs to the established cleanup objectives of 1 milligram per kilogram (mg/kg) for surface soils [0-1 feet below ground surface – (bgs)] and 10 mg/kg for subsurface soils (greater than 1 foot bgs). Additionally, eight test pits (TP-1 to TP-8) were completed around the Site (**Figure 2-4**). Evidence of petroleum contamination was noted in all eight test pits. IRM activities are documented in the NYSDEC IRM report issued in 2001 (NYSDEC, 2001).

2.3 Previous Investigations

2.3.1 NYSDEC Investigation – 2001

In August 2001, NYSDEC completed Site subsurface investigation activities to confirm that all PCB contaminated soil had been removed during the IRM. These results are presented in the *Report on Activities - Immediate Investigative Action Work Assignment (IIWA)* (NYSDEC, 2002a). The investigation included completion of 23 soil borings (SB-1 through SB-20, SB-12A, SB-20A, and SB-20B) and five groundwater monitoring wells (MW-1 through MW-5) (**Figure 2-4**). Selected soil samples from each boring were submitted to a New York State Department of Health (NYSDOH) certified analytical laboratory for chemical analysis. Groundwater samples were collected from the five groundwater monitoring wells. Compounds targeted during this investigation included PCBs, petroleum-related VOCs and semi-volatile organic compounds (SVOCs), and heavy metals.

Additionally, a geophysical survey was conducted to determine if underground tanks and ancillary piping were present on the property.

Soil Results

PCBs were not detected in any of the 31 soil samples analyzed as part of the IIWA. The results of the investigation did, however, identify the presence of petroleum-related VOCs and/or SVOCs in soil beneath the Site and in off-site areas near the Site. Compounds were identified at concentrations exceeding NYSDEC Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046) Recommended Soil Cleanup Objectives (RSCO) for Fuel Oil Contaminated Soil (NYSDEC, December 2000) in subsurface soil in borings SB-5, SB-7, SB-8, SB-12A, SB-20, MW-2, MW-3, and MW-4 (**Figure 2-5**).

Five soil samples were additionally analyzed for total petroleum hydrocarbons (TPH) by NYSDOH petroleum product identification method 310-13. TPH concentrations detected in soil ranged from 39.1 mg/kg (SB-18) to 559 mg/kg (SB-16). A liquid (water and non-aqueous phase liquid [NAPL]) sample collected from SB-11 indicted a TPH concentration of 91,303 mg/l. In four of the samples (SB-9, SB-11, SB-16 and MW-3), the petroleum was identified as No. 2 fuel oil. The petroleum detected in one boring (SB-18) was characterized as kerosene. Although the presence of petroleum hydrocarbons was identified in these five borings, results of analysis for individual petroleum-related VOCs and/or SVOCs, when completed, indicated there were no exceedances of TAGM 4046 RSCOs.

To assess potential off-site migration of contaminants east of the AST containment area, the NYSDEC collected soil samples from borings SB-17 and SB-19 (**Figure 2-5**). Sample SB-17 was submitted to the laboratory for PCB and SVOC analysis and SB-19 was submitted for PCB, SVOC and VOC analysis. Analytical results for soil samples collected from these borings indicated that no compounds were present above laboratory reporting limits in the intervals sampled.

Groundwater Results

Groundwater samples collected from monitoring wells MW-1 through MW-5 were submitted for VOC, SVOC, metals and PCB analysis and results were compared to the groundwater quality standards as presented in the *New York State Division of Water, Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations* (TOGS 1.1.1). As discussed in the IIWA, groundwater quality standards for some metals were exceeded in all water samples. Metals identified at concentrations exceeding standards were combined iron and manganese, magnesium, aluminum, cadmium, thallium, lead, copper, antimony and selenium. In the IIWA, the NYSDEC noted that localized groundwater metal contamination did not adversely affect the public because the City of Buffalo supplies drinking water to the area. The NYSDEC did not consider these constituents further.

Groundwater analytical results for VOCs indicated the presence of several petroleum-related tentatively identified compounds (TICs) in wells MW-2 and MW-3. However, groundwater quality criteria for individual VOCs were not exceeded in any of the samples analyzed.

SVOCs were not detected above laboratory reporting limits (RLs) in any of the groundwater samples analyzed.

Record of Decision

Based on the absence of PCB detections in any of the 31 soil and 5 groundwater samples submitted for laboratory analysis, the NYSDEC concluded in the IIWA that Site PCB impacts had been successfully remediated. Based on the confirmatory sampling results for PCBs, a "No Further Action" record of decision was signed by the DER on March 29, 2002, removing the Site from the Registry of Inactive Hazardous Waste Disposal Sites.

2.3.2 Ashland Supplemental Site Investigation – 2003

In April 2002, Ashland was identified by NYSDEC as a potentially responsible party associated with petroleum contamination identified at the Site and was requested to further investigate and remediate the petroleum contamination identified during the NYSDEC investigations.

In a letter dated May 6, 2002, Ashland agreed to perform a limited investigation at the Site. Subsequently, a *Work Plan for Supplemental Site Investigation Activities at Marcon Erectors* was submitted to NYSDEC on August 7, 2002. After subsequent correspondence and meetings between Ashland and NYSDEC representatives, Ashland submitted a revised Work Plan on August 25, 2003 that outlined a plan to further characterize the Site for the purpose of evaluating remedial and regulatory options. The State approved the revised Work Plan in a letter dated September 10, 2003, but reserved the right to request that more work be performed.

On November 13 and 14, 2003, 17 soil borings were completed at the Site using a vehicle mounted Geoprobe® unit. Borings were completed to the top of the soil-groundwater interface with total depths ranging from 8 to 16 feet bgs. Boring locations are shown on **Figure 2-4**. Soil samples were selected for laboratory analysis based on photo-ionization detector (PID) readings and/or visual observations of contamination (i.e., staining). In

the absence of visual staining or PID readings above background, a soil sample was collected immediately above the soil-groundwater interface. All samples were analyzed for petroleum-related VOCs and selected samples were analyzed for polynuclear aromatic hydrocarbons (PAHs) by US Environmental Protection Agency (EPA) SW-846 Methods 8260B and 8270C, respectively. Samples were analyzed for petroleum-related compounds listed in NYSDEC's Spill Technology and Remediation Series (STARS) Memo #1, Appendix B, Tables 1 and 2. In addition, groundwater samples were collected from monitoring wells MW-1 through MW-5 and analyzed for petroleum-related VOCs.

Soil Results

Soil sample results were compared to applicable TAGM # 4046 criteria. A total of seventeen soil samples were submitted for VOC analysis. One or more petroleum-related VOC exceeded the respective TAGM criteria in 9 of the 17 samples collected (**Figure 2-6**). Samples were selected for PAH analysis from borings GP-1, GP-2 and GP-10 through GP-12. One or more PAHs were identified above TAGM 4046 RSCOs in four of the five samples for which these constituents were analyzed.

Groundwater Results

Groundwater samples were collected from monitoring wells MW-1 through MW-5 and submitted for analysis for petroleum-related VOCs. One VOC (isopropylbenzene) exceeding the relevant groundwater quality standard was identified in MW-3. All other identified compounds were below TOGS standards. A slight sheen and hydrogen sulfide odor were noted during purging activities at well MW-2; however, no constituents were identified above laboratory reporting limits. Investigation findings were submitted to the NYSDEC in a letter report entitled *Results- Supplemental Site Investigation Activities, Ashland, Inc., Marcon Erectors*, dated March 11, 2004.

2.4 Extent of Contamination

Previous investigations identified several areas where evidence of petroleum hydrocarbons was indicated. These areas include the following:

- On-site:
    - SB-12A;
    - North of the containment area at Test Pit #6 and GP-3;
    - The northern portion of the containment area and just outside of the containment area at Test Pit #5 and GP-4; Test Pit #1, GP-5 through GP-7, TP-2 and MW-2;
    - South of the building at GP-9 and SB-9; and
    - North of the two-story building at Test Pit #7.
- Off-Site:
    - South of the property at borings SB-11 and GP-15; and
    - South of the recreational bike path at GP-12.

The RI focused on further investigation of these areas.

3.0 GEOLOGY AND HYDROGEOLOGY

3.1 Regional Geology

The Site is located near the southern margin of the Lake Tonawanda Plain physiographic region. Regional topography is relatively flat with gradually increasing elevations toward the south. Shallow geology is characterized by lacustrine silts and clays deposited in generally proglacial lakes. Thickness of these surficial deposits varies and is up to 100 meters thick (Caldwell, 1988).

Bedrock underlying the surficial deposits in the Site vicinity consists of dolostone and dolomitic limestones of the Upper Silurian Bertie Formation. Lithology of the Bertie formation is characterized by shaly dolostone, massive brown dolostone, dark gray shale and gray dolostone beds of variable thickness. The Bertie Formation is underlain by the Upper Silurian Camillus shale formation. Lithology of the Camillus shale is characterized as gray to brownish gray thin-bedded shales to massive mudstone containing large amounts of gypsum (Buehler and Tesmer, 1963).

3.2 Site Geology

Site-specific boring logs indicate the bedrock is overlain by "fill, lacustrine silts, and sediments". The fill material beneath the Site is from an unknown source and varies in depth and type. The fill consists mainly of silt, sands, ashes, gravels and mixed debris including brick, wood, metal and porcelain. The boring logs prepared during the NYSDEC IIWA describe the sand and ash material as "furnace debris". The fill material beneath the Site overlies a hard, reddish-brown silty clay material that contains some gravel. Fill thickness at the Site generally increases from north to south (toward Scajaquada Creek). In the northern portion of the Site, the fill is approximately three to six feet thick. South of the Site, in the public bike path area, the fill depth increases to more than 16 feet. Furnace ash and other mixed debris were commonly used as fill material in the City of Buffalo and surrounding region. Borings completed during the NYSDEC's IIWA reached a maximum depth of 26 feet bgs while borings completed by Ashland were advanced to a maximum of 24 feet bgs. Bedrock was not encountered during any previous Site investigation.

3.3 Site Hydrogeology

As noted previously, Scajaquada Creek is located approximately 120 feet south of the Site. Depth to groundwater determined as part of Ashland's November 2003 investigation ranged from approximately 5.4 to 7.5 feet bgs. Groundwater surface level contouring showed an overall southerly groundwater flow toward the creek. The area is supplied by public water from the City of Buffalo. A database search conducted in March 2003 did not indicate any private water supply (i.e., wells) within a 1-mile radius of the Site.

4.0 REMEDIAL INVESTIGATION FIELD ACTIVITIES

Field activities completed as part of the RI were conducted between April 25 and May 12, 2005. Investigation activities were conducted in general accordance with the approved Work Plan (December 2004), the Field Sampling Plan, the Quality Assurance Project Plan (QAPP) and the Health and Safety Plan. Deviations from the approved plans are noted below.

The purpose of the RI was to collect sufficient data on the nature and extent of petroleum contamination in soil to evaluate remedial options. Additionally, the results of this investigation phase as well as prior investigations were used to develop the plan of action outlined in **Section 8.0**.

4.1 Citizen Participation Plan

In accordance with the approved Work Plan, a Citizen Participation Plan was designed and fact sheets were distributed prior to initiation of field work. The fact sheet was developed and distributed in cooperation with the NYSDEC. A copy of the fact sheet is included in **Appendix A**. Fact sheets were distributed to residences and businesses on the east and west sides of Amherst Street, between Bush Street and Peter Street, and on both sides of Bush Street, Howell Street and Peter Street approximately 45 days prior to initiation of investigative work. Approximately ten of the fact sheets were returned due incorrect addresses and one fact sheet was refused.

4.2 Subsurface Drilling Investigation

Prior to any investigative activities, access agreements were obtained from the Site property owner and the City of Buffalo. A street permit was also obtained from the City of Buffalo to allow two borings to be located in Howell Street.

Nature's Way of Crittenden, NY was selected as the subcontractor to perform investigation activities. URS marked out the boring and test pit locations on April 15, 2005, with stakes, flags and marking paint. Prior to any intrusive work, Nature's Way contacted the Underground Facilities Protective Organization to clear underground utilities in the area. Borings were advanced between April 25 and April 29, 2005.

4.2.1 Soil Borings

A total of 32 subsurface borings (GP-18 through GP-49) were completed as part of the RI. Boring locations are shown on **Figure 4-1**. All borings were completed with a truck-mounted Simcoe direct-push rig. The presence of approximately three feet of standing water pooled in a low spot at the southern end of the containment area prevented completion of two borings in their proposed locations. GP-49 was off-set approximately 25 to 30 feet north-northeast of its proposed location (between former TP-1 and TP-2) and GP-50 was not completed.

Borings were advanced to depths ranging from 12 to 24 feet bgs. In accordance with the approved Work Plan, no borings were advanced beyond 24 feet bgs. A URS geologist recorded and classified soil at each boring in accordance with the Unified Soil Classification System.

Groundwater was encountered at depths ranging from 3 to 4 feet bgs in the northern portion of the Site and from 7 to 16 feet bgs in the southern, off-site borings. Fill material was encountered at all boring locations. The thickness of the fill increased from north to south. Fill thickness in the northern portion of the investigation area ranged from 6.5 to 12 feet bgs. Fill thickness in the southern portion of the investigation area varied from 8 to 24 feet bgs. After completion, borings were backfilled with bentonite pellets and the surface was restored to original conditions. Soil from the macrocores was containerized in NYS Department of Transportation (DOT) approved 55-gallon drums.

The fill material consisted of fine to coarse sand, silt, clay, and gravel with brick, coal, slag, wood, glass and/or concrete. Ash layers and/or ash mixed with debris were also observed in 11 of the borings. Boring logs are attached in **Appendix B**.

Native material consisting of silty clay/clayey silt to clay till was observed in all but five borings. The till was generally very stiff with vertical silt-filled veins and mottling. Several borings located primarily south of the property line exhibited what appeared to be native material at shallower depths; however, further probing revealed intermittent layers of fill material. At these locations it was difficult to determine if native material was encountered prior to boring termination.

Soil samples were collected in four-foot intervals using a 1-7/8-inch inner diameter macrocore sampler. A dedicated acetate liner was placed in each macrocore prior to advancement. Samples were collected continuously until boring termination.

A two-stage screening procedure for volatile organic vapors was conducted. Once the liner was removed from the macrocore and split open, a dual flame ionization/photo-ionization detector (FID/PID) was utilized to screen the core for volatile vapors. Readings were recorded on the boring logs (**Appendix B**). Additionally, samples were collected, labeled, placed in plastic baggies and sealed. The baggies were then warmed to ambient temperature. The FID/PID was then placed inside the baggie and headspace readings were collected and recorded in the Site notebook. A summary of boring observations including FID/PID readings is included in **Table 4-1**.

4.2.2 Soil Sample Analysis

Soil samples collected for laboratory analysis were sent to Severn Trent Laboratories, Inc. (STL) located in Savannah, Georgia. The samples were packed in coolers with ice and shipped overnight via Federal Express daily.

Soil samples for laboratory analysis were generally collected from three different depths at each boring location: the depth exhibiting the highest FID/PID readings, the vadose zone/groundwater interface and the bottom of the borehole. At several locations, the highest FID/PID reading and the groundwater interface occurred at the same depth; therefore, only two samples were collected at these locations. A total of 79 soil samples (including duplicates) were collected and analyzed for petroleum-related VOCs and

SVOCs as listed in NYSDEC's STARS Memo #1. **Table 4-2** summarizes the soil samples collected and the corresponding FID/PID readings. At NYSDEC's request, each sample was also analyzed to determine the top 10 TICs for both VOCs and SVOCs.

In accordance with the QAPP, three field duplicates and three matrix spike/matrix spike duplicate samples were collected and analyzed for STARS VOCs and SVOCs. Additionally, three equipment blanks were collected and analyzed for STARS VOCs and SVOCs. Equipment blank samples were collected by pouring laboratory grade distilled water (supplied by STL) through a macrocore acetate liner and the macrocore cutting shoe and collecting the rinse in a sample bottle.

4.2.3 Community Air Monitoring

In general accordance with the Work Plan, community air monitoring was conducted during intrusive activities (i.e., the direct-push and test trenching activities). The following equipment was used for monitoring:

- A TSI DustTRACK aerosol monitor was utilized to collect continuous particulate concentrations. The meter was zeroed out in a dust free environment prior to use each day.
- A MiniRae PID was used to conduct continuous monitoring for VOCs. The PID was calibrated with 100 ppm isobutylene on a daily basis.

Both instruments were stored in an environmental enclosure which provided shelter from the elements while allowing collection of samples.

The DustTrack was set-up to continuously log data. The MiniRae unit utilized during the direct-push portion of the investigation did not have the software capability to log data. A different unit was obtained for test trenching activities and data was continuously logged during this period. Copies of logged data are included in **Appendix C**.

Prior to beginning a boring and/or test trench, the air monitoring equipment was placed up-wind and background levels were obtained. After obtaining background, the meters were located downgradient of the work being performed. Readings were recorded on Instrument Reading Logs which are provided in **Appendix C**.

4.2.4 Surveying

Boring locations were surveyed by URS. Horizontal coordinates were based on the New York State Plane Coordinate System, Transverse Mercator Projection, East Zone, North American Datum of 1927. All surveying was conducted under the supervision of a New York State licensed land surveyor.

4.3 Test Trenching and Underground Piping Investigation

Areas previously identified as possibly containing underground piping were addressed during this phase of the investigation. These included the following areas:

- Immediately north of the Site building (TP# 7);
- In proximity to the demolished brick structure (former pump house); and
- Southeast portion of the Site.

4.3.1 Test Trenching

Proposed test trench locations were numbered from TP-9 through TP-22 and are shown on **Figure 4-2**. Test trenches were completed with a small excavator equipped with a 24-inch wide bucket. Trench depths were dependent on the presence or absence of piping in the trench and the depth of piping when present. Total depths ranged from 6-inches to 3.5 feet bgs.

Test trenching activites initiated on May 2, 2005 in the southeast corner of the Site. TP-16 and TP-14 were completed. The work was stopped at the end of the day due to a disagreement between Ashland and NYSDEC representatives regarding soil disposition. Test trenching resumed on May 11 and May 12, 2005. Soil disposition is further discussed in **Section 4.3.3**.

Proposed locations TP-10, TP-11, TP-13 and TP-15 were encompassed while tracing piping identified at another trenching location (TP-9, TP-13 and TP-14); thus separate trenches were not completed as originally proposed. At these locations, a portion of the proposed test trench was excavated (see **Figure 4-2**) while determining the extent of piping located in an earlier test pit. The remaining test trenches were completed along with additional locations discussed below. A complete discussion of the piping identified via test trenching activities is presented in **Section 5.3**.

4.3.2 Deviations from the Work Plan

Several additional activities were completed during the RI based on NYSDEC request, further visual reconnaissance by the field team and/or opportunity. These activities include completion of additional test pits (TP-17 through TP-22) and a walk-through of the Site building.

TP-17 was completed to investigate the area below a suspected underground storage tank (UST) vent pipe along the eastern wall of the Site building. TP-18 was excavated to investigate the area along the east wall of building where 12 pipes (cut flush to the wall and grouted) are visible formerly exiting the building facing the concrete containment area. TP-9 and TP-22 were completed to investigate the possible extent of a 3-inch pipe observed in the east wall of the collapsed former pump house. Test trench TP-19 (and two additional attempted test trenches) was advanced to investigate the extent of a 3-inch pipe protruding vertically from the ground near the fence in the northeast corner of the Site. Test trench TP-21 was completed parallel to the southern portion of the concrete containment area to determine if piping exited the containment area at that location.

On May 12, 2005, Mr. Douglas Giambrone (current owner) allowed URS personnel to walk through portions of the basement of the Site facility. The observed basement area was divided into two sections and did not extend the north-south width of the building. Piping and diaphragm pumps were observed in both sections. In response to the basement observations, test trench TP-20 was completed to determine if the inside piping observed in the eastern basement wall continued toward the concrete containment area.

4.3.3 Decontamination/Investigation Derived Waste

The sampling equipment was decontaminated between each sample and each borehole. The decontamination procedure consisted of a rinsing with a mix of potable water and alconox followed by a rinse with potable water. Since no analytical samples were collected from the test trenches, the excavator bucket was only decontaminated prior to leaving the Site. A similar procedure to that described above was used. All decontamination water was collected and placed in 55-gallon NYS DOT approved drums.

Soil generated from drilling was placed in 55-gallon drums. The polyethylene sheeting used to stage soil was also placed in drums. A total of six drums were generated (2-soil cuttings, 1-decon water and 3-poly sheeting) and staged on-site pending proper disposal.

Per the approved Work Plan and in accordance with discussions and subsequent correspondence from NYSDEC, soil removed during trenching activities was returned to the trench from which it was removed. TP-14 was the exception to this. Soil removed at TP-14 was returned to the trench to the extent possible; however, some soil remained because of compaction issues. A total of 12 additional drums of soil were generated from the stockpiled soil from TP-14. This soil was characterized for disposal along with drilling cuttings.

All investigation-derived waste was removed by Ashland Environmental Services and transported to an Ashland approved waste facility for proper disposal. A copy of the waste manifest is included in **Appendix D**.

5.0 RESULTS

5.1 Soil Boring Results

A total of 32 direct-push borings were completed to depths ranging from 12 feet bgs to 24 feet bgs and 79 samples were collected and submitted for analysis. In general, fill material consisting of fine to coarse sand, silt, clay and gravel with brick, coal, slag, wood, glass, and/or concrete was observed in all borings. Ash layers were also noted in 11 borings. Fill material ranged in thickness from 6 to 12 feet in the north to from 8 to 24 feet in the south. Below the fill, native material consisting of a silty clay/clayey silt to clay till was encountered in all but five borings. **Figure 5-1** presents the location of two cross-sections at the Site: one from south to north and one from west to east. Geologic cross-sections are presented in **Figures 5-2** and **5-3**.

5.2 Community Air Monitoring

Continuous particulate and VOC vapor monitoring were conducted during all field activities. Copies of the data collected are presented in **Appendix C**. Volatile vapors at the downwind perimeter of the work area did not exceed the NYSDEC Action Level of 5 parts per million (ppm) above background as a 15-minute average (NYSDEC DER-10, 2002) during the fieldwork. Likewise, particulate concentrations did not exceed the NYSDEC DER-10 Action Level of 100 micrograms per cubic meter (ug/m^3) above background for a 15-minute period along the perimeter, downwind of the work area.

5.3 Test Trenching and Underground Piping

Test trenching was conducted to determine the extent of suspected underground piping. The location of test trenches and associated piping is indicated in detail on **Figure 4-2**. Numerous pipe runs were identified north, east and south of the Site building; however, no liquid was encountered in any piping identified during the investigation.

5.3.1 North

Four test trenches,TP-9, TP-12, TP-22 and TP-19, were completed north of the Site building and numerous pipes were identified. Test trench TP-12 initially exposed three 3-inch pipes. The pipes terminate near the fence line to the west. Excavation to the east revealed a fourth pipe. All four pipes turn 90-degrees to the north approximately three feet from the northeast corner of the Site building. The four pipes then turn east toward the former pump house. Further investigation to the east was not possible due to the presence of numerous window frames and the remnants of the brick structure. However, piping was not present at TP-22, east of the pump house. Thus, the piping is assumed to terminate at the west side of the pump house.

A single 2-inch pipe was identified at TP-9, extending south from the east side of the pump house. The pipe turns west and joins the four pipes identified in TP-12. An additional 2-inch pipe which extends vertically above the ground surface was found north

of NYSDEC TP-6 at the eastern fence line. It was not possible to determine if this pipe is present below the surface due to the proximity of the pipe to the fence and heavy vegetative cover. Piping was not present in TP-19 or TP-22.

5.3.2 East

Three test trenches, TP-17, TP-18 and TP-20, were completed east of the Site building. Piping was not present in TP-20. Multiple 2-inch pipes were identified in TP-18 and a UST and associated piping were identified in TP-17.

Above TP-18, the remains of 12 cut pipes are visible exiting the east side of the Site building. The pipes are not currently present, but the former presence of a piping manifold is indicated by the cut piping in the wall. These former pipes are filled with cement. Piping in TP-18 was observed at 3.5 feet bgs. In addition, three electrical conduits were observed within TP-18. The three conduits were visible resurfacing along the west wall of the concrete containment area. The piping associated with the former manifold exiting the building extends to the concrete containment area.

At TP-17, a 90-degree elbow is present approximately 21-inches bgs and is attached to the vent pipe on the eastern wall of the Site building. The piping slopes toward a fill port which was buried under debris. The debris and fill port were removed and a UST was identified below the fill port. Liquid was identified in the tank at approximately 1.5 feet bgs. PID/FID readings were 1,000 ppm/3,000 ppm, respectively, at the fill port. A sample of the contents was collected with a disposable bailer and sent to Friedman and Bruya, Inc. of Seattle, Washington for product fingerprint analysis.

Friedman and Bruya, Inc. analyzed the sample using gas chromatography with a FID and an electron capture detector. Chromatographic data indicate an irregular pattern of peaks on top of a small hump. This is indicative of an unresolved complex mixture of compounds. The analytical data further indicate the presence of petroleum hydrocarbons and a chlorinated solvent mixture. The petroleum pattern indicates the possible presence of aromatic hydrocarbons and Stoddard solvent. A copy of the analytical results is included as **Appendix E**.

No records as to the size, installation date, or contents are known for the UST. The fill port was recapped with a locking J-plug to provide a water tight seal.

5.3.3 South

Three test trenches, TP-14, TP-16 and TP-21, were completed south of the Site building. Two pipes situated perpendicular to each other are present in TP-14. The eastern extent of the east-west oriented piping was traced to the concrete containment structure. The western extent was traced as close to the Site building as possible. Concrete associated with the receiving door driveway prevented further trenching to the west. The northern termination point of the trench was also limited by the presence of the concrete; however, the piping is present at TP-17. The northern extent of this pipe beyond TP-17 is unknown.

To the south, the north-south pipe run intersects two east-west oriented 2-inch pipes (**Figure 4-2**). These east-west pipes extend eastward toward the concrete containment

area and are assumed to terminate at the containment wall. Excavation to the wall was not possible due to the presence of extensive debris. Excavation to the west was limited by the presence of a dumpster. In the western direction, the piping is assumed to extend to the location of the former AST area south of the Site building. Piping was not identified in TP-16 and TP-21 which were completed to depths of 3.5 and 3.0 feet bgs, respectively.

5.4 Soil Analytical Results

A total of 79 soil samples (76 samples plus 3 field duplicates) were collected and submitted to STL for analysis of petroleum-related VOCs and SVOCs as listed in NYSDEC's STARS Memo #1. In addition, three MS/MSD soil samples were collected for STARS VOCs and SVOCs analysis. All samples were also analyzed for VOC and SVOC TICs.

In accordance with the QAPP, data was reviewed under the direction of URS's QA officer. A modified DUSR was prepared following the general guidelines in Appendix 2B of DER-10. A copy of the DUSR is provided as a separate document submitted concurrently with this report. The draft DER-10 requires the laboratory submit a data package consistent with NYSDEC Analytical Services Protocol Category B or USEPA Contract Laboratory Program requirements. Raw analytical data are required for both of these deliverables; however, this data was not provided in the laboratory data packages supplied for this project. As such, the DUSR was prepared without review of raw analytical data.

Soil sample results were compared to NYSDEC TAGM 4046 RSCOs for Fuel Oil Contaminated Soil (NYSDEC, December 2000). TAGM does not provide RSCOs for TICs; however, the sum of the TICs reported is applied toward the total VOCs or SVOCs which have a RSCO of 10 mg/kg and 500 mg/kg, respectively. Soil sampling results are presented in **Figures 5-4** and **5-5**.

5.4.1 VOC Analytical Results

A summary of the VOC analytical data is presented in **Table 5-1** and **Figure 5-4**. With the exceptions of GP-33, GP-36 and GP-42 which were completed just south of the chain link fence surrounding the Site, VOCs exceeding TAGM criteria are confined to the Site. Details are provided below.

Individual VOC Data

- VOCs were detected above laboratory RLs in 28 of 79 samples collected.
- Of the 28 soil samples where VOCs were detected, 8 samples detected one or more individual constituent exceeding NYSDEC TAGM RSCO criteria.
- Samples exceeding criteria were collected from borings GP-20 (4-6 feet bgs), GP-22 (3-5 feet bgs), GP-23 (4-6 feet bgs), GP-24 (3-5 feet bgs), GP-28 (2-4 feet bgs), GP-42 (5-7 feet bgs and 13-15 feet bgs) and GP-49 (8-10 feet bgs).
- The total VOC concentrations in borings with VOCs exceeding individual constituent criteria ranged from 0.187 milligrams per kilogram (mg/kg) in boring GP-49 (8-10

feet bgs) to 25.83 and 32.47 mg/kg in GP-42 (5-7 feet bgs.) and GP-20 (4-6 feet bgs), respectively.
- VOCs which were detected above TAGM criteria included benzene, total xylenes, isopropylbenzene, 1,3,5-trimethylbenzene (TMB) and 1,2,4-TMB.

VOC TIC Data

- The sum of the reported VOC TICs exceeded the RSCO of 10 mg/kg in 15 of 79 samples collected.
- Of the 15 soil samples with total VOC TICs exceeding 10 mg/kg, 7 of these samples detected 1 or more individual VOC above TAGM criteria. The remaining 8 samples did not detect individual VOCs exceeding applicable criteria.
- Total VOC TIC concentrations exceeding criteria ranged from 10.39 mg/kg in GP-36 (5 -7 feet bgs) to 349 mg/g in GP-28 (2-4 feet bgs).

Due to laboratory oversight, the VOC fraction of the soil samples collected on April 27, 2005 was not logged in for analysis upon receipt at the laboratory. This error was not discovered until several weeks later. VOC analyses (including TICs) for these samples were subsequently completed on June 9 and 10, 2005, more than 28 days past the holding time of 14 days from collection. In accordance with US EPA Region II validation guidelines, the VOC results for all impacted samples (all were reported as non-detect) were qualified as "R" (rejected). These include soil samples collected from borings GP-21, GP-31, GP-32 and GP-45 through GP-48.

5.4.2 SVOC Analytical Results

A summary of the analytical data is presented in **Table 5-1** and on **Figure 5-5**. SVOCs exceeding TAGM criteria are present on and off-site in the fill material that is ubiquitous in the area.

SVOC Data

- SVOCs were detected above laboratory RLs in 39 of 79 samples collected.
- Of the 39 samples where SVOCs were detected, one or more individual SVOC exceeded applicable TAGM RSCO in 33 samples.
- Samples exceeding criteria were collected from 21 of the 32 borings advanced.
- SVOCs detected above TAGM criteria include benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and dibenz(a,h)anthracene.

SVOC TICs

- The sum of the reported SVOC TICs did not exceed the RSCO of 500 mg/kg in any of the 79 samples collected.
- Total SVOC TIC concentrations ranged from non-detect (multiple locations) to 349 mg/kg in GP-28 (2-4 feet bgs).

6.0 NATURE AND EXTENT OF CONTAMINATION

Previous investigation results indicated the presence of several areas of soil contamination requiring additional characterization. Further investigation, including soil borings and/or test trenching, were completed in these areas. Results are discussed below.

6.1 On-Site

Details of borings completed on-site are provided below. Complete data results are presented in **Table 5-1** and **Figures 5-4** and **5-5**.

6.1.1 SB-12A

Previous investigations identified SVOCs (primarily PAHs) and VOCs (benzene and total xylenes) exceeding RSCOs west of the former pump house. Historically, a rail spur entered the facility in proximity to this area. Depths of the TAGM exceedances ranged from 0 to 5.5 feet bgs. During the RI, five additional borings (GP-22 and GP-45 through GP-48) were advanced to further delineate this area.

PID and FID readings above background (130 ppm and 289 ppm on the PID and FID, respectively) were measured at boring GP-22 at approximately 6 feet bgs. The headspace readings measured from the sample collected from 3 to 5 feet bgs were 336 ppm and 1,000 ppm on the PID and FID, respectively. The maximum PID and FID readings measured in the headspace sample collected from the 7 to 10 foot bgs interval of GP-48 were 750 ppm and 3,500 ppm. The remaining borings did not exhibit PID or FID readings above background during field or headspace screening.

Benzene, total xylenes and the sum of the reported VOC TICs exceeded criteria in boring GP-22 only (3 to 5 foot bgs sample interval). However VOC data for GP-45 through GP-48 were analyzed outside of EPA holding time.

PAHs exceeded criteria in all borings except GP-46. The highest PAH concentrations were detected in GP-47, completed north of the gravel road. Depths of contamination ranged from 3 to 10 feet bgs. Generally, contamination was in the fill material which consists of sand and gravel with some silt and clay. Coal fragments and slag were noted in GP-22 (3-5 feet bgs) and GP-48 (4-6 feet bgs).

6.1.2 North of the Containment Area at Test Pit TP-6 and GP-3

GP-19 and GP-44 were completed in the northeast corner of the Site in the area previously investigated by completion of TP-6 (NYSDEC) and GP-3 (Ashland). Elevated FID readings were measured during both field and headspace screening at both borings (117 ppm to 300 ppm).

Total VOC and SVOC TICs were below criteria at both borings. No individual VOCs or SVOCs were detected above criteria in boring GP-44 or the sample collected from the 10 to 12 foot interval at GP-19. Only benzo(a)pyrene exceeded TAGM criteria at GP-19

(3.5-5 feet bgs). This constituent was detected at 0.480 mg/kg compared to the RSCO of 0.061 mg/kg.

6.1.3 Former Test Pit TP-5 and GP-4, GP-5 through GP-7, TP-2 and MW-2 Area

During the NYSDEC and Ashland (2003) investigations the highest VOC concentrations were detected in the southeast portion of the Site, just outside of the containment area. Groundwater monitoring well MW-2 is located in this area and GP-5 through GP-7 were completed in proximity to MW-2. Total VOC concentrations detected during prior investigations ranged from 369.9 mg/ kg in GP-7 (4 feet bgs) to 144,900 mg/kg in GP-6 (5 feet bgs.). During RI activities, five additional borings were advanced to further delineate this area. These included GP-25, GP-26 and GP-41 through GP-43.

Evidence of petroleum contamination was also previously detected at TP-5 (NYSDEC) and GP-4 (Ashland) inside the containment area. Four borings, GP-18, GP-20, GP-23 and GP-24, were advanced to further investigate this area.

In the NYSDEC investigation, benzene and 1,2-dichlorethene were detected at concentrations of 2.768 mg/kg and 0.309 mg/kg, respectively, at approximately 12 feet bgs in TP-2, located in the southern portion of the containment area. During the RI, GP-49 was advanced near the approximate location of TP-2.

Elevated PID and FID readings were measured during field and/or headspace screening at all ten borings completed in and around the containment area. The highest readings, 790 ppm and greater than 9,000 ppm on the PID and FID, respectively, were noted at GP-20, 4 to 6 foot interval.

Benzene exceeded TAGM criteria in borings GP-20, GP-23, GP-24, GP-42 and GP-49. GP-20 and GP-42 also detected total xylenes and 1,3,5-TMB above TAGM criteria. 1,2,4-TMB above TAGM screening criteria was also detected in GP-42. The sum of the concentrations of the ten highest VOC TICs detected exceeded 10 mg/kg at both sample intervals from GP-42. Although samples from GP-18, GP-25 and GP-26 did not detect individual VOCs above TAGM criteria, the sum of the reported VOC TICs exceeded 10 mg/kg in shallow samples collected at these boring locations. Additionally, samples collected from the shallow soil interval at GP-20, GP-23 and GP-24 also exceeded 10 mg/kg.

Several SVOCs exceeded criteria in GP-18, GP-20, GP-23, GP-24 and GP-41 through GP-43. In general, exceedances were collected from the fill material. However, dibenzo(a,h)anthracene, detected above the RSCO in GP-24, was collected from clay till at 10 to 12 feet bgs.

6.1.4 South of the Site Building at GP-9, SB-9

Evidence of petroleum contamination was identified in the southwest corner of the Site at borings SB-9 (NYSDEC) and GP-9 (Ashland) during previous investigations. Eight borings, GP-27 through GP-33 and GP-36, were completed during the RI to further delineate petroleum contamination in this portion of the Site.

VOCs exceeding TAGM criteria were not detected in borings GP-29 through GP-32. VOC data from GP-31 and GP-32, however, was analyzed outside of the 14-day holding time. Isopropylbenzene is the only VOC detected above TAGM criteria in GP-28 (2 – 4 feet bgs). Total VOC TICs exceeded 10 mg/kg from at least one sample interval at borings GP-27, GP-28, GP-30, GP-33-Dup and GP-36.

SVOCs exceeding TAGM criteria were not detected in borings GP-29 through GP-32. Several SVOCs, primarily PAHs, exceeded criteria in samples from borings GP-27, GP-33 and GP-36.

6.1.5 North of the Two-Story Building, Former Test Pit TP-7 Area

The NYSDEC initially completed test pit TP-7 (**Figure 2-4**) to investigate the possibility that ASTs were formerly located in the area north of the Site building. Piping was discovered in the test pit. No soil samples were collected from this test pit.

During the RI, GP-21 was advanced in the former AST area. On the first attempt to advance the boring, a railroad tie was encountered at approximately 3 feet bgs. Consequently, the boring location was off-set three feet to the north/northeast. FID/PID readings above background were noted throughout the length of the boring.

Several PAHs exceeded criteria in the 3 to 5 foot interval of GP-21. No SVOCs were detected from the 18 to 20 foot sample. VOC sample results from all intervals were non-detect, but the data was rejected due to laboratory analysis outside of holding time.

6.2 Off-Site

Details of the off-site investigation are provided below. Complete data results are presented in **Table 5-1** and **Figures 5-4** and **5-5**.

6.2.1 South of the Site at SB-11 and GP-15 (North of the Bike Path)

Evidence of petroleum contamination was found near the bike path at SB-11 and GP-15 during previous investigations. Three additional borings, GP-37, GP-38 and GP-40, were advanced in this area during the RI to determine the extent of the contamination in this area. PID and FID readings above background were noted at all three locations. PID readings measured during headspace screening ranged from 29 ppm (GP-37, 14-16 feet bgs) to 131 ppm (GP-40, 12– 4 feet bgs). FID readings were more significant, ranging from 179 ppm (GP-38, 10-12 feet bgs) to 1,372 ppm (GP-40, 21-23 feet bgs)

VOCs were not detected in any soil sample collected in this area. The sum of the reported TICs detected in these borings was well below 10 mg/kg (ranging from non-detect to 1.93 mg/kg).

SVOCs were not detected in soil samples collected from GP-40. Several SVOCs, primarily PAHs exceeded criteria in soil samples submitted from GP-37 and GP-38. Exceedances of TAGM criteria were detected at depths ranging from 6 to 22 feet bgs.

6.2.2 South of the Recreational Bike Path at GP-12

GP-34, GP-35 and GP-39 were completed south of the recreational bike path to investigate evidence of petroleum contamination detected in prior investigations (NYSDEC, 2000; Ashland, 2003).

No VOCs were detected in GP-39 and detected VOCs did not exceed TAGM criteria in GP-34 and GP-35. SVOCs, primarily PAHs, were detected above TAGM criteria in all three borings.

7.0 DISCUSSION

The objective of the RI was to delineate the nature and extent of hydrocarbon impacted soils and the extent of underground piping at the Site. The field investigation and analytical results confirmed that hydrocarbon impacts are found throughout the Site in the fill material. Constituents detected during site investigations include the following:

- VOCs: benzene, isopropylbenzene, xylenes, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene; and
- SVOCs: benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, chrysene, indeno(1,2,3-cd)pyrene.

VOC impacts are confined primarily to the Site area and range in depth from 2 to 4 feet bgs to 8 to 10 feet bgs (on-site). Impacts are primarily present in fill material. Historical groundwater monitoring indicates impacts to groundwater are minimal. The shallow groundwater measured in the existing monitoring wells is from a perched water-bearing zone which is migrating through the fill material. The City of Buffalo provides drinking water in the area, thus the groundwater is not a potential drinking water source.

SVOC impacts are present on and off-site, also predominantly in fill material. The fill material is ubiquitous over the Site and surrounding area. Constituents that are present above TAGM criteria have been detected in fill material on neighboring sites including the property currently occupied by Wegmans Food Market and the former Pratt and Letchworth site. Reports for both of these sites concluded the SVOCs (PAHs) were present as a result of the fill material itself and not related to present or former site operations (Acres International, 1995; Camp Dresser and McKee, 1995; Ecology and Environmental, 1995). Additionally, the lack of mobility of such constituents limits any risk that may be associated with them.

In summary:

- With few exceptions, VOCs and SVOCs are present in non-native – fill – material both on and off-site (off-site constituents are primarily SVOCs).
- With the exception of isopropylbenzene in MW-3, the groundwater is not impacted above TOGs criteria.
- The majority of constituents exceeding TAGM RSCO are high molecular weight PAHs which are highly non-soluble in water and less toxic to aquatic life than low molecular weight PAHs.
- Industrial operations continue on the Site.

8.0 PLAN OF ACTION

Ashland proposes the following actions to address VOC contamination present at the Site:

- Removal/disposal of the UST and associated piping;
- Removal/disposal of piping;
- Excavation of on-site areas with VOCs present above TAGM criteria. Excavation will not be completed below the perched water-bearing zone (first water) and will not include soil suspected to reflect NYSDEC "nuisance criteria".
- Backfill of excavated areas with clean soil.

Although Ashland does not consider SVOCs to be operation-related, removal of VOC TAGM exceedances will address 80 percent of the on-site SVOC TAGM exceedances. Weather permitting, Ashland is prepared to submit a detailed scope of work for these activities within 60 days of NYSDEC approval of the plan of action.

9.0 REFERENCES

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TABLES

TABLE 4-1
SUMMARY OF DRILLING OBSERVATIONS
MARCON ERECTORS 2005 INVESTIGATION

Boring	Total Depth (ft. bgs.)	Depth of Fill (ft. bgs.)	Approximate Depth to Groundwater (ft. bgs.)	Field Screening PID/FID Maximum Measurements (ppm) (ft. detected below grade)	Headspace Screening PID/FID Maximum Measurements (ppm) (ft. detected below grade)
GP-18	12	8.5	4	19.4/140 (4.5 ft.)	230/2800 (3-5 ft.)
GP-19	16	6	6	1/141 (5 ft.)	6.5/300 (3.5-5 ft.)
GP-20	12	7	4	630/8300 (5 ft.)	790/>9000 4-6 ft.)
GP-21	20	8	3	72/133 (4 ft.)	339/1125 (3-5 ft.)
GP-22	12	6.4	4	130/289 (5.8 ft.)	336/1000 (3-5 ft.)
GP-23	12	9.5	3	62/105 (4 ft.)	271/1411 (4-6 ft.)
GP-24	12	9	3	58/199 (3 ft.)	535/3128 (3-5 ft.)
GP-25	16	8	4	380/1350 (5 ft.)	450/1970 (4-6 ft.)
GP-26	20	11	9	171/380 (4 ft.)	245-915 (9-11 ft.)
GP-27	24	10	8	125/1000 (9 ft.)	299/3018 (8-10 ft.)
GP-28	24	23	6.5	264/1290 (2.5 ft.)	511/3431 (2-4 ft.)
GP-29	14	8	6	153/570 (3 ft.)	134/2400 (6-8 ft.)
GP-30	15	7.8	5	79/687 (6 ft.)	288/1134 (6-8 ft.)
GP-31	20	11.6	10	245/600 (4.8 ft.)	775/5600 (10-12 ft.)
GP-32	16	9.4	12	77/149 (5 ft.)	150/973 (6-8 ft.)
GP-33	20	8	13.3	200/-(8 ft.)	1326/-(8-105 ft.)
GP-34	20	20	16	0/15 (6 ft.)	0/620 (12 ft.)
GP-35	24	24	8	20/100 (15 ft.)	55.9/1136 (12-16 ft.)
GP-36	20	18	6	150/- (19 ft.)	277/- (12-13.5 ft.)
GP-37	20	19	9	0/0	29.6/724 (14-16 ft.)
GP-38	24	24	11	7/11 (15 ft.) 5/13 (19 ft.)	32.3/179 (10-12 ft.)
GP-39	20	15	9	0/175 (15 ft.)	0.82/751 (6-8 ft.)
GP-40	24	24	9.5	26/44 (22 ft.)	131/283 (12-14 ft.) & 55/1352 (21-23 ft.)
GP-41	24	24	8	300/450 (9 ft.)	730/3000 (8-10 ft.)
GP-42	24	22	6	150/300 (15 ft.)	332/1300 (13-15 ft.)
GP-43	24	22.5	7	450/1300 (10 ft.)	740/8300 (8-10 ft.)
GP-44	16	12	-	3/117 (6 ft.)	5/130 (4-6 ft.)
GP-45	16	8	5	0/0	2/2.8 (5-7 ft.)
GP-46	12	8.1	4	4.2/- (11 ft.)	75/- (8-10 ft.)
GP-47	16	9.8	8	5.0/0 (7 & 8.5 ft.)	11.1/8.2 (14-16 ft.)
GP-48	16	10.5	5.8	-/-	750/3500 (7-10 ft.)
GP-49	16	11	8.2	330/1250 (3 ft.)	145-856 (8-10 ft.)

TABLE 4-2
SOIL SAMPLE SUMMARY
MARCON ERECTORS 2005 INVESTIGATION

Boring	Date Sampled	Total Depth (ft. bgs.)	Sample Depth (ft. bgs.)	Headspace Screening PID/FID (ppm)
GP-18	4/28/2005	12	3.5-5.5	230/2800
			10-12	12/111
			10-12 (MS/MSD)	10.5/65
GP-19	4/28/2005	16	3.5-5	6.5/300
			14-16	4.7/8.6
GP-20	4/28/2005	12	4-6	790/>9999
			10-12	146/497
GP-21	4/27/2005	20	3-5	339/1125
			18-20	48.8/87.4
GP-22	4/28/2005	12	3-5	336/1000
			10-12	80.1/138
GP-23	4/28/2005	12	4-6	271/1411
			10-12	6.5/6.0
			10-12 Dup	6.5/6.0
GP-24	4/28/2005	12	3-5	535/3128
			10-12	69.4/220
GP-25	4/29/2005	16	4-6	450/1970
			12-14	170/630
GP-26	4/29/2005	17	9-11	245/915
			15-17	86/145
GP-27	4/29/2005	24	8-10	299/3018
			8-10 (MS/MSD)	299/3018
			22-24	61.89/389
GP-28	4/29/2005	24	2-4	511/3431
			7-9	281/1423
			22-24	15/473
GP-29	4/29/2005	14	6-8	134/2400
			6-8 Dup	134/2400
			12-14	18.6/33
GP-30	4/29/2005	15	6-8	288/1134
			13-15	145/777
GP-31	4/27/2005	20	10-12	775/5600
			18-20	34/109
GP-32	4/24/2005	16	6-8	150/973
			6-8 MS/MSD	150/973
			14-16	11.8/39
GP-33	4/26/2005	20	8-10.5	1326/-
			8-10.5-Dup	810/-
			18-20	26/-
GP-34	4/25/2005	20	12	-/620
			15	0.16/270
			17.5	-
GP-35	4/25/2005	24	16	-
			22.75-24	3.5/1020
GP-36	4/26/2005	20	5-7	66/-
			12-13.5	277/-
			18-20	78.5/-
GP-37	4/25/2005	20	9-11	0.55/86.89
			14-16	29.6/724
			21-23	67/1108
GP-38	4/25/2005	24	6-8	0.59/4.06
			10-12	32.3/179
			20-22	11.3/50.0
GP-39	4/25/2005	20	6-8	0.82/751
			18-20	0.25/530
GP-40	4/26/2005	24	9-11	6.5/21.5
			12-14	131/283
			21-23	55/1352

TABLE 4-2
SOIL SAMPLE SUMMARY
MARCON ERECTORS 2005 INVESTIGATION

Boring	Date Sampled	Total Depth (ft. bgs.)	Sample Depth (ft. bgs.)	Headspace Screening PID/FID (ppm)
GP-41	4/26/2005	24	8-10	730/3000
			18-20	31.5/800
			22-24	92/393
GP-42	4/26/2005	24	5-7	67/300
			13-15	332/1300
			22-24	35.5/12.5
GP-43	4/26/2005	24	5.5-7.5	156/379
			8-10	740/8300
			22-24	14.0/289
GP-44	4/26/2005	16	4-6	5/130
			14-16	1.5/6
GP-45	4/27/2005	16	5-7	2.0/2.8
			14-16	1.7/1.8
GP-46	4/27/2005	12	4-6	4.0/-
			8-10	7.5/-
			10-12	5.7/-
GP-47	4/27/2005	16	4-6	10.35/7.8
			8-10	10.5/6.8
			14-16	11.1/8.2
GP-48	4/27/2005	16	4-6	11.5/14.8
			7-10	750/3500
			14-16	150/215
GP-49	4/28/2005	16	8-10	145/856
			14-16	10.3/62.9

N:\37679215.00000\WORD\DRAFT\April 2005 Investigation\[Sample summary.xls]Sheet1

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-18-3.5-5.5'	GP-18-10-12'	GP-19-3.5-5'	GP-19-14-16'	GP-20-4-6'	GP-20-10-12'
Sampling Date	RSCO	4/28/2005 11:45	4/28/2005 11:45	4/28/2005 11:00	4/28/2005 11:00	4/28/2005 10:00	4/28/2005 10:00
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
GC/MS VOA - 8260B							
Benzene	0.06					**1.1**	
Ethylbenzene	5.5					2.5	
Isopropylbenzene	2.3	0.76				1.6	
Naphthalene	13					0.33	
n-Butylbenzene	10	2.1					
N-Propylbenzene	3.7	0.82	ND	ND	ND	1.8	ND
p-Isopropyltoluene	10					1.2	
sec-Butylbenzene	10	2				0.64	
tert-Butylbenzene	10	0.56					
Toluene	1.5					1.2	
1,2,4-Trimethylbenzene	10	0.73				5.2	
1,3,5-Trimethylbenzene	3.3	0.47				**4.9**	
Xylenes, Total	1.2					**12**	
VOC TOTALS		7.44				32.47	
10 Highest TICs	10	**137**	0.009	0.108	0.0204	**100.9**	0.0946
GC/MS Semi VOA - 8270C							
Acenaphthene	50						
Acenaphthylene	50						
Anthracene	50						
Benzo[a]anthracene	0.224	**1.4**				**2.5**	
Benzo[b]fluoranthene	0.22	**1.1**					
Benzo[k]fluoranthene	0.22	**1.2**				**2.9**	
Benzo[g,h,i]perylene	50						
Benzo[a]pyrene	0.061	**1.4**	ND	**0.48**	ND	**2.9**	ND
Chrysene	0.4						
Dibenz(a,h)anthracene	0.0143					**0.72**	
Fluoranthene	50					5.7	
Fluorene	50						
Indeno[1,2,3-cd]pyrene	3.2						
Naphthalene	13						
Phenanthrene	50						
Pyrene	50					4.8	
SVOC TOTALS		5.1		0.48		19.52	
10 Highest TICs	500	84.6		100.6	3.62	250	4.02

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

E: Result exceeded calibration range, secondary dilution required.

J: Indictes the concentration is estimated.

ND: Analyte not detected above laboratory reporting limit

1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-21-3-5'	GP-21-18-20'	GP-22-3-5'	GP-22-10-12'	GP-23-4-6'	GP-23-10-12'	GP-23-10-12' DUP	GP-24-3-5'
Sampling Date	**RSCO**	**4/27/2005 16:45**	**4/27/2005 16:45**	**4/28/2005 9:30**	**4/28/2005 9:30**	**4/28/2005 14:00**	**4/28/2005 14:00**	**4/28/2005 14:00**	**4/28/2005 15:00**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B									
Benzene	0.06			**0.86** J		**0.67**			**0.54** J
Ethylbenzene	5.5								
Isopropylbenzene	2.3					0.37			0.25 J
Naphthalene	13			0.51 J					0.27 J
n-Butylbenzene	10					0.47			
N-Propylbenzene	3.7	ND[1](R)	ND[1](R)		ND	0.44	ND	ND	0.39 J
p-Isopropyltoluene	10								
sec-Butylbenzene	10					0.25			0.32 J
tert-Butylbenzene	10								
Toluene	1.5			0.58 J					
1,2,4-Trimethylbenzene	10			0.9 J		1.5			1.0 J
1,3,5-Trimethylbenzene	3.3			0.49 J		0.7			0.63 J
Xylenes, Total	1.2			**2.0** J		1.1			0.73 J
VOC TOTALS				5.34		5.5			4.13
10 Highest TICs	10			**54.1**	0.127	**50.7**	0.021	0.0846	**45.5**
GC/MS Semi VOA - 8270C									
Acenaphthene	50								
Acenaphthylene	50								
Anthracene	50								
Benzo[a]anthracene	0.224	**0.89**		**0.24**		**0.46**			
Benzo[b]fluoranthene	0.22	**0.83**		0.18					
Benzo[k]fluoranthene	0.22	**0.75**		0.18					
Benzo[g,h,i]perylene	50								
Benzo[a]pyrene	0.061	**0.89**	ND	**0.22**	ND	**0.44**	ND	ND	**0.25**
Chrysene	0.4								
Dibenz(a,h)anthracene	0.0143								
Fluoranthene	50			0.52					
Fluorene	50								
Indeno[1,2,3-cd]pyrene	3.2								
Naphthalene	13								
Phenanthrene	50			0.42					
Pyrene	50			0.62					
SVOC TOTALS		3.36		2.38		0.9			0.25
10 Highest TICs	500	149	0.2	80	0.71	49.6	3.23		164

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

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E: Result exceeded calibration range, secondary dilution required.

J: Indictes the concentration is estimated.

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1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-24-10-12'	GP-25 (4-6')	GP-25 (12-14')	GP-26-9-11'	GP-26-15-17'	GP-27 (8-10')	GP-27 (22-24)	GP-28 2-4'	GP-28 7-9'
Sampling Date	**RSCO**	**4/28/2005 15:00**	**4/29/2005 8:50**	**4/29/2005 8:50**	**4/29/2005 9:30**	**4/29/2005 9:30**	**4/29/2005 14:15**	**4/29/2005 14:15**	**4/29/2005 12:35**	**4/29/2005 12:35**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06									
Ethylbenzene	5.5									
Isopropylbenzene	2.3		0.6 J				0.67 J		**2.5**	1.3
Naphthalene	13									
n-Butylbenzene	10		0.43 J		0.75		1.8 J		7.2	3.5
N-Propylbenzene	3.7		0.87 J	ND		ND	1.1 J	ND		0.49
p-Isopropyltoluene	10									
sec-Butylbenzene	10		0.67 J		0.72		1.1 J		4.8	2.3
tert-Butylbenzene	10								0.39	
Toluene	1.5								0.38	
1,2,4-Trimethylbenzene	10	0.01								
1,3,5-Trimethylbenzene	3.3	0.007								
Xylenes, Total	1.2									
VOC TOTALS		0.017	2.57		1.47		4.67		15.27	7.59
10 Highest TICs	10	0.461	**174**	0.279	**66**	0.1301	**120.4**	0.0555	**349**	**197**
GC/MS Semi VOA - 8270C										
Acenaphthene	50									
Acenaphthylene	50									
Anthracene	50									
Benzo[a]anthracene	0.224	0.077				0.044	**0.64**			
Benzo[b]fluoranthene	0.22	0.057					**0.73**			
Benzo[k]fluoranthene	0.22	0.063					**0.72**			
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	0.058	ND	ND	ND	0.038	**0.77**	ND	ND	ND
Chrysene	0.4									
Dibenz(a,h)anthracene	0.0143	**0.041**					**0.42**			
Fluoranthene	50									
Fluorene	50									
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50						2.4			
Pyrene	50									
SVOC TOTALS		0.296				0.082	5.68			
10 Highest TICs	500	0.59	25.4	0.57	28.4	8.42	153		359	288

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

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J: Indictes the concentration is estimated.

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N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-28 22-24'	GP-29-6-8'	GP-29-6-8 Dup	GP-29-12-14	GP-30-6-8'	GP-30-13-15'	GP-31-10-12'	GP-31-18-20'	GP-32-6-8'
Sampling Date	**RSCO**	**4/29/2005 12:35**	**4/29/2005 10:45**	**4/29/2005 10:45**	**4/29/2005 10:45**	**4/29/2005 11:40**	**4/29/2005 11:40**	**4/27/2005 14:30**	**4/27/2005 14:30**	**4/27/2005 15:30**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06									
Ethylbenzene	5.5									
Isopropylbenzene	2.3		0.0076			0.36	0.0072			
Naphthalene	13		0.0083							
n-Butylbenzene	10		0.018	0.0066		0.29	0.011			
N-Propylbenzene	3.7	ND	0.0082		ND			ND[1](R)	ND[1](R)	ND[1](R)
p-Isopropyltoluene	10									
sec-Butylbenzene	10		0.014	0.0071		0.29	0.0077			
tert-Butylbenzene	10									
Toluene	1.5									
1,2,4-Trimethylbenzene	10									
1,3,5-Trimethylbenzene	3.3									
Xylenes, Total	1.2									
VOC TOTALS			0.0561	0.0137		0.94	0.0259			
10 Highest TICs	10	0.113	1.99	1.35	0.12	**48.1**	1.149			
GC/MS Semi VOA - 8270C										
Acenaphthene	50									
Acenaphthylene	50									
Anthracene	50									
Benzo[a]anthracene	0.224									
Benzo[b]fluoranthene	0.22									
Benzo[k]fluoranthene	0.22									
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.4									
Dibenz(a,h)anthracene	0.0143									
Fluoranthene	50									
Fluorene	50									
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50									
Pyrene	50									
SVOC TOTALS										
10 Highest TICs	500		24.2	22	0.17	39.55	20.7	15.4		0.2

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

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J: Indictes the concentration is estimated.

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1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-32-14-16'	GP-33 8'-10.5'	GP-33 8'-10.5'-DUP	GP-33 18'-20'	GP-34-12'	GP-34-15'	GP-34-17.5'	GP-35-16'	GP-35-22.75'-24'
Sampling Date	**RSCO**	**4/27/2005 15:30**	**4/26/2005 14:00**	**4/26/2005 14:00**	**4/26/2005 14:00**	**4/25/2005 12:10**	**4/25/2005 12:10**	**4/25/2005 12:10**	**4/25/2005 13:15**	**4/25/2005 13:15**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06									
Ethylbenzene	5.5							0.021		
Isopropylbenzene	2.3		0.013 J	0.46 J		0.02		0.016		
Naphthalene	13					0.023		0.083		
n-Butylbenzene	10			0.32 J		0.013				
N-Propylbenzene	3.7	ND[1](R)	0.0078 J	0.48 J	ND		ND			ND
p-Isopropyltoluene	10									
sec-Butylbenzene	10		0.0097 J	0.42 J						
tert-Butylbenzene	10							0.011	0.017 J	
Toluene	1.5									
1,2,4-Trimethylbenzene	10					0.094		0.088		
1,3,5-Trimethylbenzene	3.3					0.017		0.019		
Xylenes, Total	1.2					0.021		0.025		
VOC TOTALS			0.0305	1.68		0.188		0.263	0.017	
10 Highest TICs	10		1.635	**43.4**	0.119	1.247	0.0879	1.204	2.51	0.157
GC/MS Semi VOA - 8270C										
Acenaphthene	50					5.5		7.1		
Acenaphthylene	50									
Anthracene	50							9		
Benzo[a]anthracene	0.224		**0.44**	**0.46**		**2.6**	**0.45**	**7.9**	**2.7**	
Benzo[b]fluoranthene	0.22			**0.54**		**1.4**	**0.56**	**3.1**	**2.3**	
Benzo[k]fluoranthene	0.22			**0.51**		**1.8**		**4.1**	**2.4**	
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	ND	**0.39**	**0.35**	ND	**2.3**	**0.45**	**6.2**	**2.9**	**0.22**
Chrysene	0.4							**8.2**		
Dibenz(a,h)anthracene	0.0143							**0.83**		
Fluoranthene	50					5.4		24	6.1	
Fluorene	50							5.7		
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50					11		28		
Pyrene	50					6.9		19		
SVOC TOTALS			0.83	1.86		36.9	1.46	123.13	16.4	0.22
10 Highest TICs	500		83	45	35	20.9	45.1	60.1	66.8	1.07

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

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D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

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N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-36 5'-7'	GP-36 12'-13.5'	GP-36 18'-20'	GP-37-9'-11'	GP-37-14'-16'	GP37-21'-23'	GP-38-6'-8'	GP-38-10'-12'	GP-38-20'-22'
Sampling Date	**RSCO**	**4/26/2005 15:00**	**4/26/2005 15:00**	**4/26/2005 15:00**	**4/25/2005 14:55**	**4/25/2005 14:55**	**4/25/2005 14:55**	**4/25/2005 16:30**	**4/25/2005 16:30**	**4/25/2005 16:30**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06									
Ethylbenzene	5.5									
Isopropylbenzene	2.3	0.016 J								
Naphthalene	13									
n-Butylbenzene	10	0.028 J	0.02 J							
N-Propylbenzene	3.7			ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	10									
sec-Butylbenzene	10	0.04 J	0.027 J							
tert-Butylbenzene	10									
Toluene	1.5									
1,2,4-Trimethylbenzene	10									
1,3,5-Trimethylbenzene	3.3									
Xylenes, Total	1.2									
VOC TOTALS		0.084	0.047							
10 Highest TICs	10	**10.39**	2.52	0.205	0.0307	0.636	4.7	0	1.93	0.992
GC/MS Semi VOA - 8270C										
Acenaphthene	50									
Acenaphthylene	50									
Anthracene	50									
Benzo[a]anthracene	0.224	**0.39**	**0.88**		**1.7**	**4.0**	**3.1**	**2.6**		
Benzo[b]fluoranthene	0.22	**0.35**			**2.4**	**3.1**	**2.4**	**2.0**		
Benzo[k]fluoranthene	0.22	**0.38**			**1.9**	**3.4**	**2.5**	**2.2**		
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	**0.34**	**0.66**	ND	**2.0**	**3.8**	**2.9**	**2.3**	ND	**0.78**
Chrysene	0.4	**0.47**				**4.3**				
Dibenz(a,h)anthracene	0.0143	**0.1**								
Fluoranthene	50	0.85				9.4	5.3	6.5		
Fluorene	50									
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50	0.63				6.1		4.6		
Pyrene	50	0.54				7.8	4.9	4.5		
SVOC TOTALS		4.05	1.54		8.0	41.9	21.1	24.7		0.78
10 Highest TICs	500	47.5	220	1.29	9.5	78.3	37.5	2.8	87.9	2.8

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

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D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

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1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-39-6'-8'	GP-39-18'-20'	GP-40 9'-11'	GP-40 12'-14'	GP-40 21'-23'	GP-41 8-10'	GP-41 18'-20'	GP-41 22'-24'	GP-42 5'-7'
Sampling Date	**RSCO**	**4/25/2005 15:32**	**4/25/2005 15:32**	**4/26/2005 12:30**	**4/26/2005 12:30**	**4/26/2005 12:30**	**4/26/2005 10:15**	**4/26/2005 10:15**	**4/26/2005 10:15**	**4/26/2005 9:10**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06									**0.82** D
Ethylbenzene	5.5									
Isopropylbenzene	2.3									0.7 D
Naphthalene	13									
n-Butylbenzene	10									
N-Propylbenzene	3.7	ND	ND	ND	ND	ND	ND			1.2 D
p-Isopropyltoluene	10								ND	
sec-Butylbenzene	10							0.012		0.44 D
tert-Butylbenzene	10									
Toluene	1.5									0.37 D
1,2,4-Trimethylbenzene	10									**14** D
1,3,5-Trimethylbenzene	3.3									**4.7** D
Xylenes, Total	1.2									**3.6** D
VOC TOTALS								0.012		25.83
10 Highest TICs	10	0.508	0.0243	0.1139	1.25	0.663	4.49	1.77	0.253	**15.1**
GC/MS Semi VOA - 8270C										
Acenaphthene	50									
Acenaphthylene	50									
Anthracene	50									
Benzo[a]anthracene	0.224	**1.2**					**1.2**	0.056 J		**1.3**
Benzo[b]fluoranthene	0.22	**1.4**					**0.97**	0.093 J		**0.99**
Benzo[k]fluoranthene	0.22	**1.2**					**0.82**			**0.84**
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	**1.2**	ND	ND	ND	ND	**0.99**	**0.09** J	ND	**0.99**
Chrysene	0.4									
Dibenz(a,h)anthracene	0.0143									
Fluoranthene	50									
Fluorene	50									
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50									
Pyrene	50									
SVOC TOTALS		5.0					4.0	0.2		4.1
10 Highest TICs	500	20.9	3.9		164	29.5	190	9.52	2.19	63.7

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

E: Result exceeded calibration range, secondary dilution required.

J: Indictes the concentration is estimated.

ND: Analyte not detected above laboratory reporting limit

1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-42 13'-15'	GP-42 22'-24'	GP-43 5.5'-7.5'	GP-43 8'-10'	GP-43 22'-24'	GP-44 4'-6'	GP-44 14'-16'	GP-45-5-7'	GP-45-14-16'
Sampling Date	**RSCO**	**4/26/2005 9:10**	**4/26/2005 9:10**	**4/26/2005 11:25**	**4/26/2005 11:25**	**4/26/2005 11:25**	**4/26/2005 16:30**	**4/26/2005 16:30**	**4/27/2005 9:30**	**4/27/2005 9:30**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B										
Benzene	0.06	**0.54** J								
Ethylbenzene	5.5									
Isopropylbenzene	2.3				0.012 J					
Naphthalene	13			0.011 J						
n-Butylbenzene	10									
N-Propylbenzene	3.7		ND			ND	ND	ND	ND^1(R)	ND^1(R)
p-Isopropyltoluene	10									
sec-Butylbenzene	10	0.3 J			0.0095 J					
tert-Butylbenzene	10									
Toluene	1.5									
1,2,4-Trimethylbenzene	10									
1,3,5-Trimethylbenzene	3.3				0.023 J					
Xylenes, Total	1.2									
VOC TOTALS		0.84		0.011	0.0445					
10 Highest TICs	10	**21.4**	0.0894	0.951	2.135	0.189	6.21			
GC/MS Semi VOA - 8270C										
Acenaphthene	50									
Acenaphthylene	50									
Anthracene	50									
Benzo[a]anthracene	0.224								**0.4**	
Benzo[b]fluoranthene	0.22							0.039 J	**0.38**	
Benzo[k]fluoranthene	0.22							0.045 J	**0.31**	
Benzo[g,h,i]perylene	50									
Benzo[a]pyrene	0.061	ND	0.041 J	**0.39**	ND	ND	ND	0.049 J	**0.39**	ND
Chrysene	0.4								**0.44**	
Dibenz(a,h)anthracene	0.0143								**0.091**	
Fluoranthene	50								0.94	
Fluorene	50									
Indeno[1,2,3-cd]pyrene	3.2									
Naphthalene	13									
Phenanthrene	50								0.63	
Pyrene	50								0.63	
SVOC TOTALS			0.04	0.39				0.13	4.21	
10 Highest TICs	500	222	31.27	36.1	12.16	34.04	2		6.15	

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

E: Result exceeded calibration range, secondary dilution required.

J: Indictes the concentration is estimated.

ND: Analyte not detected above laboratory reporting limit

1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-46-4-6'	GP-46-10-12'	GP-46-8-10'	GP-47-4-6'	GP-47-8-10'	GP-47-14-16'	GP-48-4-6'	GP-48-7-10'
Sampling Date	**RSCO**	**4/27/2005 10:30**	**4/27/2005 10:30**	**4/27/2005 10:30**	**4/27/2005 11:30**	**4/27/2005 11:30**	**4/27/2005 11:30**	**4/27/2005 12:30**	**4/27/2005 12:30**
Units	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**	**mg/Kg**
GC/MS VOA - 8260B									
Benzene	0.06								
Ethylbenzene	5.5								
Isopropylbenzene	2.3								
Naphthalene	13								
n-Butylbenzene	10								
N-Propylbenzene	3.7	ND[1](R)	ND[1](R)	ND[1](R)	ND[1](R)	ND[1](R)	ND[1](R)	ND[1](R)	ND[1](R)
p-Isopropyltoluene	10								
sec-Butylbenzene	10								
tert-Butylbenzene	10								
Toluene	1.5								
1,2,4-Trimethylbenzene	10								
1,3,5-Trimethylbenzene	3.3								
Xylenes, Total	1.2								
VOC TOTALS									
10 Highest TICs	10								
GC/MS Semi VOA - 8270C									
Acenaphthene	50								
Acenaphthylene	50								
Anthracene	50							1.8 J	
Benzo[a]anthracene	0.224	0.04			**0.87**	**9.9** J	0.054	**3.8** J	0.11
Benzo[b]fluoranthene	0.22				**1.5**	**17** J	0.098	**3.3** J	0.084
Benzo[k]fluoranthene	0.22				**0.91**	**11** J	0.053	**2.7** J	0.083
Benzo[g,h,i]perylene	50				0.85	10 J		2 J	
Benzo[a]pyrene	0.061	0.039	ND	ND	**1.1**	**13** J	0.061	**3.5** J	**0.1**
Chrysene	0.4				**1.4**	**15** J		**3.9** J	
Dibenz(a,h)anthracene	0.0143				**0.05**	**3.6** J		**0.79** J	
Fluoranthene	50				1.3	16 J		9 J	
Fluorene	50								
Indeno[1,2,3-cd]pyrene	3.2				0.75 J	**7.9** J		1.8 J	
Naphthalene	13								
Phenanthrene	50				0.42	4.6 J		7.2 J	
Pyrene	50				1.1	14 J		6.7 J	
SVOC TOTALS		0.08			10.25	122.00	0.27	46.49	0.38
10 Highest TICs	500	0.3			3.48	27.8		11.28	30.8

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

D: Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.

E: Result exceeded calibration range, secondary dilution required.

J: Indictes the concentration is estimated.

ND: Analyte not detected above laboratory reporting limit

1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

TABLE 5-1
SUMMARY OF SOIL ANALYTICAL RESULTS
APRIL 2005
MARCON ERECTORS SITE

Sample ID	NYSDEC	GP-48-14-16'	GP-49-8-10'	GP-49-14-16'
Sampling Date	RSCO	4/27/2005 12:30	4/28/2005 12:25	4/28/2005 12:25
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg
GC/MS VOA - 8260B				
Benzene	0.06		**0.075**	
Ethylbenzene	5.5		0.0094	
Isopropylbenzene	2.3			
Naphthalene	13			
n-Butylbenzene	10			
N-Propylbenzene	3.7	ND[1](R)		ND
p-Isopropyltoluene	10			
sec-Butylbenzene	10			
tert-Butylbenzene	10			
Toluene	1.5			
1,2,4-Trimethylbenzene	10		0.032	
1,3,5-Trimethylbenzene	3.3		0.023	
Xylenes, Total	1.2		0.048	
VOC TOTALS			0.1874	
10 Highest TICs	10		0.126	
GC/MS Semi VOA - 8270C				
Acenaphthene	50			
Acenaphthylene	50			
Anthracene	50			
Benzo[a]anthracene	0.224	0.039 J		
Benzo[b]fluoranthene	0.22			
Benzo[k]fluoranthene	0.22			
Benzo[g,h,i]perylene	50			
Benzo[a]pyrene	0.061	0.031 J	ND	ND
Chrysene	0.4			
Dibenz(a,h)anthracene	0.0143			
Fluoranthene	50			
Fluorene	50			
Indeno[1,2,3-cd]pyrene	3.2			
Naphthalene	13			
Phenanthrene	50			
Pyrene	50			
SVOC TOTALS		0.07		
10 Highest TICs	500		2.66	

NOTES:

Concentrations compared to NYSDEC Technical and Administrative Guidance Memorandum #4046 (TAGM), Recommended Soil Cleanup Objectives (RSCO), December 2000.

Bold indicates compound exceeds criteria.

QUALIFIERS

GC/MS Semi VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

GC/MS VOA

*: LCS, LCSD, MS, MSD, MD, or Surrogate exceeds the control limits

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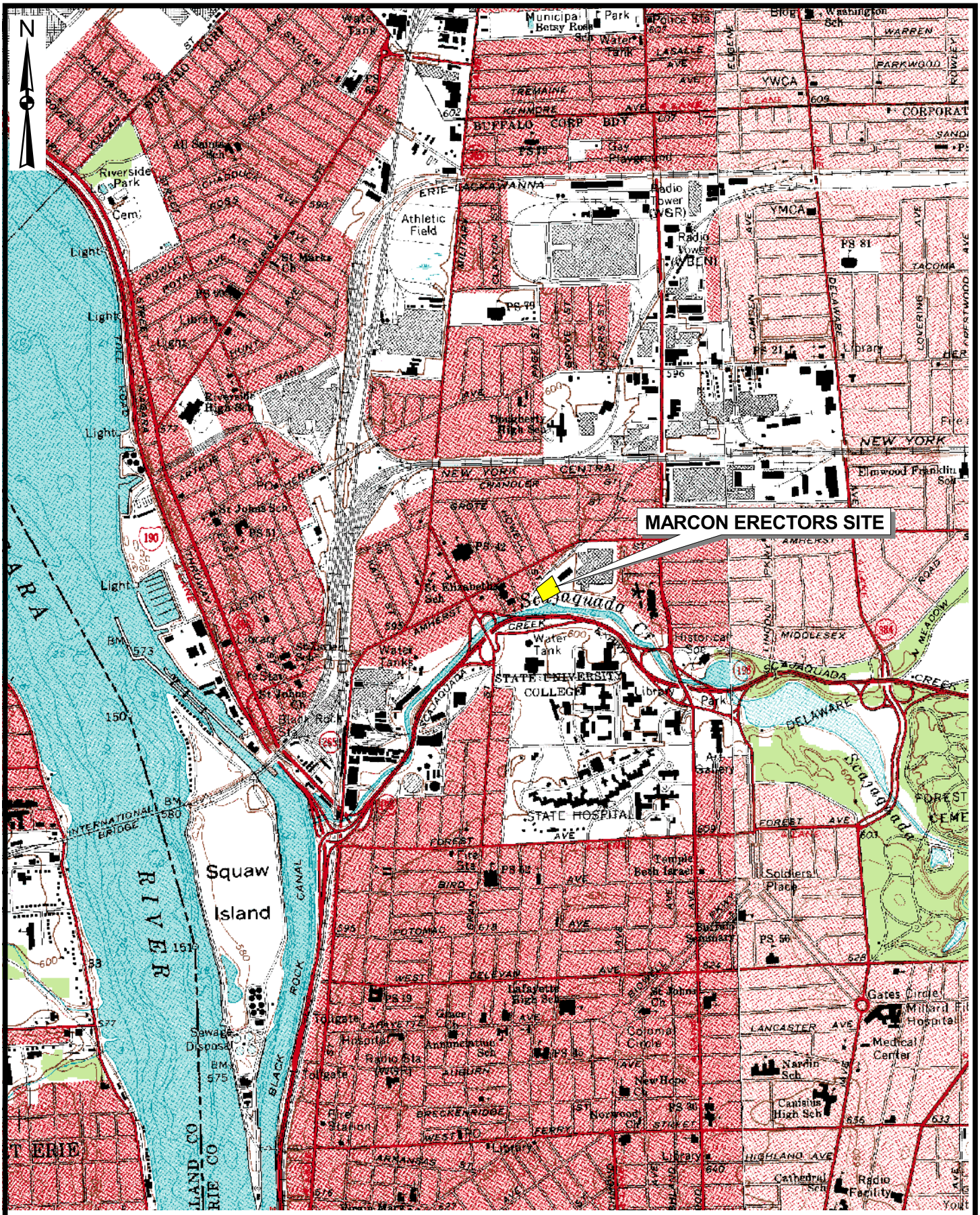
1: Sample analyzed outside of 14-day holding time, results qualified "R" - rejected

N:\37679215.00000\EXCEL\2005 Analytical\[Table 5-1 sample results summary_mod_BB.xls]V&S (hits only2)mg-kgsum-tics

FIGURES



Source: USGS Quadrangle Buffalo NW, 1965
USGS Quadrangle Buffalo NE, 1965

URS

7.5 MINUTE TOPOGRAPHICAL MAP
MARCON ERECTORS SITE

FIGURE 2-1

N:\37679215.00000\DB\gis\marcon.apr MARCON SITE LOCATION
8/2/2005

Legend

Approximate Site Property Line

SOURCE:
NYS Geographic Infomation System Clearinghouse
High Resolution Digital Orthoimagery 2000-2002

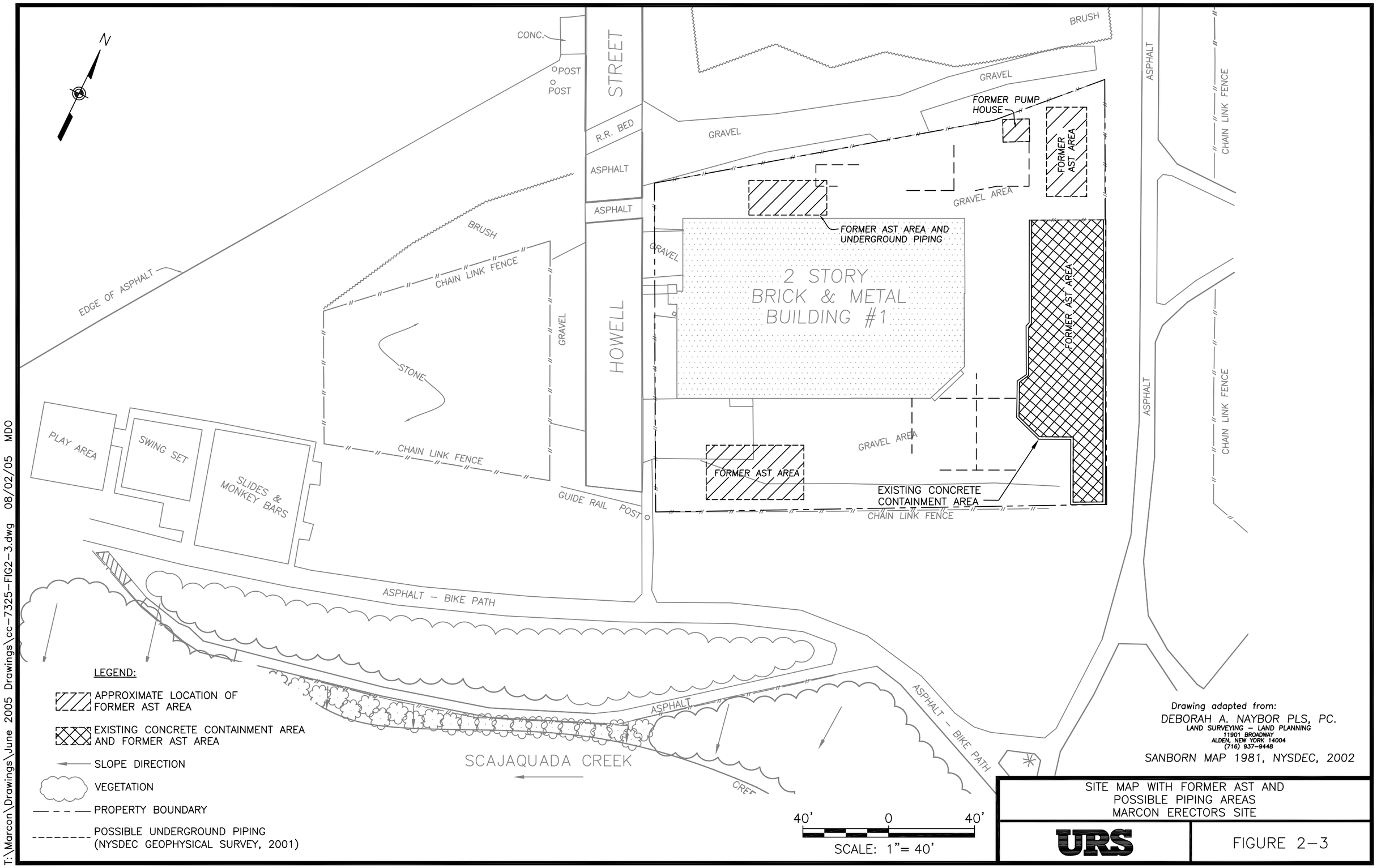
120 60 0 120
Feet

MARCON ERECTORS SITE
SITE LOCATION & VICINITY

URS

FIGURE 2-2

N:\37679215.00000\DB\gis\marcon_erectors.mxd
8/2/2005



T:\Marcon\Drawings\June 2005 Drawings\cc-7325-FIG2-3.dwg 08/02/05 MDO

Drawing adapted from:
DEBORAH A. NAYBOR PLS, PC.
LAND SURVEYING – LAND PLANNING
11901 BROADWAY
ALDEN, NEW YORK 14004
(716) 937-9448
SANBORN MAP 1981, NYSDEC, 2002

SITE MAP WITH FORMER AST AND POSSIBLE PIPING AREAS
MARCON ERECTORS SITE

URS

FIGURE 2-3

N

CONC.

POST

POST

STREET

HOWELL

R.R. BED

ASPHALT

ASPHALT

BRUSH

MW-1

GRAVEL

FORMER PUMP HOUSE

GP-1

GP-2

GRAVEL

SB-6

SB-12A

TP-6

24CL

FORMER AST AREA

GP-3

TP-7

SB-12

GRAVEL AREA

GP-4

SB-16

FORMER AST AREA AND UNDERGROUND PIPING

GRAVEL

2 STORY BRICK & METAL BUILDING #1

TP-5

GP-17

FORMER AST AREA

SB-17

TP-4

GP-16

ASPHALT

36CL

CHAIN LINK FENCE

CHAIN LINK FENCE

EDGE OF ASPHALT

10WN

10WN

10WN

10WN,3B

8AP

BRUSH

SB-3

CHAIN LINK FENCE

10A

12CL

12M

SB-1

30CL

10A

STONE

GRAVEL

18A,3B

12A

18A

GP-9

SB-14

TP-3

TP-1

TP-2

14A

SB-19

ASPHALT

10AP

PLAY AREA

SWING SET

SLIDES & MONKEY BARS

CHAIN LINK FENCE

GP-7

MW-2

GP-6

GP-5

SB-2

3M

12M

SB-13

GUIDE RAIL POST

SB-9

GP-8

FORMER AST AREA

GRAVEL AREA

TP-8

CHAIN LINK FENCE

MW-3

SB-10

10M

10M

10M

10M

SB-18

10M

10M

SB-4

6O

6O

ASPHALT - BIKE PATH

GP-10

GP-14

SB-11

SB-15

GP-15

SB-20B

SB-20

SB-20A

MW-5

GP-11

GP-12

SB-5

GP-13

SB-7

CREEK BED

LEGEND:

SB-8

MW-4

ASPHALT

ASPHALT - BIKE PATH

SB-1 SOIL BORING (NYSDEC, 2001)

MW-2 GROUNDWATER MONITORING WELL (NYSDEC 2001)

GP-3 GEOPROBE BORING (ASHLAND 2003)

TP-4 TEST PIT (NYSDEC, 2001)(APPROX. LOCATION)

PROPERTY BOUNDARY

POSSIBLE UNDERGROUND PIPING (NYSDEC GEOPHYSICAL SURVEY, 2001)

APPROXIMATE LOCATION OF FORMER AST AREA

SCAJAQUADA CREEK

CREEK BED

40' 0 40'

SCALE: 1"= 40'

Drawing adapted from:

DEBORAH A. NAYBOR PLS, PC.
LAND SURVEYING – LAND PLANNING
11901 BROADWAY
ALDEN, NEW YORK 14004
(716) 937-9448

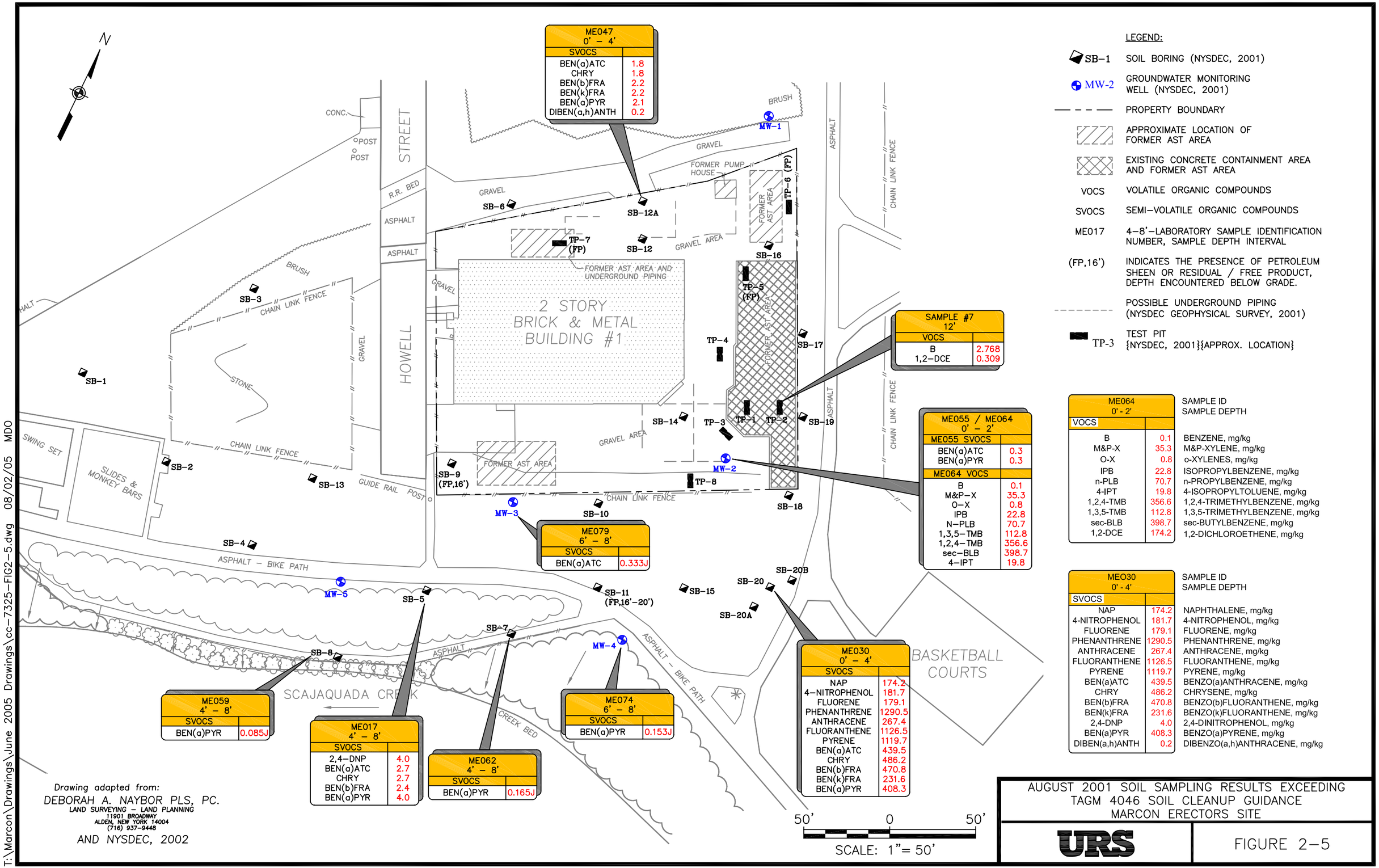
AND NYSDEC, 2002

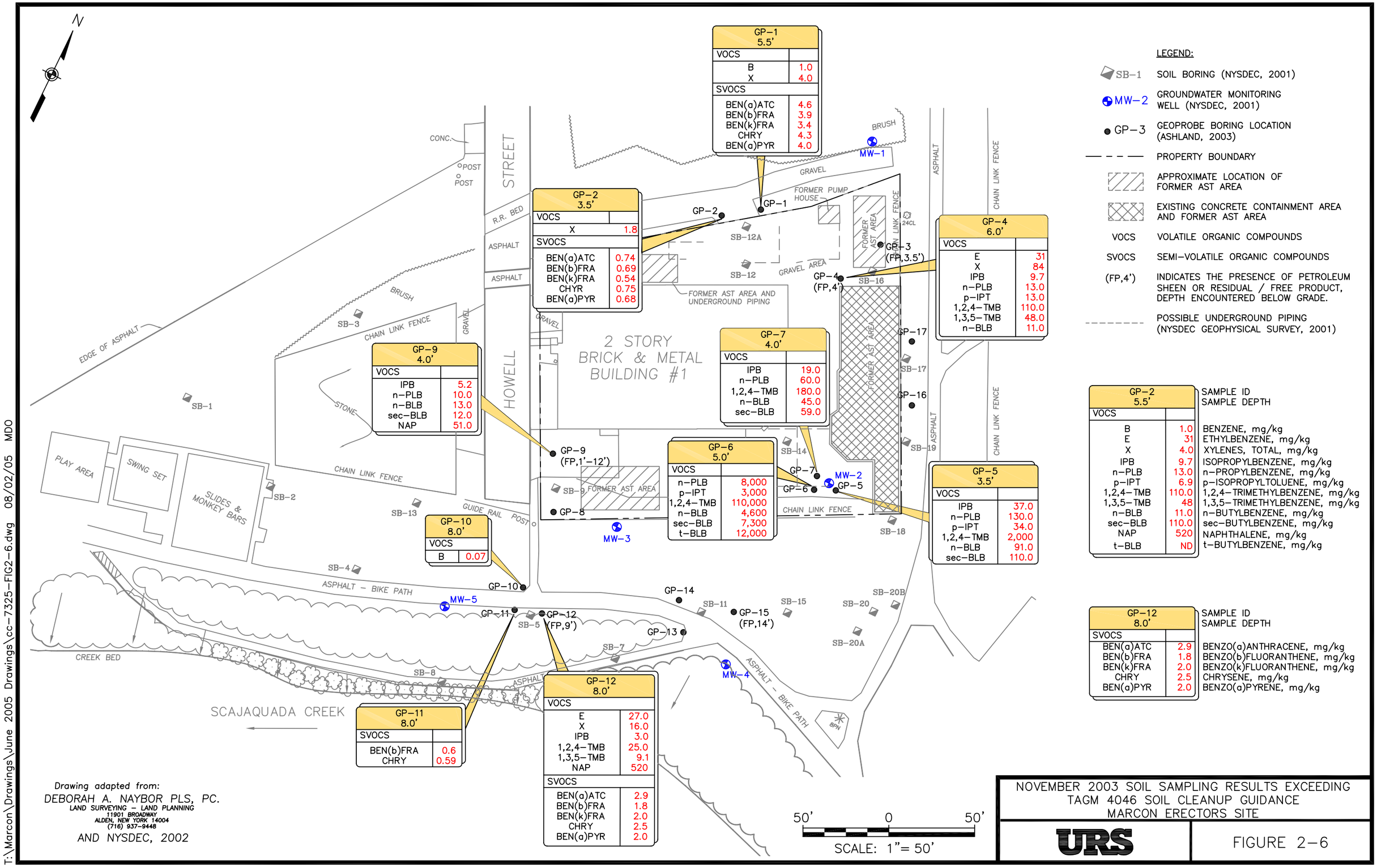
PREVIOUS BORING AND TEST PIT LOCATIONS MARCON ERECTORS SITE

URS

FIGURE 2-4

N:\37679215.00000\CAD\DRAFT\CC-7325-FIG5.dwg 1=1 9/20/05-5 PAL


N
ME047
0' – 4'
SVOCS
BEN(a)ATC 1.8
CHRY 1.8
BEN(b)FRA 2.2
BEN(k)FRA 2.2
BEN(a)PYR 2.1
DIBEN(a,h)ANTH 0.2
SAMPLE #7
12'
VOCS
B 2.768
1,2–DCE 0.309
ME055 / ME064
0' – 2'
ME055 SVOCS
BEN(a)ATC 0.3
BEN(a)PYR 0.3
ME064 VOCS
B 0.1
M&P–X 35.3
O–X 0.8
IPB 22.8
N–PLB 70.7
1,3,5–TMB 112.8
1,2,4–TMB 356.6
sec–BLB 398.7
4–IPT 19.8
ME079
6' – 8'
SVOCS
BEN(a)ATC 0.333J
ME030
0' – 4'
SVOCS
NAP 174.2
4–NITROPHENOL 181.7
FLUORENE 179.1
PHENANTHRENE 1290.5
ANTHRACENE 267.4
FLUORANTHENE 1126.5
PYRENE 1119.7
BEN(a)ATC 439.5
CHRY 486.2
BEN(b)FRA 470.8
BEN(k)FRA 231.6
BEN(a)PYR 408.3
ME059
4' – 8'
SVOCS
BEN(a)PYR 0.085J
ME017
4' – 8'
SVOCS
2,4–DNP 4.0
BEN(a)ATC 2.7
CHRY 2.7
BEN(b)FRA 2.4
BEN(a)PYR 4.0
ME062
4' – 8'
SVOCS
BEN(a)PYR 0.165J
ME074
6' – 8'
SVOCS
BEN(a)PYR 0.153J
LEGEND:
SB–1 SOIL BORING (NYSDEC, 2001)
MW-2 GROUNDWATER MONITORING WELL (NYSDEC, 2001)
PROPERTY BOUNDARY
APPROXIMATE LOCATION OF FORMER AST AREA
EXISTING CONCRETE CONTAINMENT AREA AND FORMER AST AREA
VOCS VOLATILE ORGANIC COMPOUNDS
SVOCS SEMI–VOLATILE ORGANIC COMPOUNDS
ME017 4–8'–LABORATORY SAMPLE IDENTIFICATION NUMBER, SAMPLE DEPTH INTERVAL
(FP,16') INDICATES THE PRESENCE OF PETROLEUM SHEEN OR RESIDUAL / FREE PRODUCT, DEPTH ENCOUNTERED BELOW GRADE.
POSSIBLE UNDERGROUND PIPING (NYSDEC GEOPHYSICAL SURVEY, 2001)
TP-3 TEST PIT {NYSDEC, 2001}{APPROX. LOCATION}
ME064
0' - 2'
VOCS
B 0.1 BENZENE, mg/kg
M&P-X 35.3 M&P-XYLENE, mg/kg
O-X 0.8 o-XYLENES, mg/kg
IPB 22.8 ISOPROPYLBENZENE, mg/kg
n-PLB 70.7 n-PROPYLBENZENE, mg/kg
4-IPT 19.8 4-ISOPROPYLTOLUENE, mg/kg
1,2,4-TMB 356.6 1,2,4-TRIMETHYLBENZENE, mg/kg
1,3,5-TMB 112.8 1,3,5-TRIMETHYLBENZENE, mg/kg
sec-BLB 398.7 sec-BUTYLBENZENE, mg/kg
1,2-DCE 174.2 1,2-DICHLOROETHENE, mg/kg
SAMPLE ID
SAMPLE DEPTH
ME030
0' - 4'
SVOCS
NAP 174.2 NAPHTHALENE, mg/kg
4-NITROPHENOL 181.7 4-NITROPHENOL, mg/kg
FLUORENE 179.1 FLUORENE, mg/kg
PHENANTHRENE 1290.5 PHENANTHRENE, mg/kg
ANTHRACENE 267.4 ANTHRACENE, mg/kg
FLUORANTHENE 1126.5 FLUORANTHENE, mg/kg
PYRENE 1119.7 PYRENE, mg/kg
BEN(a)ATC 439.5 BENZO(a)ANTHRACENE, mg/kg
CHRY 486.2 CHRYSENE, mg/kg
BEN(b)FRA 470.8 BENZO(b)FLUORANTHENE, mg/kg
BEN(k)FRA 231.6 BENZO(k)FLUORANTHENE, mg/kg
2,4-DNP 4.0 2,4-DINITROPHENOL, mg/kg
BEN(a)PYR 408.3 BENZO(a)PYRENE, mg/kg
DIBEN(a,h)ANTH 0.2 DIBENZO(a,h)ANTHRACENE, mg/kg
SAMPLE ID
SAMPLE DEPTH
STREET
HOWELL
CONC.
POST
POST
R.R. BED
ASPHALT
ASPHALT
GRAVEL
BRUSH
FORMER PUMP HOUSE
FORMER AST AREA
TP-6 (FP)
CHAIN LINK FENCE
ASPHALT
GRAVEL
SB-6
SB-12A
TP-7 (FP)
SB-12
GRAVEL AREA
SB-16
FORMER AST AREA AND UNDERGROUND PIPING
2 STORY BRICK & METAL BUILDING #1
TP-5 (FP)
FORMER AST AREA
SB-17
TP-4
SB-3
BRUSH
CHAIN LINK FENCE
GRAVEL
STONE
SB-1
SB-14
TP-3
TP-1
TP-2
SB-19
ASPHALT
CHAIN LINK FENCE
GRAVEL AREA
FORMER AST AREA
MW-2
SB-9 (FP,16')
TP-8
SB-18
SWING SET
SLIDES & MONKEY BARS
SB-2
SB-13
GUIDE RAIL POST
CHAIN LINK FENCE
MW-3
SB-10
SB-4
ASPHALT – BIKE PATH
MW-5
SB-5
SB-11 (FP,16'–20')
SB-15
SB-20
SB-20B
SB-20A
SB-7
SB-8
ASPHALT
MW-4
ASPHALT – BIKE PATH
BASKETBALL COURTS
SCAJAQUADA CREEK
CREEK BED
50' 0 50'
SCALE: 1"= 50'
Drawing adapted from:
DEBORAH A. NAYBOR PLS, PC.
LAND SURVEYING – LAND PLANNING
11901 BROADWAY
ALDEN, NEW YORK 14004
(716) 937–9448
AND NYSDEC, 2002
AUGUST 2001 SOIL SAMPLING RESULTS EXCEEDING TAGM 4046 SOIL CLEANUP GUIDANCE
MARCON ERECTORS SITE
URS
FIGURE 2–5
T:\Marcon\Drawings\June 2005 Drawings\cc–7325–FIG2–5.dwg 08/02/05 MDO



Drawing adapted from:
DEBORAH A. NAYBOR PLS, PC.
LAND SURVEYING - LAND PLANNING
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(716) 937-9448
AND NYSDEC, 2002

NOVEMBER 2003 SOIL SAMPLING RESULTS EXCEEDING TAGM 4046 SOIL CLEANUP GUIDANCE
MARCON ERECTORS SITE

URS

FIGURE 2-6

T:\Marcon\Drawings\June 2005 Drawings\cc-7325-FIG2-6.dwg 08/02/05 MDO

T:\Marcon\Drawings\June 2005 Drawings\cc-7325-2005-Sampling-Loc-FIG4-1.dwg 08/19/05 MDO

N

2 STORY BRICK & METAL BUILDING #1

FORMER AST AREA AND UNDERGROUND PIPING

FORMER AST AREA

FORMER PUMP HOUSE

GRAVEL AREA

HOWELL STREET

R.R. BED

ASPHALT

GRAVEL

BRUSH

STONE

CHAIN LINK FENCE

EDGE OF ASPHALT

POST

PLAY AREA

SWING SET

SLIDES & MONKEY BARS

GUIDE RAIL POST

ASPHALT – BIKE PATH

CREEK BED

SCAJAQUADA CREEK

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-8 SB-9 SB-10 SB-11 SB-12 SB-12A SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17 GP-18 GP-19 GP-20 GP-21 GP-22 GP-23 GP-24 GP-25 GP-26 GP-27 GP-28 GP-29 GP-30 GP-31 GP-32 GP-33 GP-34 GP-35 GP-36 GP-37 GP-38 GP-39 GP-40 GP-41 GP-42 GP-43 GP-44 GP-45 GP-46 GP-47 GP-48 GP-49

MW-2 MW-3 MW-4 MW-5

TP-1 TP-2 TP-3 TP-4 TP-5 TP-6 TP-7 TP-8

LEGEND:

- SB-1 SOIL BORING (NYSDEC, 2001)
- MW-2 GROUNDWATER MONITORING WELL (NYSDEC, 2001)
- GP-3 GEOPROBE BORING LOCATION (ASHLAND, 2003)
- GP-21 GEOPROBE BORING LOCATION (ASHLAND, 2005)
- *POSSIBLE* UNDERGROUND PIPING *(NYSDEC GEOPHYSICAL SURVEY, 2001)*
- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FORMER AST AREA
- EXISTING CONCRETE CONTAINMENT AREA AND FORMER AST AREA
- TP-4 TEST PIT (NYSDEC, 2001)(APPROX. LOCATION)

40' 0 40'

SCALE: 1"= 40'

Drawing adapted from:
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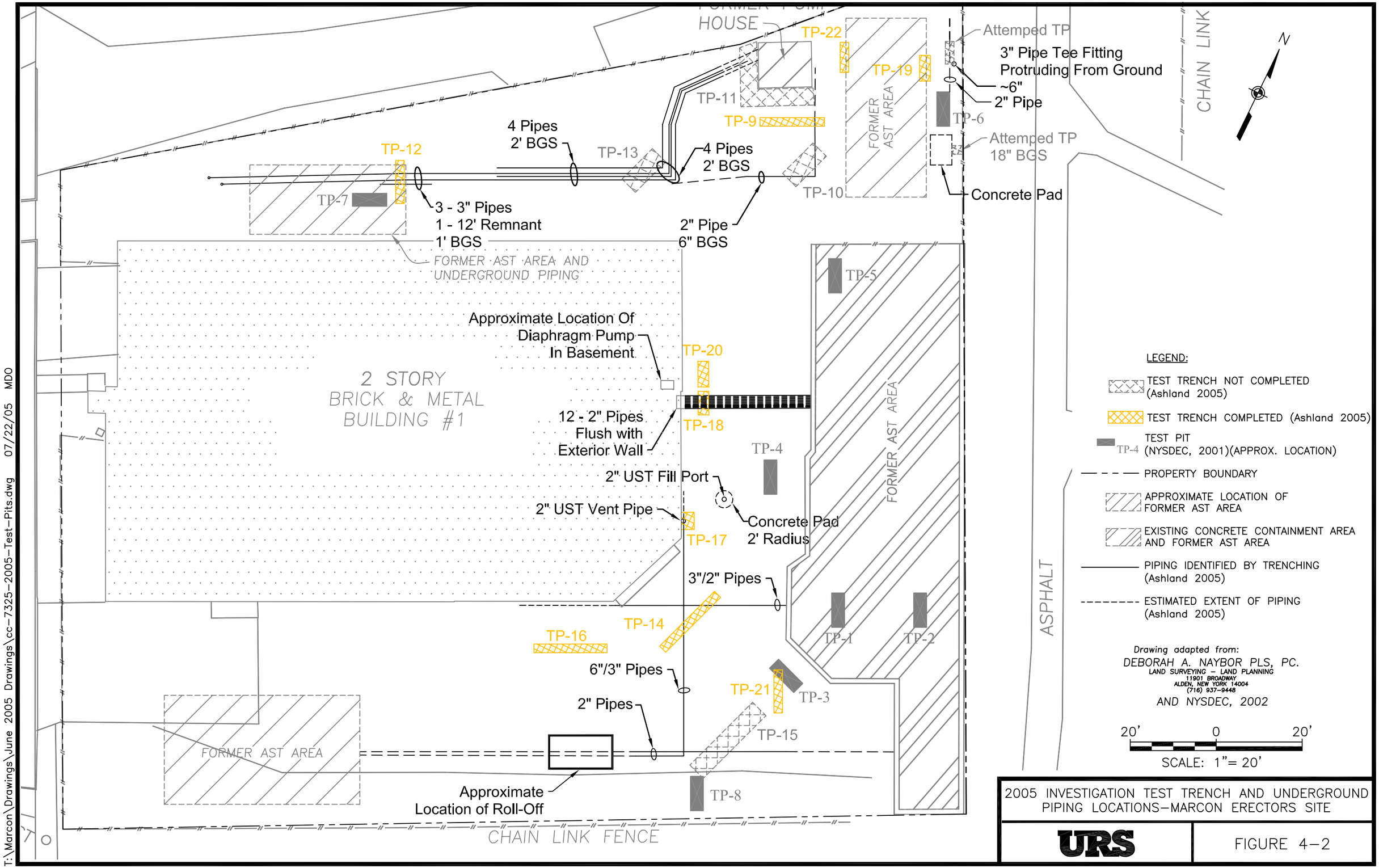
ALDEN, NEW YORK 14004
(716) 937-9448
AND NYSDEC, 2002

2005 INVESTIGATION SAMPLING LOCATIONS MARCON ERECTORS SITE

URS

FIGURE 4-1



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2005 INVESTIGATION TEST TRENCH AND UNDERGROUND PIPING LOCATIONS–MARCON ERECTORS SITE

URS

FIGURE 4–2

T:\Marcon\Drawings\June 2005 Drawings\cc-7325-FIG5-1.dwg 08/02/05 MDO

N

2 STORY BRICK & METAL BUILDING #1

FORMER AST AREA AND UNDERGROUND PIPING

FORMER AST AREA

FORMER PUMP HOUSE

FORMER AST AREA

FORMER AST AREA

GRAVEL AREA

GRAVEL AREA

HOWELL STREET

R.R. BED

ASPHALT

ASPHALT

GRAVEL

GRAVEL

GRAVEL

GRAVEL

BRUSH

STONE

EDGE OF ASPHALT

CHAIN LINK FENCE

CHAIN LINK FENCE

CHAIN LINK FENCE

CHAIN LINK FENCE

CHAIN LINK FENCE

CHAIN LINK FENCE

ASPHALT

ASPHALT

ASPHALT – BIKE PATH

ASPHALT – BIKE PATH

ASPHALT

CREEK BED

SCAJAQUADA CREEK

GUIDE RAIL POST

POST

POST

PLAY AREA

SWING SET

SLIDES & MONKEY BARS

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-8 SB-9 SB-10 SB-11 SB-12 SB-12A SB-13 SB-14 SB-15 SB-16 SB-17 SB-18 SB-19 SB-20

MW-2 MW-3 MW-4 MW-5

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17 GP-18 GP-20 GP-21 GP-22 GP-23 GP-24 GP-25 GP-26 GP-27 GP-28 GP-29 GP-30 GP-31 GP-32 GP-33 GP-34 GP-35 GP-36 GP-37 GP-38 GP-39 GP-40 GP-41 GP-42 GP-43 GP-44 GP-45 GP-46 GP-47 GP-48 GP-49

A

A'

B

B'

LEGEND:

- SB-1 SOIL BORING (NYSDEC, 2001)
- MW-2 GROUNDWATER MONITORING WELL (NYSDEC, 2001)
- GP-3 GEOPROBE BORING LOCATION (ASHLAND, 2003)
- GP-21 GEOPROBE BORING LOCATION (ASHLAND, 2005)
- *POSSIBLE* UNDERGROUND PIPING *(NYSDEC GEOPHYSICAL SURVEY, 2001)*
- PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF FORMER AST AREA
- EXISTING CONCRETE CONTAINMENT AREA AND FORMER AST AREA

40' 0 40'

SCALE: 1"= 40'

Drawing adapted from:

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11901 BROADWAY
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AND NYSDEC, 2002

SITE MAP SHOWING CROSS SECTION LINE
MARCON ERECTORS SITE

URS

FIGURE 5-1

South - A

A' - North

ELEVATION AMSL

600
595
590
585
580
575
570
565

GP-38 (594.1)
GP-40 Offset West 11' (594.8)
GP-41 Offset East 4' (594.8)
GP-26 (595.5)
GP-25 Offset East 4' (596.0)
GP-24 Offset West 14' (597.5)
GP-18 (597.4) Offset East 21'
GP-23 (597.9) Offset West 19'
GP-20 Offset West 17' (598.4)
GP-44 (599.8) Offset East 24'
GP-19 (598.5)

S1 (6'-8')
(11') S2 (10'-12')
S3 (20'-22')
(9.5') S1 (9'-11')
S2 (12'-14')
S3 (21'-23')
(8') S1 (8'-10')
S2 (18'-20')
S3 (22'-24')
(9') S1 (9'-11')
S2 (15'-17')
(4') S1 (4'-6')
S2 (12'-14')
(3') S1 (3'-5')
S2 (10'-12')
(4') S1 (3.5'-5.5')
S2 (10'-12')
(3') S1 (4'-6')
S2 (10'-12')
(4') S1 (4'-6')
S2 (10'-12')
(ND) S1 (4'-6')
S2 (14'-16')
S1 (3.5'-5')
(6') S2 (14'-16')

0 20 FEET

VERTICAL EXAGGERATION = 4X

LEGEND

- FILL: CLAY, CLAYEY SILT, SILTY CLAY, F-C SAND, GRAVEL, COAL, SLAG, WOOD, CONCRETE, GLASS, BRICK, ASH.
- FILL: ASH, DEBRIS, GLASS, CERAMIC, SOME GRAVEL, BRICK.
- FILL: SLAG, CHARCOAL.
- NATIVE MATERIAL: SILTY CLAY TO CLAY TILL. SOME F-C GRAVEL, GREY VERTICAL SILT VEINING.
- GEOLOGIC CONTACT - DASHED WHERE INFERRED
- (594.1) SURFACE ELEVATION ABOVE MEAN SEA LEVEL (AMSL)
- (11') ▽ WATER LEVEL (DEPTH BELOW GROUND SURFACE)
- (ND) GROUNDWATER NOT DETERMINED
- S1 (6'-8') SOIL SAMPLED COLLECTED FOR LABORATORY ANALYSIS (DEPTH BELOW GROUND SURFACE)

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GEOLOGIC CROSS SECTION A–A'
SOUTH TO NORTH–MARCON ERECTORS SITE

URS

FIGURE 5–2

West - B

B' - East

ELEVATION AMSL

600
595
590
585
580
575
570
565

GP-31 (593.5)
GP-33 Offset South 12' (594.3)
GP-27 (595.9) Offset North 8'
GP-36 Offset South 23' (594.2)
GP-28 Offset North 8' (595.2)
GP-41 (594.8)
GP-42 Offset North 4' (595.0)
GP-43 (596.1)

(10') ▽
S1 (10'-12')
S2 (18'-20')

S1 (8'-10.5')
▽ (13.3')
S2 (18'-20')

(8') ▽
S1 (8'-10')

▽ (6')
S1 (5'-7')
S2 (12'-13.5')
S2 (22'-24')

▽ (6.5')
S1 (2'-4')
S2 (7'-9')
S3 (18'-20')
S3 (22'-24')

(8') ▽
S1 (8'-10')
S2 (18'-20')
S3 (22'-24')

(6') ▽
S1 (5'-7')
S2 (13'-15')
S3 (22'-24')

S1 (5.5'-7.5') ▽ (7')
S2 (8'-10')
S3 (22'-24')

0 20 FEET

VERTICAL EXAGGERATION = 4X

LEGEND

- FILL: CLAY, CLAYEY SILT, SILTY CLAY, F-C SAND, GRAVEL, COAL, SLAG, WOOD, CONCRETE, GLASS, BRICK, ASH.
- FILL: ASH, DEBRIS, GLASS, CERAMIC, SOME GRAVEL, BRICK.
- FILL: SLAG, CHARCOAL.
- NATIVE MATERIAL: SILTY CLAY, SOME GRAVEL
- NATIVE MATERIAL: SILTY SAND, F-C ANGULAR GRAVEL
- NATIVE MATERIAL: SILT, SOME CLAY, TRACE OF SAND AND GRAVEL.
- NATIVE MATERIAL: SILTY CLAY TO CLAY TILL. SOME F-C GRAVEL, GREY VERTICAL SILT VEINING.
- GEOLOGIC CONTACT - DASHED WHERE INFERRED
- (593.5) SURFACE ELEVATION ABOVE MEAN SEA LEVEL (AMSL)
- (8') ▽ WATER LEVEL (DEPTH BELOW GROUND SURFACE)
- S1 (10'-12') SOIL SAMPLED COLLECTED FOR LABORATORY ANALYSIS (DEPTH BELOW GROUND SURFACE)

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GEOLOGIC CROSS SECTION B–B'
WEST TO EAST–MARCON ERECTORS SITE

URS

FIGURE 5–3

LEGEND:

MW-2 GROUNDWATER MONITORING WELL (NYSDEC, 2001)

GP-21 GEOPROBE BORING LOCATION (ASHLAND, 2005)

PROPERTY BOUNDARY

APPROXIMATE LOCATION OF FORMER AST AREA

EXISTING CONCRETE CONTAINMENT AREA AND FORMER AST AREA

2.5 – INDICATES COMPOUND EXCEEDS NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL AND ADMINISTRATIVE GUIDANCE MEMORANDUM NO. 4046 (TAGM 4046)

D – COMPOUNDS ANALYZED AT DILUTION

J – INDICATES CONCENTRATION IS ESTIMATED.

TOTAL TIC'S DETECTED RESULTS ARE SUMMARIZED FROM THE TOTAL TEN HIGHEST TIC'S DETECTED.

ALL RESULTS IN MG/KG

GP-45

ANALYTE	04/27/2005 5.0'–7.0'	04/27/2005 14.0'–16.0'
ND	ND	ND
Total VOC's Detected	ND	ND
Total TIC's Detected		

GP-20

ANALYTE	04/28/2005 4.0'–6.0'	04/28/2005 10.0'–12.0'
Benzene	1.1	
Ethylbenzene	2.5	
Isopropylbenzene	1.6	
Naphthalene	0.33	
N–Propylbenzene	1.8	
p–Isopropyltoluene	1.2	ND
sec–Butylbenzene	0.64	
Toluene	1.2	
1,2,4–Trimethylbenzene	5.2	
1,3,5–Trimethylbenzene	4.9	
Xylenes, Total	12	
Total VOC's Detected	32.47	
Total TIC's Detected	100.9	0.0946

GP-19

ANALYTE	04/28/2005 3.5'–5.5'	04/28/2005 14.0'–16.0'
ND	ND	ND
Total VOC's Detected	0.108	0.0204
Total TIC's Detected		

GP-46

ANALYTE	04/27/2005 4.0'–6.0'	04/27/2005 8.0'–10.0'	04/27/2005 10.0'–12.0'
ND	ND	ND	ND
Total VOC's Detected	ND	ND	ND
Total TIC's Detected			

GP-44

ANALYTE	04/26/2005 4.0'–6.0'	04/26/2005 14.0'–16.0'
ND	ND	ND
Total VOC's Detected	6.21	ND
Total TIC's Detected		

GP-23

ANALYTE	04/28/2005 4.0'–6.0'	04/28/2005 10.0'–12.0'
Benzene	0.67	
Isopropylbenzene	0.37	
n–Butylbenzene	0.47	
N–Propylbenzene	0.44	ND
sec–Butylbenzene	0.25	
1,2,4–Trimethylbenzene	1.5	
1,3,5–Trimethylbenzene	0.7	
Xylenes, Total	1.1	
Total VOC's Detected	5.5	
Total TIC's Detected	50.7	0.021

GP-47

ANALYTE	04/27/2005 4.0'–6.0'	04/27/2005 8.0'–10.0'	04/27/2005 14.0'–16.0'
ND	ND	ND	ND
Total VOC's Detected	ND	ND	ND
Total TIC's Detected			

GP-48

ANALYTE	04/27/2005 4.0'–6.0'	04/27/2005 7.0'–10.0'	04/27/2005 14.0'–16.0'
ND	ND	ND	ND
Total VOC's Detected	ND	ND	ND
Total TIC's Detected			

GP-18

ANALYTE	04/28/2005 3.5'–5.5'	04/28/2005 10.0'–12.0'
Isopropylbenzene	0.78	
n–Butylbenzene	2.1	
N–Propylbenzene	0.82	
sec–Butylbenzene	2	ND
tert–Butylbenzene	0.56	
1,2,4–Trimethylbenzene	0.73	
1,3,5–Trimethylbenzene	0.47	
Total VOC's Detected	7.44	
Total TIC's Detected	137	0.009

GP-22

ANALYTE	04/28/2005 3.0'–5.0'	04/28/2005 10.0'–12.0'
Benzene	0.86 J	
Naphthalene	0.51 J	
Toluene	0.58 J	
1,2,4–Trimethylbenzene	0.9 J	ND
1,3,5–Trimethylbenzene	0.49 J	
Xylenes, Total	2.0 J	
Total VOC's Detected	5.34	
Total TIC's Detected	54.1	0.127

GP-21

ANALYTE	04/27/2005 3.0'–5.0'	04/27/2005 18.0'–20.0'
ND	ND	ND
Total VOC's Detected	ND	ND
Total TIC's Detected		

GP-24

ANALYTE	04/28/2005 3.0'–5.0'	04/28/2005 10.0'–12.0'
Benzene	0.54 J	
Isopropylbenzene	0.25 J	
Naphthalene	0.27 J	
N–Propylbenzene	0.39 J	
sec–Butylbenzene	0.32 J	
1,2,4–Trimethylbenzene	1.0 J	0.01
1,3,5–Trimethylbenzene	0.63 J	0.007
Xylenes, Total	0.73 J	
Total VOC's Detected	4.13	0.017
Total TIC's Detected	45.5	0.461

GP-29

ANALYTE	04/29/2005 6.0'–8.0'	04/29/2005 12.0'–14.0'
Isopropylbenzene	0.0076	
Naphthalene	0.0083	
n–Butylbenzene	0.018	ND
N–Propylbenzene	0.0082	
sec–Butylbenzene	0.014	
Total VOC's Detected	0.0561	
Total TIC's Detected	1.99	0.12

GP-30

ANALYTE	04/29/2005 6.0'–8.0'	04/29/2005 13.0'–15.0'
Isopropylbenzene	0.36	0.0072
n–Butylbenzene	0.29	0.011
sec–Butylbenzene	0.29	0.0077
Total VOC's Detected	0.94	0.0259
Total TIC's Detected	48.1	1.149

GP-49

ANALYTE	04/28/2005 8.0'–10.0'	04/28/2005 14.0'–16.0'
Benzene	0.075	
Ethylbenzene	0.0094	
1,2,4–Trimethylbenzene	0.032	ND
1,3,5–Trimethylbenzene	0.023	
Xylenes, Total	0.048	
Total VOC's Detected	0.1874	
Total TIC's Detected	0.126	ND

GP-25

ANALYTE	04/29/2005 4.0'–6.0'	04/29/2005 12.0'–14.0'
Isopropylbenzene	0.6 J	
n–Butylbenzene	0.43 J	
N–Propylbenzene	0.87 J	ND
sec–Butylbenzene	0.67 J	
Total VOC's Detected	2.57	
Total TIC's Detected	174	0.279

GP-26

ANALYTE	04/29/2005 9.0'–11.0'	04/29/2005 15.0'–17.0'
n–Butylbenzene	0.75	ND
sec–Butylbenzene	0.72	
Total VOC's Detected	1.47	
Total TIC's Detected	66	0.1301

GP-32

ANALYTE	04/27/2005 6.0'–8.0'	04/27/2005 14.0'–16.0'
ND	ND	ND
Total VOC's Detected	ND	ND
Total TIC's Detected		

GP-31

ANALYTE	04/27/2005 10.0'–12.0'	04/27/2005 18.0'–20.0'
ND	ND	ND
Total VOC's Detected	ND	ND
Total TIC's Detected		

GP-27

ANALYTE	04/29/2005 8.0'–10.0'	04/29/2005 22.0'–24.0'
Isopropylbenzene	0.67 J	
n–Butylbenzene	1.8 J	
N–Propylbenzene	1.1 J	ND
sec–Butylbenzene	1.1 J	
Total VOC's Detected	4.67	
Total TIC's Detected	120.4	0.0555

GP-33

ANALYTE	04/26/2005 8.0'–10.5'	04/26/2005 18.0'–20.0'
Isopropylbenzene	0.013 J	
N–Propylbenzene	0.0078 J	ND
sec–Butylbenzene	0.0097 J	
Total VOC's Detected	0.0305	
Total TIC's Detected	1.635	0.119

GP-34

ANALYTE	04/25/2005 12.0'	04/25/2005 15.0'	04/25/2005 17.5'
Ethylbenzene			0.021
Isopropylbenzene	0.02		0.016
Naphthalene	0.023		0.083
n–Butylbenzene	0.013	ND	
tert–Butylbenzene			0.011
1,2,4–Trimethylbenzene	0.094		0.088
1,3,5–Trimethylbenzene	0.017		0.019
Xylenes, Total	0.021		0.025
Total VOC's Detected	0.188		0.263
Total TIC's Detected	1.247	0.0879	1.204

GP-39

ANALYTE	04/25/2005 6.0'–8.0'	04/25/2005 18.0'–20.0'
ND	ND	ND
Total VOC's Detected	0.508	0.0243
Total TIC's Detected		

GP-35

ANALYTE	04/28/2005 16.0'	04/28/2005 22.75'–24.0'
tert–Butylbenzene	0.017 J	ND
Total VOC's Detected	0.017	
Total TIC's Detected	2.51	0.157

GP-36

ANALYTE	04/26/2005 5.0'–7.0'	04/26/2005 12.0'–13.5'	04/26/2005 18.0'–20.0'
Isopropylbenzene	0.016 J		
n–Butylbenzene	0.028 J	0.02 J	ND
sec–Butylbenzene	0.04 J	0.027 J	
Total VOC's Detected	0.084	0.047	
Total TIC's Detected	10.39	2.52	0.205

GP-40

ANALYTE	04/26/2005 9.0'–11.0'	04/26/2005 12.0'–14.0'	04/26/2005 21.0'–23.0'
ND	ND	ND	ND
Total VOC's Detected	0.1139	1.25	0.663
Total TIC's Detected			

GP-41

ANALYTE	04/26/2005 8.0'–10.0'	04/26/2005 18.0'–20.0'	04/26/2005 22.0'–24.0'
sec–Butylbenzene	ND	0.012	ND
Total VOC's Detected	4.49	0.012	
Total TIC's Detected		1.77	0.253

GP-42

ANALYTE	04/26/2005 5.0'–7.0'	04/26/2005 13.0'–15.0'	04/26/2005 22.0'–24.0'
Benzene	0.82 D	0.54 J	
Isopropylbenzene	0.7 D		
N–Propylbenzene	1.2 D		
sec–Butylbenzene	0.44 D	0.3 J	ND
Toluene	0.37 D		
1,2,4–Trimethylbenzene	14 D		
1,3,5–Trimethylbenzene	4.7 D		
Xylenes, Total	3.6 D		
Total VOC's Detected	25.83	0.84	
Total TIC's Detected	15.1	21.4	0.0894

GP-43

ANALYTE	04/26/2005 5.5'–7.5'	04/26/2005 8.0'–10.0'	04/26/2005 22.0'–24.0'
Isopropylbenzene		0.012 J	
Naphthalene	0.011 J	0.0095 J	ND
sec–Butylbenzene		0.023 J	
1,3,5–Trimethylbenzene			
Total VOC's Detected	0.011	0.0445	
Total TIC's Detected	0.951	2.135	0.189

GP-37

ANALYTE	04/25/2005 9.0'–11.0'	04/25/2005 14.0'–16.0'	04/25/2005 21.0'–23.0'
ND	ND	ND	ND
Total VOC's Detected	0.0307	0.636	4.7
Total TIC's Detected			

GP-28

ANALYTE	04/29/2005 2.0'–4.0'	04/29/2005 7.0'–9.0'	04/29/2005 22.0'–24.0'
Isopropylbenzene	2.5	1.3	
n–Butylbenzene	7.2	3.5	
N–Propylbenzene		0.49	ND
sec–Butylbenzene	4.8	2.3	
tert–Butylbenzene	0.39		
Toluene	0..38		
Total VOC's Detected	15.27	7.59	
Total TIC's Detected	349	197	0.113

GP-17 GP-18 GP-19 GP-20 GP-21 GP-22 GP-23 GP-24 GP-25 GP-26 GP-27 GP-28 GP-29 GP-30 GP-31 GP-32 GP-33 GP-34 GP-35 GP-36 GP-37 GP-38 GP-39 GP-40 GP-41 GP-42 GP-43 GP-44 GP-45 GP-46 GP-47 GP-48 GP-49

MW-1 MW-2 MW-3 MW-4 MW-5

2 STORY BRICK & METAL BUILDING #1

FORMER AST AREA AND UNDERGROUND PIPING

FORMER PUMP HOUSE

FORMER AST AREA

GRAVEL GRAVEL AREA ASPHALT ASPHALT – BIKE PATH BRUSH R.R. BED HOWELL CHAIN LINK FENCE GUIDE RAIL POST CREEK BED SCAJAQUADA CREEK SCAJAQUADA EXPRESSWAY

70' 0 70'

SCALE: 1"= 70'

N

Drawing adapted from:
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LAND SURVEYING – LAND PLANNING
11901 BROADWAY
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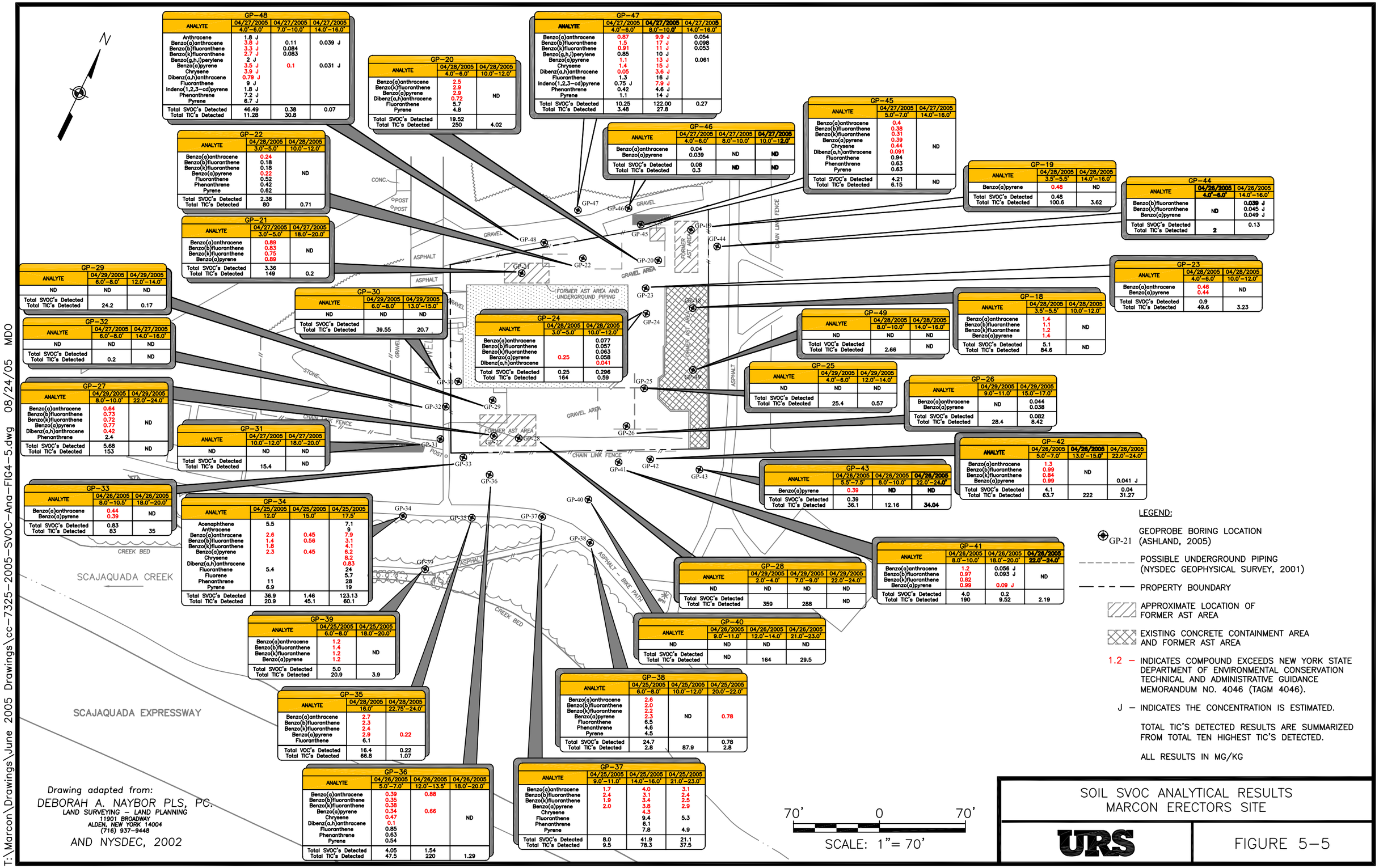
(716) 937–9448
AND NYSDEC, 2002

SOIL VOC ANALYTICAL RESULTS
MARCON ERECTORS SITE

URS

FIGURE 5–4

T:\Marcon\Drawings\June 2005 Drawings\cc–7325–2005–VOC–Ana–FIG5–4.dwg 08/24/05 MDO


GP-48
ANALYTE | 04/27/2005 4.0'–6.0' | 04/27/2005 7.0'–10.0' | 04/27/2005 14.0'–16.0'
Anthracene 1.8 J
Benzo(a)anthracene 3.8 J
Benzo(b)fluoranthene 3.3 J
Benzo(k)fluoranthene 2.7 J
Benzo(g,h,i)peryiene 2 J
Benzo(a)pyrene 3.5 J | 0.1 | 0.031 J
Chrysene 3.9 J
Dibenz(a,h)anthracene 0.79 J
Fluoranthene 9 J
Indeno(1,2,3–cd)pyrene 1.8 J
Phenanthrene 7.2 J
Pyrene 6.7 J
0.11 | 0.039 J
0.084
0.083
Total SVOC's Detected 46.49 | 0.38 | 0.07
Total TIC's Detected 11.28 | 30.8
GP-20
ANALYTE | 04/28/2005 4.0'–6.0' | 04/28/2005 10.0'–12.0'
Benzo(a)anthracene 2.5
Benzo(k)fluoranthene 2.9
Benzo(a)pyrene 2.9
Dibenz(a,h)anthracene 0.72 | ND
Fluoranthene 5.7
Pyrene 4.8
Total SVOC's Detected 19.52
Total TIC's Detected 250 | 4.02
GP-47
ANALYTE | 04/27/2005 4.0'–6.0' | 04/27/2005 8.0'–10.0' | 04/27/2005 14.0'–16.0'
Benzo(a)anthracene 0.87 | 9.9 J | 0.054
Benzo(b)fluoranthene 1.5 | 17 J | 0.098
Benzo(k)fluoranthene 0.91 | 11 J | 0.053
Benzo(g,h,i)peryiene 0.85 | 10 J
Benzo(a)pyrene 1.1 | 13 J | 0.061
Chrysene 1.4 | 15 J
Dibenz(a,h)anthracene 0.05 | 3.6 J
Fluoranthene 1.3 | 16 J
Indeno(1,2,3–cd)pyrene 0.75 J | 7.9 J
Phenanthrene 0.42 | 4.6 J
Pyrene 1.1 | 14 J
Total SVOC's Detected 10.25 | 122.00 | 0.27
Total TIC's Detected 3.48 | 27.8
GP-45
ANALYTE | 04/27/2005 5.0'–7.0' | 04/27/2005 14.0'–16.0'
Benzo(a)anthracene 0.4
Benzo(b)fluoranthene 0.38
Benzo(k)fluoranthene 0.31
Benzo(a)pyrene 0.39
Chrysene 0.44 | ND
Dibenz(a,h)anthracene 0.091
Fluoranthene 0.94
Phenanthrene 0.63
Pyrene 0.63
Total SVOC's Detected 4.21 | ND
Total TIC's Detected 6.15
GP-46
ANALYTE | 04/27/2005 4.0'–6.0' | 04/27/2005 8.0'–10.0' | 04/27/2005 10.0'–12.0'
Benzo(a)anthracene 0.04
Benzo(a)pyrene 0.039 | ND | ND
Total SVOC's Detected 0.08 | ND | ND
Total TIC's Detected 0.3
GP-22
ANALYTE | 04/28/2005 3.0'–5.0' | 04/28/2005 10.0'–12.0'
Benzo(a)anthracene 0.24
Benzo(b)fluoranthene 0.18
Benzo(k)fluoranthene 0.18
Benzo(a)pyrene 0.22 | ND
Fluoranthene 0.52
Phenanthrene 0.42
Pyrene 0.62
Total SVOC's Detected 2.38
Total TIC's Detected 80 | 0.71
GP-19
ANALYTE | 04/28/2005 3.5'–5.5' | 04/28/2005 14.0'–16.0'
Benzo(a)pyrene 0.48 | ND
Total SVOC's Detected 0.48
Total TIC's Detected 100.6 | 3.62
GP-44
ANALYTE | 04/26/2005 4.0'–6.0' | 04/26/2005 14.0'–16.0'
Benzo(b)fluoranthene 0.039 J
Benzo(k)fluoranthene ND | 0.045 J
Benzo(a)pyrene 0.049 J
Total SVOC's Detected 0.13
Total TIC's Detected 2
GP-21
ANALYTE | 04/27/2005 3.0'–5.0' | 04/27/2005 18.0'–20.0'
Benzo(a)anthracene 0.89
Benzo(b)fluoranthene 0.83
Benzo(k)fluoranthene 0.75 | ND
Benzo(a)pyrene 0.89
Total SVOC's Detected 3.36
Total TIC's Detected 149 | 0.2
GP-23
ANALYTE | 04/28/2005 4.0'–6.0' | 04/28/2005 10.0'–12.0'
Benzo(a)anthracene 0.46
Benzo(a)pyrene 0.44 | ND
Total SVOC's Detected 0.9
Total TIC's Detected 49.6 | 3.23
GP-29
ANALYTE | 04/29/2005 6.0'–8.0' | 04/29/2005 12.0'–14.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 24.2 | 0.17
GP-30
ANALYTE | 04/29/2005 6.0'–8.0' | 04/29/2005 13.0'–15.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 39.55 | 20.7
GP-24
ANALYTE | 04/28/2005 3.0'–5.0' | 04/28/2005 10.0'–12.0'
Benzo(a)anthracene 0.077
Benzo(b)fluoranthene 0.057
Benzo(k)fluoranthene 0.063
Benzo(a)pyrene 0.25 | 0.058
Dibenz(a,h)anthracene 0.041
Total SVOC's Detected 0.25 | 0.296
Total TIC's Detected 164 | 0.59
GP-49
ANALYTE | 04/28/2005 8.0'–10.0' | 04/28/2005 14.0'–16.0'
ND | ND | ND
Total VOC's Detected
Total TIC's Detected 2.66 | ND
GP-18
ANALYTE | 04/28/2005 3.5'–5.5' | 04/28/2005 10.0'–12.0'
Benzo(a)anthracene 1.4
Benzo(b)fluoranthene 1.1
Benzo(k)fluoranthene 1.2 | ND
Benzo(a)pyrene 1.4
Total SVOC's Detected 5.1
Total TIC's Detected 84.6 | ND
GP-32
ANALYTE | 04/27/2005 6.0'–8.0' | 04/27/2005 14.0'–16.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 0.2 | ND
GP-25
ANALYTE | 04/29/2005 4.0'–6.0' | 04/29/2005 12.0'–14.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 25.4 | 0.57
GP-26
ANALYTE | 04/29/2005 9.0'–11.0' | 04/29/2005 15.0'–17.0'
Benzo(a)anthracene ND | 0.044
Benzo(a)pyrene | 0.038
Total SVOC's Detected 0.082
Total TIC's Detected 28.4 | 8.42
GP-27
ANALYTE | 04/29/2005 8.0'–10.0' | 04/29/2005 22.0'–24.0'
Benzo(a)anthracene 0.64
Benzo(b)fluoranthene 0.73
Benzo(k)fluoranthene 0.72
Benzo(a)pyrene 0.77
Dibenz(a,h)anthracene 0.42 | ND
Phenanthrene 2.4
Total SVOC's Detected 5.68
Total TIC's Detected 153 | ND
GP-31
ANALYTE | 04/27/2005 10.0'–12.0' | 04/27/2005 18.0'–20.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 15.4 | ND
GP-42
ANALYTE | 04/26/2005 5.0'–7.0' | 04/26/2005 13.0'–15.0' | 04/26/2005 22.0'–24.0'
Benzo(a)anthracene 1.3
Benzo(b)fluoranthene 0.99
Benzo(k)fluoranthene 0.84 | ND
Benzo(a)pyrene 0.99 | 0.041 J
Total SVOC's Detected 4.1 | 0.04
Total TIC's Detected 63.7 | 222 | 31.27
GP-43
ANALYTE | 04/26/2005 5.5'–7.5' | 04/26/2005 8.0'–10.0' | 04/26/2005 22.0'–24.0'
Benzo(a)pyrene 0.39 | ND | ND
Total SVOC's Detected 0.39
Total TIC's Detected 36.1 | 12.16 | 34.04
GP-33
ANALYTE | 04/26/2005 8.0'–10.5' | 04/26/2005 18.0'–20.0'
Benzo(a)anthracene 0.44
Benzo(a)pyrene 0.39 | ND
Total SVOC's Detected 0.83
Total TIC's Detected 83 | 35
GP-34
ANALYTE | 04/25/2005 12.0' | 04/25/2005 15.0' | 04/25/2005 17.5'
Acenaphthene 5.5 | 7.1
Anthracene | 9
Benzo(a)anthracene 2.6 | 0.45 | 7.9
Benzo(b)fluoranthene 1.4 | 0.56 | 3.1
Benzo(k)fluoranthene 1.8 | 4.1
Benzo(a)pyrene 2.3 | 0.45 | 6.2
Chrysene | 8.2
Dibenz(a,h)anthracene | 0.83
Fluoranthene 5.4 | 24
Fluorene | 5.7
Phenanthrene 11 | 28
Pyrene 6.9 | 19
Total SVOC's Detected 36.9 | 1.46 | 123.13
Total TIC's Detected 20.9 | 45.1 | 60.1
GP-28
ANALYTE | 04/29/2005 2.0'–4.0' | 04/29/2005 7.0'–9.0' | 04/29/2005 22.0'–24.0'
ND | ND | ND
Total SVOC's Detected
Total TIC's Detected 359 | 288 | ND
GP-41
ANALYTE | 04/26/2005 8.0'–10.0' | 04/26/2005 18.0'–20.0' | 04/26/2005 22.0'–24.0'
Benzo(a)anthracene 1.2 | 0.056 J
Benzo(b)fluoranthene 0.97 | 0.093 J | ND
Benzo(k)fluoranthene 0.82
Benzo(a)pyrene 0.99 | 0.09 J
Total SVOC's Detected 4.0 | 0.2
Total TIC's Detected 190 | 9.52 | 2.19
GP-39
ANALYTE | 04/25/2005 6.0'–8.0' | 04/25/2005 18.0'–20.0'
Benzo(a)anthracene 1.2
Benzo(b)fluoranthene 1.4
Benzo(k)fluoranthene 1.2 | ND
Benzo(a)pyrene 1.2
Total SVOC's Detected 5.0
Total TIC's Detected 20.9 | 3.9
GP-40
ANALYTE | 04/26/2005 9.0'–11.0' | 04/26/2005 12.0'–14.0' | 04/26/2005 21.0'–23.0'
ND | ND | ND | ND
Total SVOC's Detected
Total TIC's Detected ND | 164 | 29.5
GP-35
ANALYTE | 04/28/2005 16.0' | 04/28/2005 22.75'–24.0'
Benzo(a)anthracene 2.7
Benzo(b)fluoranthene 2.3
Benzo(k)fluoranthene 2.4
Benzo(a)pyrene 2.9 | 0.22
Fluoranthene 6.1
Total VOC's Detected 16.4 | 0.22
Total TIC's Detected 66.8 | 1.07
GP-38
ANALYTE | 04/25/2005 6.0'–8.0' | 04/25/2005 10.0'–12.0' | 04/25/2005 20.0'–22.0'
Benzo(a)anthracene 2.6
Benzo(b)fluoranthene 2.0
Benzo(k)fluoranthene 2.2
Benzo(a)pyrene 2.3 | ND | 0.78
Fluoranthene 6.5
Phenanthrene 4.6
Pyrene 4.5
Total SVOC's Detected 24.7 | 0.78
Total TIC's Detected 2.8 | 87.9 | 2.8
GP-36
ANALYTE | 04/26/2005 5.0'–7.0' | 04/26/2005 12.0'–13.5' | 04/26/2005 18.0'–20.0'
Benzo(a)anthracene 0.39 | 0.88
Benzo(b)fluoranthene 0.35
Benzo(k)fluoranthene 0.38
Benzo(a)pyrene 0.34 | 0.66 | ND
Chrysene 0.47
Dibenz(a,h)anthracene 0.1
Fluoranthene 0.85
Phenanthrene 0.63
Pyrene 0.54
Total SVOC's Detected 4.05 | 1.54
Total TIC's Detected 47.5 | 220 | 1.29
GP-37
ANALYTE | 04/25/2005 9.0'–11.0' | 04/25/2005 14.0'–16.0' | 04/25/2005 21.0'–23.0'
Benzo(a)anthracene 1.7 | 4.0 | 3.1
Benzo(b)fluoranthene 2.4 | 3.1 | 2.4
Benzo(k)fluoranthene 1.9 | 3.4 | 2.5
Benzo(a)pyrene 2.0 | 3.8 | 2.9
Chrysene | 4.3
Fluoranthene | 9.4 | 5.3
Phenanthrene | 6.1
Pyrene | 7.8 | 4.9
Total SVOC's Detected 8.0 | 41.9 | 21.1
Total TIC's Detected 9.5 | 78.3 | 37.5
GP-47
GP-46
GP-45
GP-19
GP-44
GP-48
GP-22
GP-20
GP-21
GP-23
GP-18
GP-24
GP-49
GP-29
GP-30
GP-32
GP-25
GP-26
GP-27
GP-31
GP-42
GP-43
GP-33
GP-34
GP-41
GP-28
GP-39
GP-40
GP-35
GP-38
GP-36
GP-37
CONC.
POST
POST
GRAVEL
GRAVEL AREA
ASPHALT
GRAVEL
FORMER AST AREA AND UNDERGROUND PIPING
FORMER AST AREA
CHAIN LINK FENCE
ASPHALT
STONE
GRAVEL AREA
FORMER AST AREA
CHAIN LINK FENCE
CREEK BED
ASPHALT - BIKE PATH
CREEK BED
SCAJAQUADA CREEK
SCAJAQUADA EXPRESSWAY
LEGEND:
GP-21 GEOPROBE BORING LOCATION (ASHLAND, 2005)
POSSIBLE UNDERGROUND PIPING (NYSDEC GEOPHYSICAL SURVEY, 2001)
PROPERTY BOUNDARY
APPROXIMATE LOCATION OF FORMER AST AREA
EXISTING CONCRETE CONTAINMENT AREA AND FORMER AST AREA
1.2 – INDICATES COMPOUND EXCEEDS NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION TECHNICAL AND ADMINISTRATIVE GUIDANCE MEMORANDUM NO. 4046 (TAGM 4046).
J – INDICATES THE CONCENTRATION IS ESTIMATED.
TOTAL TIC'S DETECTED RESULTS ARE SUMMARIZED FROM TOTAL TEN HIGHEST TIC'S DETECTED.
ALL RESULTS IN MG/KG
70' 0 70'
SCALE: 1"= 70'
Drawing adapted from:
DEBORAH A. NAYBOR PLS, PC.
LAND SURVEYING – LAND PLANNING
11901 BROADWAY
ALDEN, NEW YORK 14004
(716) 937–9448
AND NYSDEC, 2002
SOIL SVOC ANALYTICAL RESULTS
MARCON ERECTORS SITE
URS
FIGURE 5–5
T:\Marcon\Drawings\June 2005 Drawings\cc–7325–2005–SVOC–Ana–FIG4–5.dwg 08/24/05 MDO

APPENDICES

APPENDIX A

COPY OF CITIZEN PARTICIPATION PLAN LETTER

ASHLAND

March 2005

«First» «Last»
«Residence»
«Address»
«City», «State_» «Zip»

Re: Marcon Erectors Informational Fact Sheet

Dear Interested Citizen:

Introduction

Ashland Inc. and the New York State Department of Environmental Conservation (NYSDEC) would like to inform you about an upcoming environmental investigation at the Marcon Erectors property located at 1 Howell Street in Buffalo, New York. The purpose of this fact sheet is to inform the community about upcoming activities at the property.

Site Background

According to historical records, use of the property dates back to 1894 when the Buffalo Robe Factory occupied it. Petroleum-based operations connected to Ashland, occurred on-site from about 1936 to 1971. Roofing operations (B. Hoffmann Roofers) occurred at the site from 1971 to 1980 when the current owner (Marcon Erectors) took occupancy of the property. In 1995, a spill at the site was anonymously reported to the NYSDEC. A NYSDEC investigation found polychlorinated biphenyl (PCB) contaminated sludge in three above-ground storage tanks. The site was placed on the New York State Registry of Inactive Hazardous Waste Disposal Sites. In 2000, NYSDEC removed the PCB contamination from the site. An additional investigation in 2001 confirmed all PCB-related material had been removed; however, the investigation also detected the presence of petroleum-related contamination at the site. Based on the removal of all PCB-related material, a Record of Decision was released on March 29, 2002, removing the site from the New York State Registry of Inactive Hazardous Waste Disposal Sites. Ashland and the NYSDEC are now working together to address the petroleum-related contamination at the site.

Site Investigation 2005

In order to determine the best clean-up approach for the residual petroleum contamination at the property, Ashland will conduct a subsurface soil investigation in Spring 2005. This work will be done according to a work plan approved by the NYSDEC. The investigation will include the site and

ASHLAND

adjacent City of Buffalo owned properties to ensure the full extent of the impacts are understood and a proper remedy is selected.

It is important to Ashland and NYSDEC that this work be properly completed with a minimal impact to the surrounding community. Therefore, work hours will be selected to minimize community disturbance. Fieldwork will begin in about 45 days.

During the investigation, real-time air monitoring will be conducted to make sure adequate air quality is maintained during investigative activities.

Additional Information

Historic records/documents are available for review at the NYSDEC offices located at 270 Michigan Avenue, Buffalo, New York. If you would like to see these documents, please contact Francine Gallego at 716-851-7220 for an appointment.

Contact Information

If you have any questions or would like more information, please do not hesitate to contact:

Ms. Francine Gallego
Project Manager
NYSDEC
270 Michigan Avenue
Buffalo, New York 14203
(716) 851-7220

or

Mr. Jim Vitak
Ashland Inc.
5200 Blazer Parkway
Dublin, Ohio 43017
1-800-274-5263, (select option 1)

APPENDIX B

BORING LOGS

URS Corporation

TEST BORING LOG

BORING NO. : GP-18

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070875.13 **EASTING:** 1067496.78

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 597.4

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Brown	Loose	F-M Sand, f-c gravel, trace brick	Fill		Dry
					Red/Brn	Medium Stiff	Silty Clay, stained		13/38	Moist
					Gray	Loose	Silty Clay, grading to Silt and F-Sand, some gravel, brick. Wet in shoe, petroleum odor noted.	Fill	19.4/140	Wet
-5		S2	NA	100%	Gray/ Black					
					Gray	Soft/Medium Stiff	Gravel, F-C Sand, some silt. NAPL sheen and slight petroleum odor noted.		5.5/17.3	
					Drk. Red Brn/Brn		Silt, some black organic material, f-sand.			Moist
		S3	NA	100%			C-Sand, f-gravel, some brick.	Fill		
-10					Red Brown	Very Stiff	Clay, some silt, trace c-angular gravel. Staining from 5.5 - 6.7 ft.	CL	5.9/9.5	Dry
							Clay (Till), some silt veins, trace f-c gravel.			
							End of Boring at 12 feet bgs.			
-15										
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 3.5-5.5 ft and 10-12 ft. MS/MSD collected at 10-12ft.

BORING NO. : GP-18

URS Corporation

TEST BORING LOG

BORING NO. : GP-19

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070931.82 **EASTING:** 1067467.62

GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 598.5

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	95%	Black	Loose	F-C Sand and Gravel, some coal, brick.	Fill		Dry
					Red Brn	Medium Stiff	Clay (reworked), some silt, gravel.		0/18	Moist
					Gray	Loose	Silt, M-angular Gravel, some wood, f-sand, organic material.		1.2/50.5	
-5		S2	NA	100%				Fill		
						Soft/Medium Stiff	Clayey Silt, some f-gravel, stained.		1/141	Moist/Wet Moist
					Red Brn	Very Stiff/ Hard	Clay (Till), silt veins, some to trace f-gravel. Silt lens at 7.5 ft. bgs.	CL	1/0.5	Dry/Brittle
-10		S3	NA	50%					0.8/0	
		S4	NA	100%						
-15										
							End of Boring at 16 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 3.5-5 ft and 14-16 ft.

BORING NO. : GP-19

URS Corporation

TEST BORING LOG

BORING NO. : GP-20

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070897.78 **EASTING:** 1067454.54

GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 598.4

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Brn	Loose	F-C Sand, gravel, some silt, brick, slag.	Fill		Dry
					Red Brn/ Gray	Medium Stiff/Dense	Clayey Silt, c-gravel lenses. Intermittent reworked till and fill.		290/1800	Moist
-5		S2	NA	88%	D.Brn/ Blk	Loose	F-C Gravel and Sand. Black stained with NAPL, has petroleum odor.	Fill		Wet
					Gray	Soft	Silt with Clay, trace gravel, staining.		630/8300	Moist
					Red Brn	Very Stiff	Clay (Till), some grey silt veining, trace f-sub angular gravel.	CL		Dry/Brittle
-10		S3	NA	88%					24.1/55	
									16.8/37	
-15							End of Boring at 12 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft and 10-12 ft. bgs.

BORING NO. : GP-20

URS Corporation

TEST BORING LOG

BORING NO. : GP-21

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070839.81 **EASTING:** 1067359.25

GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 597.7

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Red Brn	Loose	Silty Clay, brick.	Fill		Dry
					Black		M-C Sand, some f-c subangular gravel. NAPL and petroleum odor observed.			Moist Wet
-5		S2	NA	100%	Gray	Soft	Silty Fine Sand, trace fine gravel, clay. NAPL and petroleum odor observed.	Fill	72/133	
						Stiff				Moist
					Red Brn	Very Stiff	Clayey Silt/Silty Clay. Staining and petroleum odor from 5.4-6.2 ft.	CL	9.5/32	
							Clay (Till)			Dry
		S3	NA	50%			Clay (Till), some silt vertical veins.	CL		
-10										
		S4	NA	75%			Clay (Till), some wet silty lenses. Pushed rock in macrocore shoe.	CL	9.8/146	
-15		S5	NA	75%					3.6/3.7	
									4.8/4.6	
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 3-5 ft and 18-20 ft bgs.

BORING NO. : GP-21

URS Corporation

TEST BORING LOG

BORING NO. : GP-22

PROJECT/PROJECT LOCATION: Marcon Erectors,Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070872.52 **EASTING:** 1067398.72

GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 598.3

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: J. Doe

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Brown	Loose	Sand, silt, gravel, brick. Grades to m-c gravel, coal fragments, slag.	Fill		Dry
					Black		F-C Gravel, coal fragments, slag. NAPL sheen and petroleum odor noted in sampler.			Moist
-5		S2	NA	100%				Fill	55/90.5	Wet
					Gray	Stiff	Silty Clay, some/trace f-subangular gravel. Stained from 5-6.4 ft bgs.		130/289	Moist
					Red Brn		Clay (Till), some silt, trace f-subangular gravel.	CL	23.5/44	Dry
-10		S3	NA	88%		Very Stiff/Hard				
									12.1/19.8	
-15							End of boring at 12 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 3-5 ft and 10-12 ft bgs.

BORING NO. : GP-22

URS Corporation

TEST BORING LOG

BORING NO. : GP-23

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070872.94 **EASTING:** 1067455.28

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	CAS. TYPE	CAS.	SAMPLER	CORE	TUBE
						Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 597.9

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Brn/Blk	Loose	F-C Sand and Gravel, some brick, slag, wood.	Fill		Dry
					Black		Silt and Gravel, some clay, sand. Increasing c-gravel with depth. Petroleum odor and NAPL sheen from 4-5 ft bgs.	Fill	47/96.3	Moist Wet
-5		S2	NA	75%	Gray	Medium Stiff	Silty Clay, trace f-gravel. Black staining observed.		62/105	Moist
		S3	NA	100%	Gray/Brn	Medium Stiff/Stiff		Fill	2.7/5.1	
-10					Red Brn	Very Stiff	Clay (Till), some vertical silt veining.	CL	3.4/17.4	Dry
									4.7/8.7	
-15							End of Boring at 12 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft and 10-12 ft bgs.

BORING NO. : GP-23

URS Corporation

TEST BORING LOG

BORING NO. : GP-24

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070854.57 **EASTING:** 1067464.83

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 597.5

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Black	Loose	F-C Sand and F-M Gravel, some silt, slag, brick.	Fill		Dry
							Gravelly Silt, some clay. NAPL sheen and petroleum odor.		58/199	Wet
-5		S2	NA	100%	Red Brn	Soft	Silty Clay, trace f-gravel.	Fill	10/37	Moist
					Gray/Brn		Silty Clay, trace f-sand, grey mottling. Staining observed.		5.8/29	
		S3	NA	100%				Fill	5.1/17	
-10						Stiff/Very Stiff	Clay (Till), trace f-gravel, trace silt veining.	CL		Dry
									1.5/7	
-15							End of Boring at 12 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 3-5 ft and 10-12 ft bgs.

BORING NO. : GP-24

URS Corporation

TEST BORING LOG

BORING NO. : GP-25

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070799.20 **EASTING:** 1067489.87

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 596.0

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Drk Brn	Loose	Silty Sand, topsoil, gravel.	Fill		Dry
					Gray		Concrete, c-gravel.			
					Med/Red Brn	Medium Stiff	Silt, some clay, organics, trace f-c rounded gravel. Petroleum odor.		20/60	
-5		S2	NA	100%		Soft	Silt, some clay, trace m-sand. Slight petroleum odor and staining.	Fill	380/1350	Moist/Wet
					Drk Rd Brn	Stiff	Silty Clay (Till), trace f-m rounded gravel, trace organics, grey vertical silt veining. Odor and staining noted to 7 ft bgs.	CL		Dry
					Red Brn					
-10		S3	NA	95%			Silty Clay (Till), grey silt vertical veins, trace f-m rounded gravel.	CL	28.7/93	
						Very Stiff/ Hard			24.9/77	
		S4	NA	50%					11.8/49	
-15									22.6/61	
							End of Boring at 16 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft and 12-14 ft bgs.

BORING NO. : GP-25

URS Corporation

TEST BORING LOG

BORING NO. : GP-26

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070765.25 **EASTING:** 1067490.36

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 595.5

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	85%	Drk Brn/Blk	Loose	F-C Sand, gravel, slag, coal fragments.	Fill		Dry
							Silty Clay and gravel. Red/brown staining and petroluem odor.			
					Red/Brn					Moist
					Wht/Gray		Silt, some f-c gravel, concrete, glass fragments. Slight petroleum odor from 4-5 ft bgs.	Fill	171/380	Wet
-5		S2	NA	75%	Drk Brn					
					Red Brn/Red	Medium Stiff/ Soft/Loose	Silty Clay, some gravel, brick.		37/87	Moist
						Soft	Silty Sand grading to Silty Clay, trace gravel, brick. Slight petroluem odor.	Fill	15/53	
		S3	NA	50%	Black	Loose	C-Sand, some silt, gravel. Petroleum odor and NAPL sheen.			Wet
-10					Red Brn	Soft	Silty Clay (Till). Staining from 11-14 ft bgs.	CL	54/112	Moist
		S4	NA	100%		Medium Stiff				
					Red		Silty Clay (Till), some f-c rounded gravel, grey silt veining.	CL	27/255	Dry
-15		S5	NA	25%						
						NA	No recovery from 17 to 20 ft. bgs.			
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 9-11 ft and 15-17 ft bgs.

BORING NO. : GP-26

URS Corporation

TEST BORING LOG

BORING NO. : GP-27

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070710.85 **EASTING:** 1067396.85

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	CAS.	SAMPLER	CORE	TUBE
			TYPE		Macrocore		
			DIA.		2"		
			WT.				
			LENGTH		4"		
			* POCKET PENETROMETER READING				

GROUND ELEVATION: 595.9

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Brn	Loose	F-C Sand, some silt, gravel, slag.	Fill		Dry
							Red Brick			
					Red Gray Black		Gravel		6.3/308	Moist
-5		S2	NA	88%	Gr Brn	Medium Stiff	F-M Sand, some c-gravel, brick fragments. Petroleum odor, NAPL sheen from 4-4.5 ft bgs.	Fill	9.7/22.16	Wet Moist
							Clayey Silt, some fine sand, trace f-gravel. Grades to silty clay. Staining noted.		40/184	
		S3	NA	100%	Black	Loose	C-Sand, brick and gravel. Increasing silt with depth. NAPL and petroleum odor.	Fill	125/1000	Wet
-10					Gray/Brn	Soft	Clayey Silt. Grades to silty clay, trace gravel. Staining noted.	Fill	53/155	Moist
		S4	NA	25%			Silty Clay, intermittent seams of clayey silt/silt. Poor recovery from 12-20 ft bgs.		18/41	
									8/25	
-15		S5	NA	25%		Very Soft			5.7/19	
-20		S6	NA	100%					5.1/50	
					Red Brn	Stiff	Clay (Till), some f-gravel.	CL	5.1/23	Dry
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 8-10 ft (MS/MSD) and 22-24 ft bgs.

BORING NO. : GP-27

URS Corporation

TEST BORING LOG

BORING NO. : GP-28

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 2

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070717.95 **EASTING:** 1067415.87

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	CORE	TUBE
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 595.2

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Brn/Gray	Loose	Silt, sand, gravel, brick, slag. Possible broken concrete at 1 foot.	Fill		Dry
					Blk/Brn		Silt, sand, gravel. Some clay from 3.5-4 ft bgs. Petroleum odor and staining.		264/1290	Wet
-5		S2	NA	90%	Gray/Brn	Soft	Silty Clay, some gravel and sand. Staining and petroleum odor.	Fill		Moist
					Gray/Blk	Loose	Brick, silt, f-m sand, gravel, slag fragments.		95/232 147/390	Wet
		S3	NA	100%	Blk/Brn		Gravel, silt, f-sand. Slight petroleum odor.	Fill	93/253	
-10					Dk Red Brn	Soft/Medium Stiff	Silty Clay, some gravel, brick fragments. Staining, black mottling.		26/70.1	Moist
		S4	NA	100%	Red Brn	Soft	Silty Clay. Increasing clay content with depth from 12-16 ft. Contains silt and fine sand lenses, trace gravel. Material appears reworked. Staining from 16-20 ft bgs.	Fill	21/60	
-15		S5	NA	88%				Fill	8.6/94	
-20		S6	NA	100%				Fill	11/180	
					Red Brn	Stiff	Silty Clay (Till), silt veining.	CL		Dry
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 2-4 ft, 7-9 ft and 22-24 ft bgs.

URS Corporation

TEST BORING LOG

BORING NO. : GP-29

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070736.50 **EASTING:** 1067383.29

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 594.9

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Gray Blk/Brn	Loose	Asphalt and gravel.	Fill	6.4/10.5	Dry
							C-Sand, silt, f-m gravel, slag. Petroleum odor.			
					Drk Brn	Medium Stiff	Silty Clay, some f-m angular gravel. Staining noted, NAPL sheen and petroleum odor from 4-4.5 ft bgs.		153/570	Moist
-5		S2	NA	50%	Drk Red Brn	Soft	Silty Clay, trace f-m gravel, brick. Staining noted.	Fill	36/219	Dry Moist Dry
					Gray Brn		Silty Clay, some f-sand, trace gravel. Staining and petroleum odor noted.			Moist/Wet
-10		S3	NA	100%	Red Brn	Very Stiff/ Hard	Silty Clay (Till), some f-rounded gravel, grey silt veining. NAPL noted on outside of sampler between 8-10 ft bgs.	CL		Dry
		S4	NA	95%		Very Stiff				
-15							End of Boring at 14 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 6-8 ft and 12-14 ft bgs.

BORING NO. : GP-29

URS Corporation

TEST BORING LOG

BORING NO. : GP-30

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 376792487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070738.01 **EASTING:** 1067351.38

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	CAS. TYPE	CAS.	SAMPLER	CORE	TUBE
						Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 594.7

DATE STARTED: 4/29/05

DATE FINISHED: 4/29/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	95%	Red/Blk	Loose	Silt, f-m sand, gravel, brick, coal fragments, trace organics (at depth).	Fill	11/36	Dry
							Silty Clay (reworked) some angular/rounded gravel. Staining and petroleum odor.		1.4/11.7	Moist
-5		S2	NA	100%	Red Brn	Medium Stiff		Fill	2.1/2.3	
					Gray/Brn	Soft/Loose	Silt, some clay, f-sand. Staining and petroleum odor.			Wet
							Silt, some clay. Increasing clay with depth.		79/687	
		S3	NA	95%	Red Brn	Medium Stiff	Silty Clay (Till), some f-subangular gravel. Grey silt veining. Water on outside of sampler from 12-15 ft bgs.	CL	15/41.5	Dry
-10						Very Stiff/ Hard				
		S4	NA	75%					12/33.6	
									35.7/370	
-15							End of Boring at 15 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 6-8 ft and 13-15 ft bgs.

BORING NO. : GP-30

URS Corporation

TEST BORING LOG

BORING NO. : GP-31

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070689.52 **EASTING:** 1067358.89

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 593.5

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	80%			4" of Asphalt, 6" of Concrete.	Fill		
					Blk/Brn to Blk	Loose	Brick, clay, gravel, sand.			Dry
						Soft	Silty Clay, brick. Petroleum odor.		51/86	Moist
-5		S2	NA	88%	Brn/Blk			Fill		
					Brown		Silt, clay, some f-sand, trace gravel. Grades to silty clay, trace sand, to clayey silt. Black sand in shoe. Petroleum odor throughout interval. NAPL sheen at 8 ft bgs.		245/600	
		S3	NA	100%	Green Brn	Medium Stiff	Silt, clay, gravel, brick	Fill	164/390	Wet
					Black		Clay, some f-c gravel.		5/15	Moist
-10							Silt, sand, some clay, brick			Wet
						Loose	Black sand, some plastic, brick. Petroleum odor.	CL	135/270	
		S4	NA	100%	Blk/Brn		Silty Clay, some gravel, sand.	SM	55/150	
					Brn	Medium Stiff	Silt, sand, f-c angular gravel. Slight petroleum odor and NAPL sheen.	ML		Moist
-15							Silt, some clay, trace sand, gravel.		13/65	
		S5	NA	88%	Red Brn	Stiff	Clay (Till), some gravel. Grey vertical silt veining. Cobble layer at 19.2-19.5 ft bgs.	CL		
-20									1.6/0	
							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 10-12 ft and 18-20 ft bgs.

BORING NO. : GP-31

URS Corporation

TEST BORING LOG

BORING NO. : GP-32

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070715.15 **EASTING:** 1067351.32

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 594.2

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Brown / Gray/Brn	Loose	Sand, f-c gravel, brick, silt. Increasing silt with depth.	Fill		Dry
-5		S2	NA	100%	Red/Brn w/Black	Soft	Silt, clay, intermittant f-c gravel, trace brick fragments. Black mottling at 4.5 ft, 5.4 ft, and 6-7 ft. Increasing silt and clay from 7.5-8 ft. Slight petroleum odor and NAPL sheen between 6-7 ft bgs.	Fill	1.2/4.6 77/149	Moist
		S3	NA	75%	Red/Brn / Yellow Brn			Fill	30/82	
							Silt, f-sand, trace clay.	ML	4.5/75	
-10						Stiff	Silt grading to silty clay. Grey vertical silt veining.	ML/CL	10.9/17.5	
		S4	NA	100%		Soft	Silt	ML	1/1.9	Wet
-15						Very Stiff	Clay (Till), gray silt veining.	CL	1/1	Dry
-20							End of Boring at 16 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 6-8 ft (MS/MSD) and 14-16 ft bgs.

BORING NO. : GP-32

URS Corporation

TEST BORING LOG

BORING NO. : GP-33

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070684.19 **EASTING:** 1067382.22

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 594.3

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Lt. Brn	Stiff	Silty Clay, some sand, f-gravel.	Fill		Dry
-5		S2	NA	65%				Fill		
					Gray	Loose	Ash	Fill		Moist
-10		S3	NA	63%	Red Brn	Very Stiff	Silty Clay (Till), trace gravel.	CL	200/-	
		S4	NA	100%					65/-	Wet
-15		S5	NA	100%		Medium Stiff			30/-	Wet
						Very Stiff				Dry
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 8-10.5 ft (Duplicate) and 18-20 ft bgs. FID malfunction,

BORING NO. : GP-33

URS Corporation

TEST BORING LOG

BORING NO. : GP-34

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070619.83 **EASTING:** 1067358.93

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 592.7

DATE STARTED: 4/25/05

DATE FINISHED: 4/25/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Lt. Brn	Stiff	Clay, concrete, cobbles, asphalt. Broken concrete, wood from 6-7 ft bgs.	Fill	0/0	Moist
-5		S2	NA	75%				Fill	0/0	
									0/15	
		S3	NA	75%				Fill		
-10						Medium Stiff	Silt, some glass, wood fragments.			
					Black					
		S4	NA	75%	Drk. Brn		Clayey Silt, trace brick. Shell layer 15-16 ft bgs.	Fill	0/620	
					Black				0/527	
-15					Drk. Gray					
		S5	NA	38%			Silty Clay, some glass, gravel.	Fill	0.25/361	Wet
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 12 ft, 15 ft and 17.5 ft bgs.

BORING NO. : GP-34

URS Corporation

TEST BORING LOG

BORING NO. : GP-35

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070643.12 **EASTING:** 1067409.87

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 593.3

DATE STARTED: 4/25/05

DATE FINISHED: 4/25/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Lt. Brn	Medium Stiff	Silty Clay, some brick and concrete. Ash layer from 7-8 ft bgs.	Fill		Moist
-5		S2	NA	45%				Fill		
						Loose	Ash			
		S3	NA	65%				Fill		Wet
-10					Black	Medium Stiff	Silty Clay		0/10	
						Loose	Ash and debris. NAPL sheen and petroleum odor from 12-13.5 ft bgs.			
		S4	NA	100%				Fill		
						Stiff	Silty Clay			
-15							Ash, with debris, glass.		20/100	
		S5	NA	50%	Drk. Gray	Loose	Clayey Silt	ML		
					Drk. Brn	Medium Stiff	Sandy Silt, some gravel.	SM	0/20	
-20		S6	NA	100%		Loose				
					Olive Brn	Medium Stiff	Clayey Silt	ML	0/25	
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 16 ft and 22.75-24 ft bgs.

BORING NO. : GP-35

URS Corporation

TEST BORING LOG

BORING NO. : GP-36

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: 2"

NORTHING: 1070680.92 **EASTING:** 1067407.57

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	CORE	TUBE
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 594.2

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: 4"

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Lt. Brn	Loose	Silty Clay, some gravel, concrete, slag. Fine sand from 2.3-2.6 ft bgs.	Fill	3/-	Dry
-5		S2	NA	73%		Very Stiff	Silty Clay, trace gravel.	Fill		
						Loose	Ash with debris, slag, brick.			Wet
					Black				9/-	
		S3	NA	18%			Clayey Silt, some glass, debris. NAPL sheen and petroleum odor.	Fill	62/-	
-10		S4	NA	50%				Fill		
					Red/Brn	Medium Stiff	Silty Clay, trace gravel.		65/-	Moist
-15		S5	NA	100%				Fill		
						Very Stiff	Clay (Till), trace c-sand. Sandy gravel between 18-18.5 ft bgs.	CL	150/-	
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid. FID malfunction, PID readings only.
Soil samples collected for STARS VOCs and SVOCs analysis from 5-7 ft, 12-13.5 ft, and 18-20 ft bgs.

BORING NO. : GP-36

URS Corporation

TEST BORING LOG

BORING NO. : GP-37

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070668.71 **EASTING:** 1067460.99

GROUNDWATER:					CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 593.9

DATE STARTED: 4/25/05

DATE FINISHED: 4/25/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Lt. Brn.	Very Stiff	Silty Clay, trace gravel. Dark slag layer at 2 ft. Dark organic material (peat) 2" thick at 3 ft bgs.	Fill	0/0	Slightly Moist
-5		S2	NA	100%				Fill	0/0	
		S3	NA	75%				Fill		
-10					Black	Loose	Debris, angular gravel, glass, brick, wood. NAPL sheen and petroleum odor.		0/87	Wet
		S4	NA	75%	Olive			Fill		
					Lt. Gray		Ash layer.			
-15					Black		Silty Sand. NAPL sheen.		29.6/724	
		S5	NA	100%	Drk. Gray/Blk.		Ash, debris.	Fill		
-20						Medium Stiff	Silt	ML		
		S6	NA	NA			Not recorded.		67/1108	
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 9-11 ft, 14-16 ft, and 21-23 ft bgs.

BORING NO. : GP-37

URS Corporation

TEST BORING LOG

BORING NO. : GP-38

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070666.90 **EASTING:** 1067505.33

GROUNDWATER:				CAS.	SAMPLER	CORE	TUBE
DATE	TIME	LEVEL	TYPE	TYPE		Macrocore		
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 594.1

DATE STARTED: 4/25/05

DATE FINISHED: 4/25/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Lt. Brn.	Loose	Sandy Gravel	Fill		Dry
						Very Stiff	Clay. Slag and asphalt 4.5-5.5 ft bgs. Brick and debris 5.5-6.0 ft bgs.		0/0	Moist
-5		S2	NA	100%				Fill		
		S3	NA	50%				Fill	0/0	
-10					Red Brn.	Loose	Ash, debris, glass. Slight NAPL sheen at 11 ft bgs.		3/4	Wet
		S4	NA	68%				Fill		
						Medium Stiff	Clay			
-15					Gray	Loose	Ash, debris, angular gravel, glass, brick.		7/11	
		S5	NA	65%	Drk. Gray			Fill		
-20									5/13	
		S6	NA	50%	Gray			Fill		
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 6-8 ft, 10-12 ft, and 20-22 ft bgs.

BORING NO. : GP-38

URS Corporation

TEST BORING LOG

BORING NO. : GP-39

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070588.89 **EASTING:** 1067394.04

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 579.9

DATE STARTED: 4/25/05

DATE FINISHED: 4/25/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	68%	Lt. Olive	Loose	Gravel, some silt, sand.	Fill		Moist
					Brown	Medium Dense	Silty Sand		0/80	
-5		S2	NA	100%				Fill		
					Black	Medium Stiff	Clayey Silt		0/60	
		S3	NA	55%				Fill		
-10						Soft				Wet
					Gray					
							Ash, debris. Organic layer, leaves from 13-13.5 ft bgs.		0/40	
		S4	NA	100%	Drk. Gray			Fill		
-15										
					Grn/Brn.		Silty Sand, f-m sand.	ML	0/175	
		S5	NA	100%						
-20							End of Boring at 20 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 6-8 ft, and 18-20 ft bgs.

BORING NO. : GP-39

URS Corporation

TEST BORING LOG

BORING NO. : GP-40

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070697.96 **EASTING:** 1067488.63

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 594.8

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Lt. Brn.	Medium Stiff	Clayey Silt, some gravel, slag, debris. Gravel layer from 0-1.5 ft bgs. Orange stained silt layer from 2.5-3.0 ft bgs.	Fill		Dry
							Clay			Moist
-5		S2	NA	100%		Very Stiff		Fill		
		S3	NA	55%				Fill		
-10					Drk. Gry/Olive	Loose	Ash, debris. NAPL in sampler from 13.0-14.0 ft bgs.		6.5/21.5	Wet
		S4	NA	40%	Drk. Brn./			Fill		
					Drk. Green					
-15					Gray				131/283	
		S5	NA	55%	Drk. Gray					
					Lt. Brn.	Stiff	Clay, trace gravel.	CL		
-20		S6	NA	65%		Loose				
					Lt. Brn/Olive	Medium Stiff	Clayey Silt, trace gravel.	ML	26/44	
									14.5/45	
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 9-11 ft, 12-14 ft, and 21-23 ft bgs.

BORING NO. : GP-40

URS Corporation

TEST BORING LOG

BORING NO. : GP-41

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070736.01 **EASTING:** 1067497.47

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 594.8

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Lt. Brn.	Medium Stiff	Clayey Silt, some ash and debris.	Fill		Dry
					Blk./Wht.	Loose	Slag, charcoal.		0/0	
-5		S2	NA	50%	Black			Fill	12/12	Moist
-10		S3	NA	35%	Lt. Brn.	Medium Stiff	Silty Clay, some glass, trace gravel.	Fill	300/450	Wet
		S4	NA	70%		Stiff	Clay, trace gravel. Layer of glass at 12.5 ft bgs. NAPL sheen on inside of sample sleeve.	Fill		
-15					Lt. Gray	Loose	Ash, some angular gravel, ceramic pieces.		110/172	
		S5	NA	100%	Black			Fill		
					Brown	Very Stiff	Clay, trace sand, gravel.			
-20		S6	NA	100%	Lt. Gray/Blk.	Loose	Ash, debris, f-angular gravel.	Fill	62/340	
					Black					
					Olive	Soft	Clayey Silt, trace gravel, red brick.		197/347	
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 8-10 ft, 18-20 ft, and 22-24 ft bgs.

BORING NO. : GP-41

URS Corporation

TEST BORING LOG

BORING NO. : GP-42

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 376792487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070749.34 **EASTING:** 1067519.55

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 595.0

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	73%	Drk. Brn.	Loose	Silty Clay, some gravel.	Fill		Moist
					Drk. Gray		Ash, cinders, brick, slag.		0/0	
					Brown	Medium Stiff	Silty Clay, some gravel.			
-5		S2	NA	63%				Fill		
					Drk. Gray	Loose	Ash		3/30	Wet
		S3	NA	75%		Medium Stiff	Silty Clay, some glass, trace gravel.	Fill		Moist
-10					Lt. Brn.					
						Loose	Ash		3/10	Wet
		S4	NA	40%				Fill		
									68/150	
-15		S5	NA	30%	Lt. Gray		Ash, debris, glass	Fill		
									150/300	
-20		S6	NA	83%				Fill		
					Brown	Medium Stiff	Clayey Silt, trace wood.			
						Very Stiff	Clay, trace gravel, mottling.	CL		
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 5-7 ft, 13-15 ft, and 22-24 ft bgs.

BORING NO. : GP-42

URS Corporation

TEST BORING LOG

BORING NO. : GP-43

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's way

NORTHING: 1070759.35 **EASTING:** 1067559.21

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 596.1

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Brown	Medium Stiff	Clayey Silt, some gravel, concrete.	Fill		-
					Blk Chalky		Ash, angular debris, glass.			
-5		S2	NA	88%	Lt. Brn.	Very Stiff	Clay, trace f-sand, gravel.	Fill		
					Drk. Brn.					
					Gray	Loose	Ash, debris. Sheen on inside of sleeve noted from 8-10 ft bgs.		3/-	Wet
		S3	NA	100%	Drk. Gray			Fill		-
-10						Medium Stiff	Silty Clay		450/1300	
		S4	NA	75%	Drk. Gray/Blk.	Loose	Angular debris, glass, ash. Sheen noted on water from 12-16 ft bgs.	Fill	5.6/24	
-15									2.65/3.75	
		S5	NA	75%				Fill		
					Drk. Gray/Lt. Gray				100/150	
-20		S6	NA	88%				Fill		
						Medium Stiff	Silt, trace glass.	CL	5.5/20	
						Very Stiff	Clay			
-25							End of Boring at 24 feet bgs.			

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.

URS Corporation

TEST BORING LOG

BORING NO. : GP-44

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070928.959 **EASTING:** 1067492.76

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 599.8

DATE STARTED: 4/26/05

DATE FINISHED: 4/26/05

DRILLER: Jim Davey

GEOLOGIST: Colin Wasteneys

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Lt. Brn.	Loose/Medium Stiff	Clayey Silt, some concrete, gravel. Ash layer 1.3-1.7 ft bgs.	Fill	0/0	Dry
-5		S2	NA	88%	Lt. Gray		Ash, debris.	Fill		
					Red Brn.	Very Stiff	Clay (Till), trace c-gravel, some mottling from 7-8 ft bgs.	CL	3/117	Moist
-10		S3	NA	100%					0/0	
		S4	NA	NA						
-15									0/0	
							End of Boring at 16 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft, and 14-16 ft bgs.

BORING NO. : GP-44

URS Corporation

TEST BORING LOG

BORING NO. : GP-45

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070917.75 **EASTING:** 1067429.11

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 599.7

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	85%	Blk. Brn.	Loose	Topsoil, organics, f-c angular gravel, f-sand.	Fill		Dry
					Red Brn.		Silty Clay (reworked) and organics (wood), some sand, brick fragments.			Moist
		S2	NA	100%			Silty Clay (reworked), some gravel, organics.	Fill		
-5					Black	Stiff	Silty Sand, some organics. Petroleum odor.		0/0	Wet Moist
					Brn. Blk.		Clay (reworked), trace silt, gravel.			
		S3	NA	100%	Red Brn.		Clay (Till), trace f-gravel.	CL		Dry
-10						Very Stiff/ Hard				
		S4	NA	100%			Clay (Till), trace f-subangular gravel. Grey silt vertical veining.		0/0	
-15										
							End of Boring at 16 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 5-7 ft, and 14-16 ft bgs.

BORING NO. : GP-45

URS Corporation

TEST BORING LOG

BORING NO. : GP-46

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 376792487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070925.45 **EASTING:** 1067414.22

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 599.3

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	65%	Drk. Brn.	Loose	F-C Sand, brick fragments, f-c angular gravel.	Fill		Dry
					Red Brn.	Stiff	Clay (reworked) some silt, trace f-gravel.		0/0	
-5		S2	NA	100%	Gray	Loose	Silty M-Sand, some clay, trace f-gravel.	Fill	0/0	Wet
					Brn. Gray	Soft	Silty Clay (reworked), trace sand, f-gravel, organics. Trace black mottling from 7.5-7.8 ft bgs.			Moist
					Red Brn.	Very Soft Stiff			0/0	Wet Dry
-10		S3	NA	95%			Silty Clay (Till), trace f-gravel. Vertical silt veining.	CL	2.5/0	
									4.2/0	
							End of Boring at 12 feet bgs.			
-15										
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft, 8-10 ft, and 10-12 ft bgs.

BORING NO. : GP-46

URS Corporation

TEST BORING LOG

BORING NO. : GP-47

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 376792487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070905.99 **EASTING:** 1067377.95

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 599.0

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	100%	Blk. Brn.	Loose	C-Gravel, f-c sand, organics, brick fragments.	Fill		Moist
					Red Brn.	Stiff	Clay, organics.		1.14/0	
-5		S2	NA	100%	Blk. Brn.	Loose	F-M Sand, silt, trace gravel, brick fragments, organics (peat).	Fill		Wet
					Red Brn.	Stiff	Clay (Till), some silt, f-angular rounded gravel, vertical silt veins.		1.4/0	Dry
		S3	NA	100%	Drk. Brn/Blk.	Loose	Sand, some gravel, brick, organics.	Fill	5.0/0	Wet
-10					Red Brn.	Stiff	Clay (Till), trace f-rounded gravel.	CL	5.0/0	
		S4	NA	88%		Medium Stiff/Stiff	Clay (Till), some vertical silt veining.		4.2/0	Dry/Slightly Moist
-15										Moist
-20							End of Boring at 16 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft, 8-10 ft, and 14-16 ft bgs.

BORING NO. : GP-47

URS Corporation

TEST BORING LOG

BORING NO. : GP-48

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070870.14 **EASTING:** 1067364.87

GROUNDWATER:

DATE	TIME	LEVEL	TYPE

	CAS.	SAMPLER	CORE	TUBE
TYPE		Macrocore		
DIA.		2"		
WT.				
LENGTH		4"		

* POCKET PENETROMETER READING

GROUND ELEVATION: 599.4

DATE STARTED: 4/27/05

DATE FINISHED: 4/27/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	88%	Brn. / Blk./Brn.	Loose	Sand, gravel, brick, coal fragments, slag.	Fill	NA	Dry
		S2	NA	75%	Black		C-Sand, gravel. Strong petroleum odor and NAPL sheen.	Fill	NA	Wet
-5					Red Brn.	Stiff	Gravelly Clay			Dry
						Loose	F-C Sand and F-C Gravel. Strong petroleum odor and NAPL sheen.			Wet
		S3	NA	88%				Fill	NA	
-10						Stiff	Clay, some f-m rounded gravel, organics, vertical silt veining.	CL		Moist/Dry
		S4	NA	75%					NA	Dry
-15										
							End of Boring at 16 feet bgs.			
-20										
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 4-6 ft, 7-10 ft, and 14-16 ft bgs. No vapor screening comp

BORING NO. : GP-48

URS Corporation

TEST BORING LOG

BORING NO. : GP-49

PROJECT/PROJECT LOCATION: Marcon Erectors, Buffalo, New York

SHEET: 1 **OF** 1

CLIENT: Ashland

JOB NO. : 37679487.00000

BORING CONTRACTOR: Nature's Way

NORTHING: 1070829.97 **EASTING:** 1067518.99

GROUNDWATER:

DATE	TIME	LEVEL	TYPE	TYPE	CAS.	SAMPLER	CORE	TUBE
				DIA.		2"		
				WT.				
				LENGTH		4"		
				* POCKET PENETROMETER READING				

GROUND ELEVATION: 594.6

DATE STARTED: 4/28/05

DATE FINISHED: 4/28/05

DRILLER: Jim Davey

GEOLOGIST: Jen Christy

REVIEWED BY: T. Burmeier

DEPTH FEET	STRATA	SAMPLE NO.	SAMPLE BLOW COUNT	REC% / RQD%	COLOR	SOIL CONSISTENCY / ROCK HARDNESS	MATERIAL DESCRIPTION	USCS	PID/FID	REMARKS
0		S1	NA	75%	Red Brn.	Soft/Loose	Clay, organics, gravel, sand lenses.	Fill		Moist
					Brn.					
					Drk. Brn.		Silt, brick f-m gravel, some f-m sand, trace coal. Slight petroleum odor from 3-3.5 ft bgs.		330/1250	
-5		S2	NA	100%	Drk. Red Brn.	Soft	Clay (reworked), silt lenses, f-sand lenses, trace gravel.	Fill	300/810	
		S3	NA	100%	Mottled Brn.		Silty Clay, some f-sand. Sand layer from 8.2-8.4 ft bgs. Staining noted.	Fill	14.5/55 28/160	Wet
-10					Red Brn.	Very Stiff	Clay (Till), some f-gravel, silt veining.	CL	5.2/160	Moist
		S4	NA	75%					3.3/4	Dry
-15										
-20							End of Boring at 16 feet bgs.			
-25										

COMMENTS:
Boring completed with Simco Earthprobe rig. NAPL- Non-Aqueous Phase Liquid.
Soil samples collected for STARS VOCs and SVOCs analysis from 8-10 ft, and 14-16 ft bgs.

BORING NO. : GP-49

APPENDIX C

AIR MONITORING DATA

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Nation Erectors. JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 4/25/05

INSTRUMENT TYPE: Dustrak / MiniRae PID CALIBRATION: 0 gas / 100 PPM Isobutylene
Amount / Component / Date

MODEL NUMBER: SERIAL NUMBER:

SAMPLING TECHNIQUE: Both units Placed within an enclosure.

CALIBRATION DETAILS: Dustrak - Zeroed / MiniRae 98.9 PPM.

SAMPLING INTERVAL: 1 Min

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: -NA-

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
10:55	UPgradient GP-34	0.008 mg/m3	Dust Trak
"	"	0.0 PPM.	PID
11:03	Downgradient GP-34	0.011 MG/M3	D.T.
"	"	0.02 PPM	PID
11:12	"	0.009 mg/m3	D.T
"	"	0.02 PPM	PID
11:12	"	0.009 MG/M3 - Average 0.40:00 Min	
11:20	"	0.008 MG/M3	D.T
"	"	0.02 PPM	PID
11:35	"	0.011 MG/M3	D.T.
11:35	"	0.06 PPM	PID
11:45	"	0.010 MG/M3	D.T.
"		0.03 PPM	PID
12:00	UPgradient GP-35	0.008 MG/M3	D.T
"	"	0.03 PPM	PID
12:01	Downgradient GP-35	0.010 MG/M3	D.T.
"	"	0.04 PPM	PID
12:30	"	0.016 MG/M3	D.T
"	"	0.04 PPM	PID
12:40	"	0.010 MG/M3	D.T
"	"	0.02 PPM.	PID
12:40	"	0.011 - Average 2:06	
12:55	"	0.016 MG/M3	D.T.

INSTRUMENT READING LOG

URS

PROJECT: Ashland/Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 4/25/05

INSTRUMENT TYPE: Dustrak/MiniRaePID CALIBRATION: 0 gas/100PPM Isobutylene
Amount/Component/Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units Placed within an enclosure

CALIBRATION DETAILS: Dustrak Zeored / MiniRae 98.9 PPM

SAMPLING INTERVAL: -

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: /

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
12:58	Downgradient GP-36	0.05 PPM	PID
1:35	Upgradient GP-37	0.011 MG/M3	D.T.
"	"	0.04 PPM	PID
2:05	Downgradient GP-37	0.018 MG/M3	D.T.
"	"	0.05 PPM	PID
2:15	" "	0.024 MG/M3	D.T.
"		0.06 PPM	
"	"	0.013 - Average over 3:43	D.T.
2:32	"	0.016 MG/M3	D.T.
"	"	0.04 PPM	PID
3:00	Downgradient GP-39	0.018 MG/M3	D.T.
"	"	0.04 PPM	PID.
3:15	"	0.021 MG/M3	D.T.
"	"	0.3 PPM	PID
3:40	Upgradient GP-38	0.030	D.T.
"	"	0.4 PPM	PID
3:41	Downgradient GP-38	0.026 MG/M3	D.T.
"	"	0.6 PPM	PID
3:55	"	0.032 MG/M3	D.T.
"	"	0.2 PPM	PID
"	"	0.016 Average MG/M3	5:32 D.T.
4:15	"	0.025 MG/M3	D.T.
"		0.8 PPM	PID
4:30	"	0.017 Average	6:12 D.T.

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: MArcon Erectors
JOB NO.: 37679487.05400
OPERATOR: ND/CW/JC
DATE: 4/26/05
INSTRUMENT TYPE: Dustrak / Mini Rae PID
CALIBRATION: 0 out / 100 PPM Isobutylene
Amount/Component/Date
MODEL NUMBER:
SERIAL NUMBER:
SAMPLING TECHNIQUE: Both units placed within enclosure
CALIBRATION DETAILS: Dustrak - Zeroed / Min Rae 99.6 PPM
SAMPLING INTERVAL: —
BACKGROUND READING: See below
ACTION LEVEL RESPONSE: —

test #3

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
08:15	Upgradient GP-42	0.016 Mg/M3	D.T.
"	"	0.3 PPM.	PID.
08:30	Downgradient GP42.	0.010 Mg/M3	D.T.
"	"	0.1 PPM.	PID
8:47	"	0.020 Mg/M3	D.T.
"	"	0.2 PPM	PID
09:30	UPgradient GP-41	0.012 Mg/M3	D.T.
"	"	0.3 PPM	PID
9:45	Downgradient GP-41	0.027 Mg/M3	D.T.
"	"	0.4 PPM	PID
"	"	0.017 Average	1:35 Runtime
9:55	"	0.012 Mg/M3	D.T.
"	"	0.4 PPM	PID
10:40	UPgradient GP-43	0.020 Mg/M3	D.T.
"	"	0.3 PPM.	PID
10:41	Downgradient GP43	0.019 Mg/M3	D.T.
"	"	0.4 PPM	PID
10:41	"	0.018 Average	2:32 Runtime
11:00	"	0.032 Mg/M3	D.T.
"	"	0.4 PPM.	PID
11:50	Upgradient GP-40	0.011 Mg/M3	D.T.
"	"	0.4 PPM	

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW/SL DATE: 6/26/05

INSTRUMENT TYPE: Dustrak / Mini Rae 2000 CALIBRATION: Zeroed / 100PPM Iso.
Amount/Component/Date

MODEL NUMBER: — SERIAL NUMBER: —

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak zeroed / Mini Rae 99.6 PPM.

SAMPLING INTERVAL: —

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
11:55	Downgradient GP-40	0.011 Mg/M3	D.T
^	^	0.4 PPM	PID
12:15	" "	0.011 Mg/M3	D.T.
^	"	0.4 PPM	PID
13:15	Downgradient GP-33	0.011 Mg/M3	D.T
^	^	0.5 PPM	PID
14:25	Downgradient GP-38	0.008 Mg/M3	D.T.
"	"	0.4 PPM	PID
"	"	0.005 Mg/M3 Average 6.17.	
15:25	UPgradient GP-44	0.014 mg/M3	D.T
^	^	0.5 PPM	PID
^	^	0.014 Average	7.19. Runtime
15:27	Downgradient GP44	0.019 Mg/M3	D.T.
"	"	0.5 PPM	PID
15:45	"	0.008 Mg/M3	D.T
"	"	0.4 PPM.	PID
16:30	"	0.015 mg/M3 Average	8:41 Runtime -
		Average For the day.	

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcon Creators JOB NO.: 37679487.05400

OPERATOR: MD/CW/JC DATE: 4/27/05

INSTRUMENT TYPE: Dustrak / Mini Rae 2000 CALIBRATION: Zeroed / 100PPM IBO
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an Enclosure

CALIBRATION DETAILS: Dustrak zeroed / 103 PPM. Mini Rae

SAMPLING INTERVAL: —

BACKGROUND READING: see below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
test ~~Log~~ #4 0834	upwind GP-45	0.028 mg/m³	DT
		0.2 PPM	PID
0836	downwind GP-45	0.034 mg/m³	DT
"	"	0.2 ppm	PID
09:00	"	0.033 MG/M³	D.T.
"	"	0.2PPM	PID
09:15	"	0.031 MG/M³	D.T.
"	"	0.2 PPM	PID
9:45	DownwindGP-46	0.041 MG/M³	D.T.
"	"	0.2PPM	PID
10:00	"	0.029 MG/M³	D.T.
"	"	0.2PPM	PID
10:45	Upgradient of GP47	0.026 MG/M³	D.T
"	"	0.3PPM	PID
10:47	Downgradient of GP47	0.027 MG/M³	D.T
"	"	0.3 PPM	PID
"	"	0.027 MG/M³ Average 2.37 Runtime	
11:05	"	0.032 MG/M³	D.T.
"	"	0.5 PPM	PID
11:45	"	0.031 MG/M³	D.T.
		0.4 PPM	PID
11:45	Downgradient of GP-48	0.028 MG/M³	D.T.
"	"	0.4 PPM	PID

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcus Erectors JOB NO.: 37649 87.05400

OPERATOR: MD/LW/JC DATE: 4/27/05

INSTRUMENT TYPE: Dustrak / Mini Rae 2000 CALIBRATION: Ozeored / 100 PPM ISO.
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak zeored / 103 PPM Mini Rae

SAMPLING INTERVAL: —

BACKGROUND READING: See bleow

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
11:45	Downgradient GP-48	0.028 mg/M3 Average	3:39 Runtime
12:00	" "	0.025 mg/M3	D.T
"	" "	0.4 PPM	PID
14:00	Downgradient GP-31	0.036 mg/M3	D.T
"	"	0.4 PPM	PID
14:10	" "	0.035 mg/M3	D.T.
"	"	0.4 PPM	PID
14:15	" "	0.035 mg/M3	D.T.
"	"	0.5 PPM.	PID
15:15	Downgradient GP32	0.028 mg/M3	D.T.
"	"	0.4 PPM	PID
16:00	Downgradient GP21	0.032 mg/M3	D.T.
"	"	0.16 PPM	PID
"	"	0.031 mg/M3	7:47 Runtime
16:15	"	0.028 mg/M3	D.T.
"	"	0.5 PPM	PID
16:30	"	0.044 mg/M3	D.T.
"	"	0.4 PPM	PID
"	"	0.031 Average	8:17 Runtime

INSTRUMENT READING LOG

URS

PROJECT: Ashland/Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW/JC DATE: 4/28/05

INSTRUMENT TYPE: Dustrak / MiniRae 2000 CALIBRATION: Zeroed / 100PPM Isobutylene
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak Zeroed / MiniRae 104PPM

SAMPLING INTERVAL: _____

BACKGROUND READING: See below

ACTION ~~LEVEL RESPONSE~~: WIND - 20-25 MPH S/SW

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
KH HS 8:55	Upgradient GP-22	0.043 mg/M3	D.T.
"	"	0.3 PPM	PID
8:56	Downgradient GP-22	0.051 mg/M3	D.T
"	"	0.4 PPM	PID
9:00		0.045 mg/M3	D.T.
"	"	0.3 PPM	PID
9:35	Upgradient GP20	0.044 mg/M3	D.T.
"	"	0.2 PPM	D.T D
9:37	Downgradient GP20	0.041 mg/M3	D.T.
"	"	0.3 PPM	PID
9:47	"	0.043 mg/M3	D.T.
"	"	0.2 PPM	PID
10:00	Upgradient GP19	0.046 mg/M3	~~PID~~ D.T
"	"	0.4 PPM	PID
10:23	Downgradient GP-19	0.062 mg/M3	D.T.
"	"	0.3 PPM	PID
"	"	0.046 mg/M3 AVERAGE	2:16 RUN TIME
10:40	"	0.041 mg/M3	D.T.
"	"	0.6 PPM	PID
11:10	Downgradient GP-13	0.040 mg/M3	D.T.
"	"	0.4 PPM	PID
11:20	"	0.033 mg/M3	D.T.
11:20	"	0.3 PPM	PID

INSTRUMENT READING LOG

URS

PROJECT: ~~Ashland~~/Marcon Erectors JOB NO.: 37 7487.05400

OPERATOR: MD/CW/JC DATE: 4/28/05

INSTRUMENT TYPE: Dustrak/MiniRae 2000 CALIBRATION: Ozeroed / 100 PPM Isobut. (Amount/Component/Date)

MODEL NUMBER: — SERIAL NUMBER: —

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak Zeroed / MiniRae 104 PPM

SAMPLING INTERVAL: —

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
12:16	Downwind GP-49	0.033 mg/m³	D.T.
12:16	" "	0.4 ppm	PID
~~12:48~~	Downwind GP-23	0.030 mg/m³	D.T.
12:48	" "	0.4 ppm	PID
13:35	" "	0.035 mg/m³	D.t
"	"	0.5 PPM	PID
"	"	0.040 Average	5:26 Runtime
14:00	Downgradient GP-24	0.024 mg/M³	D.T.
~~14:36~~ 14:30	"	0.4 PPM	PID
14:30	" "	0.028 mg/M³	D.T
		0.6 PPM	PID
15:00	" "	0.038 mg/M³	D.T.
"	"	0.038 Average	7:10 Runtime
		0.4 PPM.	PID

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland/Marcon Erectors JOB NO.: 3767487.05400

OPERATOR: MD/DW/JC DATE: 4/29/05

INSTRUMENT TYPE: Dust Track CALIBRATION: 0 zeroed / 100 PPM Isobut. (Amount/Component/Date)

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an Enclosure

CALIBRATION DETAILS: calibration factor 1 Dust Trak / 102 PPM Isobut 1/1

SAMPLING INTERVAL: see below

BACKGROUND READING: see below

ACTION LEVEL RESPONSE: _____

lt. wind from S/SW ~ 5-10 MPH.

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
teed #6 0830	Up Wind GP-25	0.035 mg/m³	mg/m³ D.T.
		0.1 ppm	PID
0832	Downwind GP-25	0.033 mg/m³	D.T.
		0.1 ppm	PID
9:45	Upgradient GP-29	0.022 mg/m3	D.T.
"	"	0.2 PPM	PID
10:15	Downgradient GP-29	0.017 mg/m3	D.T
"	"	0.4 PPM	PID
10:30	"	0.017 mg/m3	D.T
"	"	0.3 PPM	PID
MD 10:10	Upgradient GP-30	0.022 mg/m3	D.T.
"	"	0.2 PPM.	PID.
MD 10:45	Downgradient GP-30	0.024 mg/m3	D.T.
"	"	0.4 PPM	PID
"	"	0.025 mg/m3 Average 2.4 Runtime	
MD 10:30	" "	0.026 mg/m3	D.T.
"	"	0.3 PPM	PID
10:50	Upgradient GP-28	0.028 mg/m³	D.T.
	"	0.5 PPM	PID
11:52	Downgradient GP-28	0.029 mg/m3	D.T.
"	"	0.3 PPM	PID
12:00	Downgradient GP-28	0.026 mg/m3	D.T.
"	"	0.4 PPM	PID

INSTRUMENT READING LOG

URS

PROJECT: Ashland/Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/EW/JC DATE: 4/29/05

INSTRUMENT TYPE: Dustrak/MiniRae PID CALIBRATION: 0 Zeroed / 100PPM, Isobutylene
Amount/Component/Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak Zeroed / MiniRae 102 PPM

SAMPLING INTERVAL: See below

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
12:15	Downgradient CP-26	0.030 mg/m3	DT
"	"	0.4 PPM	PID
12:30	"	0.027 mg/m3	DT
"	"	0.3 PPM	PID
13:25	Downgradient CP-27	0.042 mg/m3	DT
"	"	0.5 PPM	PID
"	"	0.027 mg/m3 Average	5:01 Run time
13:40	"	0.031 mg/m3	DT
"	"	0.3 PPM	PID
13:50	"	0.032 mg/m3	DT
"	"	0.4 PPM	PID
14:10	"	0.033 mg/m3	DT
"	"	0.4 PPM	PID
14:15	"	0.027 Average	5:48 Run time

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 5/2/05

INSTRUMENT TYPE: Dustrak / Mini Rae 2000 CALIBRATION: Zeroed / 100PPM Isobutylene
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure.

CALIBRATION DETAILS: Dustrak zeroed / Mini Rae 10 PPM.

SAMPLING INTERVAL: See below

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
0855	upwind TP-14	0.047 mg/m³	D.T.
	"	(CW) 6.5 ppm PID	Mini-Rae
0859	downwind TP-14a	(CW) 0.048 mg/m³	D.T.
	"	0.2 ppm PID	Mini Rae
10:05	downwind TP-14b	0.042 mg/m³	D.T.
	"	0.3 ppm PID	Mini Rae
10:15	downwind TP-14b	0.11 mg/m³	D.T.
	"	0.9 ppm PID	mini Rae
10:42	" "	0.038 mg/m³	D.T.
		0.7 ppm	mini Rae
11:20	" "	0.036 mg/m³	D.T.
		0.9 ppm	PID
11:35	downwind TP-14+TP-15	0.036 mg/m³	D.T.
		0.6 ppm	PID
11:52	" "	0.038 mg/m³	D.T.
		0.9 ppm	PID
13:00	downwind TP-14	0.051 mg/m³	D.T.
"	"	0.4 ppm	PID
"	"	0.044 mg/m³ Average	5:06 Run time
13:20	"	0.040 mg/m³	D.T.
		0.7 ppm	PID
14:10	"	0.060 mg/m³	D.T.
"	"	0.5 ppm	PID

Pt #7

moved to N of trench

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 5/2/05

INSTRUMENT TYPE: Dustrak / MiniRae 2000 CALIBRATION: 0 Zeroed / 100PPM Isobutyl
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak Zeroed / MiniRae 100 PPM

SAMPLING INTERVAL: See below

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: —

WIND S/SW @ 10-20 MPH

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
14:25	Downwind TP14/15	0.044 mg/m3	D.T.
		0.5 PPM	PID
14:55	" "	0.045 mg/m3	D.T.
"	"	0.8 PPM	PID
15:10	"	0.044 mg/m3	D.T
		0.7 PPM	PID
15:30	"	0.046 mg/m3	D.T.
"		0.5 PPM	PID
"	"	0.046 mg/m3 Average	7:35 Runtime
15:45	"	~~0.051~~ 0.051 mg/m3	D.T.
		0.5 PPM	PID

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland - Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 5/11/05

INSTRUMENT TYPE: Dustrak / MiniRae 2000 CALIBRATION: 0 Zeroed / 100PPM
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak zeroed / MiniRae @ 100PPM

SAMPLING INTERVAL: See below

BACKGROUND READING: see below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
0940	upwind TP-16	0.075 mg/m³	DT
"	downwind TP-16	0.0 ppm PID	PID
1000	"	0.071 mg/m³	DT
1000	"	0.1 ppm PID	PID
1015	downwind	0.078 mg/m³	DT
1015	downwind	0.0 PPM	PID
1030	" "	0.076 mg/m³	DT
"	" "	0.0 ppm	PID
1045	" "	0.074 mg/m³	DT
"	" "	0.0 ppm	PID
1150	" "	0.450 mg/m³	DT
"	" "	0.6 ppm	PID
1200	" "	0.081 mg/m³	DT
"	" "	0.1 ppm	PID
1355	" "	0.080 mg/m³	DT
"	" "	0.0 ppm	PID
1445	" "	0.039 mg/m³	DT
"	" "	0.6 PPM	PID
1530	" "	0.074 mg/ms	DT
"	" "	0.0 PPM	PID
1635	" "	0.069 mg/ms	DT
"	" "	0.0 PPM	PID

URSF-027u/1 OF 1/IRL/gcm

INSTRUMENT READING LOG

URS

PROJECT: Ashland/Monson Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 5/12/05

INSTRUMENT TYPE: Dustrak / MiniRae 2000 CALIBRATION: Zeroed / 100PPM Isobutylene
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak zeroed / MiniRae 101 PPM

SAMPLING INTERVAL: See below

BACKGROUND READING: See below

ACTION LEVEL RESPONSE: _____

Wind from N/NE @ ≈ 5-10 mph. Background PID = 0.4-0.5 ppm

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
8:15	~~Downwind~~ Upwind of TP-12	0.016 MG/M3	D.T.
"	"	0.4 PPM	PID.
8:17	Upwind of TP12 Continuation	0.044 MG/M3	DT.
"	"	0.5 PPM	PID
8:30	Downwind of TP-12	0.018 MG/M3	D.T.
"	"	0.5 PPM	PID
8:50	Downwind of TP-12 Continuation	0.021 MG/M3	DT.
"	"	0.5 PPM	D.T.D
9:10	Downwind of TP-13/TP-12	0.020 MG/M3	D.T.
"	"	1.5 PPM	PID
10:25	"	0.0516 MG/M3	D.T
"	"	1.3 PPM	PID
10:35	Downwind of TP-09	0.065 MG/M3	DT.
"	"	0.7 PPM	DTD
11:15	Downgrade of TP-10	0.198 MG/M3	D.T
"	"	1.4 PPM	PID
11:05	"	0.089 MG/M3	D.T.
"	"	2.2 PPM	PID
11:25	Backfilling TP 09 & TP-10	0.046 MG/M3	D.T
"	"	2.5 PPM	PID
12:00	Downgraded NewTP by Old TP-06	0.022 MG/M3	DT.
		1.2 PPM	PID

test #9

INSTRUMENT READING LOG

URS

PROJECT: Ashland / Marcon Erectors JOB NO.: 37679487.05400

OPERATOR: MD/CW DATE: 5/12/05

INSTRUMENT TYPE: Dustrack / MiniRae 2000 CALIBRATION: 0 zeroed / 100 PPM Isobutylene
Amount / Component / Date

MODEL NUMBER: _____ SERIAL NUMBER: _____

SAMPLING TECHNIQUE: Both units within an enclosure

CALIBRATION DETAILS: Dustrak zeroed out / MiniRae 100 PPM

SAMPLING INTERVAL: See below

BACKGROUND READING: see below

ACTION LEVEL RESPONSE: —

TIME	LOCATION	READING (UNITS)	DETECTION LIMIT (SCALE)
12:20	Downwind New TP-Near old TP-06	0.017 mg/m³	D.T
		1.2 PPM	PID
13:20	Backfilling New TP Area. By TP-06	0.018 mg/m³	D.T
		1.2 PPM	PID
14:05	Downwind of T.P. Parallel to East end of Excavation	0.094 mg/m³	D.T
		0.7 PPM	PID
14:15	" "	0.077 mg/m³	D.T.
"	"	0.8 PPM	PID
14:25	Backfilling TP.	0.090 mg/m³	D.T
"	"	0.6 PPM	PID

Dust Trak Data Summary

Instrument [S/N]	Test#	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
Dust Trak 14038	004	04/27/2005	08:15:40	00:08:17:00	0.031	mg/m^3	Aerosol	0.049	0.003
Dust Trak 14038	005	04/28/2005	08:13:30	00:07:11:00	0.038	mg/m^3	Aerosol	0.072	0.022
Dust Trak 14038	006	04/29/2005	08:31:14	00:05:49:00	0.027	mg/m^3	Aerosol	0.054	0.015
Dust Trak 14038	007	05/02/2005	08:07:48	00:08:13:00	0.046	mg/m^3	Aerosol	0.103	0.033
Dust Trak 14038	003	04/26/2005	08:14:07	00:08:41:00	0.015	mg/m^3	Aerosol	0.080	0.008

Dust Trak Data Summary (5/12/2005)

Instrument [S/N]	Test#	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
Dust Trak 14038	009	05/12/2005	10:20:26	00:04:18:00	0.065	mg/m^3	Aerosol	1.257	0.015
Dust Trak 14038	008	05/12/2005	07:42:32	00:01:40:00	0.035	mg/m^3	Aerosol	0.280	0.013

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 003
Test Abbreviation:
Start Date: 04/26/2005
Start Time: 08:14:07
Duration (dd:hh:mm:ss): 00:08:41:00
Time constant (seconds): 5
Log Interval (mm:ss): 01:00
Number of points: 521
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.015
Minimum: 0.008
Time of Minimum: 12:50:07
Date of Minimum: 04/26/2005
Maximum: 0.080
Time of Maximum: 10:07:07
Date of Maximum: 04/26/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
04/26/2005	08:15:07	0.012
04/26/2005	08:16:07	0.014
04/26/2005	08:17:07	0.015
04/26/2005	08:18:07	0.014
04/26/2005	08:19:07	0.013
04/26/2005	08:20:07	0.019
04/26/2005	08:21:07	0.014
04/26/2005	08:22:07	0.015
04/26/2005	08:23:07	0.014
04/26/2005	08:24:07	0.014
04/26/2005	08:25:07	0.012
04/26/2005	08:26:07	0.013
04/26/2005	08:27:07	0.014
04/26/2005	08:28:07	0.018
04/26/2005	08:29:07	0.040
04/26/2005	08:30:07	0.016
04/26/2005	08:31:07	0.015
04/26/2005	08:32:07	0.017
04/26/2005	08:33:07	0.014
04/26/2005	08:34:07	0.012
04/26/2005	08:35:07	0.013
04/26/2005	08:36:07	0.018
04/26/2005	08:37:07	0.026
04/26/2005	08:38:07	0.012
04/26/2005	08:39:07	0.016
04/26/2005	08:40:07	0.014
04/26/2005	08:41:07	0.018
04/26/2005	08:42:07	0.021
04/26/2005	08:43:07	0.016
04/26/2005	08:44:07	0.012
04/26/2005	08:45:07	0.017
04/26/2005	08:46:07	0.015
04/26/2005	08:47:07	0.015
04/26/2005	08:48:07	0.013
04/26/2005	08:49:07	0.015
04/26/2005	08:50:07	0.014

04/26/2005	08:51:07	0.018
04/26/2005	08:52:07	0.013
04/26/2005	08:53:07	0.019
04/26/2005	08:54:07	0.017
04/26/2005	08:55:07	0.016
04/26/2005	08:56:07	0.013
04/26/2005	08:57:07	0.014
04/26/2005	08:58:07	0.017
04/26/2005	08:59:07	0.015
04/26/2005	09:00:07	0.015
04/26/2005	09:01:07	0.017
04/26/2005	09:02:07	0.020
04/26/2005	09:03:07	0.016
04/26/2005	09:04:07	0.016
04/26/2005	09:05:07	0.016
04/26/2005	09:06:07	0.017
04/26/2005	09:07:07	0.025
04/26/2005	09:08:07	0.016
04/26/2005	09:09:07	0.019
04/26/2005	09:10:07	0.016
04/26/2005	09:11:07	0.015
04/26/2005	09:12:07	0.015
04/26/2005	09:13:07	0.014
04/26/2005	09:14:07	0.018
04/26/2005	09:15:07	0.015
04/26/2005	09:16:07	0.019
04/26/2005	09:17:07	0.031
04/26/2005	09:18:07	0.014
04/26/2005	09:19:07	0.016
04/26/2005	09:20:07	0.014
04/26/2005	09:21:07	0.014
04/26/2005	09:22:07	0.013
04/26/2005	09:23:07	0.016
04/26/2005	09:24:07	0.013
04/26/2005	09:25:07	0.013
04/26/2005	09:26:07	0.018
04/26/2005	09:27:07	0.013
04/26/2005	09:28:07	0.016
04/26/2005	09:29:07	0.016
04/26/2005	09:30:07	0.012
04/26/2005	09:31:07	0.013
04/26/2005	09:32:07	0.014
04/26/2005	09:33:07	0.019
04/26/2005	09:34:07	0.019
04/26/2005	09:35:07	0.016
04/26/2005	09:36:07	0.020
04/26/2005	09:37:07	0.014
04/26/2005	09:38:07	0.016
04/26/2005	09:39:07	0.020
04/26/2005	09:40:07	0.016
04/26/2005	09:41:07	0.015
04/26/2005	09:42:07	0.014
04/26/2005	09:43:07	0.018
04/26/2005	09:44:07	0.043
04/26/2005	09:45:07	0.018
04/26/2005	09:46:07	0.018
04/26/2005	09:47:07	0.018
04/26/2005	09:48:07	0.016
04/26/2005	09:49:07	0.021
04/26/2005	09:50:07	0.021
04/26/2005	09:51:07	0.022
04/26/2005	09:52:07	0.019
04/26/2005	09:53:07	0.021
04/26/2005	09:54:07	0.014

04/26/2005	09:55:07	0.013
04/26/2005	09:56:07	0.018
04/26/2005	09:57:07	0.015
04/26/2005	09:58:07	0.020
04/26/2005	09:59:07	0.021
04/26/2005	10:00:07	0.017
04/26/2005	10:01:07	0.020
04/26/2005	10:02:07	0.021
04/26/2005	10:03:07	0.019
04/26/2005	10:04:07	0.019
04/26/2005	10:05:07	0.015
04/26/2005	10:06:07	0.024
04/26/2005	10:07:07	0.080
04/26/2005	10:08:07	0.014
04/26/2005	10:09:07	0.014
04/26/2005	10:10:07	0.016
04/26/2005	10:11:07	0.016
04/26/2005	10:12:07	0.019
04/26/2005	10:13:07	0.017
04/26/2005	10:14:07	0.020
04/26/2005	10:15:07	0.019
04/26/2005	10:16:07	0.030
04/26/2005	10:17:07	0.015
04/26/2005	10:18:07	0.019
04/26/2005	10:19:07	0.016
04/26/2005	10:20:07	0.020
04/26/2005	10:21:07	0.018
04/26/2005	10:22:07	0.015
04/26/2005	10:23:07	0.020
04/26/2005	10:24:07	0.018
04/26/2005	10:25:07	0.017
04/26/2005	10:26:07	0.018
04/26/2005	10:27:07	0.019
04/26/2005	10:28:07	0.024
04/26/2005	10:29:07	0.019
04/26/2005	10:30:07	0.018
04/26/2005	10:31:07	0.017
04/26/2005	10:32:07	0.018
04/26/2005	10:33:07	0.019
04/26/2005	10:34:07	0.018
04/26/2005	10:35:07	0.020
04/26/2005	10:36:07	0.017
04/26/2005	10:37:07	0.018
04/26/2005	10:38:07	0.018
04/26/2005	10:39:07	0.015
04/26/2005	10:40:07	0.017
04/26/2005	10:41:07	0.016
04/26/2005	10:42:07	0.017
04/26/2005	10:43:07	0.019
04/26/2005	10:44:07	0.016
04/26/2005	10:45:07	0.017
04/26/2005	10:46:07	0.020
04/26/2005	10:47:07	0.020
04/26/2005	10:48:07	0.017
04/26/2005	10:49:07	0.016
04/26/2005	10:50:07	0.025
04/26/2005	10:51:07	0.018
04/26/2005	10:52:07	0.017
04/26/2005	10:53:07	0.017
04/26/2005	10:54:07	0.014
04/26/2005	10:55:07	0.016
04/26/2005	10:56:07	0.016
04/26/2005	10:57:07	0.016
04/26/2005	10:58:07	0.016

04/26/2005	10:59:07	0.019
04/26/2005	11:00:07	0.017
04/26/2005	11:01:07	0.019
04/26/2005	11:02:07	0.020
04/26/2005	11:03:07	0.020
04/26/2005	11:04:07	0.016
04/26/2005	11:05:07	0.017
04/26/2005	11:06:07	0.017
04/26/2005	11:07:07	0.017
04/26/2005	11:08:07	0.016
04/26/2005	11:09:07	0.017
04/26/2005	11:10:07	0.015
04/26/2005	11:11:07	0.018
04/26/2005	11:12:07	0.018
04/26/2005	11:13:07	0.016
04/26/2005	11:14:07	0.020
04/26/2005	11:15:07	0.015
04/26/2005	11:16:07	0.016
04/26/2005	11:17:07	0.016
04/26/2005	11:18:07	0.020
04/26/2005	11:19:07	0.016
04/26/2005	11:20:07	0.019
04/26/2005	11:21:07	0.016
04/26/2005	11:22:07	0.019
04/26/2005	11:23:07	0.014
04/26/2005	11:24:07	0.018
04/26/2005	11:25:07	0.020
04/26/2005	11:26:07	0.017
04/26/2005	11:27:07	0.018
04/26/2005	11:28:07	0.015
04/26/2005	11:29:07	0.016
04/26/2005	11:30:07	0.020
04/26/2005	11:31:07	0.012
04/26/2005	11:32:07	0.016
04/26/2005	11:33:07	0.013
04/26/2005	11:34:07	0.012
04/26/2005	11:35:07	0.018
04/26/2005	11:36:07	0.016
04/26/2005	11:37:07	0.016
04/26/2005	11:38:07	0.018
04/26/2005	11:39:07	0.018
04/26/2005	11:40:07	0.017
04/26/2005	11:41:07	0.012
04/26/2005	11:42:07	0.019
04/26/2005	11:43:07	0.011
04/26/2005	11:44:07	0.009
04/26/2005	11:45:07	0.010
04/26/2005	11:46:07	0.009
04/26/2005	11:47:07	0.014
04/26/2005	11:48:07	0.009
04/26/2005	11:49:07	0.009
04/26/2005	11:50:07	0.010
04/26/2005	11:51:07	0.009
04/26/2005	11:52:07	0.010
04/26/2005	11:53:07	0.010
04/26/2005	11:54:07	0.011
04/26/2005	11:55:07	0.015
04/26/2005	11:56:07	0.010
04/26/2005	11:57:07	0.010
04/26/2005	11:58:07	0.011
04/26/2005	11:59:07	0.010
04/26/2005	12:00:07	0.010
04/26/2005	12:01:07	0.017
04/26/2005	12:02:07	0.017

04/26/2005	12:03:07	0.011
04/26/2005	12:04:07	0.011
04/26/2005	12:05:07	0.013
04/26/2005	12:06:07	0.010
04/26/2005	12:07:07	0.012
04/26/2005	12:08:07	0.015
04/26/2005	12:09:07	0.010
04/26/2005	12:10:07	0.009
04/26/2005	12:11:07	0.012
04/26/2005	12:12:07	0.011
04/26/2005	12:13:07	0.018
04/26/2005	12:14:07	0.012
04/26/2005	12:15:07	0.016
04/26/2005	12:16:07	0.013
04/26/2005	12:17:07	0.015
04/26/2005	12:18:07	0.012
04/26/2005	12:19:07	0.015
04/26/2005	12:20:07	0.010
04/26/2005	12:21:07	0.011
04/26/2005	12:22:07	0.010
04/26/2005	12:23:07	0.013
04/26/2005	12:24:07	0.011
04/26/2005	12:25:07	0.012
04/26/2005	12:26:07	0.019
04/26/2005	12:27:07	0.013
04/26/2005	12:28:07	0.009
04/26/2005	12:29:07	0.010
04/26/2005	12:30:07	0.013
04/26/2005	12:31:07	0.012
04/26/2005	12:32:07	0.010
04/26/2005	12:33:07	0.016
04/26/2005	12:34:07	0.011
04/26/2005	12:35:07	0.010
04/26/2005	12:36:07	0.012
04/26/2005	12:37:07	0.011
04/26/2005	12:38:07	0.010
04/26/2005	12:39:07	0.009
04/26/2005	12:40:07	0.009
04/26/2005	12:41:07	0.009
04/26/2005	12:42:07	0.010
04/26/2005	12:43:07	0.010
04/26/2005	12:44:07	0.011
04/26/2005	12:45:07	0.015
04/26/2005	12:46:07	0.009
04/26/2005	12:47:07	0.011
04/26/2005	12:48:07	0.009
04/26/2005	12:49:07	0.009
04/26/2005	12:50:07	0.008
04/26/2005	12:51:07	0.011
04/26/2005	12:52:07	0.012
04/26/2005	12:53:07	0.011
04/26/2005	12:54:07	0.010
04/26/2005	12:55:07	0.011
04/26/2005	12:56:07	0.011
04/26/2005	12:57:07	0.031
04/26/2005	12:58:07	0.037
04/26/2005	12:59:07	0.014
04/26/2005	13:00:07	0.011
04/26/2005	13:01:07	0.012
04/26/2005	13:02:07	0.011
04/26/2005	13:03:07	0.011
04/26/2005	13:04:07	0.011
04/26/2005	13:05:07	0.010
04/26/2005	13:06:07	0.009

04/26/2005	13:07:07	0.009
04/26/2005	13:08:07	0.010
04/26/2005	13:09:07	0.011
04/26/2005	13:10:07	0.011
04/26/2005	13:11:07	0.026
04/26/2005	13:12:07	0.011
04/26/2005	13:13:07	0.010
04/26/2005	13:14:07	0.010
04/26/2005	13:15:07	0.011
04/26/2005	13:16:07	0.009
04/26/2005	13:17:07	0.010
04/26/2005	13:18:07	0.008
04/26/2005	13:19:07	0.012
04/26/2005	13:20:07	0.010
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04/26/2005	13:22:07	0.010
04/26/2005	13:23:07	0.013
04/26/2005	13:24:07	0.011
04/26/2005	13:25:07	0.014
04/26/2005	13:26:07	0.016
04/26/2005	13:27:07	0.013
04/26/2005	13:28:07	0.016
04/26/2005	13:29:07	0.013
04/26/2005	13:30:07	0.012
04/26/2005	13:31:07	0.016
04/26/2005	13:32:07	0.018
04/26/2005	13:33:07	0.013
04/26/2005	13:34:07	0.014
04/26/2005	13:35:07	0.013
04/26/2005	13:36:07	0.014
04/26/2005	13:37:07	0.012
04/26/2005	13:38:07	0.013
04/26/2005	13:39:07	0.011
04/26/2005	13:40:07	0.020
04/26/2005	13:41:07	0.020
04/26/2005	13:42:07	0.009
04/26/2005	13:43:07	0.010
04/26/2005	13:44:07	0.009
04/26/2005	13:45:07	0.010
04/26/2005	13:46:07	0.012
04/26/2005	13:47:07	0.011
04/26/2005	13:48:07	0.011
04/26/2005	13:49:07	0.020
04/26/2005	13:50:07	0.015
04/26/2005	13:51:07	0.010
04/26/2005	13:52:07	0.010
04/26/2005	13:53:07	0.011
04/26/2005	13:54:07	0.010
04/26/2005	13:55:07	0.011
04/26/2005	13:56:07	0.009
04/26/2005	13:57:07	0.011
04/26/2005	13:58:07	0.011
04/26/2005	13:59:07	0.011
04/26/2005	14:00:07	0.008
04/26/2005	14:01:07	0.010
04/26/2005	14:02:07	0.010
04/26/2005	14:03:07	0.010
04/26/2005	14:04:07	0.027
04/26/2005	14:05:07	0.009
04/26/2005	14:06:07	0.009
04/26/2005	14:07:07	0.016
04/26/2005	14:08:07	0.013
04/26/2005	14:09:07	0.011
04/26/2005	14:10:07	0.011

04/26/2005	14:11:07	0.010
04/26/2005	14:12:07	0.008
04/26/2005	14:13:07	0.010
04/26/2005	14:14:07	0.010
04/26/2005	14:15:07	0.009
04/26/2005	14:16:07	0.011
04/26/2005	14:17:07	0.010
04/26/2005	14:18:07	0.009
04/26/2005	14:19:07	0.008
04/26/2005	14:20:07	0.010
04/26/2005	14:21:07	0.008
04/26/2005	14:22:07	0.010
04/26/2005	14:23:07	0.014
04/26/2005	14:24:07	0.011
04/26/2005	14:25:07	0.011
04/26/2005	14:26:07	0.008
04/26/2005	14:27:07	0.010
04/26/2005	14:28:07	0.009
04/26/2005	14:29:07	0.009
04/26/2005	14:30:07	0.011
04/26/2005	14:31:07	0.009
04/26/2005	14:32:07	0.010
04/26/2005	14:33:07	0.010
04/26/2005	14:34:07	0.011
04/26/2005	14:35:07	0.012
04/26/2005	14:36:07	0.011
04/26/2005	14:37:07	0.015
04/26/2005	14:38:07	0.011
04/26/2005	14:39:07	0.012
04/26/2005	14:40:07	0.011
04/26/2005	14:41:07	0.012
04/26/2005	14:42:07	0.015
04/26/2005	14:43:07	0.010
04/26/2005	14:44:07	0.012
04/26/2005	14:45:07	0.010
04/26/2005	14:46:07	0.010
04/26/2005	14:47:07	0.009
04/26/2005	14:48:07	0.015
04/26/2005	14:49:07	0.012
04/26/2005	14:50:07	0.013
04/26/2005	14:51:07	0.015
04/26/2005	14:52:07	0.009
04/26/2005	14:53:07	0.013
04/26/2005	14:54:07	0.011
04/26/2005	14:55:07	0.012
04/26/2005	14:56:07	0.012
04/26/2005	14:57:07	0.019
04/26/2005	14:58:07	0.011
04/26/2005	14:59:07	0.014
04/26/2005	15:00:07	0.015
04/26/2005	15:01:07	0.011
04/26/2005	15:02:07	0.017
04/26/2005	15:03:07	0.013
04/26/2005	15:04:07	0.011
04/26/2005	15:05:07	0.012
04/26/2005	15:06:07	0.011
04/26/2005	15:07:07	0.010
04/26/2005	15:08:07	0.009
04/26/2005	15:09:07	0.011
04/26/2005	15:10:07	0.010
04/26/2005	15:11:07	0.013
04/26/2005	15:12:07	0.012
04/26/2005	15:13:07	0.010
04/26/2005	15:14:07	0.011

04/26/2005	15:15:07	0.016
04/26/2005	15:16:07	0.012
04/26/2005	15:17:07	0.013
04/26/2005	15:18:07	0.010
04/26/2005	15:19:07	0.009
04/26/2005	15:20:07	0.010
04/26/2005	15:21:07	0.011
04/26/2005	15:22:07	0.012
04/26/2005	15:23:07	0.012
04/26/2005	15:24:07	0.011
04/26/2005	15:25:07	0.014
04/26/2005	15:26:07	0.012
04/26/2005	15:27:07	0.010
04/26/2005	15:28:07	0.015
04/26/2005	15:29:07	0.013
04/26/2005	15:30:07	0.009
04/26/2005	15:31:07	0.010
04/26/2005	15:32:07	0.009
04/26/2005	15:33:07	0.011
04/26/2005	15:34:07	0.011
04/26/2005	15:35:07	0.015
04/26/2005	15:36:07	0.015
04/26/2005	15:37:07	0.011
04/26/2005	15:38:07	0.013
04/26/2005	15:39:07	0.014
04/26/2005	15:40:07	0.014
04/26/2005	15:41:07	0.017
04/26/2005	15:42:07	0.010
04/26/2005	15:43:07	0.014
04/26/2005	15:44:07	0.013
04/26/2005	15:45:07	0.010
04/26/2005	15:46:07	0.011
04/26/2005	15:47:07	0.011
04/26/2005	15:48:07	0.010
04/26/2005	15:49:07	0.010
04/26/2005	15:50:07	0.011
04/26/2005	15:51:07	0.015
04/26/2005	15:52:07	0.027
04/26/2005	15:53:07	0.014
04/26/2005	15:54:07	0.015
04/26/2005	15:55:07	0.016
04/26/2005	15:56:07	0.015
04/26/2005	15:57:07	0.015
04/26/2005	15:58:07	0.012
04/26/2005	15:59:07	0.013
04/26/2005	16:00:07	0.015
04/26/2005	16:01:07	0.011
04/26/2005	16:02:07	0.014
04/26/2005	16:03:07	0.013
04/26/2005	16:04:07	0.027
04/26/2005	16:05:07	0.016
04/26/2005	16:06:07	0.016
04/26/2005	16:07:07	0.014
04/26/2005	16:08:07	0.013
04/26/2005	16:09:07	0.018
04/26/2005	16:10:07	0.013
04/26/2005	16:11:07	0.025
04/26/2005	16:12:07	0.034
04/26/2005	16:13:07	0.019
04/26/2005	16:14:07	0.013
04/26/2005	16:15:07	0.030
04/26/2005	16:16:07	0.017
04/26/2005	16:17:07	0.018
04/26/2005	16:18:07	0.015

04/26/2005	16:19:07	0.012
04/26/2005	16:20:07	0.015
04/26/2005	16:21:07	0.015
04/26/2005	16:22:07	0.013
04/26/2005	16:23:07	0.017
04/26/2005	16:24:07	0.015
04/26/2005	16:25:07	0.015
04/26/2005	16:26:07	0.016
04/26/2005	16:27:07	0.015
04/26/2005	16:28:07	0.012
04/26/2005	16:29:07	0.014
04/26/2005	16:30:07	0.017
04/26/2005	16:31:07	0.014
04/26/2005	16:32:07	0.014
04/26/2005	16:33:07	0.013
04/26/2005	16:34:07	0.017
04/26/2005	16:35:07	0.018
04/26/2005	16:36:07	0.015
04/26/2005	16:37:07	0.015
04/26/2005	16:38:07	0.021
04/26/2005	16:39:07	0.015
04/26/2005	16:40:07	0.015
04/26/2005	16:41:07	0.014
04/26/2005	16:42:07	0.016
04/26/2005	16:43:07	0.019
04/26/2005	16:44:07	0.015
04/26/2005	16:45:07	0.018
04/26/2005	16:46:07	0.015
04/26/2005	16:47:07	0.015
04/26/2005	16:48:07	0.016
04/26/2005	16:49:07	0.015
04/26/2005	16:50:07	0.014
04/26/2005	16:51:07	0.013
04/26/2005	16:52:07	0.014
04/26/2005	16:53:07	0.015
04/26/2005	16:54:07	0.017
04/26/2005	16:55:07	0.015

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 004
Test Abbreviation:
Start Date: 04/27/2005
Start Time: 08:15:40
Duration (dd:hh:mm:ss): 00:08:17:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 497
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.031
Minimum: 0.003
Time of Minimum: 08:52:40
Date of Minimum: 04/27/2005
Maximum: 0.049
Time of Maximum: 13:31:40
Date of Maximum: 04/27/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date MM/dd/yyyy	Time hh:mm:ss	Aerosol mg/m^3
04/27/2005	08:16:40	0.037
04/27/2005	08:17:40	0.036
04/27/2005	08:18:40	0.036
04/27/2005	08:19:40	0.033
04/27/2005	08:20:40	0.033
04/27/2005	08:21:40	0.033
04/27/2005	08:22:40	0.034
04/27/2005	08:23:40	0.035
04/27/2005	08:24:40	0.035
04/27/2005	08:25:40	0.036
04/27/2005	08:26:40	0.037
04/27/2005	08:27:40	0.032
04/27/2005	08:28:40	0.033
04/27/2005	08:29:40	0.034
04/27/2005	08:30:40	0.026
04/27/2005	08:31:40	0.018
04/27/2005	08:32:40	0.015
04/27/2005	08:33:40	0.012
04/27/2005	08:34:40	0.010
04/27/2005	08:35:40	0.010
04/27/2005	08:36:40	0.019
04/27/2005	08:37:40	0.033
04/27/2005	08:38:40	0.031
04/27/2005	08:39:40	0.026
04/27/2005	08:40:40	0.018
04/27/2005	08:41:40	0.013
04/27/2005	08:42:40	0.011
04/27/2005	08:43:40	0.009
04/27/2005	08:44:40	0.007
04/27/2005	08:45:40	0.006
04/27/2005	08:46:40	0.006
04/27/2005	08:47:40	0.005
04/27/2005	08:48:40	0.004
04/27/2005	08:49:40	0.004
04/27/2005	08:50:40	0.004
04/27/2005	08:51:40	0.004

04/27/2005	08:52:40	0.003
04/27/2005	08:53:40	0.003
04/27/2005	08:54:40	0.003
04/27/2005	08:55:40	0.003
04/27/2005	08:56:40	0.003
04/27/2005	08:57:40	0.006
04/27/2005	08:58:40	0.003
04/27/2005	08:59:40	0.004
04/27/2005	09:00:40	0.003
04/27/2005	09:01:40	0.003
04/27/2005	09:02:40	0.003
04/27/2005	09:03:40	0.003
04/27/2005	09:04:40	0.003
04/27/2005	09:05:40	0.031
04/27/2005	09:06:40	0.043
04/27/2005	09:07:40	0.034
04/27/2005	09:08:40	0.032
04/27/2005	09:09:40	0.034
04/27/2005	09:10:40	0.032
04/27/2005	09:11:40	0.030
04/27/2005	09:12:40	0.032
04/27/2005	09:13:40	0.035
04/27/2005	09:14:40	0.030
04/27/2005	09:15:40	0.032
04/27/2005	09:16:40	0.031
04/27/2005	09:17:40	0.031
04/27/2005	09:18:40	0.029
04/27/2005	09:19:40	0.031
04/27/2005	09:20:40	0.036
04/27/2005	09:21:40	0.033
04/27/2005	09:22:40	0.033
04/27/2005	09:23:40	0.031
04/27/2005	09:24:40	0.031
04/27/2005	09:25:40	0.031
04/27/2005	09:26:40	0.032
04/27/2005	09:27:40	0.032
04/27/2005	09:28:40	0.031
04/27/2005	09:29:40	0.031
04/27/2005	09:30:40	0.031
04/27/2005	09:31:40	0.033
04/27/2005	09:32:40	0.030
04/27/2005	09:33:40	0.029
04/27/2005	09:34:40	0.030
04/27/2005	09:35:40	0.028
04/27/2005	09:36:40	0.045
04/27/2005	09:37:40	0.031
04/27/2005	09:38:40	0.029
04/27/2005	09:39:40	0.034
04/27/2005	09:40:40	0.029
04/27/2005	09:41:40	0.030
04/27/2005	09:42:40	0.032
04/27/2005	09:43:40	0.030
04/27/2005	09:44:40	0.032
04/27/2005	09:45:40	0.035
04/27/2005	09:46:40	0.034
04/27/2005	09:47:40	0.033
04/27/2005	09:48:40	0.032
04/27/2005	09:49:40	0.031
04/27/2005	09:50:40	0.032
04/27/2005	09:51:40	0.039
04/27/2005	09:52:40	0.040
04/27/2005	09:53:40	0.042
04/27/2005	09:54:40	0.041
04/27/2005	09:55:40	0.039

04/27/2005	09:56:40	0.038
04/27/2005	09:57:40	0.037
04/27/2005	09:58:40	0.038
04/27/2005	09:59:40	0.033
04/27/2005	10:00:40	0.037
04/27/2005	10:01:40	0.030
04/27/2005	10:02:40	0.032
04/27/2005	10:03:40	0.033
04/27/2005	10:04:40	0.030
04/27/2005	10:05:40	0.031
04/27/2005	10:06:40	0.029
04/27/2005	10:07:40	0.028
04/27/2005	10:08:40	0.029
04/27/2005	10:09:40	0.032
04/27/2005	10:10:40	0.032
04/27/2005	10:11:40	0.033
04/27/2005	10:12:40	0.029
04/27/2005	10:13:40	0.029
04/27/2005	10:14:40	0.032
04/27/2005	10:15:40	0.031
04/27/2005	10:16:40	0.032
04/27/2005	10:17:40	0.032
04/27/2005	10:18:40	0.033
04/27/2005	10:19:40	0.032
04/27/2005	10:20:40	0.032
04/27/2005	10:21:40	0.033
04/27/2005	10:22:40	0.030
04/27/2005	10:23:40	0.030
04/27/2005	10:24:40	0.032
04/27/2005	10:25:40	0.031
04/27/2005	10:26:40	0.030
04/27/2005	10:27:40	0.028
04/27/2005	10:28:40	0.029
04/27/2005	10:29:40	0.028
04/27/2005	10:30:40	0.028
04/27/2005	10:31:40	0.030
04/27/2005	10:32:40	0.030
04/27/2005	10:33:40	0.027
04/27/2005	10:34:40	0.028
04/27/2005	10:35:40	0.027
04/27/2005	10:36:40	0.027
04/27/2005	10:37:40	0.028
04/27/2005	10:38:40	0.037
04/27/2005	10:39:40	0.028
04/27/2005	10:40:40	0.027
04/27/2005	10:41:40	0.030
04/27/2005	10:42:40	0.028
04/27/2005	10:43:40	0.028
04/27/2005	10:44:40	0.028
04/27/2005	10:45:40	0.028
04/27/2005	10:46:40	0.027
04/27/2005	10:47:40	0.027
04/27/2005	10:48:40	0.028
04/27/2005	10:49:40	0.031
04/27/2005	10:50:40	0.028
04/27/2005	10:51:40	0.026
04/27/2005	10:52:40	0.027
04/27/2005	10:53:40	0.028
04/27/2005	10:54:40	0.046
04/27/2005	10:55:40	0.037
04/27/2005	10:56:40	0.029
04/27/2005	10:57:40	0.027
04/27/2005	10:58:40	0.028
04/27/2005	10:59:40	0.033

04/27/2005	11:00:40	0.028
04/27/2005	11:01:40	0.036
04/27/2005	11:02:40	0.037
04/27/2005	11:03:40	0.033
04/27/2005	11:04:40	0.029
04/27/2005	11:05:40	0.026
04/27/2005	11:06:40	0.025
04/27/2005	11:07:40	0.024
04/27/2005	11:08:40	0.025
04/27/2005	11:09:40	0.026
04/27/2005	11:10:40	0.028
04/27/2005	11:11:40	0.022
04/27/2005	11:12:40	0.023
04/27/2005	11:13:40	0.024
04/27/2005	11:14:40	0.029
04/27/2005	11:15:40	0.034
04/27/2005	11:16:40	0.029
04/27/2005	11:17:40	0.031
04/27/2005	11:18:40	0.034
04/27/2005	11:19:40	0.027
04/27/2005	11:20:40	0.026
04/27/2005	11:21:40	0.029
04/27/2005	11:22:40	0.033
04/27/2005	11:23:40	0.028
04/27/2005	11:24:40	0.026
04/27/2005	11:25:40	0.032
04/27/2005	11:26:40	0.031
04/27/2005	11:27:40	0.029
04/27/2005	11:28:40	0.027
04/27/2005	11:29:40	0.031
04/27/2005	11:30:40	0.031
04/27/2005	11:31:40	0.034
04/27/2005	11:32:40	0.032
04/27/2005	11:33:40	0.039
04/27/2005	11:34:40	0.033
04/27/2005	11:35:40	0.027
04/27/2005	11:36:40	0.025
04/27/2005	11:37:40	0.026
04/27/2005	11:38:40	0.025
04/27/2005	11:39:40	0.026
04/27/2005	11:40:40	0.030
04/27/2005	11:41:40	0.028
04/27/2005	11:42:40	0.032
04/27/2005	11:43:40	0.031
04/27/2005	11:44:40	0.040
04/27/2005	11:45:40	0.040
04/27/2005	11:46:40	0.037
04/27/2005	11:47:40	0.035
04/27/2005	11:48:40	0.037
04/27/2005	11:49:40	0.037
04/27/2005	11:50:40	0.033
04/27/2005	11:51:40	0.033
04/27/2005	11:52:40	0.031
04/27/2005	11:53:40	0.032
04/27/2005	11:54:40	0.046
04/27/2005	11:55:40	0.031
04/27/2005	11:56:40	0.028
04/27/2005	11:57:40	0.027
04/27/2005	11:58:40	0.028
04/27/2005	11:59:40	0.030
04/27/2005	12:00:40	0.024
04/27/2005	12:01:40	0.028
04/27/2005	12:02:40	0.026
04/27/2005	12:03:40	0.027

04/27/2005	12:04:40	0.035
04/27/2005	12:05:40	0.026
04/27/2005	12:06:40	0.027
04/27/2005	12:07:40	0.025
04/27/2005	12:08:40	0.025
04/27/2005	12:09:40	0.029
04/27/2005	12:10:40	0.028
04/27/2005	12:11:40	0.036
04/27/2005	12:12:40	0.031
04/27/2005	12:13:40	0.046
04/27/2005	12:14:40	0.035
04/27/2005	12:15:40	0.032
04/27/2005	12:16:40	0.031
04/27/2005	12:17:40	0.028
04/27/2005	12:18:40	0.030
04/27/2005	12:19:40	0.031
04/27/2005	12:20:40	0.030
04/27/2005	12:21:40	0.033
04/27/2005	12:22:40	0.034
04/27/2005	12:23:40	0.030
04/27/2005	12:24:40	0.041
04/27/2005	12:25:40	0.033
04/27/2005	12:26:40	0.030
04/27/2005	12:27:40	0.029
04/27/2005	12:28:40	0.035
04/27/2005	12:29:40	0.032
04/27/2005	12:30:40	0.033
04/27/2005	12:31:40	0.032
04/27/2005	12:32:40	0.032
04/27/2005	12:33:40	0.032
04/27/2005	12:34:40	0.032
04/27/2005	12:35:40	0.031
04/27/2005	12:36:40	0.033
04/27/2005	12:37:40	0.035
04/27/2005	12:38:40	0.032
04/27/2005	12:39:40	0.034
04/27/2005	12:40:40	0.038
04/27/2005	12:41:40	0.036
04/27/2005	12:42:40	0.032
04/27/2005	12:43:40	0.032
04/27/2005	12:44:40	0.033
04/27/2005	12:45:40	0.033
04/27/2005	12:46:40	0.032
04/27/2005	12:47:40	0.033
04/27/2005	12:48:40	0.035
04/27/2005	12:49:40	0.035
04/27/2005	12:50:40	0.033
04/27/2005	12:51:40	0.033
04/27/2005	12:52:40	0.035
04/27/2005	12:53:40	0.037
04/27/2005	12:54:40	0.036
04/27/2005	12:55:40	0.033
04/27/2005	12:56:40	0.033
04/27/2005	12:57:40	0.033
04/27/2005	12:58:40	0.033
04/27/2005	12:59:40	0.034
04/27/2005	13:00:40	0.034
04/27/2005	13:01:40	0.036
04/27/2005	13:02:40	0.035
04/27/2005	13:03:40	0.035
04/27/2005	13:04:40	0.037
04/27/2005	13:05:40	0.036
04/27/2005	13:06:40	0.036
04/27/2005	13:07:40	0.035

04/27/2005	13:08:40	0.034
04/27/2005	13:09:40	0.034
04/27/2005	13:10:40	0.036
04/27/2005	13:11:40	0.033
04/27/2005	13:12:40	0.033
04/27/2005	13:13:40	0.033
04/27/2005	13:14:40	0.034
04/27/2005	13:15:40	0.036
04/27/2005	13:16:40	0.034
04/27/2005	13:17:40	0.034
04/27/2005	13:18:40	0.036
04/27/2005	13:19:40	0.036
04/27/2005	13:20:40	0.037
04/27/2005	13:21:40	0.036
04/27/2005	13:22:40	0.036
04/27/2005	13:23:40	0.036
04/27/2005	13:24:40	0.038
04/27/2005	13:25:40	0.039
04/27/2005	13:26:40	0.040
04/27/2005	13:27:40	0.043
04/27/2005	13:28:40	0.036
04/27/2005	13:29:40	0.039
04/27/2005	13:30:40	0.040
04/27/2005	13:31:40	0.049
04/27/2005	13:32:40	0.038
04/27/2005	13:33:40	0.035
04/27/2005	13:34:40	0.036
04/27/2005	13:35:40	0.039
04/27/2005	13:36:40	0.037
04/27/2005	13:37:40	0.036
04/27/2005	13:38:40	0.036
04/27/2005	13:39:40	0.034
04/27/2005	13:40:40	0.040
04/27/2005	13:41:40	0.036
04/27/2005	13:42:40	0.038
04/27/2005	13:43:40	0.039
04/27/2005	13:44:40	0.037
04/27/2005	13:45:40	0.038
04/27/2005	13:46:40	0.040
04/27/2005	13:47:40	0.040
04/27/2005	13:48:40	0.037
04/27/2005	13:49:40	0.034
04/27/2005	13:50:40	0.035
04/27/2005	13:51:40	0.036
04/27/2005	13:52:40	0.037
04/27/2005	13:53:40	0.037
04/27/2005	13:54:40	0.038
04/27/2005	13:55:40	0.038
04/27/2005	13:56:40	0.036
04/27/2005	13:57:40	0.035
04/27/2005	13:58:40	0.039
04/27/2005	13:59:40	0.037
04/27/2005	14:00:40	0.040
04/27/2005	14:01:40	0.040
04/27/2005	14:02:40	0.037
04/27/2005	14:03:40	0.035
04/27/2005	14:04:40	0.035
04/27/2005	14:05:40	0.036
04/27/2005	14:06:40	0.033
04/27/2005	14:07:40	0.037
04/27/2005	14:08:40	0.040
04/27/2005	14:09:40	0.037
04/27/2005	14:10:40	0.033
04/27/2005	14:11:40	0.034

04/27/2005	14:12:40	0.033
04/27/2005	14:13:40	0.035
04/27/2005	14:14:40	0.034
04/27/2005	14:15:40	0.035
04/27/2005	14:16:40	0.036
04/27/2005	14:17:40	0.035
04/27/2005	14:18:40	0.033
04/27/2005	14:19:40	0.035
04/27/2005	14:20:40	0.037
04/27/2005	14:21:40	0.036
04/27/2005	14:22:40	0.038
04/27/2005	14:23:40	0.037
04/27/2005	14:24:40	0.037
04/27/2005	14:25:40	0.037
04/27/2005	14:26:40	0.040
04/27/2005	14:27:40	0.038
04/27/2005	14:28:40	0.041
04/27/2005	14:29:40	0.041
04/27/2005	14:30:40	0.038
04/27/2005	14:31:40	0.039
04/27/2005	14:32:40	0.038
04/27/2005	14:33:40	0.038
04/27/2005	14:34:40	0.038
04/27/2005	14:35:40	0.038
04/27/2005	14:36:40	0.036
04/27/2005	14:37:40	0.034
04/27/2005	14:38:40	0.036
04/27/2005	14:39:40	0.039
04/27/2005	14:40:40	0.034
04/27/2005	14:41:40	0.034
04/27/2005	14:42:40	0.037
04/27/2005	14:43:40	0.037
04/27/2005	14:44:40	0.040
04/27/2005	14:45:40	0.040
04/27/2005	14:46:40	0.036
04/27/2005	14:47:40	0.040
04/27/2005	14:48:40	0.035
04/27/2005	14:49:40	0.037
04/27/2005	14:50:40	0.033
04/27/2005	14:51:40	0.033
04/27/2005	14:52:40	0.033
04/27/2005	14:53:40	0.035
04/27/2005	14:54:40	0.033
04/27/2005	14:55:40	0.033
04/27/2005	14:56:40	0.033
04/27/2005	14:57:40	0.036
04/27/2005	14:58:40	0.035
04/27/2005	14:59:40	0.035
04/27/2005	15:00:40	0.034
04/27/2005	15:01:40	0.034
04/27/2005	15:02:40	0.032
04/27/2005	15:03:40	0.033
04/27/2005	15:04:40	0.034
04/27/2005	15:05:40	0.033
04/27/2005	15:06:40	0.033
04/27/2005	15:07:40	0.032
04/27/2005	15:08:40	0.029
04/27/2005	15:09:40	0.029
04/27/2005	15:10:40	0.028
04/27/2005	15:11:40	0.028
04/27/2005	15:12:40	0.030
04/27/2005	15:13:40	0.039
04/27/2005	15:14:40	0.033
04/27/2005	15:15:40	0.036

04/27/2005	15:16:40	0.036
04/27/2005	15:17:40	0.031
04/27/2005	15:18:40	0.029
04/27/2005	15:19:40	0.028
04/27/2005	15:20:40	0.032
04/27/2005	15:21:40	0.034
04/27/2005	15:22:40	0.031
04/27/2005	15:23:40	0.031
04/27/2005	15:24:40	0.034
04/27/2005	15:25:40	0.034
04/27/2005	15:26:40	0.032
04/27/2005	15:27:40	0.034
04/27/2005	15:28:40	0.033
04/27/2005	15:29:40	0.031
04/27/2005	15:30:40	0.028
04/27/2005	15:31:40	0.032
04/27/2005	15:32:40	0.031
04/27/2005	15:33:40	0.033
04/27/2005	15:34:40	0.031
04/27/2005	15:35:40	0.029
04/27/2005	15:36:40	0.030
04/27/2005	15:37:40	0.031
04/27/2005	15:38:40	0.030
04/27/2005	15:39:40	0.029
04/27/2005	15:40:40	0.028
04/27/2005	15:41:40	0.029
04/27/2005	15:42:40	0.035
04/27/2005	15:43:40	0.039
04/27/2005	15:44:40	0.037
04/27/2005	15:45:40	0.033
04/27/2005	15:46:40	0.030
04/27/2005	15:47:40	0.029
04/27/2005	15:48:40	0.030
04/27/2005	15:49:40	0.029
04/27/2005	15:50:40	0.030
04/27/2005	15:51:40	0.032
04/27/2005	15:52:40	0.030
04/27/2005	15:53:40	0.031
04/27/2005	15:54:40	0.031
04/27/2005	15:55:40	0.028
04/27/2005	15:56:40	0.030
04/27/2005	15:57:40	0.029
04/27/2005	15:58:40	0.030
04/27/2005	15:59:40	0.028
04/27/2005	16:00:40	0.026
04/27/2005	16:01:40	0.029
04/27/2005	16:02:40	0.036
04/27/2005	16:03:40	0.031
04/27/2005	16:04:40	0.039
04/27/2005	16:05:40	0.031
04/27/2005	16:06:40	0.030
04/27/2005	16:07:40	0.031
04/27/2005	16:08:40	0.032
04/27/2005	16:09:40	0.033
04/27/2005	16:10:40	0.032
04/27/2005	16:11:40	0.031
04/27/2005	16:12:40	0.032
04/27/2005	16:13:40	0.034
04/27/2005	16:14:40	0.032
04/27/2005	16:15:40	0.029
04/27/2005	16:16:40	0.032
04/27/2005	16:17:40	0.032
04/27/2005	16:18:40	0.032
04/27/2005	16:19:40	0.030

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04/27/2005	16:20:40	0.032
04/27/2005	16:21:40	0.034
04/27/2005	16:22:40	0.033
04/27/2005	16:23:40	0.032
04/27/2005	16:24:40	0.035
04/27/2005	16:25:40	0.032
04/27/2005	16:26:40	0.040
04/27/2005	16:27:40	0.037
04/27/2005	16:28:40	0.036
04/27/2005	16:29:40	0.037
04/27/2005	16:30:40	0.037
04/27/2005	16:31:40	0.037
04/27/2005	16:32:40	0.040

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 005
Test Abbreviation:
Start Date: 04/28/2005
Start Time: 08:13:30
Duration (dd:hh:mm:ss): 00:07:11:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 431
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.038
Minimum: 0.022
Time of Minimum: 14:38:30
Date of Minimum: 04/28/2005
Maximum: 0.072
Time of Maximum: 08:48:30
Date of Maximum: 04/28/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
04/28/2005	08:14:30	0.046
04/28/2005	08:15:30	0.045
04/28/2005	08:16:30	0.045
04/28/2005	08:17:30	0.047
04/28/2005	08:18:30	0.044
04/28/2005	08:19:30	0.044
04/28/2005	08:20:30	0.045
04/28/2005	08:21:30	0.044
04/28/2005	08:22:30	0.041
04/28/2005	08:23:30	0.041
04/28/2005	08:24:30	0.041
04/28/2005	08:25:30	0.041
04/28/2005	08:26:30	0.042
04/28/2005	08:27:30	0.043
04/28/2005	08:28:30	0.044
04/28/2005	08:29:30	0.044
04/28/2005	08:30:30	0.039
04/28/2005	08:31:30	0.040
04/28/2005	08:32:30	0.040
04/28/2005	08:33:30	0.042
04/28/2005	08:34:30	0.068
04/28/2005	08:35:30	0.052
04/28/2005	08:36:30	0.042
04/28/2005	08:37:30	0.043
04/28/2005	08:38:30	0.042
04/28/2005	08:39:30	0.043
04/28/2005	08:40:30	0.044
04/28/2005	08:41:30	0.048
04/28/2005	08:42:30	0.045
04/28/2005	08:43:30	0.044
04/28/2005	08:44:30	0.069
04/28/2005	08:45:30	0.061
04/28/2005	08:46:30	0.048
04/28/2005	08:47:30	0.047
04/28/2005	08:48:30	0.072
04/28/2005	08:49:30	0.043

04/28/2005	08:50:30	0.043
04/28/2005	08:51:30	0.042
04/28/2005	08:52:30	0.040
04/28/2005	08:53:30	0.043
04/28/2005	08:54:30	0.039
04/28/2005	08:55:30	0.042
04/28/2005	08:56:30	0.040
04/28/2005	08:57:30	0.038
04/28/2005	08:58:30	0.043
04/28/2005	08:59:30	0.043
04/28/2005	09:00:30	0.046
04/28/2005	09:01:30	0.042
04/28/2005	09:02:30	0.042
04/28/2005	09:03:30	0.043
04/28/2005	09:04:30	0.045
04/28/2005	09:05:30	0.042
04/28/2005	09:06:30	0.043
04/28/2005	09:07:30	0.043
04/28/2005	09:08:30	0.042
04/28/2005	09:09:30	0.042
04/28/2005	09:10:30	0.047
04/28/2005	09:11:30	0.045
04/28/2005	09:12:30	0.046
04/28/2005	09:13:30	0.052
04/28/2005	09:14:30	0.046
04/28/2005	09:15:30	0.049
04/28/2005	09:16:30	0.047
04/28/2005	09:17:30	0.048
04/28/2005	09:18:30	0.046
04/28/2005	09:19:30	0.046
04/28/2005	09:20:30	0.047
04/28/2005	09:21:30	0.049
04/28/2005	09:22:30	0.048
04/28/2005	09:23:30	0.049
04/28/2005	09:24:30	0.057
04/28/2005	09:25:30	0.049
04/28/2005	09:26:30	0.047
04/28/2005	09:27:30	0.047
04/28/2005	09:28:30	0.047
04/28/2005	09:29:30	0.046
04/28/2005	09:30:30	0.047
04/28/2005	09:31:30	0.049
04/28/2005	09:32:30	0.046
04/28/2005	09:33:30	0.049
04/28/2005	09:34:30	0.046
04/28/2005	09:35:30	0.044
04/28/2005	09:36:30	0.046
04/28/2005	09:37:30	0.049
04/28/2005	09:38:30	0.046
04/28/2005	09:39:30	0.045
04/28/2005	09:40:30	0.045
04/28/2005	09:41:30	0.044
04/28/2005	09:42:30	0.043
04/28/2005	09:43:30	0.045
04/28/2005	09:44:30	0.042
04/28/2005	09:45:30	0.044
04/28/2005	09:46:30	0.045
04/28/2005	09:47:30	0.047
04/28/2005	09:48:30	0.044
04/28/2005	09:49:30	0.041
04/28/2005	09:50:30	0.042
04/28/2005	09:51:30	0.043
04/28/2005	09:52:30	0.045
04/28/2005	09:53:30	0.045

04/28/2005	09:54:30	0.057
04/28/2005	09:55:30	0.043
04/28/2005	09:56:30	0.045
04/28/2005	09:57:30	0.052
04/28/2005	09:58:30	0.045
04/28/2005	09:59:30	0.056
04/28/2005	10:00:30	0.048
04/28/2005	10:01:30	0.052
04/28/2005	10:02:30	0.046
04/28/2005	10:03:30	0.047
04/28/2005	10:04:30	0.047
04/28/2005	10:05:30	0.049
04/28/2005	10:06:30	0.049
04/28/2005	10:07:30	0.048
04/28/2005	10:08:30	0.047
04/28/2005	10:09:30	0.049
04/28/2005	10:10:30	0.046
04/28/2005	10:11:30	0.044
04/28/2005	10:12:30	0.044
04/28/2005	10:13:30	0.046
04/28/2005	10:14:30	0.045
04/28/2005	10:15:30	0.048
04/28/2005	10:16:30	0.044
04/28/2005	10:17:30	0.045
04/28/2005	10:18:30	0.044
04/28/2005	10:19:30	0.044
04/28/2005	10:20:30	0.046
04/28/2005	10:21:30	0.048
04/28/2005	10:22:30	0.046
04/28/2005	10:23:30	0.044
04/28/2005	10:24:30	0.042
04/28/2005	10:25:30	0.043
04/28/2005	10:26:30	0.043
04/28/2005	10:27:30	0.043
04/28/2005	10:28:30	0.042
04/28/2005	10:29:30	0.046
04/28/2005	10:30:30	0.042
04/28/2005	10:31:30	0.041
04/28/2005	10:32:30	0.042
04/28/2005	10:33:30	0.049
04/28/2005	10:34:30	0.045
04/28/2005	10:35:30	0.044
04/28/2005	10:36:30	0.046
04/28/2005	10:37:30	0.050
04/28/2005	10:38:30	0.047
04/28/2005	10:39:30	0.043
04/28/2005	10:40:30	0.042
04/28/2005	10:41:30	0.050
04/28/2005	10:42:30	0.055
04/28/2005	10:43:30	0.044
04/28/2005	10:44:30	0.038
04/28/2005	10:45:30	0.045
04/28/2005	10:46:30	0.039
04/28/2005	10:47:30	0.033
04/28/2005	10:48:30	0.036
04/28/2005	10:49:30	0.033
04/28/2005	10:50:30	0.031
04/28/2005	10:51:30	0.031
04/28/2005	10:52:30	0.032
04/28/2005	10:53:30	0.033
04/28/2005	10:54:30	0.036
04/28/2005	10:55:30	0.033
04/28/2005	10:56:30	0.035
04/28/2005	10:57:30	0.036

04/28/2005	10:58:30	0.036
04/28/2005	10:59:30	0.035
04/28/2005	11:00:30	0.037
04/28/2005	11:01:30	0.037
04/28/2005	11:02:30	0.038
04/28/2005	11:03:30	0.044
04/28/2005	11:04:30	0.039
04/28/2005	11:05:30	0.037
04/28/2005	11:06:30	0.038
04/28/2005	11:07:30	0.042
04/28/2005	11:08:30	0.039
04/28/2005	11:09:30	0.039
04/28/2005	11:10:30	0.035
04/28/2005	11:11:30	0.034
04/28/2005	11:12:30	0.034
04/28/2005	11:13:30	0.036
04/28/2005	11:14:30	0.038
04/28/2005	11:15:30	0.036
04/28/2005	11:16:30	0.034
04/28/2005	11:17:30	0.035
04/28/2005	11:18:30	0.033
04/28/2005	11:19:30	0.034
04/28/2005	11:20:30	0.035
04/28/2005	11:21:30	0.035
04/28/2005	11:22:30	0.038
04/28/2005	11:23:30	0.034
04/28/2005	11:24:30	0.034
04/28/2005	11:25:30	0.036
04/28/2005	11:26:30	0.037
04/28/2005	11:27:30	0.035
04/28/2005	11:28:30	0.037
04/28/2005	11:29:30	0.038
04/28/2005	11:30:30	0.037
04/28/2005	11:31:30	0.039
04/28/2005	11:32:30	0.038
04/28/2005	11:33:30	0.040
04/28/2005	11:34:30	0.041
04/28/2005	11:35:30	0.044
04/28/2005	11:36:30	0.041
04/28/2005	11:37:30	0.041
04/28/2005	11:38:30	0.039
04/28/2005	11:39:30	0.036
04/28/2005	11:40:30	0.038
04/28/2005	11:41:30	0.038
04/28/2005	11:42:30	0.039
04/28/2005	11:43:30	0.037
04/28/2005	11:44:30	0.038
04/28/2005	11:45:30	0.037
04/28/2005	11:46:30	0.038
04/28/2005	11:47:30	0.036
04/28/2005	11:48:30	0.036
04/28/2005	11:49:30	0.038
04/28/2005	11:50:30	0.036
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04/28/2005	11:52:30	0.036
04/28/2005	11:53:30	0.035
04/28/2005	11:54:30	0.034
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04/28/2005	11:56:30	0.034
04/28/2005	11:57:30	0.036
04/28/2005	11:58:30	0.035
04/28/2005	11:59:30	0.032
04/28/2005	12:00:30	0.031
04/28/2005	12:01:30	0.033

04/28/2005	12:02:30	0.031
04/28/2005	12:03:30	0.036
04/28/2005	12:04:30	0.035
04/28/2005	12:05:30	0.037
04/28/2005	12:06:30	0.033
04/28/2005	12:07:30	0.037
04/28/2005	12:08:30	0.036
04/28/2005	12:09:30	0.035
04/28/2005	12:10:30	0.035
04/28/2005	12:11:30	0.035
04/28/2005	12:12:30	0.032
04/28/2005	12:13:30	0.034
04/28/2005	12:14:30	0.036
04/28/2005	12:15:30	0.038
04/28/2005	12:16:30	0.034
04/28/2005	12:17:30	0.038
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04/28/2005	12:22:30	0.033
04/28/2005	12:23:30	0.031
04/28/2005	12:24:30	0.031
04/28/2005	12:25:30	0.031
04/28/2005	12:26:30	0.029
04/28/2005	12:27:30	0.032
04/28/2005	12:28:30	0.033
04/28/2005	12:29:30	0.033
04/28/2005	12:30:30	0.033
04/28/2005	12:31:30	0.034
04/28/2005	12:32:30	0.032
04/28/2005	12:33:30	0.033
04/28/2005	12:34:30	0.034
04/28/2005	12:35:30	0.038
04/28/2005	12:36:30	0.033
04/28/2005	12:37:30	0.035
04/28/2005	12:38:30	0.030
04/28/2005	12:39:30	0.031
04/28/2005	12:40:30	0.029
04/28/2005	12:41:30	0.030
04/28/2005	12:42:30	0.032
04/28/2005	12:43:30	0.030
04/28/2005	12:44:30	0.033
04/28/2005	12:45:30	0.031
04/28/2005	12:46:30	0.033
04/28/2005	12:47:30	0.032
04/28/2005	12:48:30	0.034
04/28/2005	12:49:30	0.032
04/28/2005	12:50:30	0.034
04/28/2005	12:51:30	0.032
04/28/2005	12:52:30	0.030
04/28/2005	12:53:30	0.031
04/28/2005	12:54:30	0.029
04/28/2005	12:55:30	0.030
04/28/2005	12:56:30	0.030
04/28/2005	12:57:30	0.033
04/28/2005	12:58:30	0.030
04/28/2005	12:59:30	0.037
04/28/2005	13:00:30	0.033
04/28/2005	13:01:30	0.031
04/28/2005	13:02:30	0.036
04/28/2005	13:03:30	0.033
04/28/2005	13:04:30	0.037
04/28/2005	13:05:30	0.033

04/28/2005	13:06:30	0.035
04/28/2005	13:07:30	0.037
04/28/2005	13:08:30	0.037
04/28/2005	13:09:30	0.036
04/28/2005	13:10:30	0.036
04/28/2005	13:11:30	0.039
04/28/2005	13:12:30	0.038
04/28/2005	13:13:30	0.036
04/28/2005	13:14:30	0.036
04/28/2005	13:15:30	0.036
04/28/2005	13:16:30	0.039
04/28/2005	13:17:30	0.038
04/28/2005	13:18:30	0.036
04/28/2005	13:19:30	0.038
04/28/2005	13:20:30	0.035
04/28/2005	13:21:30	0.036
04/28/2005	13:22:30	0.038
04/28/2005	13:23:30	0.036
04/28/2005	13:24:30	0.033
04/28/2005	13:25:30	0.033
04/28/2005	13:26:30	0.034
04/28/2005	13:27:30	0.033
04/28/2005	13:28:30	0.033
04/28/2005	13:29:30	0.035
04/28/2005	13:30:30	0.033
04/28/2005	13:31:30	0.034
04/28/2005	13:32:30	0.037
04/28/2005	13:33:30	0.036
04/28/2005	13:34:30	0.036
04/28/2005	13:35:30	0.036
04/28/2005	13:36:30	0.035
04/28/2005	13:37:30	0.034
04/28/2005	13:38:30	0.035
04/28/2005	13:39:30	0.035
04/28/2005	13:40:30	0.035
04/28/2005	13:41:30	0.039
04/28/2005	13:42:30	0.039
04/28/2005	13:43:30	0.037
04/28/2005	13:44:30	0.037
04/28/2005	13:45:30	0.038
04/28/2005	13:46:30	0.038
04/28/2005	13:47:30	0.037
04/28/2005	13:48:30	0.038
04/28/2005	13:49:30	0.037
04/28/2005	13:50:30	0.038
04/28/2005	13:51:30	0.046
04/28/2005	13:52:30	0.039
04/28/2005	13:53:30	0.036
04/28/2005	13:54:30	0.036
04/28/2005	13:55:30	0.036
04/28/2005	13:56:30	0.036
04/28/2005	13:57:30	0.038
04/28/2005	13:58:30	0.037
04/28/2005	13:59:30	0.037
04/28/2005	14:00:30	0.037
04/28/2005	14:01:30	0.037
04/28/2005	14:02:30	0.037
04/28/2005	14:03:30	0.039
04/28/2005	14:04:30	0.036
04/28/2005	14:05:30	0.035
04/28/2005	14:06:30	0.033
04/28/2005	14:07:30	0.033
04/28/2005	14:08:30	0.033
04/28/2005	14:09:30	0.032

04/28/2005	14:10:30	0.031
04/28/2005	14:11:30	0.032
04/28/2005	14:12:30	0.032
04/28/2005	14:13:30	0.030
04/28/2005	14:14:30	0.029
04/28/2005	14:15:30	0.031
04/28/2005	14:16:30	0.032
04/28/2005	14:17:30	0.030
04/28/2005	14:18:30	0.033
04/28/2005	14:19:30	0.032
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04/28/2005	14:21:30	0.035
04/28/2005	14:22:30	0.035
04/28/2005	14:23:30	0.032
04/28/2005	14:24:30	0.034
04/28/2005	14:25:30	0.032
04/28/2005	14:26:30	0.033
04/28/2005	14:27:30	0.034
04/28/2005	14:28:30	0.035
04/28/2005	14:29:30	0.032
04/28/2005	14:30:30	0.032
04/28/2005	14:31:30	0.031
04/28/2005	14:32:30	0.033
04/28/2005	14:33:30	0.033
04/28/2005	14:34:30	0.027
04/28/2005	14:35:30	0.027
04/28/2005	14:36:30	0.025
04/28/2005	14:37:30	0.025
04/28/2005	14:38:30	0.022
04/28/2005	14:39:30	0.027
04/28/2005	14:40:30	0.023
04/28/2005	14:41:30	0.024
04/28/2005	14:42:30	0.025
04/28/2005	14:43:30	0.025
04/28/2005	14:44:30	0.024
04/28/2005	14:45:30	0.026
04/28/2005	14:46:30	0.027
04/28/2005	14:47:30	0.023
04/28/2005	14:48:30	0.026
04/28/2005	14:49:30	0.024
04/28/2005	14:50:30	0.023
04/28/2005	14:51:30	0.028
04/28/2005	14:52:30	0.026
04/28/2005	14:53:30	0.027
04/28/2005	14:54:30	0.025
04/28/2005	14:55:30	0.025
04/28/2005	14:56:30	0.027
04/28/2005	14:57:30	0.024
04/28/2005	14:58:30	0.025
04/28/2005	14:59:30	0.030
04/28/2005	15:00:30	0.024
04/28/2005	15:01:30	0.023
04/28/2005	15:02:30	0.026
04/28/2005	15:03:30	0.027
04/28/2005	15:04:30	0.022
04/28/2005	15:05:30	0.024
04/28/2005	15:06:30	0.022
04/28/2005	15:07:30	0.026
04/28/2005	15:08:30	0.024
04/28/2005	15:09:30	0.029
04/28/2005	15:10:30	0.028
04/28/2005	15:11:30	0.024
04/28/2005	15:12:30	0.024
04/28/2005	15:13:30	0.025

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04/28/2005	15:14:30	0.027
04/28/2005	15:15:30	0.026
04/28/2005	15:16:30	0.029
04/28/2005	15:17:30	0.025
04/28/2005	15:18:30	0.027
04/28/2005	15:19:30	0.026
04/28/2005	15:20:30	0.026
04/28/2005	15:21:30	0.028
04/28/2005	15:22:30	0.028
04/28/2005	15:23:30	0.028
04/28/2005	15:24:30	0.030

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 006
Test Abbreviation:
Start Date: 04/29/2005
Start Time: 08:31:14
Duration (dd:hh:mm:ss): 00:05:49:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 349
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.027
Minimum: 0.015
Time of Minimum: 10:14:14
Date of Minimum: 04/29/2005
Maximum: 0.054
Time of Maximum: 09:36:14
Date of Maximum: 04/29/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
04/29/2005	08:32:14	0.033
04/29/2005	08:33:14	0.032
04/29/2005	08:34:14	0.031
04/29/2005	08:35:14	0.029
04/29/2005	08:36:14	0.031
04/29/2005	08:37:14	0.032
04/29/2005	08:38:14	0.031
04/29/2005	08:39:14	0.029
04/29/2005	08:40:14	0.030
04/29/2005	08:41:14	0.032
04/29/2005	08:42:14	0.029
04/29/2005	08:43:14	0.027
04/29/2005	08:44:14	0.028
04/29/2005	08:45:14	0.028
04/29/2005	08:46:14	0.029
04/29/2005	08:47:14	0.030
04/29/2005	08:48:14	0.030
04/29/2005	08:49:14	0.029
04/29/2005	08:50:14	0.029
04/29/2005	08:51:14	0.029
04/29/2005	08:52:14	0.028
04/29/2005	08:53:14	0.027
04/29/2005	08:54:14	0.028
04/29/2005	08:55:14	0.031
04/29/2005	08:56:14	0.029
04/29/2005	08:57:14	0.032
04/29/2005	08:58:14	0.030
04/29/2005	08:59:14	0.029
04/29/2005	09:00:14	0.029
04/29/2005	09:01:14	0.029
04/29/2005	09:02:14	0.026
04/29/2005	09:03:14	0.026
04/29/2005	09:04:14	0.028
04/29/2005	09:05:14	0.029
04/29/2005	09:06:14	0.030
04/29/2005	09:07:14	0.028

04/29/2005	09:08:14	0.027
04/29/2005	09:09:14	0.028
04/29/2005	09:10:14	0.028
04/29/2005	09:11:14	0.030
04/29/2005	09:12:14	0.027
04/29/2005	09:13:14	0.028
04/29/2005	09:14:14	0.028
04/29/2005	09:15:14	0.028
04/29/2005	09:16:14	0.026
04/29/2005	09:17:14	0.028
04/29/2005	09:18:14	0.027
04/29/2005	09:19:14	0.027
04/29/2005	09:20:14	0.026
04/29/2005	09:21:14	0.027
04/29/2005	09:22:14	0.036
04/29/2005	09:23:14	0.049
04/29/2005	09:24:14	0.045
04/29/2005	09:25:14	0.034
04/29/2005	09:26:14	0.041
04/29/2005	09:27:14	0.033
04/29/2005	09:28:14	0.029
04/29/2005	09:29:14	0.030
04/29/2005	09:30:14	0.028
04/29/2005	09:31:14	0.028
04/29/2005	09:32:14	0.031
04/29/2005	09:33:14	0.031
04/29/2005	09:34:14	0.032
04/29/2005	09:35:14	0.049
04/29/2005	09:36:14	0.054
04/29/2005	09:37:14	0.025
04/29/2005	09:38:14	0.025
04/29/2005	09:39:14	0.024
04/29/2005	09:40:14	0.025
04/29/2005	09:41:14	0.024
04/29/2005	09:42:14	0.024
04/29/2005	09:43:14	0.024
04/29/2005	09:44:14	0.027
04/29/2005	09:45:14	0.026
04/29/2005	09:46:14	0.024
04/29/2005	09:47:14	0.021
04/29/2005	09:48:14	0.020
04/29/2005	09:49:14	0.022
04/29/2005	09:50:14	0.022
04/29/2005	09:51:14	0.023
04/29/2005	09:52:14	0.021
04/29/2005	09:53:14	0.022
04/29/2005	09:54:14	0.021
04/29/2005	09:55:14	0.021
04/29/2005	09:56:14	0.022
04/29/2005	09:57:14	0.022
04/29/2005	09:58:14	0.022
04/29/2005	09:59:14	0.021
04/29/2005	10:00:14	0.020
04/29/2005	10:01:14	0.024
04/29/2005	10:02:14	0.022
04/29/2005	10:03:14	0.019
04/29/2005	10:04:14	0.019
04/29/2005	10:05:14	0.019
04/29/2005	10:06:14	0.019
04/29/2005	10:07:14	0.021
04/29/2005	10:08:14	0.041
04/29/2005	10:09:14	0.017
04/29/2005	10:10:14	0.019
04/29/2005	10:11:14	0.022

04/29/2005	10:12:14	0.017
04/29/2005	10:13:14	0.016
04/29/2005	10:14:14	0.015
04/29/2005	10:15:14	0.017
04/29/2005	10:16:14	0.016
04/29/2005	10:17:14	0.027
04/29/2005	10:18:14	0.017
04/29/2005	10:19:14	0.019
04/29/2005	10:20:14	0.021
04/29/2005	10:21:14	0.017
04/29/2005	10:22:14	0.016
04/29/2005	10:23:14	0.016
04/29/2005	10:24:14	0.018
04/29/2005	10:25:14	0.017
04/29/2005	10:26:14	0.019
04/29/2005	10:27:14	0.022
04/29/2005	10:28:14	0.017
04/29/2005	10:29:14	0.020
04/29/2005	10:30:14	0.019
04/29/2005	10:31:14	0.018
04/29/2005	10:32:14	0.018
04/29/2005	10:33:14	0.020
04/29/2005	10:34:14	0.017
04/29/2005	10:35:14	0.018
04/29/2005	10:36:14	0.020
04/29/2005	10:37:14	0.018
04/29/2005	10:38:14	0.018
04/29/2005	10:39:14	0.018
04/29/2005	10:40:14	0.020
04/29/2005	10:41:14	0.037
04/29/2005	10:42:14	0.025
04/29/2005	10:43:14	0.023
04/29/2005	10:44:14	0.022
04/29/2005	10:45:14	0.018
04/29/2005	10:46:14	0.017
04/29/2005	10:47:14	0.017
04/29/2005	10:48:14	0.016
04/29/2005	10:49:14	0.017
04/29/2005	10:50:14	0.016
04/29/2005	10:51:14	0.017
04/29/2005	10:52:14	0.016
04/29/2005	10:53:14	0.018
04/29/2005	10:54:14	0.019
04/29/2005	10:55:14	0.018
04/29/2005	10:56:14	0.022
04/29/2005	10:57:14	0.022
04/29/2005	10:58:14	0.021
04/29/2005	10:59:14	0.021
04/29/2005	11:00:14	0.019
04/29/2005	11:01:14	0.020
04/29/2005	11:02:14	0.019
04/29/2005	11:03:14	0.019
04/29/2005	11:04:14	0.019
04/29/2005	11:05:14	0.019
04/29/2005	11:06:14	0.020
04/29/2005	11:07:14	0.021
04/29/2005	11:08:14	0.021
04/29/2005	11:09:14	0.021
04/29/2005	11:10:14	0.019
04/29/2005	11:11:14	0.026
04/29/2005	11:12:14	0.022
04/29/2005	11:13:14	0.026
04/29/2005	11:14:14	0.027
04/29/2005	11:15:14	0.022

04/29/2005	11:16:14	0.022
04/29/2005	11:17:14	0.022
04/29/2005	11:18:14	0.022
04/29/2005	11:19:14	0.023
04/29/2005	11:20:14	0.027
04/29/2005	11:21:14	0.023
04/29/2005	11:22:14	0.025
04/29/2005	11:23:14	0.024
04/29/2005	11:24:14	0.025
04/29/2005	11:25:14	0.025
04/29/2005	11:26:14	0.025
04/29/2005	11:27:14	0.024
04/29/2005	11:28:14	0.024
04/29/2005	11:29:14	0.024
04/29/2005	11:30:14	0.024
04/29/2005	11:31:14	0.025
04/29/2005	11:32:14	0.025
04/29/2005	11:33:14	0.025
04/29/2005	11:34:14	0.025
04/29/2005	11:35:14	0.029
04/29/2005	11:36:14	0.028
04/29/2005	11:37:14	0.026
04/29/2005	11:38:14	0.026
04/29/2005	11:39:14	0.026
04/29/2005	11:40:14	0.027
04/29/2005	11:41:14	0.026
04/29/2005	11:42:14	0.027
04/29/2005	11:43:14	0.025
04/29/2005	11:44:14	0.026
04/29/2005	11:45:14	0.027
04/29/2005	11:46:14	0.026
04/29/2005	11:47:14	0.027
04/29/2005	11:48:14	0.026
04/29/2005	11:49:14	0.025
04/29/2005	11:50:14	0.025
04/29/2005	11:51:14	0.026
04/29/2005	11:52:14	0.026
04/29/2005	11:53:14	0.027
04/29/2005	11:54:14	0.026
04/29/2005	11:55:14	0.027
04/29/2005	11:56:14	0.030
04/29/2005	11:57:14	0.029
04/29/2005	11:58:14	0.027
04/29/2005	11:59:14	0.027
04/29/2005	12:00:14	0.029
04/29/2005	12:01:14	0.029
04/29/2005	12:02:14	0.027
04/29/2005	12:03:14	0.026
04/29/2005	12:04:14	0.026
04/29/2005	12:05:14	0.026
04/29/2005	12:06:14	0.028
04/29/2005	12:07:14	0.027
04/29/2005	12:08:14	0.028
04/29/2005	12:09:14	0.027
04/29/2005	12:10:14	0.029
04/29/2005	12:11:14	0.027
04/29/2005	12:12:14	0.027
04/29/2005	12:13:14	0.027
04/29/2005	12:14:14	0.028
04/29/2005	12:15:14	0.029
04/29/2005	12:16:14	0.029
04/29/2005	12:17:14	0.029
04/29/2005	12:18:14	0.029
04/29/2005	12:19:14	0.028

04/29/2005	12:20:14	0.028
04/29/2005	12:21:14	0.031
04/29/2005	12:22:14	0.030
04/29/2005	12:23:14	0.032
04/29/2005	12:24:14	0.029
04/29/2005	12:25:14	0.029
04/29/2005	12:26:14	0.028
04/29/2005	12:27:14	0.029
04/29/2005	12:28:14	0.029
04/29/2005	12:29:14	0.029
04/29/2005	12:30:14	0.034
04/29/2005	12:31:14	0.031
04/29/2005	12:32:14	0.032
04/29/2005	12:33:14	0.030
04/29/2005	12:34:14	0.028
04/29/2005	12:35:14	0.029
04/29/2005	12:36:14	0.029
04/29/2005	12:37:14	0.033
04/29/2005	12:38:14	0.030
04/29/2005	12:39:14	0.031
04/29/2005	12:40:14	0.030
04/29/2005	12:41:14	0.030
04/29/2005	12:42:14	0.030
04/29/2005	12:43:14	0.031
04/29/2005	12:44:14	0.032
04/29/2005	12:45:14	0.031
04/29/2005	12:46:14	0.031
04/29/2005	12:47:14	0.034
04/29/2005	12:48:14	0.030
04/29/2005	12:49:14	0.029
04/29/2005	12:50:14	0.029
04/29/2005	12:51:14	0.029
04/29/2005	12:52:14	0.029
04/29/2005	12:53:14	0.031
04/29/2005	12:54:14	0.029
04/29/2005	12:55:14	0.029
04/29/2005	12:56:14	0.040
04/29/2005	12:57:14	0.028
04/29/2005	12:58:14	0.030
04/29/2005	12:59:14	0.029
04/29/2005	13:00:14	0.030
04/29/2005	13:01:14	0.029
04/29/2005	13:02:14	0.030
04/29/2005	13:03:14	0.028
04/29/2005	13:04:14	0.030
04/29/2005	13:05:14	0.029
04/29/2005	13:06:14	0.039
04/29/2005	13:07:14	0.030
04/29/2005	13:08:14	0.029
04/29/2005	13:09:14	0.032
04/29/2005	13:10:14	0.029
04/29/2005	13:11:14	0.030
04/29/2005	13:12:14	0.031
04/29/2005	13:13:14	0.033
04/29/2005	13:14:14	0.031
04/29/2005	13:15:14	0.030
04/29/2005	13:16:14	0.032
04/29/2005	13:17:14	0.030
04/29/2005	13:18:14	0.031
04/29/2005	13:19:14	0.030
04/29/2005	13:20:14	0.030
04/29/2005	13:21:14	0.034
04/29/2005	13:22:14	0.031
04/29/2005	13:23:14	0.031

04/29/2005	13:24:14	0.031
04/29/2005	13:25:14	0.031
04/29/2005	13:26:14	0.032
04/29/2005	13:27:14	0.033
04/29/2005	13:28:14	0.034
04/29/2005	13:29:14	0.034
04/29/2005	13:30:14	0.032
04/29/2005	13:31:14	0.032
04/29/2005	13:32:14	0.034
04/29/2005	13:33:14	0.043
04/29/2005	13:34:14	0.033
04/29/2005	13:35:14	0.032
04/29/2005	13:36:14	0.032
04/29/2005	13:37:14	0.032
04/29/2005	13:38:14	0.033
04/29/2005	13:39:14	0.033
04/29/2005	13:40:14	0.033
04/29/2005	13:41:14	0.035
04/29/2005	13:42:14	0.032
04/29/2005	13:43:14	0.032
04/29/2005	13:44:14	0.033
04/29/2005	13:45:14	0.031
04/29/2005	13:46:14	0.032
04/29/2005	13:47:14	0.033
04/29/2005	13:48:14	0.036
04/29/2005	13:49:14	0.036
04/29/2005	13:50:14	0.031
04/29/2005	13:51:14	0.034
04/29/2005	13:52:14	0.033
04/29/2005	13:53:14	0.034
04/29/2005	13:54:14	0.036
04/29/2005	13:55:14	0.034
04/29/2005	13:56:14	0.032
04/29/2005	13:57:14	0.034
04/29/2005	13:58:14	0.035
04/29/2005	13:59:14	0.035
04/29/2005	14:00:14	0.032
04/29/2005	14:01:14	0.034
04/29/2005	14:02:14	0.037
04/29/2005	14:03:14	0.034
04/29/2005	14:04:14	0.034
04/29/2005	14:05:14	0.032
04/29/2005	14:06:14	0.033
04/29/2005	14:07:14	0.033
04/29/2005	14:08:14	0.033
04/29/2005	14:09:14	0.031
04/29/2005	14:10:14	0.034
04/29/2005	14:11:14	0.032
04/29/2005	14:12:14	0.034
04/29/2005	14:13:14	0.032
04/29/2005	14:14:14	0.034
04/29/2005	14:15:14	0.036
04/29/2005	14:16:14	0.033
04/29/2005	14:17:14	0.034
04/29/2005	14:18:14	0.035
04/29/2005	14:19:14	0.035
04/29/2005	14:20:14	0.036

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 007
Test Abbreviation:
Start Date: 05/02/2005
Start Time: 08:07:48
Duration (dd:hh:mm:ss): 00:08:13:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 493
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.046
Minimum: 0.033
Time of Minimum: 11:41:48
Date of Minimum: 05/02/2005
Maximum: 0.103
Time of Maximum: 10:20:48
Date of Maximum: 05/02/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
05/02/2005	08:08:48	0.057
05/02/2005	08:09:48	0.054
05/02/2005	08:10:48	0.058
05/02/2005	08:11:48	0.055
05/02/2005	08:12:48	0.053
05/02/2005	08:13:48	0.053
05/02/2005	08:14:48	0.053
05/02/2005	08:15:48	0.052
05/02/2005	08:16:48	0.052
05/02/2005	08:17:48	0.052
05/02/2005	08:18:48	0.053
05/02/2005	08:19:48	0.052
05/02/2005	08:20:48	0.051
05/02/2005	08:21:48	0.051
05/02/2005	08:22:48	0.050
05/02/2005	08:23:48	0.050
05/02/2005	08:24:48	0.050
05/02/2005	08:25:48	0.049
05/02/2005	08:26:48	0.048
05/02/2005	08:27:48	0.050
05/02/2005	08:28:48	0.049
05/02/2005	08:29:48	0.049
05/02/2005	08:30:48	0.048
05/02/2005	08:31:48	0.049
05/02/2005	08:32:48	0.048
05/02/2005	08:33:48	0.049
05/02/2005	08:34:48	0.048
05/02/2005	08:35:48	0.047
05/02/2005	08:36:48	0.048
05/02/2005	08:37:48	0.049
05/02/2005	08:38:48	0.050
05/02/2005	08:39:48	0.049
05/02/2005	08:40:48	0.047
05/02/2005	08:41:48	0.048
05/02/2005	08:42:48	0.051
05/02/2005	08:43:48	0.051

05/02/2005	08:44:48	0.051
05/02/2005	08:45:48	0.051
05/02/2005	08:46:48	0.050
05/02/2005	08:47:48	0.050
05/02/2005	08:48:48	0.057
05/02/2005	08:49:48	0.063
05/02/2005	08:50:48	0.049
05/02/2005	08:51:48	0.051
05/02/2005	08:52:48	0.050
05/02/2005	08:53:48	0.050
05/02/2005	08:54:48	0.051
05/02/2005	08:55:48	0.057
05/02/2005	08:56:48	0.049
05/02/2005	08:57:48	0.053
05/02/2005	08:58:48	0.051
05/02/2005	08:59:48	0.052
05/02/2005	09:00:48	0.048
05/02/2005	09:01:48	0.051
05/02/2005	09:02:48	0.047
05/02/2005	09:03:48	0.047
05/02/2005	09:04:48	0.050
05/02/2005	09:05:48	0.046
05/02/2005	09:06:48	0.050
05/02/2005	09:07:48	0.045
05/02/2005	09:08:48	0.045
05/02/2005	09:09:48	0.046
05/02/2005	09:10:48	0.043
05/02/2005	09:11:48	0.043
05/02/2005	09:12:48	0.043
05/02/2005	09:13:48	0.045
05/02/2005	09:14:48	0.044
05/02/2005	09:15:48	0.043
05/02/2005	09:16:48	0.043
05/02/2005	09:17:48	0.045
05/02/2005	09:18:48	0.050
05/02/2005	09:19:48	0.046
05/02/2005	09:20:48	0.044
05/02/2005	09:21:48	0.042
05/02/2005	09:22:48	0.043
05/02/2005	09:23:48	0.043
05/02/2005	09:24:48	0.043
05/02/2005	09:25:48	0.043
05/02/2005	09:26:48	0.043
05/02/2005	09:27:48	0.045
05/02/2005	09:28:48	0.044
05/02/2005	09:29:48	0.045
05/02/2005	09:30:48	0.043
05/02/2005	09:31:48	0.043
05/02/2005	09:32:48	0.043
05/02/2005	09:33:48	0.043
05/02/2005	09:34:48	0.042
05/02/2005	09:35:48	0.043
05/02/2005	09:36:48	0.044
05/02/2005	09:37:48	0.047
05/02/2005	09:38:48	0.045
05/02/2005	09:39:48	0.043
05/02/2005	09:40:48	0.043
05/02/2005	09:41:48	0.044
05/02/2005	09:42:48	0.044
05/02/2005	09:43:48	0.044
05/02/2005	09:44:48	0.044
05/02/2005	09:45:48	0.044
05/02/2005	09:46:48	0.046
05/02/2005	09:47:48	0.045

05/02/2005	09:48:48	0.045
05/02/2005	09:49:48	0.044
05/02/2005	09:50:48	0.043
05/02/2005	09:51:48	0.043
05/02/2005	09:52:48	0.043
05/02/2005	09:53:48	0.044
05/02/2005	09:54:48	0.046
05/02/2005	09:55:48	0.043
05/02/2005	09:56:48	0.045
05/02/2005	09:57:48	0.044
05/02/2005	09:58:48	0.042
05/02/2005	09:59:48	0.042
05/02/2005	10:00:48	0.041
05/02/2005	10:01:48	0.041
05/02/2005	10:02:48	0.042
05/02/2005	10:03:48	0.042
05/02/2005	10:04:48	0.042
05/02/2005	10:05:48	0.043
05/02/2005	10:06:48	0.041
05/02/2005	10:07:48	0.042
05/02/2005	10:08:48	0.040
05/02/2005	10:09:48	0.040
05/02/2005	10:10:48	0.041
05/02/2005	10:11:48	0.040
05/02/2005	10:12:48	0.039
05/02/2005	10:13:48	0.042
05/02/2005	10:14:48	0.040
05/02/2005	10:15:48	0.043
05/02/2005	10:16:48	0.051
05/02/2005	10:17:48	0.079
05/02/2005	10:18:48	0.063
05/02/2005	10:19:48	0.063
05/02/2005	10:20:48	0.103
05/02/2005	10:21:48	0.068
05/02/2005	10:22:48	0.056
05/02/2005	10:23:48	0.059
05/02/2005	10:24:48	0.067
05/02/2005	10:25:48	0.056
05/02/2005	10:26:48	0.093
05/02/2005	10:27:48	0.063
05/02/2005	10:28:48	0.060
05/02/2005	10:29:48	0.053
05/02/2005	10:30:48	0.054
05/02/2005	10:31:48	0.048
05/02/2005	10:32:48	0.049
05/02/2005	10:33:48	0.047
05/02/2005	10:34:48	0.045
05/02/2005	10:35:48	0.047
05/02/2005	10:36:48	0.048
05/02/2005	10:37:48	0.046
05/02/2005	10:38:48	0.042
05/02/2005	10:39:48	0.054
05/02/2005	10:40:48	0.053
05/02/2005	10:41:48	0.052
05/02/2005	10:42:48	0.045
05/02/2005	10:43:48	0.041
05/02/2005	10:44:48	0.044
05/02/2005	10:45:48	0.038
05/02/2005	10:46:48	0.037
05/02/2005	10:47:48	0.037
05/02/2005	10:48:48	0.036
05/02/2005	10:49:48	0.038
05/02/2005	10:50:48	0.037
05/02/2005	10:51:48	0.035

05/02/2005	10:52:48	0.037
05/02/2005	10:53:48	0.034
05/02/2005	10:54:48	0.035
05/02/2005	10:55:48	0.035
05/02/2005	10:56:48	0.035
05/02/2005	10:57:48	0.035
05/02/2005	10:58:48	0.036
05/02/2005	10:59:48	0.034
05/02/2005	11:00:48	0.034
05/02/2005	11:01:48	0.039
05/02/2005	11:02:48	0.036
05/02/2005	11:03:48	0.036
05/02/2005	11:04:48	0.035
05/02/2005	11:05:48	0.035
05/02/2005	11:06:48	0.035
05/02/2005	11:07:48	0.035
05/02/2005	11:08:48	0.036
05/02/2005	11:09:48	0.037
05/02/2005	11:10:48	0.038
05/02/2005	11:11:48	0.039
05/02/2005	11:12:48	0.039
05/02/2005	11:13:48	0.036
05/02/2005	11:14:48	0.036
05/02/2005	11:15:48	0.038
05/02/2005	11:16:48	0.036
05/02/2005	11:17:48	0.039
05/02/2005	11:18:48	0.036
05/02/2005	11:19:48	0.038
05/02/2005	11:20:48	0.038
05/02/2005	11:21:48	0.035
05/02/2005	11:22:48	0.036
05/02/2005	11:23:48	0.036
05/02/2005	11:24:48	0.040
05/02/2005	11:25:48	0.036
05/02/2005	11:26:48	0.037
05/02/2005	11:27:48	0.035
05/02/2005	11:28:48	0.035
05/02/2005	11:29:48	0.037
05/02/2005	11:30:48	0.038
05/02/2005	11:31:48	0.035
05/02/2005	11:32:48	0.034
05/02/2005	11:33:48	0.035
05/02/2005	11:34:48	0.034
05/02/2005	11:35:48	0.039
05/02/2005	11:36:48	0.035
05/02/2005	11:37:48	0.035
05/02/2005	11:38:48	0.035
05/02/2005	11:39:48	0.037
05/02/2005	11:40:48	0.036
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05/02/2005	11:42:48	0.034
05/02/2005	11:43:48	0.036
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05/02/2005	11:45:48	0.034
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05/02/2005	11:47:48	0.034
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05/02/2005	11:49:48	0.033
05/02/2005	11:50:48	0.035
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05/02/2005	11:52:48	0.035
05/02/2005	11:53:48	0.038
05/02/2005	11:54:48	0.039
05/02/2005	11:55:48	0.037

05/02/2005	11:56:48	0.037
05/02/2005	11:57:48	0.042
05/02/2005	11:58:48	0.041
05/02/2005	11:59:48	0.037
05/02/2005	12:00:48	0.039
05/02/2005	12:01:48	0.040
05/02/2005	12:02:48	0.038
05/02/2005	12:03:48	0.043
05/02/2005	12:04:48	0.040
05/02/2005	12:05:48	0.038
05/02/2005	12:06:48	0.039
05/02/2005	12:07:48	0.038
05/02/2005	12:08:48	0.040
05/02/2005	12:09:48	0.040
05/02/2005	12:10:48	0.038
05/02/2005	12:11:48	0.040
05/02/2005	12:12:48	0.043
05/02/2005	12:13:48	0.041
05/02/2005	12:14:48	0.040
05/02/2005	12:15:48	0.036
05/02/2005	12:16:48	0.043
05/02/2005	12:17:48	0.039
05/02/2005	12:18:48	0.040
05/02/2005	12:19:48	0.040
05/02/2005	12:20:48	0.039
05/02/2005	12:21:48	0.040
05/02/2005	12:22:48	0.041
05/02/2005	12:23:48	0.041
05/02/2005	12:24:48	0.042
05/02/2005	12:25:48	0.044
05/02/2005	12:26:48	0.051
05/02/2005	12:27:48	0.040
05/02/2005	12:28:48	0.041
05/02/2005	12:29:48	0.043
05/02/2005	12:30:48	0.043
05/02/2005	12:31:48	0.042
05/02/2005	12:32:48	0.043
05/02/2005	12:33:48	0.043
05/02/2005	12:34:48	0.044
05/02/2005	12:35:48	0.041
05/02/2005	12:36:48	0.041
05/02/2005	12:37:48	0.043
05/02/2005	12:38:48	0.042
05/02/2005	12:39:48	0.043
05/02/2005	12:40:48	0.043
05/02/2005	12:41:48	0.042
05/02/2005	12:42:48	0.043
05/02/2005	12:43:48	0.040
05/02/2005	12:44:48	0.041
05/02/2005	12:45:48	0.041
05/02/2005	12:46:48	0.041
05/02/2005	12:47:48	0.042
05/02/2005	12:48:48	0.051
05/02/2005	12:49:48	0.044
05/02/2005	12:50:48	0.046
05/02/2005	12:51:48	0.044
05/02/2005	12:52:48	0.044
05/02/2005	12:53:48	0.042
05/02/2005	12:54:48	0.045
05/02/2005	12:55:48	0.041
05/02/2005	12:56:48	0.042
05/02/2005	12:57:48	0.043
05/02/2005	12:58:48	0.042
05/02/2005	12:59:48	0.041

05/02/2005	13:00:48	0.042
05/02/2005	13:01:48	0.040
05/02/2005	13:02:48	0.042
05/02/2005	13:03:48	0.041
05/02/2005	13:04:48	0.049
05/02/2005	13:05:48	0.042
05/02/2005	13:06:48	0.042
05/02/2005	13:07:48	0.041
05/02/2005	13:08:48	0.042
05/02/2005	13:09:48	0.047
05/02/2005	13:10:48	0.054
05/02/2005	13:11:48	0.060
05/02/2005	13:12:48	0.056
05/02/2005	13:13:48	0.046
05/02/2005	13:14:48	0.047
05/02/2005	13:15:48	0.050
05/02/2005	13:16:48	0.057
05/02/2005	13:17:48	0.056
05/02/2005	13:18:48	0.051
05/02/2005	13:19:48	0.049
05/02/2005	13:20:48	0.048
05/02/2005	13:21:48	0.053
05/02/2005	13:22:48	0.043
05/02/2005	13:23:48	0.047
05/02/2005	13:24:48	0.052
05/02/2005	13:25:48	0.047
05/02/2005	13:26:48	0.058
05/02/2005	13:27:48	0.049
05/02/2005	13:28:48	0.046
05/02/2005	13:29:48	0.049
05/02/2005	13:30:48	0.045
05/02/2005	13:31:48	0.043
05/02/2005	13:32:48	0.046
05/02/2005	13:33:48	0.044
05/02/2005	13:34:48	0.043
05/02/2005	13:35:48	0.041
05/02/2005	13:36:48	0.043
05/02/2005	13:37:48	0.043
05/02/2005	13:38:48	0.041
05/02/2005	13:39:48	0.043
05/02/2005	13:40:48	0.044
05/02/2005	13:41:48	0.043
05/02/2005	13:42:48	0.043
05/02/2005	13:43:48	0.046
05/02/2005	13:44:48	0.048
05/02/2005	13:45:48	0.043
05/02/2005	13:46:48	0.046
05/02/2005	13:47:48	0.045
05/02/2005	13:48:48	0.045
05/02/2005	13:49:48	0.042
05/02/2005	13:50:48	0.044
05/02/2005	13:51:48	0.043
05/02/2005	13:52:48	0.045
05/02/2005	13:53:48	0.043
05/02/2005	13:54:48	0.044
05/02/2005	13:55:48	0.042
05/02/2005	13:56:48	0.048
05/02/2005	13:57:48	0.042
05/02/2005	13:58:48	0.042
05/02/2005	13:59:48	0.042
05/02/2005	14:00:48	0.045
05/02/2005	14:01:48	0.045
05/02/2005	14:02:48	0.046
05/02/2005	14:03:48	0.043

05/02/2005	14:04:48	0.044
05/02/2005	14:05:48	0.045
05/02/2005	14:06:48	0.043
05/02/2005	14:07:48	0.044
05/02/2005	14:08:48	0.045
05/02/2005	14:09:48	0.044
05/02/2005	14:10:48	0.048
05/02/2005	14:11:48	0.044
05/02/2005	14:12:48	0.045
05/02/2005	14:13:48	0.044
05/02/2005	14:14:48	0.048
05/02/2005	14:15:48	0.053
05/02/2005	14:16:48	0.055
05/02/2005	14:17:48	0.054
05/02/2005	14:18:48	0.053
05/02/2005	14:19:48	0.040
05/02/2005	14:20:48	0.051
05/02/2005	14:21:48	0.049
05/02/2005	14:22:48	0.047
05/02/2005	14:23:48	0.045
05/02/2005	14:24:48	0.062
05/02/2005	14:25:48	0.044
05/02/2005	14:26:48	0.062
05/02/2005	14:27:48	0.059
05/02/2005	14:28:48	0.044
05/02/2005	14:29:48	0.043
05/02/2005	14:30:48	0.053
05/02/2005	14:31:48	0.056
05/02/2005	14:32:48	0.047
05/02/2005	14:33:48	0.045
05/02/2005	14:34:48	0.054
05/02/2005	14:35:48	0.046
05/02/2005	14:36:48	0.047
05/02/2005	14:37:48	0.057
05/02/2005	14:38:48	0.048
05/02/2005	14:39:48	0.049
05/02/2005	14:40:48	0.051
05/02/2005	14:41:48	0.048
05/02/2005	14:42:48	0.065
05/02/2005	14:43:48	0.065
05/02/2005	14:44:48	0.060
05/02/2005	14:45:48	0.067
05/02/2005	14:46:48	0.056
05/02/2005	14:47:48	0.046
05/02/2005	14:48:48	0.050
05/02/2005	14:49:48	0.048
05/02/2005	14:50:48	0.057
05/02/2005	14:51:48	0.052
05/02/2005	14:52:48	0.046
05/02/2005	14:53:48	0.043
05/02/2005	14:54:48	0.044
05/02/2005	14:55:48	0.046
05/02/2005	14:56:48	0.045
05/02/2005	14:57:48	0.046
05/02/2005	14:58:48	0.068
05/02/2005	14:59:48	0.055
05/02/2005	15:00:48	0.046
05/02/2005	15:01:48	0.043
05/02/2005	15:02:48	0.046
05/02/2005	15:03:48	0.044
05/02/2005	15:04:48	0.047
05/02/2005	15:05:48	0.047
05/02/2005	15:06:48	0.049
05/02/2005	15:07:48	0.045

05/02/2005	15:08:48	0.053
05/02/2005	15:09:48	0.051
05/02/2005	15:10:48	0.057
05/02/2005	15:11:48	0.051
05/02/2005	15:12:48	0.055
05/02/2005	15:13:48	0.052
05/02/2005	15:14:48	0.055
05/02/2005	15:15:48	0.051
05/02/2005	15:16:48	0.047
05/02/2005	15:17:48	0.070
05/02/2005	15:18:48	0.072
05/02/2005	15:19:48	0.045
05/02/2005	15:20:48	0.045
05/02/2005	15:21:48	0.045
05/02/2005	15:22:48	0.050
05/02/2005	15:23:48	0.045
05/02/2005	15:24:48	0.044
05/02/2005	15:25:48	0.047
05/02/2005	15:26:48	0.046
05/02/2005	15:27:48	0.045
05/02/2005	15:28:48	0.068
05/02/2005	15:29:48	0.090
05/02/2005	15:30:48	0.066
05/02/2005	15:31:48	0.051
05/02/2005	15:32:48	0.049
05/02/2005	15:33:48	0.060
05/02/2005	15:34:48	0.055
05/02/2005	15:35:48	0.064
05/02/2005	15:36:48	0.048
05/02/2005	15:37:48	0.046
05/02/2005	15:38:48	0.043
05/02/2005	15:39:48	0.046
05/02/2005	15:40:48	0.049
05/02/2005	15:41:48	0.055
05/02/2005	15:42:48	0.064
05/02/2005	15:43:48	0.056
05/02/2005	15:44:48	0.066
05/02/2005	15:45:48	0.059
05/02/2005	15:46:48	0.056
05/02/2005	15:47:48	0.056
05/02/2005	15:48:48	0.052
05/02/2005	15:49:48	0.075
05/02/2005	15:50:48	0.059
05/02/2005	15:51:48	0.058
05/02/2005	15:52:48	0.058
05/02/2005	15:53:48	0.057
05/02/2005	15:54:48	0.060
05/02/2005	15:55:48	0.050
05/02/2005	15:56:48	0.046
05/02/2005	15:57:48	0.047
05/02/2005	15:58:48	0.044
05/02/2005	15:59:48	0.045
05/02/2005	16:00:48	0.046
05/02/2005	16:01:48	0.046
05/02/2005	16:02:48	0.048
05/02/2005	16:03:48	0.047
05/02/2005	16:04:48	0.047
05/02/2005	16:05:48	0.046
05/02/2005	16:06:48	0.047
05/02/2005	16:07:48	0.047
05/02/2005	16:08:48	0.044
05/02/2005	16:09:48	0.043
05/02/2005	16:10:48	0.047
05/02/2005	16:11:48	0.043

05/02/2005	16:12:48	0.044
05/02/2005	16:13:48	0.044
05/02/2005	16:14:48	0.043
05/02/2005	16:15:48	0.045
05/02/2005	16:16:48	0.045
05/02/2005	16:17:48	0.043
05/02/2005	16:18:48	0.046
05/02/2005	16:19:48	0.046
05/02/2005	16:20:48	0.042

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 008
Test Abbreviation:
Start Date: 05/12/2005
Start Time: 07:42:32
Duration (dd:hh:mm:ss): 00:01:40:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 100
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.035
Minimum: 0.013
Time of Minimum: 08:45:32
Date of Minimum: 05/12/2005
Maximum: 0.280
Time of Maximum: 09:12:32
Date of Maximum: 05/12/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
05/12/2005	07:43:32	0.024
05/12/2005	07:44:32	0.015
05/12/2005	07:45:32	0.016
05/12/2005	07:46:32	0.017
05/12/2005	07:47:32	0.015
05/12/2005	07:48:32	0.015
05/12/2005	07:49:32	0.019
05/12/2005	07:50:32	0.020
05/12/2005	07:51:32	0.015
05/12/2005	07:52:32	0.018
05/12/2005	07:53:32	0.020
05/12/2005	07:54:32	0.024
05/12/2005	07:55:32	0.020
05/12/2005	07:56:32	0.019
05/12/2005	07:57:32	0.015
05/12/2005	07:58:32	0.016
05/12/2005	07:59:32	0.020
05/12/2005	08:00:32	0.258
05/12/2005	08:01:32	0.024
05/12/2005	08:02:32	0.016
05/12/2005	08:03:32	0.014
05/12/2005	08:04:32	0.017
05/12/2005	08:05:32	0.015
05/12/2005	08:06:32	0.017
05/12/2005	08:07:32	0.023
05/12/2005	08:08:32	0.015
05/12/2005	08:09:32	0.014
05/12/2005	08:10:32	0.021
05/12/2005	08:11:32	0.016
05/12/2005	08:12:32	0.016
05/12/2005	08:13:32	0.019
05/12/2005	08:14:32	0.022
05/12/2005	08:15:32	0.019
05/12/2005	08:16:32	0.017
05/12/2005	08:17:32	0.022
05/12/2005	08:18:32	0.016

05/12/2005	08:19:32	0.016
05/12/2005	08:20:32	0.018
05/12/2005	08:21:32	0.021
05/12/2005	08:22:32	0.015
05/12/2005	08:23:32	0.015
05/12/2005	08:24:32	0.017
05/12/2005	08:25:32	0.015
05/12/2005	08:26:32	0.019
05/12/2005	08:27:32	0.031
05/12/2005	08:28:32	0.030
05/12/2005	08:29:32	0.057
05/12/2005	08:30:32	0.025
05/12/2005	08:31:32	0.025
05/12/2005	08:32:32	0.026
05/12/2005	08:33:32	0.019
05/12/2005	08:34:32	0.027
05/12/2005	08:35:32	0.028
05/12/2005	08:36:32	0.034
05/12/2005	08:37:32	0.022
05/12/2005	08:38:32	0.020
05/12/2005	08:39:32	0.024
05/12/2005	08:40:32	0.021
05/12/2005	08:41:32	0.018
05/12/2005	08:42:32	0.019
05/12/2005	08:43:32	0.022
05/12/2005	08:44:32	0.015
05/12/2005	08:45:32	0.013
05/12/2005	08:46:32	0.018
05/12/2005	08:47:32	0.018
05/12/2005	08:48:32	0.016
05/12/2005	08:49:32	0.015
05/12/2005	08:50:32	0.015
05/12/2005	08:51:32	0.020
05/12/2005	08:52:32	0.014
05/12/2005	08:53:32	0.016
05/12/2005	08:54:32	0.015
05/12/2005	08:55:32	0.015
05/12/2005	08:56:32	0.019
05/12/2005	08:57:32	0.015
05/12/2005	08:58:32	0.018
05/12/2005	08:59:32	0.016
05/12/2005	09:00:32	0.017
05/12/2005	09:01:32	0.018
05/12/2005	09:02:32	0.028
05/12/2005	09:03:32	0.023
05/12/2005	09:04:32	0.152
05/12/2005	09:05:32	0.192
05/12/2005	09:06:32	0.025
05/12/2005	09:07:32	0.083
05/12/2005	09:08:32	0.095
05/12/2005	09:09:32	0.020
05/12/2005	09:10:32	0.020
05/12/2005	09:11:32	0.126
05/12/2005	09:12:32	0.280
05/12/2005	09:13:32	0.106
05/12/2005	09:14:32	0.136
05/12/2005	09:15:32	0.075
05/12/2005	09:16:32	0.063
05/12/2005	09:17:32	0.032
05/12/2005	09:18:32	0.069
05/12/2005	09:19:32	0.045
05/12/2005	09:20:32	0.041
05/12/2005	09:21:32	0.129
05/12/2005	09:22:32	0.023

TrakPro Version 3.40 ASCII Data File
Model: Dust Trak
Serial Number: 14038
Test ID: 009
Test Abbreviation:
Start Date: 05/12/2005
Start Time: 10:20:26
Duration (dd:hh:mm:ss): 00:04:18:00
Time constant (seconds): 10
Log Interval (mm:ss): 01:00
Number of points: 258
Notes:

Statistics Channel: Aerosol
Units: mg/m^3
Average: 0.065
Minimum: 0.015
Time of Minimum: 11:38:26
Date of Minimum: 05/12/2005
Maximum: 1.257
Time of Maximum: 13:53:26
Date of Maximum: 05/12/2005

Calibration Sensor: Aerosol
Cal. date 10/09/2003

Date	Time	Aerosol
MM/dd/yyyy	hh:mm:ss	mg/m^3
05/12/2005	10:21:26	0.033
05/12/2005	10:22:26	0.063
05/12/2005	10:23:26	0.059
05/12/2005	10:24:26	0.041
05/12/2005	10:25:26	0.138
05/12/2005	10:26:26	0.145
05/12/2005	10:27:26	0.047
05/12/2005	10:28:26	0.044
05/12/2005	10:29:26	0.036
05/12/2005	10:30:26	0.050
05/12/2005	10:31:26	0.029
05/12/2005	10:32:26	0.019
05/12/2005	10:33:26	0.031
05/12/2005	10:34:26	0.028
05/12/2005	10:35:26	0.027
05/12/2005	10:36:26	0.025
05/12/2005	10:37:26	0.017
05/12/2005	10:38:26	0.018
05/12/2005	10:39:26	0.031
05/12/2005	10:40:26	0.043
05/12/2005	10:41:26	0.022
05/12/2005	10:42:26	0.036
05/12/2005	10:43:26	0.053
05/12/2005	10:44:26	0.034
05/12/2005	10:45:26	0.049
05/12/2005	10:46:26	0.027
05/12/2005	10:47:26	0.023
05/12/2005	10:48:26	0.027
05/12/2005	10:49:26	0.023
05/12/2005	10:50:26	0.023
05/12/2005	10:51:26	0.049
05/12/2005	10:52:26	0.053
05/12/2005	10:53:26	0.016
05/12/2005	10:54:26	0.030
05/12/2005	10:55:26	0.026
05/12/2005	10:56:26	0.059

05/12/2005	10:57:26	0.031
05/12/2005	10:58:26	0.024
05/12/2005	10:59:26	0.019
05/12/2005	11:00:26	0.057
05/12/2005	11:01:26	0.027
05/12/2005	11:02:26	0.082
05/12/2005	11:03:26	0.104
05/12/2005	11:04:26	0.082
05/12/2005	11:05:26	0.095
05/12/2005	11:06:26	0.017
05/12/2005	11:07:26	0.333
05/12/2005	11:08:26	0.235
05/12/2005	11:09:26	0.085
05/12/2005	11:10:26	0.051
05/12/2005	11:11:26	0.059
05/12/2005	11:12:26	0.058
05/12/2005	11:13:26	0.038
05/12/2005	11:14:26	0.049
05/12/2005	11:15:26	0.035
05/12/2005	11:16:26	0.032
05/12/2005	11:17:26	0.047
05/12/2005	11:18:26	0.016
05/12/2005	11:19:26	0.021
05/12/2005	11:20:26	0.025
05/12/2005	11:21:26	0.027
05/12/2005	11:22:26	0.077
05/12/2005	11:23:26	0.060
05/12/2005	11:24:26	0.041
05/12/2005	11:25:26	0.392
05/12/2005	11:26:26	0.028
05/12/2005	11:27:26	0.092
05/12/2005	11:28:26	0.089
05/12/2005	11:29:26	0.126
05/12/2005	11:30:26	0.400
05/12/2005	11:31:26	0.256
05/12/2005	11:32:26	0.022
05/12/2005	11:33:26	0.058
05/12/2005	11:34:26	0.039
05/12/2005	11:35:26	0.069
05/12/2005	11:36:26	0.214
05/12/2005	11:37:26	0.145
05/12/2005	11:38:26	0.015
05/12/2005	11:39:26	0.042
05/12/2005	11:40:26	0.067
05/12/2005	11:41:26	0.186
05/12/2005	11:42:26	0.103
05/12/2005	11:43:26	0.035
05/12/2005	11:44:26	0.044
05/12/2005	11:45:26	0.092
05/12/2005	11:46:26	0.052
05/12/2005	11:47:26	0.149
05/12/2005	11:48:26	0.055
05/12/2005	11:49:26	0.048
05/12/2005	11:50:26	0.137
05/12/2005	11:51:26	0.069
05/12/2005	11:52:26	0.989
05/12/2005	11:53:26	0.040
05/12/2005	11:54:26	0.148
05/12/2005	11:55:26	0.029
05/12/2005	11:56:26	0.018
05/12/2005	11:57:26	0.030
05/12/2005	11:58:26	0.021
05/12/2005	11:59:26	0.026
05/12/2005	12:00:26	0.037

05/12/2005	12:01:26	0.032
05/12/2005	12:02:26	0.052
05/12/2005	12:03:26	0.047
05/12/2005	12:04:26	0.126
05/12/2005	12:05:26	0.111
05/12/2005	12:06:26	0.027
05/12/2005	12:07:26	0.022
05/12/2005	12:08:26	0.023
05/12/2005	12:09:26	0.018
05/12/2005	12:10:26	0.015
05/12/2005	12:11:26	0.084
05/12/2005	12:12:26	0.041
05/12/2005	12:13:26	0.015
05/12/2005	12:14:26	0.022
05/12/2005	12:15:26	0.028
05/12/2005	12:16:26	0.028
05/12/2005	12:17:26	0.493
05/12/2005	12:18:26	0.031
05/12/2005	12:19:26	0.024
05/12/2005	12:20:26	0.021
05/12/2005	12:21:26	0.028
05/12/2005	12:22:26	0.018
05/12/2005	12:23:26	0.030
05/12/2005	12:24:26	0.042
05/12/2005	12:25:26	0.055
05/12/2005	12:26:26	0.028
05/12/2005	12:27:26	0.044
05/12/2005	12:28:26	0.016
05/12/2005	12:29:26	0.037
05/12/2005	12:30:26	0.032
05/12/2005	12:31:26	0.082
05/12/2005	12:32:26	0.021
05/12/2005	12:33:26	0.070
05/12/2005	12:34:26	0.020
05/12/2005	12:35:26	0.047
05/12/2005	12:36:26	0.087
05/12/2005	12:37:26	0.023
05/12/2005	12:38:26	0.016
05/12/2005	12:39:26	0.158
05/12/2005	12:40:26	0.104
05/12/2005	12:41:26	0.190
05/12/2005	12:42:26	0.068
05/12/2005	12:43:26	0.031
05/12/2005	12:44:26	0.038
05/12/2005	12:45:26	0.019
05/12/2005	12:46:26	0.016
05/12/2005	12:47:26	0.021
05/12/2005	12:48:26	0.023
05/12/2005	12:49:26	0.015
05/12/2005	12:50:26	0.015
05/12/2005	12:51:26	0.015
05/12/2005	12:52:26	0.021
05/12/2005	12:53:26	0.029
05/12/2005	12:54:26	0.035
05/12/2005	12:55:26	0.031
05/12/2005	12:56:26	0.035
05/12/2005	12:57:26	0.026
05/12/2005	12:58:26	0.027
05/12/2005	12:59:26	0.017
05/12/2005	13:00:26	0.017
05/12/2005	13:01:26	0.036
05/12/2005	13:02:26	0.031
05/12/2005	13:03:26	0.033
05/12/2005	13:04:26	0.029

05/12/2005	13:05:26	0.026
05/12/2005	13:06:26	0.019
05/12/2005	13:07:26	0.030
05/12/2005	13:08:26	0.019
05/12/2005	13:09:26	0.019
05/12/2005	13:10:26	0.020
05/12/2005	13:11:26	0.019
05/12/2005	13:12:26	0.027
05/12/2005	13:13:26	0.021
05/12/2005	13:14:26	0.020
05/12/2005	13:15:26	0.023
05/12/2005	13:16:26	0.075
05/12/2005	13:17:26	0.039
05/12/2005	13:18:26	0.018
05/12/2005	13:19:26	0.020
05/12/2005	13:20:26	0.059
05/12/2005	13:21:26	0.022
05/12/2005	13:22:26	0.019
05/12/2005	13:23:26	0.017
05/12/2005	13:24:26	0.016
05/12/2005	13:25:26	0.015
05/12/2005	13:26:26	0.017
05/12/2005	13:27:26	0.018
05/12/2005	13:28:26	0.022
05/12/2005	13:29:26	0.019
05/12/2005	13:30:26	0.019
05/12/2005	13:31:26	0.028
05/12/2005	13:32:26	0.035
05/12/2005	13:33:26	0.020
05/12/2005	13:34:26	0.051
05/12/2005	13:35:26	0.033
05/12/2005	13:36:26	0.031
05/12/2005	13:37:26	0.189
05/12/2005	13:38:26	0.055
05/12/2005	13:39:26	0.093
05/12/2005	13:40:26	0.064
05/12/2005	13:41:26	0.016
05/12/2005	13:42:26	0.016
05/12/2005	13:43:26	0.019
05/12/2005	13:44:26	0.031
05/12/2005	13:45:26	0.038
05/12/2005	13:46:26	0.042
05/12/2005	13:47:26	0.017
05/12/2005	13:48:26	0.040
05/12/2005	13:49:26	0.044
05/12/2005	13:50:26	0.032
05/12/2005	13:51:26	0.035
05/12/2005	13:52:26	0.045
05/12/2005	13:53:26	1.257
05/12/2005	13:54:26	0.127
05/12/2005	13:55:26	0.033
05/12/2005	13:56:26	0.038
05/12/2005	13:57:26	0.021
05/12/2005	13:58:26	0.022
05/12/2005	13:59:26	0.039
05/12/2005	14:00:26	0.025
05/12/2005	14:01:26	0.024
05/12/2005	14:02:26	0.017
05/12/2005	14:03:26	0.016
05/12/2005	14:04:26	0.125
05/12/2005	14:05:26	0.030
05/12/2005	14:06:26	0.202
05/12/2005	14:07:26	0.065
05/12/2005	14:08:26	0.028

05/12/2005	14:09:26	0.047
05/12/2005	14:10:26	0.030
05/12/2005	14:11:26	0.041
05/12/2005	14:12:26	0.028
05/12/2005	14:13:26	0.189
05/12/2005	14:14:26	0.070
05/12/2005	14:15:26	0.060
05/12/2005	14:16:26	0.029
05/12/2005	14:17:26	0.078
05/12/2005	14:18:26	0.057
05/12/2005	14:19:26	0.027
05/12/2005	14:20:26	0.027
05/12/2005	14:21:26	0.068
05/12/2005	14:22:26	0.024
05/12/2005	14:23:26	0.020
05/12/2005	14:24:26	0.032
05/12/2005	14:25:26	0.038
05/12/2005	14:26:26	0.037
05/12/2005	14:27:26	0.060
05/12/2005	14:28:26	0.052
05/12/2005	14:29:26	0.038
05/12/2005	14:30:26	0.062
05/12/2005	14:31:26	0.094
05/12/2005	14:32:26	0.047
05/12/2005	14:33:26	0.128
05/12/2005	14:34:26	0.135
05/12/2005	14:35:26	0.143
05/12/2005	14:36:26	0.109
05/12/2005	14:37:26	0.473
05/12/2005	14:38:26	0.104

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005449
User ID: 0000001 Site ID: 00000218
Data Points: 1745 Gas Name: Isobutylene Sample Period: 15 sec
Last Calibration Time: 05/11/2005 09:37

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	05/11/2005	09:38	-----	0.0	0.2
2	05/11/2005	09:38	-----	0.0	0.0
3	05/11/2005	09:38	-----	0.0	0.1
4	05/11/2005	09:38	-----	0.0	0.1
5	05/11/2005	09:39	-----	0.0	0.0
6	05/11/2005	09:39	-----	0.0	0.1
7	05/11/2005	09:39	-----	0.0	0.1
8	05/11/2005	09:39	-----	0.0	0.1
9	05/11/2005	09:40	-----	0.0	0.1
10	05/11/2005	09:40	-----	0.0	0.1
11	05/11/2005	09:40	-----	0.0	0.1
12	05/11/2005	09:40	-----	0.0	0.1
13	05/11/2005	09:41	-----	0.0	0.1
14	05/11/2005	09:41	-----	0.0	0.1
15	05/11/2005	09:41	-----	0.1	0.2
16	05/11/2005	09:41	-----	0.1	0.1
17	05/11/2005	09:42	-----	0.0	0.2
18	05/11/2005	09:42	-----	0.0	0.1
19	05/11/2005	09:42	-----	0.0	0.1
20	05/11/2005	09:42	-----	0.0	0.1
21	05/11/2005	09:43	-----	0.0	0.1
22	05/11/2005	09:43	-----	0.0	0.1
23	05/11/2005	09:43	-----	0.0	0.1
24	05/11/2005	09:43	-----	0.0	0.1
25	05/11/2005	09:44	-----	0.0	0.1
26	05/11/2005	09:44	-----	0.0	0.1
27	05/11/2005	09:44	-----	0.0	0.1
28	05/11/2005	09:44	-----	0.0	0.1
29	05/11/2005	09:45	-----	0.0	0.1
30	05/11/2005	09:45	-----	0.0	0.1
31	05/11/2005	09:45	-----	0.0	0.1
32	05/11/2005	09:45	-----	0.0	0.1
33	05/11/2005	09:46	-----	0.0	0.1
34	05/11/2005	09:46	-----	0.0	0.1
35	05/11/2005	09:46	-----	0.0	0.1
36	05/11/2005	09:46	-----	0.0	0.1
37	05/11/2005	09:47	-----	0.0	0.1
38	05/11/2005	09:47	-----	0.0	0.1
39	05/11/2005	09:47	-----	0.0	0.1
40	05/11/2005	09:47	-----	0.0	0.1
41	05/11/2005	09:48	-----	0.0	0.1
42	05/11/2005	09:48	-----	0.0	0.2
43	05/11/2005	09:48	-----	0.0	0.1
44	05/11/2005	09:48	-----	0.0	0.3
45	05/11/2005	09:49	-----	0.1	0.5
46	05/11/2005	09:49	-----	0.1	0.1
47	05/11/2005	09:49	-----	0.1	0.6
48	05/11/2005	09:49	-----	0.1	0.2
49	05/11/2005	09:50	-----	0.0	0.1

50	05/11/2005 09:50	-----	0.0	0.1
51	05/11/2005 09:50	-----	0.0	0.1
52	05/11/2005 09:50	-----	0.1	0.2
53	05/11/2005 09:51	-----	0.1	0.1
54	05/11/2005 09:51	-----	0.1	0.1
55	05/11/2005 09:51	-----	0.1	0.1
56	05/11/2005 09:51	-----	0.1	0.2
57	05/11/2005 09:52	-----	0.1	0.1
58	05/11/2005 09:52	-----	0.1	0.3
59	05/11/2005 09:52	-----	0.1	0.2
60	05/11/2005 09:52	-----	0.1	0.1
61	05/11/2005 09:53	-----	0.1	0.2
62	05/11/2005 09:53	-----	0.1	0.2
63	05/11/2005 09:53	-----	0.1	0.2
64	05/11/2005 09:53	-----	0.0	0.1
65	05/11/2005 09:54	-----	0.1	0.4
66	05/11/2005 09:54	-----	0.1	0.2
67	05/11/2005 09:54	-----	0.1	0.2
68	05/11/2005 09:54	-----	0.1	0.2
69	05/11/2005 09:55	-----	0.1	0.2
70	05/11/2005 09:55	-----	0.1	0.2
71	05/11/2005 09:55	-----	0.1	0.2
72	05/11/2005 09:55	-----	0.1	0.2
73	05/11/2005 09:56	-----	0.1	0.2
74	05/11/2005 09:56	-----	0.1	0.2
75	05/11/2005 09:56	-----	0.1	0.1
76	05/11/2005 09:56	-----	0.1	0.2
77	05/11/2005 09:57	-----	0.1	0.2
78	05/11/2005 09:57	-----	0.1	0.2
79	05/11/2005 09:57	-----	0.1	0.2
80	05/11/2005 09:57	-----	0.1	0.2
81	05/11/2005 09:58	-----	0.1	0.1
82	05/11/2005 09:58	-----	0.1	0.2
83	05/11/2005 09:58	-----	0.1	0.2
84	05/11/2005 09:58	-----	0.1	0.2
85	05/11/2005 09:59	-----	0.1	0.2
86	05/11/2005 09:59	-----	0.1	0.2
87	05/11/2005 09:59	-----	0.1	0.2
88	05/11/2005 09:59	-----	0.1	0.2
89	05/11/2005 10:00	-----	0.1	0.2
90	05/11/2005 10:00	-----	0.1	0.2
91	05/11/2005 10:00	-----	0.1	0.2
92	05/11/2005 10:00	-----	0.1	0.2
93	05/11/2005 10:01	-----	0.1	0.2
94	05/11/2005 10:01	-----	0.1	0.2
95	05/11/2005 10:01	-----	0.1	0.1
96	05/11/2005 10:01	-----	0.1	0.2
97	05/11/2005 10:02	-----	0.1	0.2
98	05/11/2005 10:02	-----	0.1	0.2
99	05/11/2005 10:02	-----	0.1	0.2
100	05/11/2005 10:02	-----	0.2	0.2
101	05/11/2005 10:03	-----	0.1	0.2
102	05/11/2005 10:03	-----	0.1	0.2
103	05/11/2005 10:03	-----	0.1	0.2
104	05/11/2005 10:03	-----	0.1	0.2
105	05/11/2005 10:04	-----	0.1	0.2
106	05/11/2005 10:04	-----	0.1	0.2
107	05/11/2005 10:04	-----	0.1	0.3
108	05/11/2005 10:04	-----	0.1	0.2
109	05/11/2005 10:05	-----	0.1	0.2

110	05/11/2005 10:05	-----	0.1	0.3
111	05/11/2005 10:05	-----	0.2	0.3
112	05/11/2005 10:05	-----	0.2	0.3
113	05/11/2005 10:06	-----	0.2	0.4
114	05/11/2005 10:06	-----	0.2	0.3
115	05/11/2005 10:06	-----	0.2	0.3
116	05/11/2005 10:06	-----	0.2	0.4
117	05/11/2005 10:07	-----	0.3	0.4
118	05/11/2005 10:07	-----	0.2	0.3
119	05/11/2005 10:07	-----	0.2	0.3
120	05/11/2005 10:07	-----	0.2	0.2
121	05/11/2005 10:08	-----	0.2	0.3
122	05/11/2005 10:08	-----	0.2	0.2
123	05/11/2005 10:08	-----	0.2	0.4
124	05/11/2005 10:08	-----	0.2	0.2
125	05/11/2005 10:09	-----	0.2	0.3
126	05/11/2005 10:09	-----	0.2	0.3
127	05/11/2005 10:09	-----	0.2	0.4
128	05/11/2005 10:09	-----	0.2	0.2
129	05/11/2005 10:10	-----	0.2	0.3
130	05/11/2005 10:10	-----	0.2	0.3
131	05/11/2005 10:10	-----	0.2	0.2
132	05/11/2005 10:10	-----	0.2	0.2
133	05/11/2005 10:11	-----	0.2	0.3
134	05/11/2005 10:11	-----	0.2	0.2
135	05/11/2005 10:11	-----	0.1	0.2
136	05/11/2005 10:11	-----	0.2	0.5
137	05/11/2005 10:12	-----	0.2	0.3
138	05/11/2005 10:12	-----	0.2	0.2
139	05/11/2005 10:12	-----	0.2	0.3
140	05/11/2005 10:12	-----	0.2	0.4
141	05/11/2005 10:13	-----	0.2	0.3
142	05/11/2005 10:13	-----	0.2	0.3
143	05/11/2005 10:13	-----	0.2	0.3
144	05/11/2005 10:13	-----	0.2	0.4
145	05/11/2005 10:14	-----	0.2	0.3
146	05/11/2005 10:14	-----	0.3	0.4
147	05/11/2005 10:14	-----	0.3	0.4
148	05/11/2005 10:14	-----	0.2	0.3
149	05/11/2005 10:15	-----	0.2	0.3
150	05/11/2005 10:15	-----	0.2	0.2
151	05/11/2005 10:15	-----	0.2	0.5
152	05/11/2005 10:15	-----	0.2	0.4
153	05/11/2005 10:16	-----	0.2	0.3
154	05/11/2005 10:16	-----	0.2	0.2
155	05/11/2005 10:16	-----	0.2	0.3
156	05/11/2005 10:16	-----	0.2	0.3
157	05/11/2005 10:17	-----	0.2	0.2
158	05/11/2005 10:17	-----	0.2	0.3
e: 3 159	05/11/2005 10:17	-----	0.2	0.3
160	05/11/2005 10:17	-----	0.2	0.2
161	05/11/2005 10:18	-----	0.2	0.2
162	05/11/2005 10:18	-----	0.2	0.3
163	05/11/2005 10:18	-----	0.2	0.3
164	05/11/2005 10:18	-----	0.2	0.3
165	05/11/2005 10:19	-----	0.2	0.3
166	05/11/2005 10:19	-----	0.3	0.4
167	05/11/2005 10:19	-----	0.2	0.3
168	05/11/2005 10:19	-----	0.2	0.3
169	05/11/2005 10:20	-----	0.3	0.5

170	05/11/2005 10:20	-----	0.3	0.4
171	05/11/2005 10:20	-----	0.3	0.4
172	05/11/2005 10:20	-----	0.3	0.4
173	05/11/2005 10:21	-----	0.3	0.5
174	05/11/2005 10:21	-----	0.3	0.4
175	05/11/2005 10:21	-----	0.2	0.3
176	05/11/2005 10:21	-----	0.2	0.3
177	05/11/2005 10:22	-----	0.3	0.5
178	05/11/2005 10:22	-----	0.4	0.9
179	05/11/2005 10:22	-----	0.3	0.7
180	05/11/2005 10:22	-----	0.3	0.5
181	05/11/2005 10:23	-----	0.3	0.5
182	05/11/2005 10:23	-----	0.3	0.4
183	05/11/2005 10:23	-----	0.3	0.4
184	05/11/2005 10:23	-----	0.3	0.4
185	05/11/2005 10:24	-----	0.4	0.6
186	05/11/2005 10:24	-----	0.4	0.6
187	05/11/2005 10:24	-----	0.5	0.8
188	05/11/2005 10:24	-----	0.3	0.4
189	05/11/2005 10:25	-----	0.3	0.5
190	05/11/2005 10:25	-----	0.4	0.6
191	05/11/2005 10:25	-----	0.3	0.4
192	05/11/2005 10:25	-----	0.3	0.4
193	05/11/2005 10:26	-----	0.3	0.4
194	05/11/2005 10:26	-----	0.3	0.4
195	05/11/2005 10:26	-----	0.3	0.4
196	05/11/2005 10:26	-----	0.3	0.4
197	05/11/2005 10:27	-----	0.4	0.4
198	05/11/2005 10:27	-----	0.4	0.5
199	05/11/2005 10:27	-----	0.3	0.4
200	05/11/2005 10:27	-----	0.3	0.4
201	05/11/2005 10:28	-----	0.3	0.3
202	05/11/2005 10:28	-----	0.2	0.3
203	05/11/2005 10:28	-----	0.3	0.3
204	05/11/2005 10:28	-----	0.3	0.4
205	05/11/2005 10:29	-----	0.3	0.4
206	05/11/2005 10:29	-----	0.2	0.3
207	05/11/2005 10:29	-----	0.2	0.3
208	05/11/2005 10:29	-----	0.3	0.5
209	05/11/2005 10:30	-----	0.3	0.4
210	05/11/2005 10:30	-----	0.2	0.3
211	05/11/2005 10:30	-----	0.2	0.3
212	05/11/2005 10:30	-----	0.3	0.4
213	05/11/2005 10:31	-----	0.3	0.4
214	05/11/2005 10:31	-----	0.3	0.5
215	05/11/2005 10:31	-----	0.3	0.5
216	05/11/2005 10:31	-----	0.4	0.7
217	05/11/2005 10:32	-----	0.4	0.6
218	05/11/2005 10:32	-----	0.4	0.5
219	05/11/2005 10:32	-----	0.3	0.6
220	05/11/2005 10:32	-----	0.3	0.4
221	05/11/2005 10:33	-----	0.3	0.4
222	05/11/2005 10:33	-----	0.4	0.5
223	05/11/2005 10:33	-----	0.3	0.4
224	05/11/2005 10:33	-----	0.3	0.4
225	05/11/2005 10:34	-----	0.3	0.4
226	05/11/2005 10:34	-----	0.5	0.8
227	05/11/2005 10:34	-----	0.4	0.6
228	05/11/2005 10:34	-----	0.4	0.5
229	05/11/2005 10:35	-----	0.4	0.5

230	05/11/2005 10:35	-----	0.3	0.5
231	05/11/2005 10:35	-----	0.5	0.6
232	05/11/2005 10:35	-----	0.5	0.6
233	05/11/2005 10:36	-----	0.4	0.5
234	05/11/2005 10:36	-----	0.4	0.6
235	05/11/2005 10:36	-----	0.3	0.4
236	05/11/2005 10:36	-----	0.3	0.4
237	05/11/2005 10:37	-----	0.4	0.6
238	05/11/2005 10:37	-----	0.3	0.5
239	05/11/2005 10:37	-----	0.3	0.4
240	05/11/2005 10:37	-----	0.3	0.4
241	05/11/2005 10:38	-----	0.3	0.4
242	05/11/2005 10:38	-----	0.3	0.4
243	05/11/2005 10:38	-----	0.3	0.4
244	05/11/2005 10:38	-----	0.3	0.4
245	05/11/2005 10:39	-----	0.3	0.4
246	05/11/2005 10:39	-----	0.3	0.3
247	05/11/2005 10:39	-----	0.3	0.5
248	05/11/2005 10:39	-----	0.3	0.4
249	05/11/2005 10:40	-----	0.3	0.4
250	05/11/2005 10:40	-----	0.3	0.4
251	05/11/2005 10:40	-----	0.3	0.4
252	05/11/2005 10:40	-----	0.3	0.4
253	05/11/2005 10:41	-----	0.3	0.4
254	05/11/2005 10:41	-----	0.3	0.4
255	05/11/2005 10:41	-----	0.4	0.5
256	05/11/2005 10:41	-----	0.4	0.5
257	05/11/2005 10:42	-----	0.3	0.5
258	05/11/2005 10:42	-----	0.3	0.5
259	05/11/2005 10:42	-----	0.3	0.5
260	05/11/2005 10:42	-----	0.3	0.4
261	05/11/2005 10:43	-----	0.3	0.4
262	05/11/2005 10:43	-----	0.3	0.6
263	05/11/2005 10:43	-----	0.4	0.5
264	05/11/2005 10:43	-----	0.3	0.4
265	05/11/2005 10:44	-----	0.5	1.0
266	05/11/2005 10:44	-----	0.5	0.7
267	05/11/2005 10:44	-----	0.4	0.6
268	05/11/2005 10:44	-----	0.4	0.5
269	05/11/2005 10:45	-----	0.4	0.7
270	05/11/2005 10:45	-----	0.5	0.7
271	05/11/2005 10:45	-----	0.5	0.8
272	05/11/2005 10:45	-----	0.5	0.7
273	05/11/2005 10:46	-----	0.4	0.6
274	05/11/2005 10:46	-----	0.6	0.7
275	05/11/2005 10:46	-----	0.5	0.6
276	05/11/2005 10:46	-----	0.6	0.8
277	05/11/2005 10:47	-----	0.4	0.6
278	05/11/2005 10:47	-----	0.4	0.6
279	05/11/2005 10:47	-----	0.4	0.5
280	05/11/2005 10:47	-----	0.4	0.6
281	05/11/2005 10:48	-----	0.5	0.6
282	05/11/2005 10:48	-----	0.5	0.6
283	05/11/2005 10:48	-----	0.4	0.5
284	05/11/2005 10:48	-----	0.4	0.5
285	05/11/2005 10:49	-----	0.4	0.5
286	05/11/2005 10:49	-----	0.5	0.6
287	05/11/2005 10:49	-----	0.4	0.5
288	05/11/2005 10:49	-----	0.4	0.5
289	05/11/2005 10:50	-----	0.3	0.4

290	05/11/2005 10:50	-----	0.5	0.6
291	05/11/2005 10:50	-----	0.4	0.5
292	05/11/2005 10:50	-----	0.5	0.7
293	05/11/2005 10:51	-----	0.5	0.6
294	05/11/2005 10:51	-----	0.4	0.5
295	05/11/2005 10:51	-----	0.4	0.5
296	05/11/2005 10:51	-----	0.4	0.6
297	05/11/2005 10:52	-----	0.4	0.5
298	05/11/2005 10:52	-----	0.4	0.6
299	05/11/2005 10:52	-----	0.4	0.5
300	05/11/2005 10:52	-----	0.4	0.5
301	05/11/2005 10:53	-----	0.4	0.5
302	05/11/2005 10:53	-----	0.4	0.4
303	05/11/2005 10:53	-----	0.4	0.4
304	05/11/2005 10:53	-----	0.4	0.4
305	05/11/2005 10:54	-----	0.3	0.4
306	05/11/2005 10:54	-----	0.3	0.4
307	05/11/2005 10:54	-----	0.3	0.4
308	05/11/2005 10:54	-----	0.5	0.7
309	05/11/2005 10:55	-----	0.5	0.8
310	05/11/2005 10:55	-----	0.5	0.5
311	05/11/2005 10:55	-----	0.4	0.6
312	05/11/2005 10:55	-----	0.4	0.5
313	05/11/2005 10:56	-----	0.4	0.5
314	05/11/2005 10:56	-----	0.4	0.5
315	05/11/2005 10:56	-----	0.4	0.5
316	05/11/2005 10:56	-----	0.4	0.6
317	05/11/2005 10:57	-----	0.4	0.5
318	05/11/2005 10:57	-----	0.4	0.5
319	05/11/2005 10:57	-----	0.4	0.5
320	05/11/2005 10:57	-----	0.5	0.7
321	05/11/2005 10:58	-----	0.4	0.5
322	05/11/2005 10:58	-----	0.4	0.5
323	05/11/2005 10:58	-----	0.4	0.6
324	05/11/2005 10:58	-----	0.4	0.5
325	05/11/2005 10:59	-----	0.4	0.5
326	05/11/2005 10:59	-----	0.4	0.5
327	05/11/2005 10:59	-----	0.4	0.5
328	05/11/2005 10:59	-----	0.4	0.5
329	05/11/2005 11:00	-----	0.4	0.5
330	05/11/2005 11:00	-----	0.4	0.5
331	05/11/2005 11:00	-----	0.5	0.6
332	05/11/2005 11:00	-----	0.4	0.5
333	05/11/2005 11:01	-----	0.4	0.6
334	05/11/2005 11:01	-----	0.5	0.7
335	05/11/2005 11:01	-----	0.5	0.7
336	05/11/2005 11:01	-----	0.4	0.5
337	05/11/2005 11:02	-----	0.5	0.6
338	05/11/2005 11:02	-----	0.6	0.7
339	05/11/2005 11:02	-----	0.5	0.6
340	05/11/2005 11:02	-----	0.5	0.7
341	05/11/2005 11:03	-----	0.5	0.6
342	05/11/2005 11:03	-----	0.5	0.7
343	05/11/2005 11:03	-----	0.6	0.7
344	05/11/2005 11:03	-----	0.5	0.5
345	05/11/2005 11:04	-----	0.4	0.5
346	05/11/2005 11:04	-----	0.5	0.6
347	05/11/2005 11:04	-----	0.5	0.6
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349	05/11/2005 11:05	-----	0.4	0.5

350	05/11/2005 11:05	-----	0.4	0.6
351	05/11/2005 11:05	-----	0.4	0.5
352	05/11/2005 11:05	-----	0.4	0.5
353	05/11/2005 11:06	-----	0.4	0.5
354	05/11/2005 11:06	-----	0.4	0.6
355	05/11/2005 11:06	-----	0.5	0.6
356	05/11/2005 11:06	-----	0.5	0.6
357	05/11/2005 11:07	-----	0.4	0.5
358	05/11/2005 11:07	-----	0.4	0.6
359	05/11/2005 11:07	-----	0.4	0.5
360	05/11/2005 11:07	-----	0.4	0.5
361	05/11/2005 11:08	-----	0.4	0.4
362	05/11/2005 11:08	-----	0.5	0.7
363	05/11/2005 11:08	-----	0.5	0.6
364	05/11/2005 11:08	-----	0.4	0.5
365	05/11/2005 11:09	-----	0.4	0.5
366	05/11/2005 11:09	-----	0.5	0.7
367	05/11/2005 11:09	-----	0.6	0.7
368	05/11/2005 11:09	-----	0.5	0.6
369	05/11/2005 11:10	-----	0.5	0.6
370	05/11/2005 11:10	-----	0.5	0.6
371	05/11/2005 11:10	-----	0.5	0.6
372	05/11/2005 11:10	-----	0.5	0.7
373	05/11/2005 11:11	-----	0.5	0.6
374	05/11/2005 11:11	-----	0.5	0.7
375	05/11/2005 11:11	-----	0.4	0.5
376	05/11/2005 11:11	-----	0.6	0.7
377	05/11/2005 11:12	-----	0.5	0.6
378	05/11/2005 11:12	-----	0.5	0.6
379	05/11/2005 11:12	-----	0.5	0.6
380	05/11/2005 11:12	-----	0.5	0.6
381	05/11/2005 11:13	-----	0.5	0.6
382	05/11/2005 11:13	-----	0.5	0.6
383	05/11/2005 11:13	-----	0.5	0.6
384	05/11/2005 11:13	-----	0.5	0.6
385	05/11/2005 11:14	-----	0.4	0.5
386	05/11/2005 11:14	-----	0.5	0.6
387	05/11/2005 11:14	-----	0.5	0.5
388	05/11/2005 11:14	-----	0.5	0.7
389	05/11/2005 11:15	-----	0.5	0.8
390	05/11/2005 11:15	-----	0.5	0.5
391	05/11/2005 11:15	-----	0.5	0.7
392	05/11/2005 11:15	-----	0.5	0.6
393	05/11/2005 11:16	-----	0.5	0.6
394	05/11/2005 11:16	-----	0.4	0.5
395	05/11/2005 11:16	-----	0.5	0.7
396	05/11/2005 11:16	-----	0.8	1.1
397	05/11/2005 11:17	-----	0.6	0.8
398	05/11/2005 11:17	-----	0.5	0.6
e: 7 399	05/11/2005 11:17	-----	0.8	1.1
400	05/11/2005 11:17	-----	0.8	1.1
401	05/11/2005 11:18	-----	0.9	1.2
402	05/11/2005 11:18	-----	0.6	0.9
403	05/11/2005 11:18	-----	0.6	0.8
404	05/11/2005 11:18	-----	0.5	0.8
405	05/11/2005 11:19	-----	0.7	0.9
406	05/11/2005 11:19	-----	0.6	0.8
407	05/11/2005 11:19	-----	0.6	0.8
408	05/11/2005 11:19	-----	0.7	1.2
409	05/11/2005 11:20	-----	0.5	0.6

410	05/11/2005 11:20	-----	0.6	1.0
411	05/11/2005 11:20	-----	0.6	0.8
412	05/11/2005 11:20	-----	0.6	0.8
413	05/11/2005 11:21	-----	0.6	1.1
414	05/11/2005 11:21	-----	0.5	0.6
415	05/11/2005 11:21	-----	0.4	0.5
416	05/11/2005 11:21	-----	0.4	0.7
417	05/11/2005 11:22	-----	0.6	0.8
418	05/11/2005 11:22	-----	0.6	0.7
419	05/11/2005 11:22	-----	0.4	0.6
420	05/11/2005 11:22	-----	0.5	0.6
421	05/11/2005 11:23	-----	0.5	0.7
422	05/11/2005 11:23	-----	0.5	0.6
423	05/11/2005 11:23	-----	0.5	1.4
424	05/11/2005 11:23	-----	0.7	1.1
425	05/11/2005 11:24	-----	0.7	1.1
426	05/11/2005 11:24	-----	0.8	1.3
427	05/11/2005 11:24	-----	0.7	1.0
428	05/11/2005 11:24	-----	0.5	0.7
429	05/11/2005 11:25	-----	0.8	1.2
430	05/11/2005 11:25	-----	0.6	0.8
431	05/11/2005 11:25	-----	0.6	0.8
432	05/11/2005 11:25	-----	0.6	0.8
433	05/11/2005 11:26	-----	0.5	0.6
434	05/11/2005 11:26	-----	0.7	1.2
435	05/11/2005 11:26	-----	0.7	1.0
436	05/11/2005 11:26	-----	0.6	0.7
437	05/11/2005 11:27	-----	0.6	0.8
438	05/11/2005 11:27	-----	0.6	0.7
439	05/11/2005 11:27	-----	0.5	0.7
440	05/11/2005 11:27	-----	0.5	0.7
441	05/11/2005 11:28	-----	0.5	0.8
442	05/11/2005 11:28	-----	0.4	0.6
443	05/11/2005 11:28	-----	0.5	0.8
444	05/11/2005 11:28	-----	0.7	0.9
445	05/11/2005 11:29	-----	0.6	0.9
446	05/11/2005 11:29	-----	0.6	0.7
447	05/11/2005 11:29	-----	0.5	0.8
448	05/11/2005 11:29	-----	0.5	0.7
449	05/11/2005 11:30	-----	0.6	0.8
450	05/11/2005 11:30	-----	0.5	0.6
451	05/11/2005 11:30	-----	0.6	0.9
452	05/11/2005 11:30	-----	0.8	1.0
453	05/11/2005 11:31	-----	0.5	0.7
454	05/11/2005 11:31	-----	0.5	0.5
455	05/11/2005 11:31	-----	0.5	0.7
456	05/11/2005 11:31	-----	0.6	0.8
457	05/11/2005 11:32	-----	0.5	0.7
458	05/11/2005 11:32	-----	0.5	0.8
459	05/11/2005 11:32	-----	0.4	0.5
460	05/11/2005 11:32	-----	0.5	0.6
461	05/11/2005 11:33	-----	0.5	0.7
462	05/11/2005 11:33	-----	0.5	1.0
463	05/11/2005 11:33	-----	0.6	0.7
464	05/11/2005 11:33	-----	0.6	0.9
465	05/11/2005 11:34	-----	0.5	0.7
466	05/11/2005 11:34	-----	0.4	0.6
467	05/11/2005 11:34	-----	0.6	0.9
468	05/11/2005 11:34	-----	0.6	0.7
469	05/11/2005 11:35	-----	0.6	0.7

470	05/11/2005 11:35	-----	0.6	0.8
471	05/11/2005 11:35	-----	0.6	0.8
472	05/11/2005 11:35	-----	0.5	0.7
473	05/11/2005 11:36	-----	0.5	0.7
474	05/11/2005 11:36	-----	0.6	0.8
475	05/11/2005 11:36	-----	0.6	0.7
476	05/11/2005 11:36	-----	0.5	0.7
477	05/11/2005 11:37	-----	0.5	0.6
478	05/11/2005 11:37	-----	0.5	0.8
479	05/11/2005 11:37	-----	0.5	0.7
480	05/11/2005 11:37	-----	0.5	0.6
481	05/11/2005 11:38	-----	0.5	0.7
482	05/11/2005 11:38	-----	0.4	0.5
483	05/11/2005 11:38	-----	0.6	0.7
484	05/11/2005 11:38	-----	0.5	0.6
485	05/11/2005 11:39	-----	0.5	0.7
486	05/11/2005 11:39	-----	0.5	0.6
487	05/11/2005 11:39	-----	0.5	0.6
488	05/11/2005 11:39	-----	0.5	0.7
489	05/11/2005 11:40	-----	0.6	0.7
490	05/11/2005 11:40	-----	0.5	0.6
491	05/11/2005 11:40	-----	0.5	0.7
492	05/11/2005 11:40	-----	0.6	0.9
493	05/11/2005 11:41	-----	0.5	0.7
494	05/11/2005 11:41	-----	0.4	0.5
495	05/11/2005 11:41	-----	0.5	0.7
496	05/11/2005 11:41	-----	0.6	0.7
497	05/11/2005 11:42	-----	0.5	0.6
498	05/11/2005 11:42	-----	0.5	0.6
499	05/11/2005 11:42	-----	0.5	0.7
500	05/11/2005 11:42	-----	0.5	0.6
501	05/11/2005 11:43	-----	0.5	0.5
502	05/11/2005 11:43	-----	0.5	0.8
503	05/11/2005 11:43	-----	0.6	0.7
504	05/11/2005 11:43	-----	0.6	0.7
505	05/11/2005 11:44	-----	0.5	0.7
506	05/11/2005 11:44	-----	0.6	0.8
507	05/11/2005 11:44	-----	0.5	0.6
508	05/11/2005 11:44	-----	0.5	0.6
509	05/11/2005 11:45	-----	0.6	0.7
510	05/11/2005 11:45	-----	0.6	0.9
511	05/11/2005 11:45	-----	0.5	0.6
512	05/11/2005 11:45	-----	0.5	0.8
513	05/11/2005 11:46	-----	0.6	0.7
514	05/11/2005 11:46	-----	0.5	0.7
515	05/11/2005 11:46	-----	0.5	0.5
516	05/11/2005 11:46	-----	0.4	0.5
517	05/11/2005 11:47	-----	0.5	0.6
518	05/11/2005 11:47	-----	0.6	0.8
e: 9 519	05/11/2005 11:47	-----	0.5	0.6
520	05/11/2005 11:47	-----	0.5	0.6
521	05/11/2005 11:48	-----	0.5	0.6
522	05/11/2005 11:48	-----	0.4	0.5
523	05/11/2005 11:48	-----	0.4	0.5
524	05/11/2005 11:48	-----	0.4	0.6
525	05/11/2005 11:49	-----	0.4	0.5
526	05/11/2005 11:49	-----	0.4	0.5
527	05/11/2005 11:49	-----	0.4	0.5
528	05/11/2005 11:49	-----	0.5	0.7
529	05/11/2005 11:50	-----	0.4	0.6

530	05/11/2005 11:50	-----	0.4	0.6
531	05/11/2005 11:50	-----	0.5	0.7
532	05/11/2005 11:50	-----	0.4	0.5
533	05/11/2005 11:51	-----	0.5	0.6
534	05/11/2005 11:51	-----	0.5	0.6
535	05/11/2005 11:51	-----	0.5	0.6
536	05/11/2005 11:51	-----	0.5	0.6
537	05/11/2005 11:52	-----	0.5	0.6
538	05/11/2005 11:52	-----	0.5	0.5
539	05/11/2005 11:52	-----	0.5	0.6
540	05/11/2005 11:52	-----	0.5	0.8
541	05/11/2005 11:53	-----	0.6	0.7
542	05/11/2005 11:53	-----	0.6	1.0
543	05/11/2005 11:53	-----	0.5	0.7
544	05/11/2005 11:53	-----	0.5	0.6
545	05/11/2005 11:54	-----	0.5	0.6
546	05/11/2005 11:54	-----	0.6	0.9
547	05/11/2005 11:54	-----	0.5	0.6
548	05/11/2005 11:54	-----	0.5	0.6
549	05/11/2005 11:55	-----	0.5	0.7
550	05/11/2005 11:55	-----	0.5	0.6
551	05/11/2005 11:55	-----	0.6	0.8
552	05/11/2005 11:55	-----	0.5	0.6
553	05/11/2005 11:56	-----	0.5	0.6
554	05/11/2005 11:56	-----	0.4	0.6
555	05/11/2005 11:56	-----	0.5	0.6
556	05/11/2005 11:56	-----	0.4	0.5
557	05/11/2005 11:57	-----	0.4	0.5
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561	05/11/2005 11:58	-----	0.5	0.7
562	05/11/2005 11:58	-----	0.4	0.5
563	05/11/2005 11:58	-----	0.4	0.5
564	05/11/2005 11:58	-----	0.5	0.6
565	05/11/2005 11:59	-----	0.5	0.7
566	05/11/2005 11:59	-----	0.5	0.8
567	05/11/2005 11:59	-----	0.5	0.7
568	05/11/2005 11:59	-----	0.6	0.7
569	05/11/2005 12:00	-----	0.5	0.6
570	05/11/2005 12:00	-----	0.5	0.6
571	05/11/2005 12:00	-----	0.5	0.7
572	05/11/2005 12:00	-----	0.6	0.7
573	05/11/2005 12:01	-----	0.6	0.7
574	05/11/2005 12:01	-----	0.6	0.8
575	05/11/2005 12:01	-----	0.6	0.7
576	05/11/2005 12:01	-----	0.6	0.8
577	05/11/2005 12:02	-----	0.5	0.6
578	05/11/2005 12:02	-----	0.5	0.6
579	05/11/2005 12:02	-----	0.5	0.7
580	05/11/2005 12:02	-----	0.5	0.5
581	05/11/2005 12:03	-----	0.5	0.6
582	05/11/2005 12:03	-----	0.6	0.7
583	05/11/2005 12:03	-----	0.7	0.9
584	05/11/2005 12:03	-----	0.6	0.9
585	05/11/2005 12:04	-----	0.6	0.8
586	05/11/2005 12:04	-----	0.6	0.7
587	05/11/2005 12:04	-----	0.6	0.9
588	05/11/2005 12:04	-----	0.7	0.8
589	05/11/2005 12:05	-----	0.6	0.8

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591	05/11/2005 12:05	-----	0.6	0.8
592	05/11/2005 12:05	-----	0.7	0.9
593	05/11/2005 12:06	-----	0.7	0.9
594	05/11/2005 12:06	-----	0.6	0.9
595	05/11/2005 12:06	-----	0.6	0.7
596	05/11/2005 12:06	-----	0.6	0.7
597	05/11/2005 12:07	-----	0.7	1.0
598	05/11/2005 12:07	-----	0.6	0.8
599	05/11/2005 12:07	-----	0.5	0.7
600	05/11/2005 12:07	-----	0.5	0.9
601	05/11/2005 12:08	-----	0.5	0.5
602	05/11/2005 12:08	-----	0.4	0.5
603	05/11/2005 12:08	-----	0.5	0.5
604	05/11/2005 12:08	-----	0.4	0.5
605	05/11/2005 12:09	-----	0.5	0.5
606	05/11/2005 12:09	-----	0.4	0.5
607	05/11/2005 12:09	-----	0.4	0.5
608	05/11/2005 12:09	-----	0.5	0.5
609	05/11/2005 12:10	-----	0.5	0.5
610	05/11/2005 12:10	-----	0.5	0.6
611	05/11/2005 12:10	-----	0.4	0.5
612	05/11/2005 12:10	-----	0.5	0.5
613	05/11/2005 12:11	-----	0.5	0.5
614	05/11/2005 12:11	-----	0.5	0.5
615	05/11/2005 12:11	-----	0.5	0.5
616	05/11/2005 12:11	-----	0.5	0.5
617	05/11/2005 12:12	-----	0.5	0.5
618	05/11/2005 12:12	-----	0.4	0.5
619	05/11/2005 12:12	-----	0.4	0.5
620	05/11/2005 12:12	-----	0.5	0.5
621	05/11/2005 12:13	-----	0.4	0.5
622	05/11/2005 12:13	-----	0.4	0.5
623	05/11/2005 12:13	-----	0.4	0.5
624	05/11/2005 12:13	-----	0.4	0.5
625	05/11/2005 12:14	-----	0.5	0.5
626	05/11/2005 12:14	-----	0.4	0.5
627	05/11/2005 12:14	-----	0.5	0.5
628	05/11/2005 12:14	-----	0.5	0.5
629	05/11/2005 12:15	-----	0.5	0.5
630	05/11/2005 12:15	-----	0.4	0.5
631	05/11/2005 12:15	-----	0.4	0.5
632	05/11/2005 12:15	-----	0.4	0.5
633	05/11/2005 12:16	-----	0.4	0.5
634	05/11/2005 12:16	-----	0.4	0.5
635	05/11/2005 12:16	-----	0.4	0.5
636	05/11/2005 12:16	-----	0.4	0.5
637	05/11/2005 12:17	-----	0.4	0.5
638	05/11/2005 12:17	-----	0.4	0.5
e: 1 639	05/11/2005 12:17	-----	0.4	0.5
640	05/11/2005 12:17	-----	0.4	0.5
641	05/11/2005 12:18	-----	0.4	0.5
642	05/11/2005 12:18	-----	0.4	0.5
643	05/11/2005 12:18	-----	0.4	0.5
644	05/11/2005 12:18	-----	0.5	0.5
645	05/11/2005 12:19	-----	0.5	0.5
646	05/11/2005 12:19	-----	0.4	0.5
647	05/11/2005 12:19	-----	0.4	0.5
648	05/11/2005 12:19	-----	0.5	0.5
649	05/11/2005 12:20	-----	0.5	0.5

650	05/11/2005 12:20	-----	0.4	0.5
651	05/11/2005 12:20	-----	0.4	0.5
652	05/11/2005 12:20	-----	0.4	0.5
653	05/11/2005 12:21	-----	0.4	0.5
654	05/11/2005 12:21	-----	0.4	0.5
655	05/11/2005 12:21	-----	0.4	0.5
656	05/11/2005 12:21	-----	0.5	0.5
657	05/11/2005 12:22	-----	0.5	0.5
658	05/11/2005 12:22	-----	0.4	0.5
659	05/11/2005 12:22	-----	0.4	0.5
660	05/11/2005 12:22	-----	0.5	0.5
661	05/11/2005 12:23	-----	0.4	0.5
662	05/11/2005 12:23	-----	0.4	0.5
663	05/11/2005 12:23	-----	0.4	0.5
664	05/11/2005 12:23	-----	0.5	0.5
665	05/11/2005 12:24	-----	0.4	0.5
666	05/11/2005 12:24	-----	0.4	0.5
667	05/11/2005 12:24	-----	0.4	0.5
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1033	05/11/2005 13:56	-----	0.5	0.6
1034	05/11/2005 13:56	-----	0.5	0.6
1035	05/11/2005 13:56	-----	0.6	0.6
1036	05/11/2005 13:56	-----	0.6	0.7
1037	05/11/2005 13:57	-----	0.5	0.6
1038	05/11/2005 13:57	-----	0.5	0.6
1039	05/11/2005 13:57	-----	0.5	0.6
1040	05/11/2005 13:57	-----	0.5	0.6
1041	05/11/2005 13:58	-----	0.5	0.6
1042	05/11/2005 13:58	-----	0.5	0.6
1043	05/11/2005 13:58	-----	0.5	0.6
1044	05/11/2005 13:58	-----	0.5	0.6
1045	05/11/2005 13:59	-----	0.5	0.6
1046	05/11/2005 13:59	-----	0.5	0.6
1047	05/11/2005 13:59	-----	0.5	0.6
1048	05/11/2005 13:59	-----	0.6	0.6
1049	05/11/2005 14:00	-----	0.5	0.6
1050	05/11/2005 14:00	-----	0.5	0.6
1051	05/11/2005 14:00	-----	0.5	0.6
1052	05/11/2005 14:00	-----	0.6	0.6
1053	05/11/2005 14:01	-----	0.6	0.6
1054	05/11/2005 14:01	-----	0.5	0.6
1055	05/11/2005 14:01	-----	0.5	0.6
1056	05/11/2005 14:01	-----	0.5	0.6
1057	05/11/2005 14:02	-----	0.5	0.6
1058	05/11/2005 14:02	-----	0.5	0.6
1059	05/11/2005 14:02	-----	0.5	0.6
1060	05/11/2005 14:02	-----	0.6	0.6
1061	05/11/2005 14:03	-----	0.5	0.6
1062	05/11/2005 14:03	-----	0.5	0.5
1063	05/11/2005 14:03	-----	0.5	0.6
1064	05/11/2005 14:03	-----	0.5	0.6
1065	05/11/2005 14:04	-----	0.5	0.6
1066	05/11/2005 14:04	-----	0.5	0.6
1067	05/11/2005 14:04	-----	0.5	0.8
1068	05/11/2005 14:04	-----	0.6	0.9
1069	05/11/2005 14:05	-----	0.6	0.6

1070	05/11/2005 14:05	-----	0.5	0.6
1071	05/11/2005 14:05	-----	0.5	0.6
1072	05/11/2005 14:05	-----	0.5	0.6
1073	05/11/2005 14:06	-----	0.5	0.6
1074	05/11/2005 14:06	-----	0.5	0.6
1075	05/11/2005 14:06	-----	0.5	0.6
1076	05/11/2005 14:06	-----	0.5	0.6
1077	05/11/2005 14:07	-----	0.5	0.6
1078	05/11/2005 14:07	-----	0.5	0.6
1079	05/11/2005 14:07	-----	0.6	0.7
1080	05/11/2005 14:07	-----	0.6	0.6
1081	05/11/2005 14:08	-----	0.5	0.6
1082	05/11/2005 14:08	-----	0.5	0.6
1083	05/11/2005 14:08	-----	0.5	0.6
1084	05/11/2005 14:08	-----	0.5	0.6
1085	05/11/2005 14:09	-----	0.5	0.6
1086	05/11/2005 14:09	-----	0.5	0.6
1087	05/11/2005 14:09	-----	0.5	0.6
1088	05/11/2005 14:09	-----	0.5	0.6
1089	05/11/2005 14:10	-----	0.5	0.6
1090	05/11/2005 14:10	-----	0.5	0.6
1091	05/11/2005 14:10	-----	0.5	0.6
1092	05/11/2005 14:10	-----	0.5	0.6
1093	05/11/2005 14:11	-----	0.5	0.6
1094	05/11/2005 14:11	-----	0.5	0.6
1095	05/11/2005 14:11	-----	0.5	0.6
1096	05/11/2005 14:11	-----	0.6	0.6
1097	05/11/2005 14:12	-----	0.5	0.6
1098	05/11/2005 14:12	-----	0.5	0.6
1099	05/11/2005 14:12	-----	0.5	0.6
1100	05/11/2005 14:12	-----	0.5	0.6
1101	05/11/2005 14:13	-----	0.5	0.6
1102	05/11/2005 14:13	-----	0.5	0.6
1103	05/11/2005 14:13	-----	0.5	0.6
1104	05/11/2005 14:13	-----	0.5	0.6
1105	05/11/2005 14:14	-----	0.5	0.6
1106	05/11/2005 14:14	-----	0.5	0.6
1107	05/11/2005 14:14	-----	0.5	0.6
1108	05/11/2005 14:14	-----	0.5	0.6
1109	05/11/2005 14:15	-----	0.5	0.6
1110	05/11/2005 14:15	-----	0.5	0.6
1111	05/11/2005 14:15	-----	0.6	0.7
1112	05/11/2005 14:15	-----	0.6	0.6
1113	05/11/2005 14:16	-----	0.6	0.7
1114	05/11/2005 14:16	-----	0.5	0.6
1115	05/11/2005 14:16	-----	0.5	0.6
1116	05/11/2005 14:16	-----	0.6	0.8
1117	05/11/2005 14:17	-----	0.7	0.8
1118	05/11/2005 14:17	-----	0.5	0.6
1119	05/11/2005 14:17	-----	0.5	0.6
1120	05/11/2005 14:17	-----	0.5	0.6
1121	05/11/2005 14:18	-----	0.6	0.7
1122	05/11/2005 14:18	-----	0.6	0.9
1123	05/11/2005 14:18	-----	0.6	0.7
1124	05/11/2005 14:18	-----	0.6	0.7
1125	05/11/2005 14:19	-----	0.7	0.9
1126	05/11/2005 14:19	-----	1.0	1.8
1127	05/11/2005 14:19	-----	0.9	1.5
1128	05/11/2005 14:19	-----	0.7	1.0
1129	05/11/2005 14:20	-----	0.6	0.6

1130	05/11/2005 14:20	-----	0.6	0.9
1131	05/11/2005 14:20	-----	0.7	0.8
1132	05/11/2005 14:20	-----	0.7	1.0
1133	05/11/2005 14:21	-----	0.7	1.0
1134	05/11/2005 14:21	-----	0.6	0.7
1135	05/11/2005 14:21	-----	0.6	0.8
1136	05/11/2005 14:21	-----	0.9	1.6
1137	05/11/2005 14:22	-----	1.5	2.8
1138	05/11/2005 14:22	-----	0.9	1.9
1139	05/11/2005 14:22	-----	0.7	0.9
1140	05/11/2005 14:22	-----	0.7	0.9
1141	05/11/2005 14:23	-----	0.9	1.9
1142	05/11/2005 14:23	-----	1.0	2.0
1143	05/11/2005 14:23	-----	1.3	1.6
1144	05/11/2005 14:23	-----	0.6	0.9
1145	05/11/2005 14:24	-----	0.6	0.8
1146	05/11/2005 14:24	-----	1.0	3.1
1147	05/11/2005 14:24	-----	1.0	3.0
1148	05/11/2005 14:24	-----	0.9	1.1
1149	05/11/2005 14:25	-----	0.8	1.0
1150	05/11/2005 14:25	-----	0.8	1.1
1151	05/11/2005 14:25	-----	0.7	1.1
1152	05/11/2005 14:25	-----	0.9	1.4
1153	05/11/2005 14:26	-----	0.7	1.2
1154	05/11/2005 14:26	-----	1.2	1.9
1155	05/11/2005 14:26	-----	0.6	0.8
1156	05/11/2005 14:26	-----	0.8	1.5
1157	05/11/2005 14:27	-----	1.0	1.9
1158	05/11/2005 14:27	-----	1.1	1.7
1159	05/11/2005 14:27	-----	0.7	0.9
1160	05/11/2005 14:27	-----	0.7	1.2
1161	05/11/2005 14:28	-----	0.8	1.2
1162	05/11/2005 14:28	-----	0.5	0.7
1163	05/11/2005 14:28	-----	0.5	0.7
1164	05/11/2005 14:28	-----	0.6	0.8
1165	05/11/2005 14:29	-----	0.8	1.0
1166	05/11/2005 14:29	-----	0.6	1.0
1167	05/11/2005 14:29	-----	0.7	1.0
1168	05/11/2005 14:29	-----	0.6	1.0
1169	05/11/2005 14:30	-----	0.7	1.0
1170	05/11/2005 14:30	-----	0.6	0.8
1171	05/11/2005 14:30	-----	0.7	0.8
1172	05/11/2005 14:30	-----	0.7	0.9
1173	05/11/2005 14:31	-----	0.6	0.7
1174	05/11/2005 14:31	-----	0.6	0.7
1175	05/11/2005 14:31	-----	0.6	1.0
1176	05/11/2005 14:31	-----	0.7	0.9
1177	05/11/2005 14:32	-----	0.6	0.8
1178	05/11/2005 14:32	-----	0.7	1.1
1179	05/11/2005 14:32	-----	0.6	0.8
1180	05/11/2005 14:32	-----	0.8	1.2
1181	05/11/2005 14:33	-----	0.9	1.6
1182	05/11/2005 14:33	-----	0.9	1.3
1183	05/11/2005 14:33	-----	0.6	0.7
1184	05/11/2005 14:33	-----	0.6	0.7
1185	05/11/2005 14:34	-----	0.6	0.7
1186	05/11/2005 14:34	-----	0.6	0.9
1187	05/11/2005 14:34	-----	0.6	1.0
1188	05/11/2005 14:34	-----	0.6	0.7
1189	05/11/2005 14:35	-----	0.7	1.1

1190	05/11/2005 14:35	-----	0.6	0.8
1191	05/11/2005 14:35	-----	0.7	0.8
1192	05/11/2005 14:35	-----	0.6	0.8
1193	05/11/2005 14:36	-----	0.6	0.7
1194	05/11/2005 14:36	-----	0.6	0.8
1195	05/11/2005 14:36	-----	0.7	1.0
1196	05/11/2005 14:36	-----	0.6	0.7
1197	05/11/2005 14:37	-----	0.5	0.7
1198	05/11/2005 14:37	-----	0.5	0.7
1199	05/11/2005 14:37	-----	0.6	0.7
1200	05/11/2005 14:37	-----	0.7	1.3
1201	05/11/2005 14:38	-----	0.9	1.3
1202	05/11/2005 14:38	-----	0.8	1.2
1203	05/11/2005 14:38	-----	0.6	0.7
1204	05/11/2005 14:38	-----	0.8	1.1
1205	05/11/2005 14:39	-----	0.7	1.5
1206	05/11/2005 14:39	-----	0.6	0.7
1207	05/11/2005 14:39	-----	0.6	0.8
1208	05/11/2005 14:39	-----	0.5	0.6
1209	05/11/2005 14:40	-----	0.5	0.6
1210	05/11/2005 14:40	-----	0.6	0.9
1211	05/11/2005 14:40	-----	0.6	0.9
1212	05/11/2005 14:40	-----	0.5	0.6
1213	05/11/2005 14:41	-----	0.5	0.7
1214	05/11/2005 14:41	-----	0.5	0.6
1215	05/11/2005 14:41	-----	0.5	0.6
1216	05/11/2005 14:41	-----	0.5	0.6
1217	05/11/2005 14:42	-----	0.5	0.6
1218	05/11/2005 14:42	-----	0.6	0.7
1219	05/11/2005 14:42	-----	0.6	0.7
1220	05/11/2005 14:42	-----	0.7	1.0
1221	05/11/2005 14:43	-----	0.7	1.0
1222	05/11/2005 14:43	-----	1.0	1.6
1223	05/11/2005 14:43	-----	1.0	1.7
1224	05/11/2005 14:43	-----	1.2	2.0
1225	05/11/2005 14:44	-----	1.2	1.5
1226	05/11/2005 14:44	-----	0.6	0.8
1227	05/11/2005 14:44	-----	0.6	0.6
1228	05/11/2005 14:44	-----	0.5	0.7
1229	05/11/2005 14:45	-----	0.6	1.1
1230	05/11/2005 14:45	-----	1.2	2.1
1231	05/11/2005 14:45	-----	1.1	1.7
1232	05/11/2005 14:45	-----	0.6	0.7
1233	05/11/2005 14:46	-----	0.6	0.8
1234	05/11/2005 14:46	-----	0.6	0.6
1235	05/11/2005 14:46	-----	0.5	0.6
1236	05/11/2005 14:46	-----	0.6	0.7
1237	05/11/2005 14:47	-----	0.8	1.3
1238	05/11/2005 14:47	-----	0.7	1.0
1239	05/11/2005 14:47	-----	0.8	1.0
1240	05/11/2005 14:47	-----	0.7	0.8
1241	05/11/2005 14:48	-----	0.6	0.8
1242	05/11/2005 14:48	-----	0.5	0.6
1243	05/11/2005 14:48	-----	0.6	0.7
1244	05/11/2005 14:48	-----	0.5	0.6
1245	05/11/2005 14:49	-----	0.7	0.9
1246	05/11/2005 14:49	-----	0.6	0.9
1247	05/11/2005 14:49	-----	0.6	0.9
1248	05/11/2005 14:49	-----	1.1	1.8
1249	05/11/2005 14:50	-----	0.8	1.1

1250	05/11/2005 14:50	-----	1.0	2.4
1251	05/11/2005 14:50	-----	1.0	1.7
1252	05/11/2005 14:50	-----	0.9	1.6
1253	05/11/2005 14:51	-----	1.0	2.2
1254	05/11/2005 14:51	-----	1.2	2.6
1255	05/11/2005 14:51	-----	0.7	0.9
1256	05/11/2005 14:51	-----	0.6	0.9
1257	05/11/2005 14:52	-----	0.5	0.7
1258	05/11/2005 14:52	-----	0.6	0.7
1259	05/11/2005 14:52	-----	0.6	0.8
1260	05/11/2005 14:52	-----	0.6	0.9
1261	05/11/2005 14:53	-----	0.6	0.8
1262	05/11/2005 14:53	-----	0.5	0.6
1263	05/11/2005 14:53	-----	0.7	1.0
1264	05/11/2005 14:53	-----	0.5	0.7
1265	05/11/2005 14:54	-----	0.5	0.7
1266	05/11/2005 14:54	-----	0.7	1.3
1267	05/11/2005 14:54	-----	0.8	1.2
1268	05/11/2005 14:54	-----	0.7	0.9
1269	05/11/2005 14:55	-----	0.6	0.9
1270	05/11/2005 14:55	-----	0.7	0.9
1271	05/11/2005 14:55	-----	0.7	1.1
1272	05/11/2005 14:55	-----	0.5	0.6
1273	05/11/2005 14:56	-----	0.5	0.6
1274	05/11/2005 14:56	-----	0.5	0.6
1275	05/11/2005 14:56	-----	0.8	1.4
1276	05/11/2005 14:56	-----	0.8	0.9
1277	05/11/2005 14:57	-----	0.6	0.7
1278	05/11/2005 14:57	-----	0.7	0.8
1279	05/11/2005 14:57	-----	0.7	1.0
1280	05/11/2005 14:57	-----	0.9	1.1
1281	05/11/2005 14:58	-----	0.8	1.4
1282	05/11/2005 14:58	-----	1.0	1.5
1283	05/11/2005 14:58	-----	0.6	0.7
1284	05/11/2005 14:58	-----	0.6	0.6
1285	05/11/2005 14:59	-----	0.5	0.6
1286	05/11/2005 14:59	-----	0.5	0.7
1287	05/11/2005 14:59	-----	0.5	0.6
1288	05/11/2005 14:59	-----	0.5	0.6
1289	05/11/2005 15:00	-----	0.6	0.9
1290	05/11/2005 15:00	-----	0.5	0.6
1291	05/11/2005 15:00	-----	0.6	0.7
1292	05/11/2005 15:00	-----	0.6	0.7
1293	05/11/2005 15:01	-----	0.5	0.6
1294	05/11/2005 15:01	-----	0.5	0.5
1295	05/11/2005 15:01	-----	0.5	0.6
1296	05/11/2005 15:01	-----	0.6	0.7
1297	05/11/2005 15:02	-----	0.5	0.6
1298	05/11/2005 15:02	-----	0.5	0.6
1299	05/11/2005 15:02	-----	0.6	0.7
1300	05/11/2005 15:02	-----	0.6	0.7
1301	05/11/2005 15:03	-----	0.6	0.8
1302	05/11/2005 15:03	-----	0.8	3.0
1303	05/11/2005 15:03	-----	1.1	2.9
1304	05/11/2005 15:03	-----	0.6	0.6
1305	05/11/2005 15:04	-----	0.5	0.6
1306	05/11/2005 15:04	-----	0.5	0.5
1307	05/11/2005 15:04	-----	0.5	0.7
1308	05/11/2005 15:04	-----	0.6	0.9
1309	05/11/2005 15:05	-----	0.6	1.0

1310	05/11/2005 15:05	-----	0.5	0.6
1311	05/11/2005 15:05	-----	0.6	0.9
1312	05/11/2005 15:05	-----	0.6	0.6
1313	05/11/2005 15:06	-----	0.6	0.7
1314	05/11/2005 15:06	-----	0.5	0.7
1315	05/11/2005 15:06	-----	0.5	0.7
1316	05/11/2005 15:06	-----	0.5	0.6
1317	05/11/2005 15:07	-----	0.5	0.6
1318	05/11/2005 15:07	-----	0.5	0.6
1319	05/11/2005 15:07	-----	0.5	0.6
1320	05/11/2005 15:07	-----	0.5	0.6
1321	05/11/2005 15:08	-----	0.5	0.5
1322	05/11/2005 15:08	-----	0.5	0.6
1323	05/11/2005 15:08	-----	0.5	0.6
1324	05/11/2005 15:08	-----	0.5	0.7
1325	05/11/2005 15:09	-----	0.5	0.6
1326	05/11/2005 15:09	-----	0.5	0.7
1327	05/11/2005 15:09	-----	0.5	0.6
1328	05/11/2005 15:09	-----	0.5	0.6
1329	05/11/2005 15:10	-----	0.5	0.8
1330	05/11/2005 15:10	-----	0.5	0.6
1331	05/11/2005 15:10	-----	0.5	0.6
1332	05/11/2005 15:10	-----	0.5	0.6
1333	05/11/2005 15:11	-----	0.5	0.6
1334	05/11/2005 15:11	-----	0.5	0.6
1335	05/11/2005 15:11	-----	0.5	0.6
1336	05/11/2005 15:11	-----	0.5	0.6
1337	05/11/2005 15:12	-----	0.5	0.6
1338	05/11/2005 15:12	-----	0.5	0.5
1339	05/11/2005 15:12	-----	0.5	0.7
1340	05/11/2005 15:12	-----	0.6	0.7
1341	05/11/2005 15:13	-----	0.5	0.7
1342	05/11/2005 15:13	-----	0.5	0.5
1343	05/11/2005 15:13	-----	0.5	0.5
1344	05/11/2005 15:13	-----	0.5	0.6
1345	05/11/2005 15:14	-----	0.5	0.6
1346	05/11/2005 15:14	-----	0.5	0.6
1347	05/11/2005 15:14	-----	0.5	0.5
1348	05/11/2005 15:14	-----	0.5	0.5
1349	05/11/2005 15:15	-----	0.5	0.6
1350	05/11/2005 15:15	-----	0.5	0.6
1351	05/11/2005 15:15	-----	0.5	0.6
1352	05/11/2005 15:15	-----	0.5	0.5
1353	05/11/2005 15:16	-----	0.5	0.6
1354	05/11/2005 15:16	-----	0.5	0.5
1355	05/11/2005 15:16	-----	0.5	0.5
1356	05/11/2005 15:16	-----	0.5	0.6
1357	05/11/2005 15:17	-----	0.5	0.6
1358	05/11/2005 15:17	-----	0.5	0.5
1359	05/11/2005 15:17	-----	0.5	0.5
1360	05/11/2005 15:17	-----	0.5	0.5
1361	05/11/2005 15:18	-----	0.5	0.6
1362	05/11/2005 15:18	-----	0.5	0.5
1363	05/11/2005 15:18	-----	0.5	0.6
1364	05/11/2005 15:18	-----	0.5	0.6
1365	05/11/2005 15:19	-----	0.5	0.5
1366	05/11/2005 15:19	-----	0.5	0.6
1367	05/11/2005 15:19	-----	0.5	0.5
1368	05/11/2005 15:19	-----	0.5	0.5
1369	05/11/2005 15:20	-----	0.5	0.6

1370	05/11/2005 15:20	-----	0.5	0.6
1371	05/11/2005 15:20	-----	0.5	0.6
1372	05/11/2005 15:20	-----	0.5	0.5
1373	05/11/2005 15:21	-----	0.5	0.5
1374	05/11/2005 15:21	-----	0.5	0.6
1375	05/11/2005 15:21	-----	0.5	0.6
1376	05/11/2005 15:21	-----	0.5	0.6
1377	05/11/2005 15:22	-----	0.5	0.5
1378	05/11/2005 15:22	-----	0.5	0.6
1379	05/11/2005 15:22	-----	0.5	0.6
1380	05/11/2005 15:22	-----	0.5	0.6
1381	05/11/2005 15:23	-----	0.5	0.6
1382	05/11/2005 15:23	-----	0.5	0.5
1383	05/11/2005 15:23	-----	0.5	0.6
1384	05/11/2005 15:23	-----	0.5	0.6
1385	05/11/2005 15:24	-----	0.5	0.6
1386	05/11/2005 15:24	-----	0.5	0.5
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1389	05/11/2005 15:25	-----	0.5	0.6
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1392	05/11/2005 15:25	-----	0.5	0.6
1393	05/11/2005 15:26	-----	0.5	0.6
1394	05/11/2005 15:26	-----	0.5	0.6
1395	05/11/2005 15:26	-----	0.5	0.6
1396	05/11/2005 15:26	-----	0.5	0.6
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1398	05/11/2005 15:27	-----	0.5	0.6
1399	05/11/2005 15:27	-----	0.5	0.6
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1408	05/11/2005 15:29	-----	0.5	0.6
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1661	05/11/2005 16:33	-----	0.6	0.6
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1676	05/11/2005 16:36	-----	0.6	0.6
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1684	05/11/2005 16:38	-----	1.4	2.7
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1687	05/11/2005 16:39	-----	0.7	0.9
1688	05/11/2005 16:39	-----	0.6	0.7
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1700	05/11/2005 16:42	-----	0.6	0.6
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1713	05/11/2005 16:46	-----	0.5	0.6
1714	05/11/2005 16:46	-----	0.5	0.6
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1716	05/11/2005 16:46	-----	0.6	0.7
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1721	05/11/2005 16:48	-----	0.6	0.6
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1723	05/11/2005 16:48	-----	0.6	0.8
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1739	05/11/2005 16:52	-----	0.6	0.6
1740	05/11/2005 16:52	-----	0.6	0.7
1741	05/11/2005 16:53	-----	0.6	0.6
1742	05/11/2005 16:53	-----	0.6	0.7
1743	05/11/2005 16:53	-----	0.6	0.6
1744	05/11/2005 16:53	-----	0.6	0.6
1745	05/11/2005 16:54	-----	0.6	0.6

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005449
User ID: 0000001 Site ID: 00000219
Data Points: 1633 Gas Name: Isobutylene Sample Period: 15 sec
Last Calibration Time: 05/12/2005 07:48

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	05/12/2005	07:49	-----	0.0	0.1
2	05/12/2005	07:49	-----	0.0	0.1
3	05/12/2005	07:49	-----	0.0	0.1
4	05/12/2005	07:49	-----	71.6L	101.6H
5	05/12/2005	07:50	-----	0.2	0.7
6	05/12/2005	07:50	-----	0.1	0.1
7	05/12/2005	07:50	-----	0.0	0.1
8	05/12/2005	07:50	-----	0.0	0.1
9	05/12/2005	07:51	-----	0.0	0.1
10	05/12/2005	07:51	-----	0.0	0.1
11	05/12/2005	07:51	-----	0.0	0.1
12	05/12/2005	07:51	-----	0.0	0.1
13	05/12/2005	07:52	-----	0.0	0.1
14	05/12/2005	07:52	-----	0.0	0.1
15	05/12/2005	07:52	-----	0.0	0.1
16	05/12/2005	07:52	-----	0.0	0.1
17	05/12/2005	07:53	-----	0.0	0.1
18	05/12/2005	07:53	-----	0.0	0.1
19	05/12/2005	07:53	-----	0.0	0.1
20	05/12/2005	07:53	-----	0.0	0.1
21	05/12/2005	07:54	-----	0.0	0.1
22	05/12/2005	07:54	-----	0.0	0.1
23	05/12/2005	07:54	-----	0.0	0.1
24	05/12/2005	07:54	-----	0.1	0.1
25	05/12/2005	07:55	-----	0.0	0.1
26	05/12/2005	07:55	-----	0.1	0.2
27	05/12/2005	07:55	-----	0.1	0.1
28	05/12/2005	07:55	-----	0.1	0.1
29	05/12/2005	07:56	-----	0.1	0.1
30	05/12/2005	07:56	-----	0.1	0.1
31	05/12/2005	07:56	-----	0.1	0.2
32	05/12/2005	07:56	-----	0.1	0.1
33	05/12/2005	07:57	-----	0.1	0.2
34	05/12/2005	07:57	-----	0.1	0.2
35	05/12/2005	07:57	-----	0.1	0.2
36	05/12/2005	07:57	-----	0.1	0.2
37	05/12/2005	07:58	-----	0.1	0.2
38	05/12/2005	07:58	-----	0.1	0.2
39	05/12/2005	07:58	-----	0.1	0.2
40	05/12/2005	07:58	-----	0.1	0.2
41	05/12/2005	07:59	-----	0.1	0.2
42	05/12/2005	07:59	-----	0.1	0.2
43	05/12/2005	07:59	-----	0.1	0.2
44	05/12/2005	07:59	-----	0.1	0.2
45	05/12/2005	08:00	-----	0.1	0.2
46	05/12/2005	08:00	-----	0.1	0.2
47	05/12/2005	08:00	-----	0.1	0.2
48	05/12/2005	08:00	-----	0.1	0.2
49	05/12/2005	08:01	-----	0.1	0.2

50	05/12/2005 08:01	-----	0.2	0.2
51	05/12/2005 08:01	-----	0.1	0.2
52	05/12/2005 08:01	-----	0.2	0.2
53	05/12/2005 08:02	-----	0.1	0.2
54	05/12/2005 08:02	-----	0.1	0.2
55	05/12/2005 08:02	-----	0.2	0.2
56	05/12/2005 08:02	-----	0.2	0.2
57	05/12/2005 08:03	-----	0.2	0.2
58	05/12/2005 08:03	-----	0.2	0.2
59	05/12/2005 08:03	-----	0.2	0.2
60	05/12/2005 08:03	-----	0.2	0.2
61	05/12/2005 08:04	-----	0.2	0.3
62	05/12/2005 08:04	-----	0.2	0.3
63	05/12/2005 08:04	-----	0.2	0.3
64	05/12/2005 08:04	-----	0.2	0.3
65	05/12/2005 08:05	-----	0.2	0.4
66	05/12/2005 08:05	-----	0.2	0.3
67	05/12/2005 08:05	-----	0.2	0.3
68	05/12/2005 08:05	-----	0.2	0.3
69	05/12/2005 08:06	-----	0.2	0.3
70	05/12/2005 08:06	-----	0.2	0.3
71	05/12/2005 08:06	-----	0.3	0.4
72	05/12/2005 08:06	-----	0.3	0.4
73	05/12/2005 08:07	-----	0.3	0.4
74	05/12/2005 08:07	-----	0.3	0.4
75	05/12/2005 08:07	-----	0.3	0.4
76	05/12/2005 08:07	-----	0.3	0.4
77	05/12/2005 08:08	-----	0.3	0.4
78	05/12/2005 08:08	-----	0.3	0.4
79	05/12/2005 08:08	-----	0.3	0.4
80	05/12/2005 08:08	-----	0.3	0.4
81	05/12/2005 08:09	-----	0.3	0.4
82	05/12/2005 08:09	-----	0.4	0.4
83	05/12/2005 08:09	-----	0.4	0.4
84	05/12/2005 08:09	-----	0.4	0.4
85	05/12/2005 08:10	-----	0.3	0.4
86	05/12/2005 08:10	-----	0.3	0.4
87	05/12/2005 08:10	-----	0.3	0.4
88	05/12/2005 08:10	-----	0.3	0.4
89	05/12/2005 08:11	-----	0.3	0.4
90	05/12/2005 08:11	-----	0.4	0.4
91	05/12/2005 08:11	-----	0.4	0.4
92	05/12/2005 08:11	-----	0.4	0.4
93	05/12/2005 08:12	-----	0.4	0.4
94	05/12/2005 08:12	-----	0.4	0.4
95	05/12/2005 08:12	-----	0.4	0.4
96	05/12/2005 08:12	-----	0.4	0.4
97	05/12/2005 08:13	-----	0.3	0.4
98	05/12/2005 08:13	-----	0.4	0.4
99	05/12/2005 08:13	-----	0.3	0.4
100	05/12/2005 08:13	-----	0.4	0.4
101	05/12/2005 08:14	-----	0.3	0.4
102	05/12/2005 08:14	-----	0.4	0.4
103	05/12/2005 08:14	-----	0.3	0.5
104	05/12/2005 08:14	-----	0.4	0.5
105	05/12/2005 08:15	-----	0.4	0.4
106	05/12/2005 08:15	-----	0.4	0.5
107	05/12/2005 08:15	-----	0.4	0.4
108	05/12/2005 08:15	-----	0.4	0.5
109	05/12/2005 08:16	-----	0.4	0.4

110	05/12/2005 08:16	-----	0.4	0.4
111	05/12/2005 08:16	-----	0.4	0.4
112	05/12/2005 08:16	-----	0.4	0.4
113	05/12/2005 08:17	-----	0.4	0.4
114	05/12/2005 08:17	-----	0.4	0.5
115	05/12/2005 08:17	-----	0.4	0.5
116	05/12/2005 08:17	-----	0.4	0.5
117	05/12/2005 08:18	-----	0.4	0.5
118	05/12/2005 08:18	-----	0.4	0.6
119	05/12/2005 08:18	-----	0.4	0.5
120	05/12/2005 08:18	-----	0.4	0.4
121	05/12/2005 08:19	-----	0.4	0.4
122	05/12/2005 08:19	-----	0.4	0.4
123	05/12/2005 08:19	-----	0.4	0.5
124	05/12/2005 08:19	-----	0.4	0.5
125	05/12/2005 08:20	-----	0.4	0.5
126	05/12/2005 08:20	-----	0.4	0.4
127	05/12/2005 08:20	-----	0.4	0.5
128	05/12/2005 08:20	-----	0.4	0.5
129	05/12/2005 08:21	-----	0.4	0.5
130	05/12/2005 08:21	-----	0.4	0.5
131	05/12/2005 08:21	-----	0.4	0.5
132	05/12/2005 08:21	-----	0.4	0.5
133	05/12/2005 08:22	-----	0.4	0.5
134	05/12/2005 08:22	-----	0.4	0.5
135	05/12/2005 08:22	-----	0.4	0.5
136	05/12/2005 08:22	-----	0.4	0.5
137	05/12/2005 08:23	-----	0.4	0.5
138	05/12/2005 08:23	-----	0.4	0.5
139	05/12/2005 08:23	-----	0.5	1.3
140	05/12/2005 08:23	-----	0.5	0.5
141	05/12/2005 08:24	-----	0.5	0.5
142	05/12/2005 08:24	-----	0.4	0.5
143	05/12/2005 08:24	-----	0.5	0.8
144	05/12/2005 08:24	-----	0.5	0.5
145	05/12/2005 08:25	-----	0.5	0.5
146	05/12/2005 08:25	-----	0.5	0.6
147	05/12/2005 08:25	-----	0.5	0.5
148	05/12/2005 08:25	-----	0.5	0.5
149	05/12/2005 08:26	-----	0.4	0.5
150	05/12/2005 08:26	-----	0.5	1.6
151	05/12/2005 08:26	-----	0.6	1.4
152	05/12/2005 08:26	-----	0.5	0.5
153	05/12/2005 08:27	-----	0.7	1.6
154	05/12/2005 08:27	-----	0.5	1.3
155	05/12/2005 08:27	-----	0.5	1.5
156	05/12/2005 08:27	-----	0.5	0.5
157	05/12/2005 08:28	-----	0.5	0.6
158	05/12/2005 08:28	-----	0.5	0.9
e: 3 159	05/12/2005 08:28	-----	0.5	0.8
160	05/12/2005 08:28	-----	0.5	0.6
161	05/12/2005 08:29	-----	0.4	0.5
162	05/12/2005 08:29	-----	0.5	1.1
163	05/12/2005 08:29	-----	0.5	0.7
164	05/12/2005 08:29	-----	0.7	1.2
165	05/12/2005 08:30	-----	0.5	1.3
166	05/12/2005 08:30	-----	0.5	0.7
167	05/12/2005 08:30	-----	0.5	0.9
168	05/12/2005 08:30	-----	0.5	0.5
169	05/12/2005 08:31	-----	0.5	0.6

170	05/12/2005 08:31	-----	0.5	0.5
171	05/12/2005 08:31	-----	0.8	3.7
172	05/12/2005 08:31	-----	0.4	0.5
173	05/12/2005 08:32	-----	0.5	0.8
174	05/12/2005 08:32	-----	0.4	0.5
175	05/12/2005 08:32	-----	0.7	2.9
176	05/12/2005 08:32	-----	0.6	1.2
177	05/12/2005 08:33	-----	0.5	0.5
178	05/12/2005 08:33	-----	0.5	1.0
179	05/12/2005 08:33	-----	0.5	0.5
180	05/12/2005 08:33	-----	0.5	0.9
181	05/12/2005 08:34	-----	0.5	0.5
182	05/12/2005 08:34	-----	0.5	0.5
183	05/12/2005 08:34	-----	0.5	0.5
184	05/12/2005 08:34	-----	0.5	0.5
185	05/12/2005 08:35	-----	0.5	0.5
186	05/12/2005 08:35	-----	0.5	0.7
187	05/12/2005 08:35	-----	0.5	1.0
188	05/12/2005 08:35	-----	0.5	0.7
189	05/12/2005 08:36	-----	0.7	1.9
190	05/12/2005 08:36	-----	0.6	1.0
191	05/12/2005 08:36	-----	0.6	1.0
192	05/12/2005 08:36	-----	0.5	1.1
193	05/12/2005 08:37	-----	0.5	0.5
194	05/12/2005 08:37	-----	0.5	0.5
195	05/12/2005 08:37	-----	0.5	0.5
196	05/12/2005 08:37	-----	0.5	0.5
197	05/12/2005 08:38	-----	0.5	0.5
198	05/12/2005 08:38	-----	0.5	0.5
199	05/12/2005 08:38	-----	0.5	0.5
200	05/12/2005 08:38	-----	0.5	0.5
201	05/12/2005 08:39	-----	0.5	0.5
202	05/12/2005 08:39	-----	0.4	0.5
203	05/12/2005 08:39	-----	0.5	0.5
204	05/12/2005 08:39	-----	0.5	0.5
205	05/12/2005 08:40	-----	0.5	0.5
206	05/12/2005 08:40	-----	0.5	0.5
207	05/12/2005 08:40	-----	0.5	0.5
208	05/12/2005 08:40	-----	0.5	0.5
209	05/12/2005 08:41	-----	0.5	0.5
210	05/12/2005 08:41	-----	0.5	0.5
211	05/12/2005 08:41	-----	0.5	0.5
212	05/12/2005 08:41	-----	0.5	0.6
213	05/12/2005 08:42	-----	0.5	0.5
214	05/12/2005 08:42	-----	0.5	0.6
215	05/12/2005 08:42	-----	0.5	0.6
216	05/12/2005 08:42	-----	0.5	0.5
217	05/12/2005 08:43	-----	0.5	0.6
218	05/12/2005 08:43	-----	0.5	0.5
219	05/12/2005 08:43	-----	0.5	0.6
220	05/12/2005 08:43	-----	0.5	0.6
221	05/12/2005 08:44	-----	0.5	0.6
222	05/12/2005 08:44	-----	0.5	0.5
223	05/12/2005 08:44	-----	0.5	0.5
224	05/12/2005 08:44	-----	0.5	0.5
225	05/12/2005 08:45	-----	0.5	0.6
226	05/12/2005 08:45	-----	0.5	0.6
227	05/12/2005 08:45	-----	0.5	0.6
228	05/12/2005 08:45	-----	0.5	0.6
229	05/12/2005 08:46	-----	0.5	0.6

230	05/12/2005 08:46	-----	0.5	0.5
231	05/12/2005 08:46	-----	0.5	0.6
232	05/12/2005 08:46	-----	0.5	0.6
233	05/12/2005 08:47	-----	0.5	0.6
234	05/12/2005 08:47	-----	0.5	0.6
235	05/12/2005 08:47	-----	0.5	0.6
236	05/12/2005 08:47	-----	0.5	0.6
237	05/12/2005 08:48	-----	0.5	0.6
238	05/12/2005 08:48	-----	0.5	0.6
239	05/12/2005 08:48	-----	0.5	0.6
240	05/12/2005 08:48	-----	0.5	0.6
241	05/12/2005 08:49	-----	0.5	0.6
242	05/12/2005 08:49	-----	0.5	0.6
243	05/12/2005 08:49	-----	0.5	0.6
244	05/12/2005 08:49	-----	0.5	0.6
245	05/12/2005 08:50	-----	0.5	0.6
246	05/12/2005 08:50	-----	0.5	0.6
247	05/12/2005 08:50	-----	0.5	0.6
248	05/12/2005 08:50	-----	0.5	0.6
249	05/12/2005 08:51	-----	0.5	0.6
250	05/12/2005 08:51	-----	0.5	0.6
251	05/12/2005 08:51	-----	0.5	0.6
252	05/12/2005 08:51	-----	0.6	0.6
253	05/12/2005 08:52	-----	0.5	0.6
254	05/12/2005 08:52	-----	0.5	0.6
255	05/12/2005 08:52	-----	0.6	0.7
256	05/12/2005 08:52	-----	0.5	0.6
257	05/12/2005 08:53	-----	0.6	0.6
258	05/12/2005 08:53	-----	0.5	0.6
259	05/12/2005 08:53	-----	0.6	0.6
260	05/12/2005 08:53	-----	0.5	0.8
261	05/12/2005 08:54	-----	0.5	0.6
262	05/12/2005 08:54	-----	0.5	0.6
263	05/12/2005 08:54	-----	0.5	0.6
264	05/12/2005 08:54	-----	0.5	0.7
265	05/12/2005 08:55	-----	0.5	0.6
266	05/12/2005 08:55	-----	0.5	0.6
267	05/12/2005 08:55	-----	0.5	0.6
268	05/12/2005 08:55	-----	0.5	0.6
269	05/12/2005 08:56	-----	0.5	0.6
270	05/12/2005 08:56	-----	0.5	0.6
271	05/12/2005 08:56	-----	0.5	0.6
272	05/12/2005 08:56	-----	0.5	0.6
273	05/12/2005 08:57	-----	0.5	0.7
274	05/12/2005 08:57	-----	0.5	0.6
275	05/12/2005 08:57	-----	0.5	0.6
276	05/12/2005 08:57	-----	0.4	0.6
277	05/12/2005 08:58	-----	0.4	0.6
278	05/12/2005 08:58	-----	0.4	0.5
279	05/12/2005 08:58	-----	0.4	0.5
280	05/12/2005 08:58	-----	0.4	0.5
281	05/12/2005 08:59	-----	0.3	0.5
282	05/12/2005 08:59	-----	0.4	0.5
283	05/12/2005 08:59	-----	0.4	0.4
284	05/12/2005 08:59	-----	0.4	0.4
285	05/12/2005 09:00	-----	0.7	1.5
286	05/12/2005 09:00	-----	0.8	3.0
287	05/12/2005 09:00	-----	0.4	0.6
288	05/12/2005 09:00	-----	0.4	0.7
289	05/12/2005 09:01	-----	0.4	0.5

290	05/12/2005 09:01	-----	0.5	1.5
291	05/12/2005 09:01	-----	0.5	0.9
292	05/12/2005 09:01	-----	0.4	0.5
293	05/12/2005 09:02	-----	0.9	2.2
294	05/12/2005 09:02	-----	0.6	1.2
295	05/12/2005 09:02	-----	0.4	0.5
296	05/12/2005 09:02	-----	1.1	2.8
297	05/12/2005 09:03	-----	0.7	2.5
298	05/12/2005 09:03	-----	0.5	1.0
299	05/12/2005 09:03	-----	0.4	0.5
300	05/12/2005 09:03	-----	0.4	0.5
301	05/12/2005 09:04	-----	0.4	0.5
302	05/12/2005 09:04	-----	0.7	1.2
303	05/12/2005 09:04	-----	0.7	1.4
304	05/12/2005 09:04	-----	0.7	1.2
305	05/12/2005 09:05	-----	0.7	3.7
306	05/12/2005 09:05	-----	0.8	1.5
307	05/12/2005 09:05	-----	1.6	3.0
308	05/12/2005 09:05	-----	1.2	2.6
309	05/12/2005 09:06	-----	0.8	2.1
310	05/12/2005 09:06	-----	0.8	1.5
311	05/12/2005 09:06	-----	1.1	3.6
312	05/12/2005 09:06	-----	0.4	0.6
313	05/12/2005 09:07	-----	0.4	0.5
314	05/12/2005 09:07	-----	0.5	0.9
315	05/12/2005 09:07	-----	0.5	1.4
316	05/12/2005 09:07	-----	0.5	0.7
317	05/12/2005 09:08	-----	0.4	0.5
318	05/12/2005 09:08	-----	0.4	0.8
319	05/12/2005 09:08	-----	0.6	0.8
320	05/12/2005 09:08	-----	1.0	1.5
321	05/12/2005 09:09	-----	0.9	2.1
322	05/12/2005 09:09	-----	1.6	2.7
323	05/12/2005 09:09	-----	2.1	4.9
324	05/12/2005 09:09	-----	1.5	2.8
325	05/12/2005 09:10	-----	2.2	4.1
326	05/12/2005 09:10	-----	1.7	3.5
327	05/12/2005 09:10	-----	1.6	4.5
328	05/12/2005 09:10	-----	2.4	7.7
329	05/12/2005 09:11	-----	0.6	1.2
330	05/12/2005 09:11	-----	1.0	4.2
331	05/12/2005 09:11	-----	1.7	4.1
332	05/12/2005 09:11	-----	1.3	4.3
333	05/12/2005 09:12	-----	0.9	1.4
334	05/12/2005 09:12	-----	0.9	2.7
335	05/12/2005 09:12	-----	1.1	2.3
336	05/12/2005 09:12	-----	1.7	3.1
337	05/12/2005 09:13	-----	1.2	2.6
338	05/12/2005 09:13	-----	0.9	2.1
339	05/12/2005 09:13	-----	0.7	1.8
340	05/12/2005 09:13	-----	1.2	3.8
341	05/12/2005 09:14	-----	0.7	1.0
342	05/12/2005 09:14	-----	1.5	3.0
343	05/12/2005 09:14	-----	1.2	2.3
344	05/12/2005 09:14	-----	1.4	4.5
345	05/12/2005 09:15	-----	0.9	2.6
346	05/12/2005 09:15	-----	1.3	3.5
347	05/12/2005 09:15	-----	1.2	2.2
348	05/12/2005 09:15	-----	1.7	4.1
349	05/12/2005 09:16	-----	1.7	4.3

350	05/12/2005 09:16	-----	1.3	2.2
351	05/12/2005 09:16	-----	1.2	3.0
352	05/12/2005 09:16	-----	0.8	1.6
353	05/12/2005 09:17	-----	0.6	1.8
354	05/12/2005 09:17	-----	0.6	1.6
355	05/12/2005 09:17	-----	0.4	0.5
356	05/12/2005 09:17	-----	1.0	4.1
357	05/12/2005 09:18	-----	1.2	2.4
358	05/12/2005 09:18	-----	1.2	2.4
359	05/12/2005 09:18	-----	0.5	0.9
360	05/12/2005 09:18	-----	0.9	2.2
361	05/12/2005 09:19	-----	1.2	2.0
362	05/12/2005 09:19	-----	0.8	1.5
363	05/12/2005 09:19	-----	0.9	1.8
364	05/12/2005 09:19	-----	0.6	1.3
365	05/12/2005 09:20	-----	0.4	0.5
366	05/12/2005 09:20	-----	0.8	1.7
367	05/12/2005 09:20	-----	1.2	2.0
368	05/12/2005 09:20	-----	0.4	0.5
369	05/12/2005 09:21	-----	0.4	0.5
370	05/12/2005 09:21	-----	0.6	2.3
371	05/12/2005 09:21	-----	0.8	1.2
372	05/12/2005 09:21	-----	0.4	0.5
373	05/12/2005 09:22	-----	0.4	0.7
374	05/12/2005 09:22	-----	0.5	1.3
375	05/12/2005 09:22	-----	0.4	0.5
376	05/12/2005 09:22	-----	0.5	0.5
377	05/12/2005 09:23	-----	0.5	0.5
378	05/12/2005 09:23	-----	0.5	0.5
379	05/12/2005 09:23	-----	0.5	0.6
380	05/12/2005 09:23	-----	0.5	0.6
381	05/12/2005 09:24	-----	0.5	0.6
382	05/12/2005 09:24	-----	0.5	0.6
383	05/12/2005 09:24	-----	0.5	0.6
384	05/12/2005 09:24	-----	0.5	0.6
385	05/12/2005 09:25	-----	0.5	0.6
386	05/12/2005 09:25	-----	0.5	0.6
387	05/12/2005 09:25	-----	0.6	0.7
388	05/12/2005 09:25	-----	0.6	0.7
389	05/12/2005 09:26	-----	0.7	0.8
390	05/12/2005 09:26	-----	0.7	0.8
391	05/12/2005 09:26	-----	0.7	0.8
392	05/12/2005 09:26	-----	0.8	0.8
393	05/12/2005 09:27	-----	0.8	0.8
394	05/12/2005 09:27	-----	0.7	0.8
395	05/12/2005 09:27	-----	0.7	0.8
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397	05/12/2005 09:28	-----	0.7	0.7
398	05/12/2005 09:28	-----	0.6	0.7
399	05/12/2005 09:28	-----	0.6	0.7
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401	05/12/2005 09:29	-----	0.6	0.7
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405	05/12/2005 09:30	-----	0.5	0.6
406	05/12/2005 09:30	-----	0.5	0.6
407	05/12/2005 09:30	-----	0.5	0.6
408	05/12/2005 09:30	-----	0.5	0.6
409	05/12/2005 09:31	-----	0.5	0.6

410	05/12/2005 09:31	-----	0.6	0.6
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412	05/12/2005 09:31	-----	0.6	0.7
413	05/12/2005 09:32	-----	0.6	0.7
414	05/12/2005 09:32	-----	0.6	0.6
415	05/12/2005 09:32	-----	0.5	0.6
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417	05/12/2005 09:33	-----	0.6	0.7
418	05/12/2005 09:33	-----	0.6	0.7
419	05/12/2005 09:33	-----	0.6	0.6
420	05/12/2005 09:33	-----	0.6	0.6
421	05/12/2005 09:34	-----	0.6	0.7
422	05/12/2005 09:34	-----	0.6	0.7
423	05/12/2005 09:34	-----	0.6	0.7
424	05/12/2005 09:34	-----	0.6	0.7
425	05/12/2005 09:35	-----	0.6	0.7
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429	05/12/2005 09:36	-----	0.7	0.7
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432	05/12/2005 09:36	-----	0.6	0.7
433	05/12/2005 09:37	-----	0.6	0.7
434	05/12/2005 09:37	-----	0.6	0.7
435	05/12/2005 09:37	-----	0.6	0.7
436	05/12/2005 09:37	-----	0.6	0.6
437	05/12/2005 09:38	-----	0.6	0.6
438	05/12/2005 09:38	-----	0.6	0.6
439	05/12/2005 09:38	-----	0.5	0.6
440	05/12/2005 09:38	-----	0.5	0.6
441	05/12/2005 09:39	-----	0.5	0.5
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445	05/12/2005 09:40	-----	0.5	0.5
446	05/12/2005 09:40	-----	0.5	0.5
447	05/12/2005 09:40	-----	0.5	0.5
448	05/12/2005 09:40	-----	0.5	0.5
449	05/12/2005 09:41	-----	0.4	0.5
450	05/12/2005 09:41	-----	0.4	0.5
451	05/12/2005 09:41	-----	0.4	0.5
452	05/12/2005 09:41	-----	0.5	0.5
453	05/12/2005 09:42	-----	0.5	0.5
454	05/12/2005 09:42	-----	0.5	0.5
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456	05/12/2005 09:42	-----	0.5	0.5
457	05/12/2005 09:43	-----	0.5	0.5
458	05/12/2005 09:43	-----	0.5	0.5
459	05/12/2005 09:43	-----	0.4	0.5
460	05/12/2005 09:43	-----	0.5	0.5
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469	05/12/2005 09:46	-----	0.5	0.5

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472	05/12/2005 09:46	-----	0.5	0.6
473	05/12/2005 09:47	-----	0.5	0.6
474	05/12/2005 09:47	-----	0.5	0.6
475	05/12/2005 09:47	-----	0.5	0.6
476	05/12/2005 09:47	-----	0.5	0.6
477	05/12/2005 09:48	-----	0.5	0.6
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484	05/12/2005 09:49	-----	0.5	0.6
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488	05/12/2005 09:50	-----	0.6	0.6
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490	05/12/2005 09:51	-----	0.6	0.6
491	05/12/2005 09:51	-----	0.6	0.6
492	05/12/2005 09:51	-----	0.6	0.6
493	05/12/2005 09:52	-----	0.5	0.6
494	05/12/2005 09:52	-----	0.5	0.6
495	05/12/2005 09:52	-----	0.5	0.6
496	05/12/2005 09:52	-----	0.6	0.6
497	05/12/2005 09:53	-----	0.5	0.6
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516	05/12/2005 09:57	-----	0.6	0.7
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e: 9 519	05/12/2005 09:58	-----	0.6	0.6
520	05/12/2005 09:58	-----	0.6	0.6
521	05/12/2005 09:59	-----	0.6	0.7
522	05/12/2005 09:59	-----	0.6	0.7
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524	05/12/2005 09:59	-----	0.6	0.7
525	05/12/2005 10:00	-----	0.6	0.7
526	05/12/2005 10:00	-----	0.6	0.6
527	05/12/2005 10:00	-----	0.6	0.7
528	05/12/2005 10:00	-----	0.6	0.6
529	05/12/2005 10:01	-----	0.6	0.7

530	05/12/2005 10:01	-----	0.6	0.7
531	05/12/2005 10:01	-----	0.6	0.7
532	05/12/2005 10:01	-----	0.6	0.7
533	05/12/2005 10:02	-----	0.6	0.7
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538	05/12/2005 10:03	-----	0.6	0.7
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540	05/12/2005 10:03	-----	0.7	0.7
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551	05/12/2005 10:06	-----	0.6	0.7
552	05/12/2005 10:06	-----	0.6	0.7
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557	05/12/2005 10:08	-----	0.6	0.7
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565	05/12/2005 10:10	-----	0.6	0.7
566	05/12/2005 10:10	-----	0.6	0.7
567	05/12/2005 10:10	-----	0.6	0.7
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575	05/12/2005 10:12	-----	0.7	0.7
576	05/12/2005 10:12	-----	0.7	0.7
577	05/12/2005 10:13	-----	0.7	0.7
578	05/12/2005 10:13	-----	0.7	0.9
e: 1 579	05/12/2005 10:13	-----	0.8	0.9
580	05/12/2005 10:13	-----	0.8	0.8
581	05/12/2005 10:14	-----	0.8	0.9
582	05/12/2005 10:14	-----	0.9	1.0
583	05/12/2005 10:14	-----	0.9	1.0
584	05/12/2005 10:14	-----	1.1	1.2
585	05/12/2005 10:15	-----	1.0	1.1
586	05/12/2005 10:15	-----	1.0	1.1
587	05/12/2005 10:15	-----	1.2	1.5
588	05/12/2005 10:15	-----	1.4	1.6
589	05/12/2005 10:16	-----	1.3	1.4

590	05/12/2005 10:16	-----	1.4	1.8
591	05/12/2005 10:16	-----	1.7	1.9
592	05/12/2005 10:16	-----	1.7	1.8
593	05/12/2005 10:17	-----	1.6	1.7
594	05/12/2005 10:17	-----	1.5	1.6
595	05/12/2005 10:17	-----	1.6	1.8
596	05/12/2005 10:17	-----	2.2	4.3
597	05/12/2005 10:18	-----	2.7	4.5
598	05/12/2005 10:18	-----	0.9	1.7
599	05/12/2005 10:18	-----	0.7	0.8
600	05/12/2005 10:18	-----	0.7	1.0
601	05/12/2005 10:19	-----	1.9	4.5
602	05/12/2005 10:19	-----	1.6	3.6
603	05/12/2005 10:19	-----	2.1	4.0
604	05/12/2005 10:19	-----	1.7	4.8
605	05/12/2005 10:20	-----	1.1	2.3
606	05/12/2005 10:20	-----	2.1	3.1
607	05/12/2005 10:20	-----	1.3	2.5
608	05/12/2005 10:20	-----	0.7	1.1
609	05/12/2005 10:21	-----	0.5	0.7
610	05/12/2005 10:21	-----	0.6	1.0
611	05/12/2005 10:21	-----	1.5	3.0
612	05/12/2005 10:21	-----	1.2	4.8
613	05/12/2005 10:22	-----	1.4	2.3
614	05/12/2005 10:22	-----	2.0	3.3
615	05/12/2005 10:22	-----	1.3	2.5
616	05/12/2005 10:22	-----	1.7	2.5
617	05/12/2005 10:23	-----	1.2	2.6
618	05/12/2005 10:23	-----	1.3	2.9
619	05/12/2005 10:23	-----	1.6	2.6
620	05/12/2005 10:23	-----	0.6	1.0
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622	05/12/2005 10:24	-----	3.1	4.9
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625	05/12/2005 10:25	-----	2.2	3.4
626	05/12/2005 10:25	-----	1.6	2.2
627	05/12/2005 10:25	-----	1.7	3.6
628	05/12/2005 10:25	-----	1.4	2.3
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630	05/12/2005 10:26	-----	1.3	2.5
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632	05/12/2005 10:26	-----	1.0	1.6
633	05/12/2005 10:27	-----	1.8	5.7
634	05/12/2005 10:27	-----	2.1	4.3
635	05/12/2005 10:27	-----	1.3	1.9
636	05/12/2005 10:27	-----	1.5	2.2
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638	05/12/2005 10:28	-----	1.1	2.1
e: 1 639	05/12/2005 10:28	-----	1.3	1.6
640	05/12/2005 10:28	-----	1.5	2.5
641	05/12/2005 10:29	-----	1.7	3.1
642	05/12/2005 10:29	-----	1.5	2.3
643	05/12/2005 10:29	-----	1.1	1.8
644	05/12/2005 10:29	-----	0.7	1.3
645	05/12/2005 10:30	-----	1.4	2.1
646	05/12/2005 10:30	-----	0.7	1.6
647	05/12/2005 10:30	-----	0.7	1.0
648	05/12/2005 10:30	-----	0.6	0.9
649	05/12/2005 10:31	-----	1.1	1.6

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651	05/12/2005 10:31	-----	1.1	1.8
652	05/12/2005 10:31	-----	1.0	1.7
653	05/12/2005 10:32	-----	1.2	1.7
654	05/12/2005 10:32	-----	0.9	1.3
655	05/12/2005 10:32	-----	0.7	1.5
656	05/12/2005 10:32	-----	1.3	1.9
657	05/12/2005 10:33	-----	1.2	2.2
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659	05/12/2005 10:33	-----	1.0	1.3
660	05/12/2005 10:33	-----	0.7	1.3
661	05/12/2005 10:34	-----	0.5	0.6
662	05/12/2005 10:34	-----	1.1	2.1
663	05/12/2005 10:34	-----	0.5	0.7
664	05/12/2005 10:34	-----	0.9	1.8
665	05/12/2005 10:35	-----	0.9	2.0
666	05/12/2005 10:35	-----	0.7	1.6
667	05/12/2005 10:35	-----	1.0	1.5
668	05/12/2005 10:35	-----	0.6	0.8
669	05/12/2005 10:36	-----	0.5	0.6
670	05/12/2005 10:36	-----	0.5	0.6
671	05/12/2005 10:36	-----	1.2	2.1
672	05/12/2005 10:36	-----	1.0	1.4
673	05/12/2005 10:37	-----	1.0	2.0
674	05/12/2005 10:37	-----	1.2	1.8
675	05/12/2005 10:37	-----	1.0	1.4
676	05/12/2005 10:37	-----	0.6	0.8
677	05/12/2005 10:38	-----	0.5	0.6
678	05/12/2005 10:38	-----	0.6	0.9
679	05/12/2005 10:38	-----	0.5	0.6
680	05/12/2005 10:38	-----	0.5	0.6
681	05/12/2005 10:39	-----	0.5	0.6
682	05/12/2005 10:39	-----	0.5	0.6
683	05/12/2005 10:39	-----	0.8	1.6
684	05/12/2005 10:39	-----	0.8	1.2
685	05/12/2005 10:40	-----	1.1	1.9
686	05/12/2005 10:40	-----	1.0	1.4
687	05/12/2005 10:40	-----	1.7	2.7
688	05/12/2005 10:40	-----	1.3	2.0
689	05/12/2005 10:41	-----	0.8	1.4
690	05/12/2005 10:41	-----	1.1	2.4
691	05/12/2005 10:41	-----	1.4	2.5
692	05/12/2005 10:41	-----	1.0	1.5
693	05/12/2005 10:42	-----	1.6	2.2
694	05/12/2005 10:42	-----	1.7	2.4
695	05/12/2005 10:42	-----	1.2	1.7
696	05/12/2005 10:42	-----	1.9	3.8
697	05/12/2005 10:43	-----	1.0	1.7
698	05/12/2005 10:43	-----	1.5	3.5
e: 1 699	05/12/2005 10:43	-----	2.1	3.1
700	05/12/2005 10:43	-----	2.1	4.4
701	05/12/2005 10:44	-----	1.1	1.8
702	05/12/2005 10:44	-----	1.9	3.3
703	05/12/2005 10:44	-----	1.7	3.3
704	05/12/2005 10:44	-----	1.4	2.0
705	05/12/2005 10:45	-----	1.3	2.7
706	05/12/2005 10:45	-----	1.9	2.7
707	05/12/2005 10:45	-----	0.6	0.7
708	05/12/2005 10:45	-----	0.6	0.8
709	05/12/2005 10:46	-----	2.2	4.0

710	05/12/2005 10:46	-----	2.1	3.5
711	05/12/2005 10:46	-----	1.1	2.2
712	05/12/2005 10:46	-----	0.9	2.3
713	05/12/2005 10:47	-----	1.5	3.0
714	05/12/2005 10:47	-----	0.7	0.9
715	05/12/2005 10:47	-----	0.9	2.8
716	05/12/2005 10:47	-----	1.6	3.6
717	05/12/2005 10:48	-----	2.3	4.3
718	05/12/2005 10:48	-----	2.5	4.5
719	05/12/2005 10:48	-----	2.9	4.5
720	05/12/2005 10:48	-----	1.5	3.1
721	05/12/2005 10:49	-----	1.1	2.4
722	05/12/2005 10:49	-----	1.3	2.4
723	05/12/2005 10:49	-----	1.2	2.5
724	05/12/2005 10:49	-----	0.8	1.1
725	05/12/2005 10:50	-----	0.6	0.7
726	05/12/2005 10:50	-----	0.6	0.6
727	05/12/2005 10:50	-----	0.6	0.6
728	05/12/2005 10:50	-----	0.6	0.6
729	05/12/2005 10:51	-----	0.6	0.6
730	05/12/2005 10:51	-----	0.5	0.6
731	05/12/2005 10:51	-----	0.6	0.7
732	05/12/2005 10:51	-----	1.1	2.5
733	05/12/2005 10:52	-----	1.2	2.5
734	05/12/2005 10:52	-----	0.8	1.0
735	05/12/2005 10:52	-----	0.7	1.0
736	05/12/2005 10:52	-----	0.9	1.7
737	05/12/2005 10:53	-----	1.1	2.8
738	05/12/2005 10:53	-----	2.0	3.1
739	05/12/2005 10:53	-----	1.4	2.0
740	05/12/2005 10:53	-----	1.1	1.8
741	05/12/2005 10:54	-----	1.1	2.2
742	05/12/2005 10:54	-----	0.8	1.6
743	05/12/2005 10:54	-----	1.1	1.9
744	05/12/2005 10:54	-----	1.1	1.5
745	05/12/2005 10:55	-----	1.2	1.9
746	05/12/2005 10:55	-----	1.1	1.6
747	05/12/2005 10:55	-----	1.3	2.0
748	05/12/2005 10:55	-----	0.8	1.2
749	05/12/2005 10:56	-----	1.5	2.4
750	05/12/2005 10:56	-----	0.9	1.5
751	05/12/2005 10:56	-----	1.0	1.5
752	05/12/2005 10:56	-----	1.2	2.3
753	05/12/2005 10:57	-----	1.4	2.4
754	05/12/2005 10:57	-----	1.2	1.9
755	05/12/2005 10:57	-----	0.7	1.0
756	05/12/2005 10:57	-----	1.1	1.9
757	05/12/2005 10:58	-----	0.6	0.7
758	05/12/2005 10:58	-----	1.0	1.4
759	05/12/2005 10:58	-----	1.1	2.3
760	05/12/2005 10:58	-----	0.9	1.5
761	05/12/2005 10:59	-----	1.1	1.9
762	05/12/2005 10:59	-----	0.8	1.4
763	05/12/2005 10:59	-----	0.7	1.5
764	05/12/2005 10:59	-----	1.3	2.1
765	05/12/2005 11:00	-----	1.7	2.6
766	05/12/2005 11:00	-----	1.1	1.9
767	05/12/2005 11:00	-----	1.4	2.5
768	05/12/2005 11:00	-----	1.3	2.9
769	05/12/2005 11:01	-----	1.2	1.7

770	05/12/2005 11:01	-----	1.4	2.1
771	05/12/2005 11:01	-----	1.3	2.2
772	05/12/2005 11:01	-----	1.0	1.6
773	05/12/2005 11:02	-----	1.3	2.0
774	05/12/2005 11:02	-----	1.2	2.2
775	05/12/2005 11:02	-----	1.2	1.8
776	05/12/2005 11:02	-----	1.4	2.8
777	05/12/2005 11:03	-----	0.9	1.5
778	05/12/2005 11:03	-----	0.7	0.8
779	05/12/2005 11:03	-----	0.9	2.2
780	05/12/2005 11:03	-----	0.6	0.8
781	05/12/2005 11:04	-----	0.6	0.7
782	05/12/2005 11:04	-----	0.7	1.0
783	05/12/2005 11:04	-----	1.8	4.8
784	05/12/2005 11:04	-----	1.8	3.9
785	05/12/2005 11:05	-----	3.1	7.6
786	05/12/2005 11:05	-----	3.8	7.5
787	05/12/2005 11:05	-----	2.6	6.2
788	05/12/2005 11:05	-----	2.1	7.4
789	05/12/2005 11:06	-----	3.0	8.0
790	05/12/2005 11:06	-----	2.2	4.0
791	05/12/2005 11:06	-----	1.9	4.4
792	05/12/2005 11:06	-----	1.7	4.0
793	05/12/2005 11:07	-----	3.4	9.0
794	05/12/2005 11:07	-----	1.7	3.7
795	05/12/2005 11:07	-----	2.8	5.5
796	05/12/2005 11:07	-----	3.0	5.2
797	05/12/2005 11:08	-----	2.2	4.7
798	05/12/2005 11:08	-----	1.4	2.8
799	05/12/2005 11:08	-----	2.6	8.6
800	05/12/2005 11:08	-----	3.7	9.2
801	05/12/2005 11:09	-----	2.9	4.0
802	05/12/2005 11:09	-----	1.4	2.3
803	05/12/2005 11:09	-----	1.9	6.4
804	05/12/2005 11:09	-----	2.0	6.1
805	05/12/2005 11:10	-----	1.7	3.0
806	05/12/2005 11:10	-----	1.5	2.1
807	05/12/2005 11:10	-----	1.7	2.2
808	05/12/2005 11:10	-----	2.1	3.1
809	05/12/2005 11:11	-----	1.7	3.2
810	05/12/2005 11:11	-----	2.6	5.5
811	05/12/2005 11:11	-----	2.1	3.7
812	05/12/2005 11:11	-----	2.2	4.2
813	05/12/2005 11:12	-----	1.2	2.7
814	05/12/2005 11:12	-----	1.7	4.3
815	05/12/2005 11:12	-----	2.6	5.4
816	05/12/2005 11:12	-----	1.3	3.8
817	05/12/2005 11:13	-----	3.0	6.9
818	05/12/2005 11:13	-----	3.0	4.7
e: 1 819	05/12/2005 11:13	-----	2.0	4.0
820	05/12/2005 11:13	-----	2.3	4.4
821	05/12/2005 11:14	-----	1.8	2.8
822	05/12/2005 11:14	-----	2.1	4.1
823	05/12/2005 11:14	-----	1.0	1.4
824	05/12/2005 11:14	-----	1.3	3.2
825	05/12/2005 11:15	-----	1.6	2.6
826	05/12/2005 11:15	-----	1.0	1.5
827	05/12/2005 11:15	-----	1.3	2.4
828	05/12/2005 11:15	-----	2.0	4.0
829	05/12/2005 11:16	-----	1.7	3.0

830	05/12/2005 11:16	-----	1.7	3.6
831	05/12/2005 11:16	-----	1.6	2.7
832	05/12/2005 11:16	-----	1.4	1.8
833	05/12/2005 11:17	-----	1.8	3.2
834	05/12/2005 11:17	-----	2.0	3.0
835	05/12/2005 11:17	-----	2.0	3.2
836	05/12/2005 11:17	-----	1.8	2.9
837	05/12/2005 11:18	-----	1.8	4.6
838	05/12/2005 11:18	-----	2.5	4.3
839	05/12/2005 11:18	-----	2.1	3.5
840	05/12/2005 11:18	-----	1.2	2.6
841	05/12/2005 11:19	-----	2.1	3.9
842	05/12/2005 11:19	-----	2.3	3.3
843	05/12/2005 11:19	-----	1.5	2.1
844	05/12/2005 11:19	-----	1.3	2.9
845	05/12/2005 11:20	-----	2.5	4.3
846	05/12/2005 11:20	-----	2.3	3.5
847	05/12/2005 11:20	-----	1.8	2.7
848	05/12/2005 11:20	-----	2.0	3.1
849	05/12/2005 11:21	-----	1.9	2.7
850	05/12/2005 11:21	-----	1.9	2.8
851	05/12/2005 11:21	-----	1.6	3.8
852	05/12/2005 11:21	-----	1.3	2.3
853	05/12/2005 11:22	-----	1.3	2.7
854	05/12/2005 11:22	-----	1.0	1.6
855	05/12/2005 11:22	-----	1.2	1.9
856	05/12/2005 11:22	-----	1.6	2.8
857	05/12/2005 11:23	-----	1.2	2.6
858	05/12/2005 11:23	-----	1.8	2.9
859	05/12/2005 11:23	-----	1.3	3.0
860	05/12/2005 11:23	-----	2.9	5.2
861	05/12/2005 11:24	-----	1.3	3.0
862	05/12/2005 11:24	-----	2.2	5.5
863	05/12/2005 11:24	-----	1.8	3.3
864	05/12/2005 11:24	-----	1.8	4.0
865	05/12/2005 11:25	-----	1.8	7.1
866	05/12/2005 11:25	-----	2.0	4.8
867	05/12/2005 11:25	-----	4.9	11.6
868	05/12/2005 11:25	-----	2.8	5.0
869	05/12/2005 11:26	-----	2.3	4.4
870	05/12/2005 11:26	-----	4.5	9.6
871	05/12/2005 11:26	-----	3.6	7.3
872	05/12/2005 11:26	-----	3.8	6.9
873	05/12/2005 11:27	-----	2.1	4.3
874	05/12/2005 11:27	-----	1.9	6.6
875	05/12/2005 11:27	-----	2.6	5.4
876	05/12/2005 11:27	-----	2.1	3.3
877	05/12/2005 11:28	-----	2.0	3.9
878	05/12/2005 11:28	-----	2.5	4.8
e: 1 879	05/12/2005 11:28	-----	1.4	3.5
880	05/12/2005 11:28	-----	1.1	3.3
881	05/12/2005 11:29	-----	1.0	1.4
882	05/12/2005 11:29	-----	0.9	2.6
883	05/12/2005 11:29	-----	0.7	0.8
884	05/12/2005 11:29	-----	0.7	0.7
885	05/12/2005 11:30	-----	0.7	1.3
886	05/12/2005 11:30	-----	2.9	6.4
887	05/12/2005 11:30	-----	1.6	4.1
888	05/12/2005 11:30	-----	3.3	5.9
889	05/12/2005 11:31	-----	2.2	4.0

890	05/12/2005 11:31	-----	1.8	2.5
891	05/12/2005 11:31	-----	1.9	3.6
892	05/12/2005 11:31	-----	1.9	3.5
893	05/12/2005 11:32	-----	2.4	4.0
894	05/12/2005 11:32	-----	2.2	3.9
895	05/12/2005 11:32	-----	1.3	2.1
896	05/12/2005 11:32	-----	0.9	1.5
897	05/12/2005 11:33	-----	1.8	4.1
898	05/12/2005 11:33	-----	2.3	4.2
899	05/12/2005 11:33	-----	2.5	3.7
900	05/12/2005 11:33	-----	1.3	2.0
901	05/12/2005 11:34	-----	1.7	4.7
902	05/12/2005 11:34	-----	2.2	4.7
903	05/12/2005 11:34	-----	2.6	6.0
904	05/12/2005 11:34	-----	0.7	0.9
905	05/12/2005 11:35	-----	0.6	0.7
906	05/12/2005 11:35	-----	0.6	0.7
907	05/12/2005 11:35	-----	0.6	0.7
908	05/12/2005 11:35	-----	1.1	2.7
909	05/12/2005 11:36	-----	1.5	4.1
910	05/12/2005 11:36	-----	1.8	3.2
911	05/12/2005 11:36	-----	2.4	4.4
912	05/12/2005 11:36	-----	2.9	5.3
913	05/12/2005 11:37	-----	2.0	3.9
914	05/12/2005 11:37	-----	1.9	3.3
915	05/12/2005 11:37	-----	2.4	3.3
916	05/12/2005 11:37	-----	1.7	3.3
917	05/12/2005 11:38	-----	1.0	3.5
918	05/12/2005 11:38	-----	1.7	3.5
919	05/12/2005 11:38	-----	2.8	4.6
920	05/12/2005 11:38	-----	2.1	3.3
921	05/12/2005 11:39	-----	2.4	5.2
922	05/12/2005 11:39	-----	3.6	7.1
923	05/12/2005 11:39	-----	2.5	3.9
924	05/12/2005 11:39	-----	3.4	6.4
925	05/12/2005 11:40	-----	2.3	3.6
926	05/12/2005 11:40	-----	0.8	1.0
927	05/12/2005 11:40	-----	1.2	2.2
928	05/12/2005 11:40	-----	1.7	3.1
929	05/12/2005 11:41	-----	1.7	3.0
930	05/12/2005 11:41	-----	1.9	2.9
931	05/12/2005 11:41	-----	1.0	1.7
932	05/12/2005 11:41	-----	3.1	5.2
933	05/12/2005 11:42	-----	0.9	1.2
934	05/12/2005 11:42	-----	3.4	6.1
935	05/12/2005 11:42	-----	2.7	6.3
936	05/12/2005 11:42	-----	3.5	7.1
937	05/12/2005 11:43	-----	1.3	2.9
938	05/12/2005 11:43	-----	0.8	0.9
939	05/12/2005 11:43	-----	1.6	2.5
940	05/12/2005 11:43	-----	1.3	3.9
941	05/12/2005 11:44	-----	1.8	4.4
942	05/12/2005 11:44	-----	1.9	3.4
943	05/12/2005 11:44	-----	4.1	7.2
944	05/12/2005 11:44	-----	2.3	4.6
945	05/12/2005 11:45	-----	1.0	2.2
946	05/12/2005 11:45	-----	0.7	0.8
947	05/12/2005 11:45	-----	0.6	0.7
948	05/12/2005 11:45	-----	0.8	1.6
949	05/12/2005 11:46	-----	0.8	1.7

950	05/12/2005 11:46	-----	2.3	8.3
951	05/12/2005 11:46	-----	0.7	1.0
952	05/12/2005 11:46	-----	0.8	1.1
953	05/12/2005 11:47	-----	0.8	1.0
954	05/12/2005 11:47	-----	0.7	1.0
955	05/12/2005 11:47	-----	0.9	2.3
956	05/12/2005 11:47	-----	2.7	6.5
957	05/12/2005 11:48	-----	1.5	4.2
958	05/12/2005 11:48	-----	1.4	2.3
959	05/12/2005 11:48	-----	0.8	1.1
960	05/12/2005 11:48	-----	0.7	0.9
961	05/12/2005 11:49	-----	0.8	1.4
962	05/12/2005 11:49	-----	0.7	1.2
963	05/12/2005 11:49	-----	2.2	4.0
964	05/12/2005 11:49	-----	1.5	3.0
965	05/12/2005 11:50	-----	2.1	3.1
966	05/12/2005 11:50	-----	1.8	3.4
967	05/12/2005 11:50	-----	1.5	2.4
968	05/12/2005 11:50	-----	2.2	4.3
969	05/12/2005 11:51	-----	2.0	4.7
970	05/12/2005 11:51	-----	3.1	5.1
971	05/12/2005 11:51	-----	3.0	6.4
972	05/12/2005 11:51	-----	1.8	2.8
973	05/12/2005 11:52	-----	2.1	4.5
974	05/12/2005 11:52	-----	2.2	3.7
975	05/12/2005 11:52	-----	1.7	2.4
976	05/12/2005 11:52	-----	0.9	1.4
977	05/12/2005 11:53	-----	1.0	1.6
978	05/12/2005 11:53	-----	0.7	0.8
979	05/12/2005 11:53	-----	1.6	2.6
980	05/12/2005 11:53	-----	1.6	2.6
981	05/12/2005 11:54	-----	1.0	1.7
982	05/12/2005 11:54	-----	1.3	3.0
983	05/12/2005 11:54	-----	1.9	4.7
984	05/12/2005 11:54	-----	1.5	2.2
985	05/12/2005 11:55	-----	1.4	3.0
986	05/12/2005 11:55	-----	1.6	3.2
987	05/12/2005 11:55	-----	2.1	4.2
988	05/12/2005 11:55	-----	1.8	2.6
989	05/12/2005 11:56	-----	0.8	1.1
990	05/12/2005 11:56	-----	1.0	1.6
991	05/12/2005 11:56	-----	1.2	1.9
992	05/12/2005 11:56	-----	2.1	4.1
993	05/12/2005 11:57	-----	1.5	2.2
994	05/12/2005 11:57	-----	2.0	3.5
995	05/12/2005 11:57	-----	1.4	2.5
996	05/12/2005 11:57	-----	1.7	3.0
997	05/12/2005 11:58	-----	1.4	2.5
998	05/12/2005 11:58	-----	0.9	1.4
999	05/12/2005 11:58	-----	2.0	3.0
1000	05/12/2005 11:58	-----	1.4	2.7
1001	05/12/2005 11:59	-----	1.3	3.2
1002	05/12/2005 11:59	-----	1.2	3.2
1003	05/12/2005 11:59	-----	1.9	2.9
1004	05/12/2005 11:59	-----	1.9	3.5
1005	05/12/2005 12:00	-----	1.1	1.6
1006	05/12/2005 12:00	-----	1.4	2.3
1007	05/12/2005 12:00	-----	1.5	2.4
1008	05/12/2005 12:00	-----	1.7	2.9
1009	05/12/2005 12:01	-----	1.5	2.1

1010	05/12/2005 12:01	-----	1.5	2.7
1011	05/12/2005 12:01	-----	1.4	2.2
1012	05/12/2005 12:01	-----	1.2	1.9
1013	05/12/2005 12:02	-----	1.4	2.6
1014	05/12/2005 12:02	-----	1.4	2.0
1015	05/12/2005 12:02	-----	1.3	1.9
1016	05/12/2005 12:02	-----	1.3	1.7
1017	05/12/2005 12:03	-----	1.6	2.6
1018	05/12/2005 12:03	-----	1.2	1.8
1019	05/12/2005 12:03	-----	0.7	0.8
1020	05/12/2005 12:03	-----	0.9	1.9
1021	05/12/2005 12:04	-----	0.7	1.1
1022	05/12/2005 12:04	-----	1.0	1.5
1023	05/12/2005 12:04	-----	0.9	1.9
1024	05/12/2005 12:04	-----	1.1	2.0
1025	05/12/2005 12:05	-----	1.9	2.9
1026	05/12/2005 12:05	-----	1.4	1.9
1027	05/12/2005 12:05	-----	1.3	2.6
1028	05/12/2005 12:05	-----	1.5	2.8
1029	05/12/2005 12:06	-----	1.4	1.7
1030	05/12/2005 12:06	-----	1.6	3.3
1031	05/12/2005 12:06	-----	1.3	2.4
1032	05/12/2005 12:06	-----	2.0	2.6
1033	05/12/2005 12:07	-----	0.9	1.2
1034	05/12/2005 12:07	-----	0.9	1.4
1035	05/12/2005 12:07	-----	1.4	2.1
1036	05/12/2005 12:07	-----	1.1	1.7
1037	05/12/2005 12:08	-----	0.7	0.9
1038	05/12/2005 12:08	-----	0.7	0.8
1039	05/12/2005 12:08	-----	0.8	1.2
1040	05/12/2005 12:08	-----	1.5	2.7
1041	05/12/2005 12:09	-----	1.1	2.0
1042	05/12/2005 12:09	-----	1.0	2.2
1043	05/12/2005 12:09	-----	1.3	2.1
1044	05/12/2005 12:09	-----	1.2	2.2
1045	05/12/2005 12:10	-----	1.2	2.3
1046	05/12/2005 12:10	-----	1.3	2.1
1047	05/12/2005 12:10	-----	1.4	2.8
1048	05/12/2005 12:10	-----	1.0	1.5
1049	05/12/2005 12:11	-----	0.7	0.8
1050	05/12/2005 12:11	-----	1.3	3.4
1051	05/12/2005 12:11	-----	1.1	2.1
1052	05/12/2005 12:11	-----	1.3	2.1
1053	05/12/2005 12:12	-----	1.4	2.1
1054	05/12/2005 12:12	-----	1.0	1.5
1055	05/12/2005 12:12	-----	1.1	1.9
1056	05/12/2005 12:12	-----	1.5	2.0
1057	05/12/2005 12:13	-----	1.5	2.6
1058	05/12/2005 12:13	-----	1.2	1.8
1059	05/12/2005 12:13	-----	0.9	1.3
1060	05/12/2005 12:13	-----	0.8	1.1
1061	05/12/2005 12:14	-----	1.0	1.3
1062	05/12/2005 12:14	-----	1.0	1.7
1063	05/12/2005 12:14	-----	0.9	1.5
1064	05/12/2005 12:14	-----	1.1	1.5
1065	05/12/2005 12:15	-----	1.3	1.7
1066	05/12/2005 12:15	-----	0.8	1.0
1067	05/12/2005 12:15	-----	0.9	1.2
1068	05/12/2005 12:15	-----	0.7	1.0
1069	05/12/2005 12:16	-----	1.2	2.1

1070	05/12/2005 12:16	-----	1.0	1.5
1071	05/12/2005 12:16	-----	1.1	1.5
1072	05/12/2005 12:16	-----	1.3	2.6
1073	05/12/2005 12:17	-----	0.7	0.9
1074	05/12/2005 12:17	-----	0.9	1.4
1075	05/12/2005 12:17	-----	1.2	2.3
1076	05/12/2005 12:17	-----	1.0	1.6
1077	05/12/2005 12:18	-----	0.9	1.4
1078	05/12/2005 12:18	-----	1.2	1.7
1079	05/12/2005 12:18	-----	0.9	1.5
1080	05/12/2005 12:18	-----	1.0	1.2
1081	05/12/2005 12:19	-----	1.2	2.0
1082	05/12/2005 12:19	-----	1.3	1.7
1083	05/12/2005 12:19	-----	1.2	1.8
1084	05/12/2005 12:19	-----	1.2	1.7
1085	05/12/2005 12:20	-----	1.0	1.3
1086	05/12/2005 12:20	-----	1.0	1.3
1087	05/12/2005 12:20	-----	1.2	2.0
1088	05/12/2005 12:20	-----	1.2	1.9
1089	05/12/2005 12:21	-----	0.9	1.1
1090	05/12/2005 12:21	-----	1.1	1.7
1091	05/12/2005 12:21	-----	0.9	1.4
1092	05/12/2005 12:21	-----	1.2	1.8
1093	05/12/2005 12:22	-----	1.3	2.0
1094	05/12/2005 12:22	-----	1.0	1.2
1095	05/12/2005 12:22	-----	0.7	1.1
1096	05/12/2005 12:22	-----	1.0	1.6
1097	05/12/2005 12:23	-----	1.1	1.6
1098	05/12/2005 12:23	-----	1.4	2.2
1099	05/12/2005 12:23	-----	1.2	2.1
1100	05/12/2005 12:23	-----	0.9	1.4
1101	05/12/2005 12:24	-----	1.6	2.7
1102	05/12/2005 12:24	-----	1.8	2.5
1103	05/12/2005 12:24	-----	1.2	2.2
1104	05/12/2005 12:24	-----	1.2	1.8
1105	05/12/2005 12:25	-----	2.1	2.9
1106	05/12/2005 12:25	-----	1.3	2.4
1107	05/12/2005 12:25	-----	1.0	1.9
1108	05/12/2005 12:25	-----	0.8	1.1
1109	05/12/2005 12:26	-----	0.9	1.3
1110	05/12/2005 12:26	-----	1.3	1.8
1111	05/12/2005 12:26	-----	1.5	1.8
1112	05/12/2005 12:26	-----	1.2	1.6
1113	05/12/2005 12:27	-----	1.6	2.4
1114	05/12/2005 12:27	-----	0.9	1.5
1115	05/12/2005 12:27	-----	0.9	1.1
1116	05/12/2005 12:27	-----	1.1	1.3
1117	05/12/2005 12:28	-----	0.8	1.1
1118	05/12/2005 12:28	-----	1.8	2.7
1119	05/12/2005 12:28	-----	1.5	2.7
1120	05/12/2005 12:28	-----	0.9	1.1
1121	05/12/2005 12:29	-----	1.3	2.5
1122	05/12/2005 12:29	-----	1.0	1.5
1123	05/12/2005 12:29	-----	0.7	0.8
1124	05/12/2005 12:29	-----	1.0	2.3
1125	05/12/2005 12:30	-----	0.8	1.0
1126	05/12/2005 12:30	-----	1.2	1.8
1127	05/12/2005 12:30	-----	1.3	2.0
1128	05/12/2005 12:30	-----	0.8	1.0
1129	05/12/2005 12:31	-----	1.4	2.3

1130	05/12/2005 12:31	-----	1.4	2.1
1131	05/12/2005 12:31	-----	1.0	1.5
1132	05/12/2005 12:31	-----	1.0	1.4
1133	05/12/2005 12:32	-----	0.8	1.2
1134	05/12/2005 12:32	-----	1.3	2.0
1135	05/12/2005 12:32	-----	1.4	1.9
1136	05/12/2005 12:32	-----	0.9	1.3
1137	05/12/2005 12:33	-----	1.1	1.4
1138	05/12/2005 12:33	-----	1.3	2.2
1139	05/12/2005 12:33	-----	0.9	1.2
1140	05/12/2005 12:33	-----	0.8	1.2
1141	05/12/2005 12:34	-----	1.2	1.7
1142	05/12/2005 12:34	-----	1.2	1.6
1143	05/12/2005 12:34	-----	0.9	1.2
1144	05/12/2005 12:34	-----	0.7	0.9
1145	05/12/2005 12:35	-----	0.9	1.1
1146	05/12/2005 12:35	-----	0.7	1.1
1147	05/12/2005 12:35	-----	0.6	0.7
1148	05/12/2005 12:35	-----	0.6	0.7
1149	05/12/2005 12:36	-----	0.6	0.6
1150	05/12/2005 12:36	-----	1.0	2.4
1151	05/12/2005 12:36	-----	0.8	1.7
1152	05/12/2005 12:36	-----	1.4	2.1
1153	05/12/2005 12:37	-----	1.5	2.2
1154	05/12/2005 12:37	-----	1.2	2.1
1155	05/12/2005 12:37	-----	0.8	1.3
1156	05/12/2005 12:37	-----	1.1	1.7
1157	05/12/2005 12:38	-----	1.2	1.5
1158	05/12/2005 12:38	-----	1.2	1.9
1159	05/12/2005 12:38	-----	1.1	1.5
1160	05/12/2005 12:38	-----	1.2	1.7
1161	05/12/2005 12:39	-----	1.4	2.0
1162	05/12/2005 12:39	-----	1.2	1.7
1163	05/12/2005 12:39	-----	1.3	1.7
1164	05/12/2005 12:39	-----	1.5	1.9
1165	05/12/2005 12:40	-----	1.1	1.4
1166	05/12/2005 12:40	-----	1.5	2.3
1167	05/12/2005 12:40	-----	1.5	2.2
1168	05/12/2005 12:40	-----	1.3	1.8
1169	05/12/2005 12:41	-----	1.0	1.3
1170	05/12/2005 12:41	-----	0.8	1.5
1171	05/12/2005 12:41	-----	1.3	2.2
1172	05/12/2005 12:41	-----	1.1	1.4
1173	05/12/2005 12:42	-----	1.1	1.9
1174	05/12/2005 12:42	-----	1.1	2.0
1175	05/12/2005 12:42	-----	1.0	1.8
1176	05/12/2005 12:42	-----	1.5	2.9
1177	05/12/2005 12:43	-----	1.2	1.9
1178	05/12/2005 12:43	-----	1.0	2.1
1179	05/12/2005 12:43	-----	1.0	1.3
1180	05/12/2005 12:43	-----	1.3	1.7
1181	05/12/2005 12:44	-----	1.1	1.9
1182	05/12/2005 12:44	-----	0.7	1.0
1183	05/12/2005 12:44	-----	0.8	1.9
1184	05/12/2005 12:44	-----	1.0	1.5
1185	05/12/2005 12:45	-----	1.3	1.7
1186	05/12/2005 12:45	-----	1.1	1.4
1187	05/12/2005 12:45	-----	1.4	2.0
1188	05/12/2005 12:45	-----	1.2	1.6
1189	05/12/2005 12:46	-----	1.4	2.3

1190	05/12/2005 12:46	-----	1.3	1.7
1191	05/12/2005 12:46	-----	1.3	1.7
1192	05/12/2005 12:46	-----	1.4	2.3
1193	05/12/2005 12:47	-----	1.2	1.8
1194	05/12/2005 12:47	-----	1.2	1.8
1195	05/12/2005 12:47	-----	1.0	1.3
1196	05/12/2005 12:47	-----	1.4	1.8
1197	05/12/2005 12:48	-----	1.1	1.3
1198	05/12/2005 12:48	-----	1.3	2.7
1199	05/12/2005 12:48	-----	1.3	2.1
1200	05/12/2005 12:48	-----	1.1	1.8
1201	05/12/2005 12:49	-----	0.9	1.2
1202	05/12/2005 12:49	-----	1.0	1.7
1203	05/12/2005 12:49	-----	0.9	1.5
1204	05/12/2005 12:49	-----	0.8	1.5
1205	05/12/2005 12:50	-----	0.7	0.8
1206	05/12/2005 12:50	-----	1.2	3.2
1207	05/12/2005 12:50	-----	0.7	0.9
1208	05/12/2005 12:50	-----	0.9	1.9
1209	05/12/2005 12:51	-----	1.2	2.1
1210	05/12/2005 12:51	-----	1.2	1.9
1211	05/12/2005 12:51	-----	1.3	2.0
1212	05/12/2005 12:51	-----	1.2	2.1
1213	05/12/2005 12:52	-----	1.3	1.8
1214	05/12/2005 12:52	-----	1.2	2.0
1215	05/12/2005 12:52	-----	0.9	1.3
1216	05/12/2005 12:52	-----	1.2	1.5
1217	05/12/2005 12:53	-----	1.2	1.8
1218	05/12/2005 12:53	-----	0.9	1.4
1219	05/12/2005 12:53	-----	1.2	1.5
1220	05/12/2005 12:53	-----	0.8	0.9
1221	05/12/2005 12:54	-----	0.9	1.4
1222	05/12/2005 12:54	-----	1.1	1.4
1223	05/12/2005 12:54	-----	0.9	1.5
1224	05/12/2005 12:54	-----	1.1	1.6
1225	05/12/2005 12:55	-----	1.0	1.4
1226	05/12/2005 12:55	-----	1.2	1.9
1227	05/12/2005 12:55	-----	1.3	1.8
1228	05/12/2005 12:55	-----	1.1	1.4
1229	05/12/2005 12:56	-----	0.8	0.8
1230	05/12/2005 12:56	-----	1.0	1.6
1231	05/12/2005 12:56	-----	0.9	1.0
1232	05/12/2005 12:56	-----	0.9	1.3
1233	05/12/2005 12:57	-----	1.2	1.8
1234	05/12/2005 12:57	-----	1.1	1.7
1235	05/12/2005 12:57	-----	0.7	0.8
1236	05/12/2005 12:57	-----	0.7	0.8
1237	05/12/2005 12:58	-----	0.8	1.6
1238	05/12/2005 12:58	-----	1.0	1.6
1239	05/12/2005 12:58	-----	1.1	1.4
1240	05/12/2005 12:58	-----	1.1	1.8
1241	05/12/2005 12:59	-----	1.1	1.4
1242	05/12/2005 12:59	-----	1.1	1.4
1243	05/12/2005 12:59	-----	1.6	2.8
1244	05/12/2005 12:59	-----	1.4	2.3
1245	05/12/2005 13:00	-----	0.9	1.3
1246	05/12/2005 13:00	-----	1.0	1.7
1247	05/12/2005 13:00	-----	1.2	1.9
1248	05/12/2005 13:00	-----	1.4	2.1
1249	05/12/2005 13:01	-----	1.2	1.7

1250	05/12/2005 13:01	-----	1.2	1.9
1251	05/12/2005 13:01	-----	1.3	1.7
1252	05/12/2005 13:01	-----	1.4	2.3
1253	05/12/2005 13:02	-----	1.2	1.7
1254	05/12/2005 13:02	-----	1.3	2.2
1255	05/12/2005 13:02	-----	0.9	1.5
1256	05/12/2005 13:02	-----	0.8	0.9
1257	05/12/2005 13:03	-----	1.6	2.3
1258	05/12/2005 13:03	-----	1.2	1.7
1259	05/12/2005 13:03	-----	0.9	1.4
1260	05/12/2005 13:03	-----	1.1	1.4
1261	05/12/2005 13:04	-----	1.1	1.6
1262	05/12/2005 13:04	-----	1.4	2.1
1263	05/12/2005 13:04	-----	1.2	1.6
1264	05/12/2005 13:04	-----	1.2	2.1
1265	05/12/2005 13:05	-----	1.1	1.3
1266	05/12/2005 13:05	-----	1.6	2.2
1267	05/12/2005 13:05	-----	0.9	1.5
1268	05/12/2005 13:05	-----	0.7	0.8
1269	05/12/2005 13:06	-----	0.7	0.8
1270	05/12/2005 13:06	-----	0.6	0.7
1271	05/12/2005 13:06	-----	0.6	0.7
1272	05/12/2005 13:06	-----	0.7	0.7
1273	05/12/2005 13:07	-----	0.6	0.7
1274	05/12/2005 13:07	-----	0.6	0.7
1275	05/12/2005 13:07	-----	0.6	0.7
1276	05/12/2005 13:07	-----	0.6	0.7
1277	05/12/2005 13:08	-----	0.6	0.7
1278	05/12/2005 13:08	-----	0.6	0.7
1279	05/12/2005 13:08	-----	0.6	0.7
1280	05/12/2005 13:08	-----	0.8	1.1
1281	05/12/2005 13:09	-----	1.0	1.6
1282	05/12/2005 13:09	-----	1.2	2.3
1283	05/12/2005 13:09	-----	1.2	1.5
1284	05/12/2005 13:09	-----	1.2	1.6
1285	05/12/2005 13:10	-----	1.0	1.4
1286	05/12/2005 13:10	-----	0.7	0.8
1287	05/12/2005 13:10	-----	0.9	2.0
1288	05/12/2005 13:10	-----	1.2	1.8
1289	05/12/2005 13:11	-----	1.3	1.8
1290	05/12/2005 13:11	-----	0.8	1.4
1291	05/12/2005 13:11	-----	1.0	1.5
1292	05/12/2005 13:11	-----	1.3	2.1
1293	05/12/2005 13:12	-----	1.1	1.6
1294	05/12/2005 13:12	-----	1.3	2.2
1295	05/12/2005 13:12	-----	1.1	1.6
1296	05/12/2005 13:12	-----	1.0	1.3
1297	05/12/2005 13:13	-----	1.3	1.7
1298	05/12/2005 13:13	-----	1.3	2.0
1299	05/12/2005 13:13	-----	1.2	1.4
1300	05/12/2005 13:13	-----	1.1	1.4
1301	05/12/2005 13:14	-----	1.2	1.6
1302	05/12/2005 13:14	-----	1.2	1.7
1303	05/12/2005 13:14	-----	1.0	1.5
1304	05/12/2005 13:14	-----	1.0	1.5
1305	05/12/2005 13:15	-----	1.3	1.5
1306	05/12/2005 13:15	-----	1.1	1.3
1307	05/12/2005 13:15	-----	0.9	1.2
1308	05/12/2005 13:15	-----	1.1	1.3
1309	05/12/2005 13:16	-----	1.0	1.3

1310	05/12/2005 13:16	-----	1.3	1.8
1311	05/12/2005 13:16	-----	0.8	1.2
1312	05/12/2005 13:16	-----	0.7	1.0
1313	05/12/2005 13:17	-----	1.2	1.6
1314	05/12/2005 13:17	-----	1.2	2.0
1315	05/12/2005 13:17	-----	1.2	1.7
1316	05/12/2005 13:17	-----	0.8	0.9
1317	05/12/2005 13:18	-----	0.7	0.8
1318	05/12/2005 13:18	-----	0.6	0.7
1319	05/12/2005 13:18	-----	0.8	1.4
1320	05/12/2005 13:18	-----	1.0	1.5
1321	05/12/2005 13:19	-----	1.3	2.0
1322	05/12/2005 13:19	-----	1.2	1.7
1323	05/12/2005 13:19	-----	1.0	1.6
1324	05/12/2005 13:19	-----	0.7	0.9
1325	05/12/2005 13:20	-----	0.7	0.7
1326	05/12/2005 13:20	-----	0.7	0.7
1327	05/12/2005 13:20	-----	1.1	2.0
1328	05/12/2005 13:20	-----	1.4	1.9
1329	05/12/2005 13:21	-----	1.1	1.7
1330	05/12/2005 13:21	-----	0.9	1.2
1331	05/12/2005 13:21	-----	0.8	1.4
1332	05/12/2005 13:21	-----	1.2	1.6
1333	05/12/2005 13:22	-----	1.0	1.3
1334	05/12/2005 13:22	-----	1.3	1.7
1335	05/12/2005 13:22	-----	1.2	1.7
1336	05/12/2005 13:22	-----	1.0	1.2
1337	05/12/2005 13:23	-----	1.0	1.4
1338	05/12/2005 13:23	-----	0.8	1.1
1339	05/12/2005 13:23	-----	0.9	1.2
1340	05/12/2005 13:23	-----	0.8	1.0
1341	05/12/2005 13:24	-----	1.0	1.4
1342	05/12/2005 13:24	-----	1.1	1.5
1343	05/12/2005 13:24	-----	1.0	1.3
1344	05/12/2005 13:24	-----	1.1	1.5
1345	05/12/2005 13:25	-----	0.7	0.8
1346	05/12/2005 13:25	-----	0.8	1.3
1347	05/12/2005 13:25	-----	0.7	0.8
1348	05/12/2005 13:25	-----	0.7	0.7
1349	05/12/2005 13:26	-----	0.6	0.7
1350	05/12/2005 13:26	-----	0.6	0.7
1351	05/12/2005 13:26	-----	0.6	0.7
1352	05/12/2005 13:26	-----	0.7	1.0
1353	05/12/2005 13:27	-----	0.9	1.3
1354	05/12/2005 13:27	-----	1.3	1.9
1355	05/12/2005 13:27	-----	1.4	1.8
1356	05/12/2005 13:27	-----	1.1	1.4
1357	05/12/2005 13:28	-----	1.1	1.6
1358	05/12/2005 13:28	-----	1.2	1.5
1359	05/12/2005 13:28	-----	1.1	1.5
1360	05/12/2005 13:28	-----	1.0	1.4
1361	05/12/2005 13:29	-----	0.8	1.1
1362	05/12/2005 13:29	-----	1.0	1.8
1363	05/12/2005 13:29	-----	1.0	1.4
1364	05/12/2005 13:29	-----	1.0	1.5
1365	05/12/2005 13:30	-----	0.9	1.1
1366	05/12/2005 13:30	-----	0.8	1.4
1367	05/12/2005 13:30	-----	0.8	1.4
1368	05/12/2005 13:30	-----	0.9	1.3
1369	05/12/2005 13:31	-----	1.2	1.9

1370	05/12/2005 13:31	-----	1.0	1.4
1371	05/12/2005 13:31	-----	0.9	1.1
1372	05/12/2005 13:31	-----	0.8	1.1
1373	05/12/2005 13:32	-----	1.0	1.4
1374	05/12/2005 13:32	-----	1.0	1.8
1375	05/12/2005 13:32	-----	1.0	1.3
1376	05/12/2005 13:32	-----	1.0	1.4
1377	05/12/2005 13:33	-----	0.9	1.0
1378	05/12/2005 13:33	-----	0.9	1.4
1379	05/12/2005 13:33	-----	0.9	1.4
1380	05/12/2005 13:33	-----	1.2	1.5
1381	05/12/2005 13:34	-----	0.8	1.4
1382	05/12/2005 13:34	-----	0.7	0.8
1383	05/12/2005 13:34	-----	1.1	1.5
1384	05/12/2005 13:34	-----	1.0	1.7
1385	05/12/2005 13:35	-----	1.0	1.3
1386	05/12/2005 13:35	-----	0.9	1.3
1387	05/12/2005 13:35	-----	1.3	1.8
1388	05/12/2005 13:35	-----	1.0	1.3
1389	05/12/2005 13:36	-----	1.1	1.5
1390	05/12/2005 13:36	-----	1.1	1.3
1391	05/12/2005 13:36	-----	1.0	1.5
1392	05/12/2005 13:36	-----	1.1	1.6
1393	05/12/2005 13:37	-----	1.0	1.5
1394	05/12/2005 13:37	-----	1.2	1.6
1395	05/12/2005 13:37	-----	1.4	2.1
1396	05/12/2005 13:37	-----	0.7	0.9
1397	05/12/2005 13:38	-----	0.6	0.7
1398	05/12/2005 13:38	-----	0.7	0.8
1399	05/12/2005 13:38	-----	0.6	0.7
1400	05/12/2005 13:38	-----	0.6	0.7
1401	05/12/2005 13:39	-----	0.6	0.7
1402	05/12/2005 13:39	-----	0.6	0.7
1403	05/12/2005 13:39	-----	0.6	0.7
1404	05/12/2005 13:39	-----	0.6	0.6
1405	05/12/2005 13:40	-----	0.6	0.6
1406	05/12/2005 13:40	-----	0.6	0.6
1407	05/12/2005 13:40	-----	0.6	0.6
1408	05/12/2005 13:40	-----	1.1	2.1
1409	05/12/2005 13:41	-----	0.9	1.1
1410	05/12/2005 13:41	-----	1.2	1.6
1411	05/12/2005 13:41	-----	1.4	2.1
1412	05/12/2005 13:41	-----	1.3	2.2
1413	05/12/2005 13:42	-----	1.3	2.0
1414	05/12/2005 13:42	-----	0.9	1.1
1415	05/12/2005 13:42	-----	0.7	0.8
1416	05/12/2005 13:42	-----	0.7	0.7
1417	05/12/2005 13:43	-----	0.7	1.1
1418	05/12/2005 13:43	-----	1.2	1.9
1419	05/12/2005 13:43	-----	1.1	1.6
1420	05/12/2005 13:43	-----	0.9	1.7
1421	05/12/2005 13:44	-----	0.8	1.0
1422	05/12/2005 13:44	-----	0.7	0.8
1423	05/12/2005 13:44	-----	0.6	0.7
1424	05/12/2005 13:44	-----	0.6	0.7
1425	05/12/2005 13:45	-----	0.6	0.7
1426	05/12/2005 13:45	-----	0.6	0.6
1427	05/12/2005 13:45	-----	0.6	0.6
1428	05/12/2005 13:45	-----	0.6	0.7
1429	05/12/2005 13:46	-----	1.0	1.7

1430	05/12/2005 13:46	-----	1.1	1.8
1431	05/12/2005 13:46	-----	1.0	1.5
1432	05/12/2005 13:46	-----	0.9	1.7
1433	05/12/2005 13:47	-----	0.7	1.1
1434	05/12/2005 13:47	-----	1.2	2.0
1435	05/12/2005 13:47	-----	0.9	1.2
1436	05/12/2005 13:47	-----	1.0	1.5
1437	05/12/2005 13:48	-----	0.7	0.7
1438	05/12/2005 13:48	-----	0.7	1.0
1439	05/12/2005 13:48	-----	1.0	1.5
1440	05/12/2005 13:48	-----	1.0	2.2
1441	05/12/2005 13:49	-----	0.7	0.9
1442	05/12/2005 13:49	-----	1.0	1.3
1443	05/12/2005 13:49	-----	0.9	1.9
1444	05/12/2005 13:49	-----	1.0	1.7
1445	05/12/2005 13:50	-----	0.9	1.5
1446	05/12/2005 13:50	-----	0.7	1.1
1447	05/12/2005 13:50	-----	1.1	1.9
1448	05/12/2005 13:50	-----	1.0	1.3
1449	05/12/2005 13:51	-----	0.9	1.1
1450	05/12/2005 13:51	-----	0.8	1.1
1451	05/12/2005 13:51	-----	0.9	1.4
1452	05/12/2005 13:51	-----	1.2	2.1
1453	05/12/2005 13:52	-----	1.4	2.1
1454	05/12/2005 13:52	-----	1.0	1.8
1455	05/12/2005 13:52	-----	1.1	1.7
1456	05/12/2005 13:52	-----	1.1	1.5
1457	05/12/2005 13:53	-----	1.0	1.5
1458	05/12/2005 13:53	-----	0.9	1.5
1459	05/12/2005 13:53	-----	1.0	1.4
1460	05/12/2005 13:53	-----	0.9	1.1
1461	05/12/2005 13:54	-----	0.8	1.1
1462	05/12/2005 13:54	-----	0.9	1.3
1463	05/12/2005 13:54	-----	0.9	1.3
1464	05/12/2005 13:54	-----	0.9	1.3
1465	05/12/2005 13:55	-----	1.1	1.5
1466	05/12/2005 13:55	-----	1.1	1.4
1467	05/12/2005 13:55	-----	1.0	1.6
1468	05/12/2005 13:55	-----	0.9	1.3
1469	05/12/2005 13:56	-----	0.8	1.1
1470	05/12/2005 13:56	-----	1.1	1.4
1471	05/12/2005 13:56	-----	0.9	1.3
1472	05/12/2005 13:56	-----	1.1	1.3
1473	05/12/2005 13:57	-----	0.9	1.4
1474	05/12/2005 13:57	-----	0.7	1.0
1475	05/12/2005 13:57	-----	0.9	1.4
1476	05/12/2005 13:57	-----	0.7	1.2
1477	05/12/2005 13:58	-----	1.1	1.5
1478	05/12/2005 13:58	-----	1.3	1.6
1479	05/12/2005 13:58	-----	0.9	1.3
1480	05/12/2005 13:58	-----	0.8	1.5
1481	05/12/2005 13:59	-----	0.9	1.4
1482	05/12/2005 13:59	-----	0.9	1.1
1483	05/12/2005 13:59	-----	0.9	1.4
1484	05/12/2005 13:59	-----	1.2	1.9
1485	05/12/2005 14:00	-----	1.1	2.3
1486	05/12/2005 14:00	-----	0.7	1.2
1487	05/12/2005 14:00	-----	0.7	1.1
1488	05/12/2005 14:00	-----	1.0	1.5
1489	05/12/2005 14:01	-----	1.5	2.2

1490	05/12/2005 14:01	-----	1.2	1.6
1491	05/12/2005 14:01	-----	0.9	1.6
1492	05/12/2005 14:01	-----	0.9	1.2
1493	05/12/2005 14:02	-----	0.8	1.0
1494	05/12/2005 14:02	-----	0.7	1.0
1495	05/12/2005 14:02	-----	1.1	2.6
1496	05/12/2005 14:02	-----	1.0	1.5
1497	05/12/2005 14:03	-----	1.4	2.6
1498	05/12/2005 14:03	-----	0.8	1.4
1499	05/12/2005 14:03	-----	0.8	1.1
1500	05/12/2005 14:03	-----	0.9	1.1
1501	05/12/2005 14:04	-----	1.1	1.8
1502	05/12/2005 14:04	-----	1.4	1.8
1503	05/12/2005 14:04	-----	1.0	1.7
1504	05/12/2005 14:04	-----	1.1	1.9
1505	05/12/2005 14:05	-----	0.7	0.8
1506	05/12/2005 14:05	-----	1.1	2.1
1507	05/12/2005 14:05	-----	0.9	1.2
1508	05/12/2005 14:05	-----	0.7	0.9
1509	05/12/2005 14:06	-----	0.8	1.3
1510	05/12/2005 14:06	-----	1.0	1.5
1511	05/12/2005 14:06	-----	0.9	1.6
1512	05/12/2005 14:06	-----	1.2	1.7
1513	05/12/2005 14:07	-----	1.2	1.8
1514	05/12/2005 14:07	-----	1.3	1.7
1515	05/12/2005 14:07	-----	0.7	0.8
1516	05/12/2005 14:07	-----	0.6	0.7
1517	05/12/2005 14:08	-----	0.6	0.7
1518	05/12/2005 14:08	-----	0.7	1.4
1519	05/12/2005 14:08	-----	1.1	1.7
1520	05/12/2005 14:08	-----	1.0	1.6
1521	05/12/2005 14:09	-----	1.0	1.5
1522	05/12/2005 14:09	-----	1.1	1.9
1523	05/12/2005 14:09	-----	1.2	1.5
1524	05/12/2005 14:09	-----	1.2	1.5
1525	05/12/2005 14:10	-----	0.9	1.5
1526	05/12/2005 14:10	-----	1.3	1.8
1527	05/12/2005 14:10	-----	1.2	1.7
1528	05/12/2005 14:10	-----	0.9	1.2
1529	05/12/2005 14:11	-----	0.8	1.1
1530	05/12/2005 14:11	-----	0.8	1.1
1531	05/12/2005 14:11	-----	0.7	0.8
1532	05/12/2005 14:11	-----	0.7	0.8
1533	05/12/2005 14:12	-----	0.7	0.7
1534	05/12/2005 14:12	-----	0.6	0.7
1535	05/12/2005 14:12	-----	0.6	0.7
1536	05/12/2005 14:12	-----	0.6	0.7
1537	05/12/2005 14:13	-----	0.7	0.8
1538	05/12/2005 14:13	-----	0.6	0.7
1539	05/12/2005 14:13	-----	0.6	0.9
1540	05/12/2005 14:13	-----	0.8	1.0
1541	05/12/2005 14:14	-----	0.8	1.1
1542	05/12/2005 14:14	-----	1.0	1.4
1543	05/12/2005 14:14	-----	0.7	0.9
1544	05/12/2005 14:14	-----	0.7	0.8
1545	05/12/2005 14:15	-----	0.7	0.8
1546	05/12/2005 14:15	-----	1.1	2.5
1547	05/12/2005 14:15	-----	1.0	1.6
1548	05/12/2005 14:15	-----	1.4	2.9
1549	05/12/2005 14:16	-----	0.8	1.5

1550	05/12/2005 14:16	-----	0.7	1.0
1551	05/12/2005 14:16	-----	0.6	0.7
1552	05/12/2005 14:16	-----	0.6	0.7
1553	05/12/2005 14:17	-----	0.6	0.7
1554	05/12/2005 14:17	-----	0.6	0.7
1555	05/12/2005 14:17	-----	0.6	0.7
1556	05/12/2005 14:17	-----	0.6	0.7
1557	05/12/2005 14:18	-----	0.6	0.7
1558	05/12/2005 14:18	-----	0.6	0.7
1559	05/12/2005 14:18	-----	0.6	0.7
1560	05/12/2005 14:18	-----	0.6	0.7
1561	05/12/2005 14:19	-----	0.6	0.6
1562	05/12/2005 14:19	-----	0.6	0.7
1563	05/12/2005 14:19	-----	0.6	0.7
1564	05/12/2005 14:19	-----	0.6	0.7
1565	05/12/2005 14:20	-----	0.7	1.0
1566	05/12/2005 14:20	-----	0.7	0.8
1567	05/12/2005 14:20	-----	0.7	1.1
1568	05/12/2005 14:20	-----	0.7	0.8
1569	05/12/2005 14:21	-----	1.0	1.8
1570	05/12/2005 14:21	-----	1.0	2.0
1571	05/12/2005 14:21	-----	0.7	1.0
1572	05/12/2005 14:21	-----	0.7	0.9
1573	05/12/2005 14:22	-----	0.7	0.9
1574	05/12/2005 14:22	-----	0.6	0.8
1575	05/12/2005 14:22	-----	0.6	0.7
1576	05/12/2005 14:22	-----	0.6	0.7
1577	05/12/2005 14:23	-----	0.6	0.7
1578	05/12/2005 14:23	-----	0.6	0.6
1579	05/12/2005 14:23	-----	0.6	0.6
1580	05/12/2005 14:23	-----	0.6	0.7
1581	05/12/2005 14:24	-----	0.6	0.7
1582	05/12/2005 14:24	-----	0.6	0.7
1583	05/12/2005 14:24	-----	0.6	0.7
1584	05/12/2005 14:24	-----	0.8	1.1
1585	05/12/2005 14:25	-----	0.6	0.8
1586	05/12/2005 14:25	-----	0.6	0.6
1587	05/12/2005 14:25	-----	0.6	0.7
1588	05/12/2005 14:25	-----	0.6	0.7
1589	05/12/2005 14:26	-----	0.6	0.8
1590	05/12/2005 14:26	-----	0.6	0.7
1591	05/12/2005 14:26	-----	0.6	0.7
1592	05/12/2005 14:26	-----	0.6	0.7
1593	05/12/2005 14:27	-----	0.6	0.7
1594	05/12/2005 14:27	-----	0.6	0.7
1595	05/12/2005 14:27	-----	0.6	0.7
1596	05/12/2005 14:27	-----	0.6	0.6
1597	05/12/2005 14:28	-----	0.6	0.7
1598	05/12/2005 14:28	-----	0.6	0.6
1599	05/12/2005 14:28	-----	0.6	0.6
1600	05/12/2005 14:28	-----	0.6	0.7
1601	05/12/2005 14:29	-----	0.6	0.7
1602	05/12/2005 14:29	-----	0.6	0.7
1603	05/12/2005 14:29	-----	0.6	0.7
1604	05/12/2005 14:29	-----	0.7	0.8
1605	05/12/2005 14:30	-----	0.6	0.8
1606	05/12/2005 14:30	-----	0.6	0.7
1607	05/12/2005 14:30	-----	0.6	0.7
1608	05/12/2005 14:30	-----	0.7	1.1
1609	05/12/2005 14:31	-----	0.7	0.8

1610	05/12/2005 14:31	-----	0.7	0.8
1611	05/12/2005 14:31	-----	0.6	0.7
1612	05/12/2005 14:31	-----	0.6	0.8
1613	05/12/2005 14:32	-----	0.7	0.8
1614	05/12/2005 14:32	-----	0.9	1.2
1615	05/12/2005 14:32	-----	0.9	1.1
1616	05/12/2005 14:32	-----	0.7	0.9
1617	05/12/2005 14:33	-----	0.7	0.9
1618	05/12/2005 14:33	-----	0.7	0.8
1619	05/12/2005 14:33	-----	0.6	0.7
1620	05/12/2005 14:33	-----	0.6	0.7
1621	05/12/2005 14:34	-----	0.6	0.7
1622	05/12/2005 14:34	-----	0.7	1.0
1623	05/12/2005 14:34	-----	0.8	1.0
1624	05/12/2005 14:34	-----	1.2	1.3
1625	05/12/2005 14:35	-----	1.1	1.7
1626	05/12/2005 14:35	-----	1.1	1.7
1627	05/12/2005 14:35	-----	0.9	1.1
1628	05/12/2005 14:35	-----	0.9	1.2
1629	05/12/2005 14:36	-----	1.0	1.2
1630	05/12/2005 14:36	-----	0.9	1.1
1631	05/12/2005 14:36	-----	0.7	1.1
1632	05/12/2005 14:36	-----	0.6	0.6
1633	05/12/2005 14:37	-----	0.5	0.6

APPENDIX D

COPY OF WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y R 0 0 0 0 4 4 9 0 9

Manifest Doc. No. 1 6 9 2 8

2. Page 1 of 1

3. Generator's Name and Mailing Address
MARCON ERECTORS
1 HOWELL STREET
BUFFALO, NY 14207

4. Generator's Phone ( ) (716) 856-5636

5. Transporter 1 Company Name: ASHLAND DISTRIBUTION COMPANY

6. US EPA ID Number: N Y D 0 4 9 2 5 3 7 1 9

A. Transporter's Phone: 607 723-5256

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
VEISER TECHNOLOGY INC.
995 WEST SMITH ROAD
MEDINA, OH 44256

10. US EPA ID Number: O H D 0 7 7 7 7 2 8 9 5

C. Facility's Phone: 877 721-7712

11. Waste Shipping Name and Description			12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. SPENT PURGE WATER RCRA AND DOT NON-REGULATED MATERIAL	03-5332	VEX	001	DM	00050	G
b. SPENT SOIL RCRA AND DOT NON-REGULATED MATERIAL	03-5333	VEX	014	DM	07000	P
c. SPENT WASTE DEBRI RCRA & DOT NON REGULATED MATERIAL	03-5751	VEX	003	DM	00150	P
d.						

D. Additional Descriptions for Materials Listed Above

A.) Water 95%, Dirt .5%

B.) Soil 100%

C.) Plastic sheeting, PPE, wipes, rags, etc 100%

D.)

E. Handling Codes for Wastes Listed Above

A.) T B.) L C.) L D.) L

15. Special Handling Instructions and Additional Information

A.) B.) C.) D.)

Hazardous materials response information present " ES " Every spill, release or incident must be reported to 1-800-274-5263. "This is to certify that the herein named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to applicable regulations of the department of transportation.

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: x Colin Wasteneys as agent for Ashland
Signature: x [signature]
Month Day Year: 06 29 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Eric Sorry Berger
Signature: [signature]
Month Day Year: 06 29 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name
Signature
Month Day Year

GENERATOR / TRANSPORTER / FACILITY

ORIGINAL – RETURN TO GENERATOR

APPENDIX E

PETROLEUM FINGERPRINT ANALYSIS LABORATORY REPORT

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

June 6, 2005

Steven Moeller and Martha DeLozier, Project Managers
URS Corp.
77 Goodell St. Fl. 4
Buffalo, NY 14203-1205

Dear Mr. Moeller and Ms. DeLozier:

Included are the results from the testing of material submitted on May 17, 2005 from the 37679487.05400, F&BI 505168 project. The product sample submitted for forensic evaluation arrived in good condition. Upon arrival, the sample FP-1 was placed in a refrigerator maintained at 4°C until removed for sample processing.

The sample FP-1 was diluted and analyzed using a gas chromatograph with a flame ionization detector (GC/FID) and an electron capture detector (ECD). The data generated yielded information on the boiling range and general chemical composition of the material present. The GC/FID and GC/ECD traces are enclosed. A GC/FID trace of a standard consisting of normal alkanes is also provided for reference purposes.

Review of the data generated shows that the material present in the sample FP-1 is indicative of a petroleum and chlorinated solvent mixture. This sample may also include aromatics and Stoddard solvent or similar materials. This sample does not appear to contain typical fuels such as diesel fuel or lube oil.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kurt Johnson
Chemist

Enclosures
NAA0606R.DOC

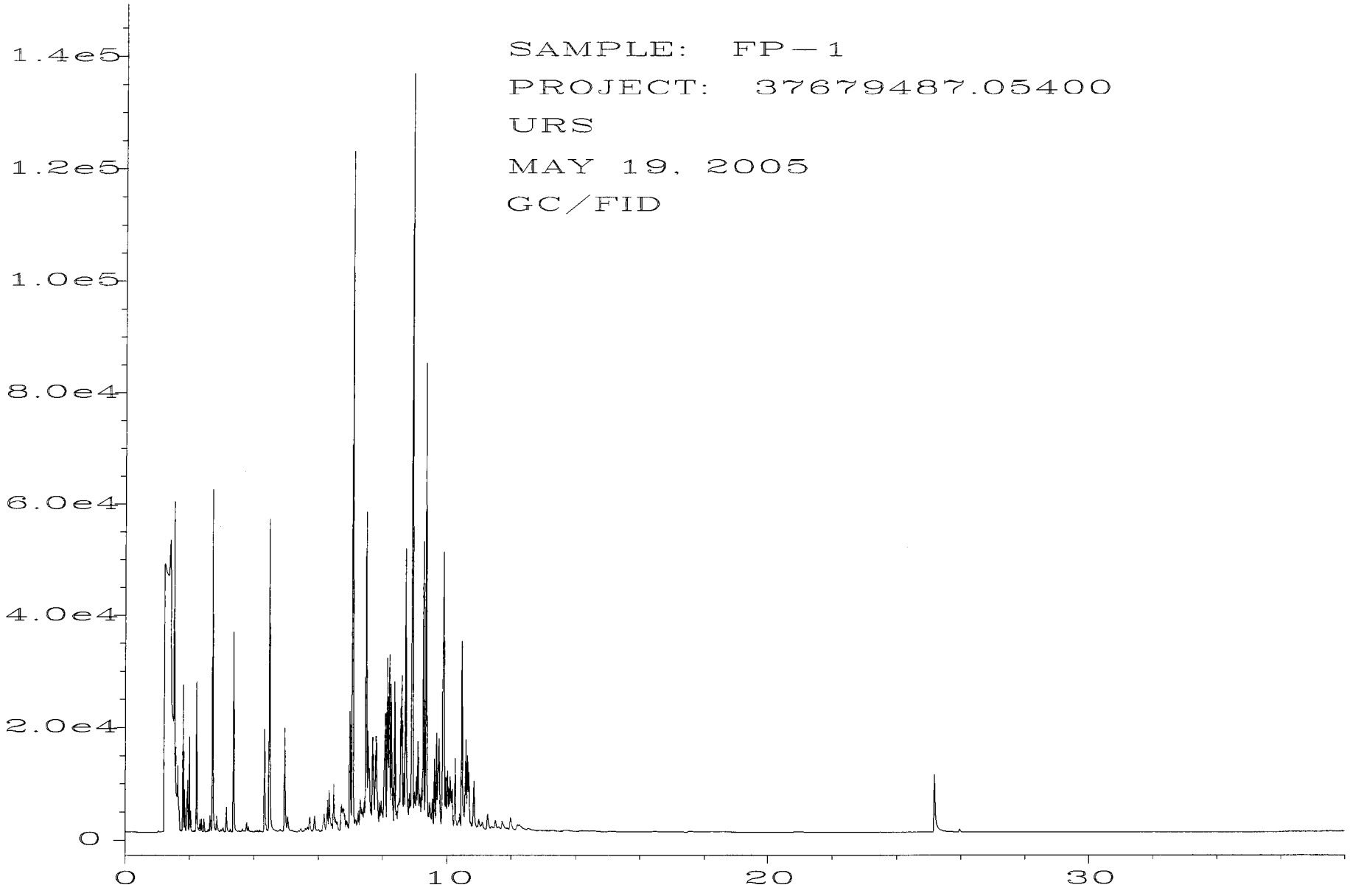
FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

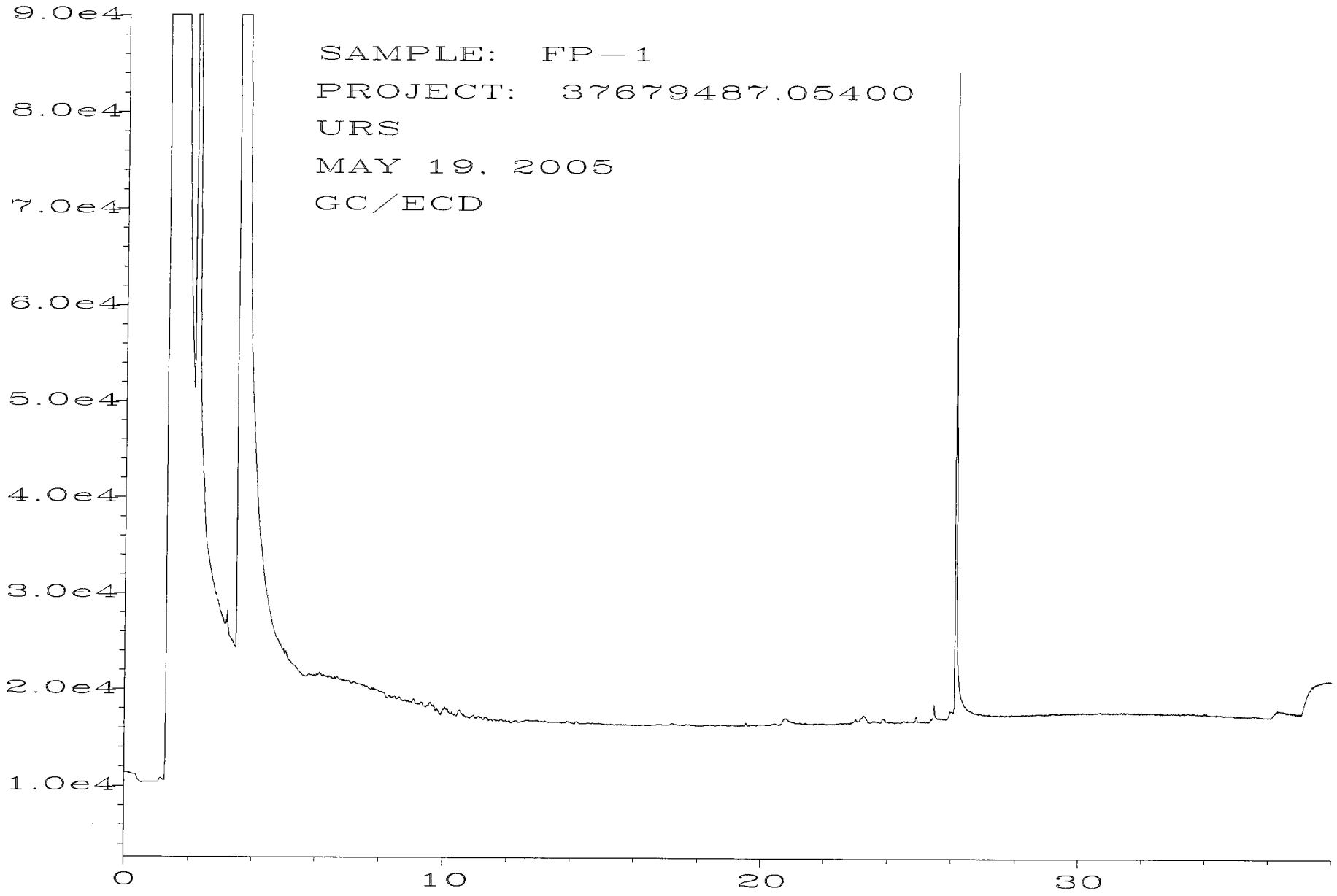
Date of Report: 06/06/05
Date Received: 05/17/05
Project: 37679487.05400, F&BI 505168
Date Extracted: 05/19/05
Date Analyzed: 05/19/05

RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE FOR FORENSIC EVALUATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID) AND ELECTRON CAPTURE DETECTOR (ECD)

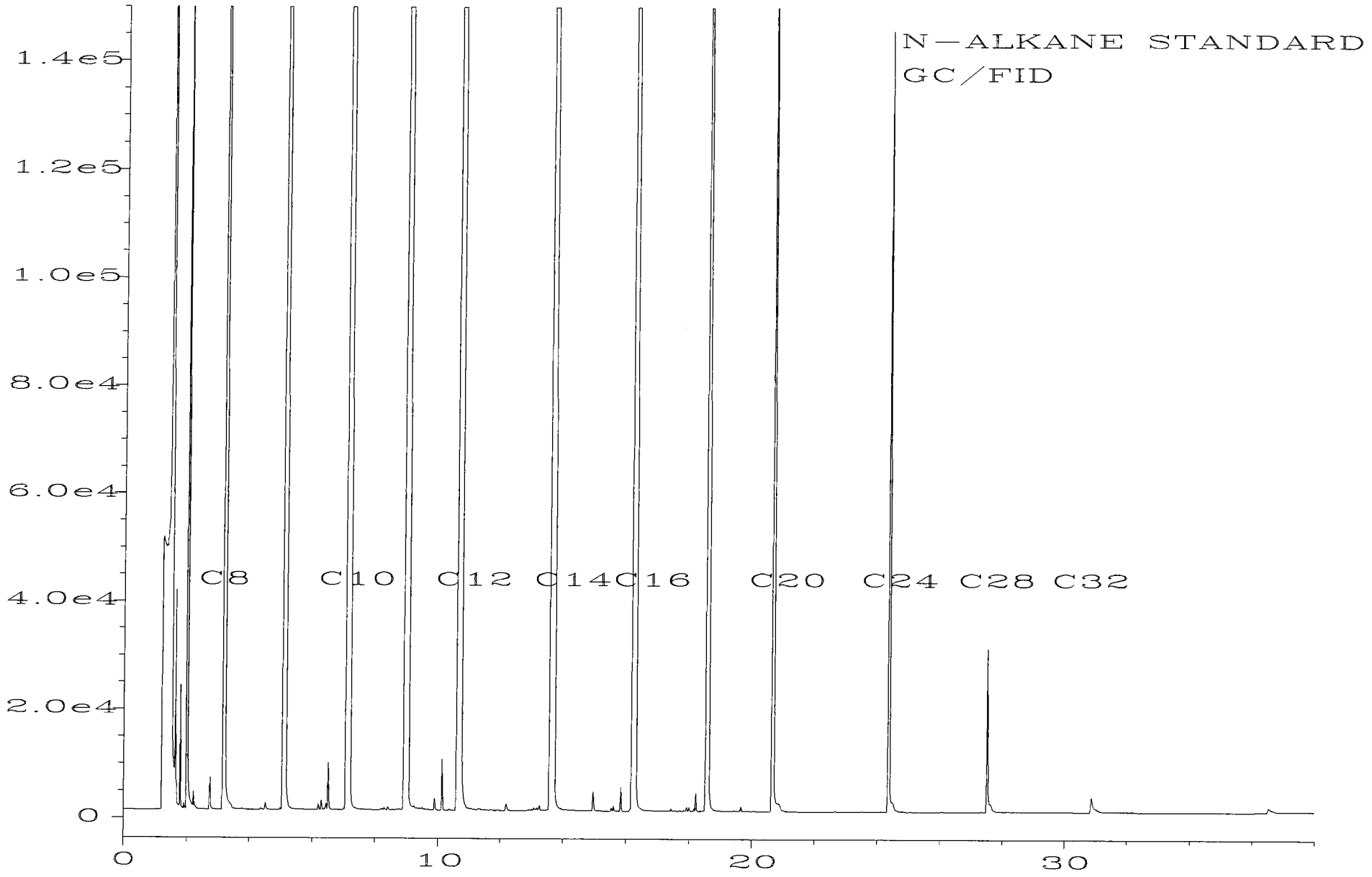
Sample ID	GC Characterization
FP-1	The GC trace using the flame ionization detector (FID) showed the presence of low boiling compounds. The patterns displayed by these peaks are indicative of a petroleum and chlorinated solvent mixture. This sample may also include aromatics and Stoddard solvent or similar materials. The low to medium boiling compounds appear as an irregular pattern of peaks on top of a small hump or unresolved complex mixture (UCM). This material elutes from n-C_8 to n-C_{13} showing a maximum near n-C_{11}. This correlates with a temperature range of approximately 130°C to 240°C with a maximum near 200°C. The GC/ECD trace of the sample shows the presence of peaks eluting before 4 minutes. The presence of these peaks indicates that halogenated compounds are likely present in this sample. The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis. There is a second surrogate present that is seen on the GC/ECD trace at about 26 minutes which is dibutyl chlorendate.



Sig. 1 in C:\HPCHEM\1\DATA\05-19-05\005F0201.D



Sig. 2 in C:\HPCHEM\1\DATA\05-19-05\005R0201.D



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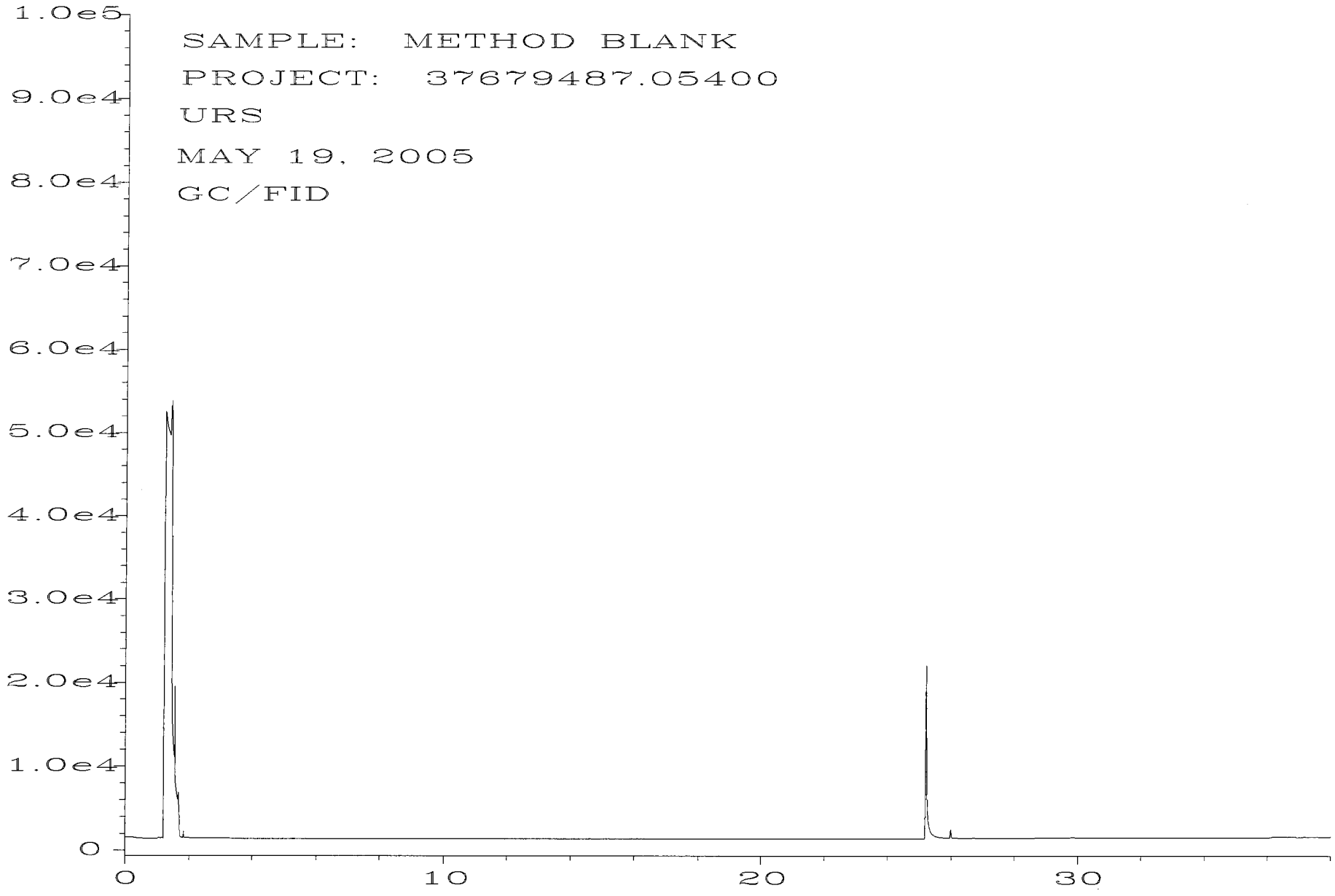

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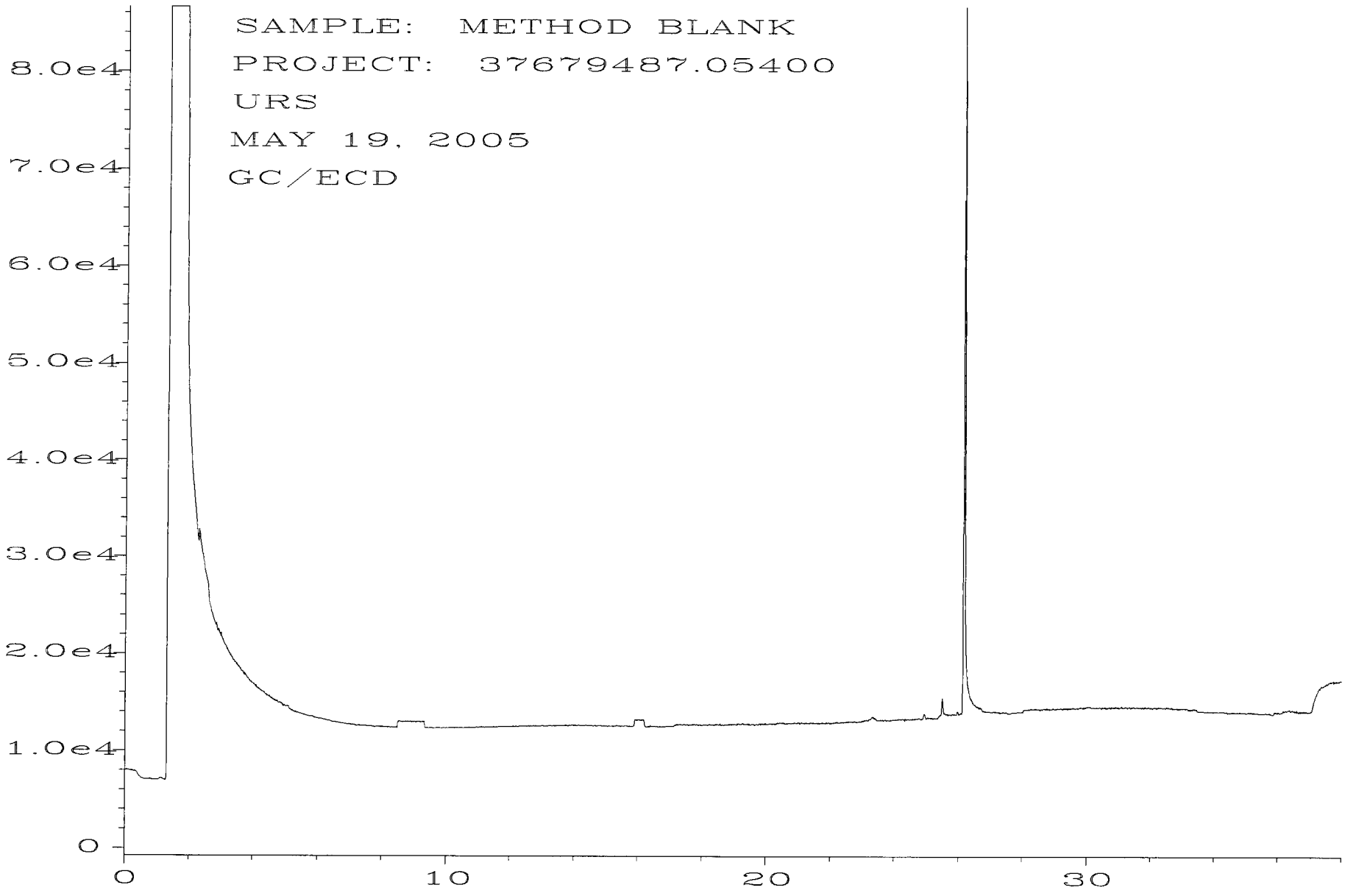

Sig. 2 in C:\HPCHEM\1\DATA\05-19-05\002R0201.D

505168

MC 05-17-05

B02

CHAIN OF CUSTODY RECORD

URS

PROJECT NO.	SITE NAME
37679487.05400	Ashland - Marion Erectors

SAMPLERS (PRINT/SIGNATURE): Colin Wasteneys / Colin Wasteneys

DELIVERY SERVICE: FED EX 850773400984 AIRBILL NO.:

LAB: Friedman & Bruya

COOLER 1 of 1

PAGE 1 of 1

TESTS: Product fingerprint analysis

BOTTLE TYPE AND PRESERVATIVE: 8oz glass

Lab ID	LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO.# OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (HARMS)
01	fill port	5/11/05	1333	Grab	FP-1	LF	1	Fill Port PID= 1,000 FID= 3,000	N1	—	—	000A

G.W.

MATRIX CODES	AA - AMBIENT AIR SE - SEDIMENT SH - HAZARDOUS SOLID WASTE	SL - SLUDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND WATER SO - SOIL DC - DRILL CUTTINGS	WL - LEACHATE GS - SOIL GAS WC - DRILLING WATER	WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC	LH - HAZARDOUS LIQUID WASTE LF - FLOATING/FREE PRODUCT ON GW TABLE	EW
SAMPLE TYPE CODES	TB# - TRIP BLANK SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE MS# - MATRIX SPIKE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)			

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
Colin Wasteneys	5-16-05	16:00			
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME
			[signature]	5/17/05	09:30

SPECIAL INSTRUCTIONS

URS Contact:

Dave Blauschield
URS-Dublin, OH
T: (614) 790-4803
F: (614) 790-6232

Distribution: Original accompanies shipment, copy to coordinator field files

URSF-075C/1 OF 1/ColCR/GCM