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Nancy E. Gensky

ARCADIS Principal-in-Charge

Many & Greeky

David Bessingpas

David Bessingpas

ARCADIS Project Manager

E. Michael Flynn

ARCADIS Field Manager

Interim Remedial Measure (IRM) Soil Removal Final Engineering Report

1 West Main Street Property Beacon, New York

Prepared for:
Central Hudson Gas & Electric
Corporation

Prepared by: ARCADIS 465 New Karner Road First Floor Albany New York 12205-3839 Tel 518.452.7826 Fax 518.452.7086

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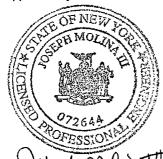
IRM Soil Removal Final Engineering Report

1 West Main Street Property Beacon, New York

Certification

I, Joseph Molina III, P.E., am a Professional Engineer registered in the State of New York, and am employed by ARCADIS. To the best of my knowledge and based on my inquiry of those individuals involved in the implementation of the Interim Remedial Measure (IRM) soil removal activities at the 1 West Main Street property in Beacon, New York, I hereby certify that the IRM soil removal activities were completed in substantial accordance with the requirements presented in the following documents:

- Interim Remedial Measure (IRM) Work Plan (ARCADIS BBL, December 2006), which was approved by the New York State Department of Environmental Protection (NYSDEC) on March 7, 2007
- Site Operations Plan (True Blue Environmental Services, August 2007), which was approved by the NYSDEC on August 7, 2007



Joseph Molina III, P.E. New York State P.E. No. 072644 1/31/08 Date

ARCADIS 295 Woodcliff Drive, 3rd Floor, Suite 301 Fairport, NY 14450 Tel 585.385.0090

IRM Soil Removal Final Engineering Report

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1. Introduction

1.1 General

This Interim Remedial Measure (IRM) Soil Removal Final Engineering Report has been prepared by ARCADIS, on behalf of Central Hudson Gas and Electric Corporation (CHGE), and summarizes the IRM soil removal activities performed at the 1 West Main Street property in Beacon, New York (the site; Figures 1 and 2). This IRM included the removal and off-site disposal of visually impacted soils located southeast and east of the Dorel Building on the subject property, which were identified during the Phase I/II investigation activities conducted by Metro-North Commuter Railroad Co. (M-NR; the current property owner) between July 2005 and May 2006. The impacted soils were assumed to contain manufactured gas plant (MGP) tars associated with CHGE's former Beacon MGP site located east of the 1 West Main Street property (Site #314069, Figure 2).

The IRM soil removal activities were conducted in accordance with the following documents:

- Interim Remedial Measure (IRM) Work Plan (IRM Work Plan; ARCADIS BBL, December 2006), which was approved by the New York State Department of Environmental Conservation (NYSDEC) in a letter to CHGE dated March 27, 2007
- Site Operations Plan (SOP; True Blue Environmental Services [True Blue], August 2007), which was approved by the NYSDEC on August 7, 2007

1.2 Site Description

The 1 West Main Street property is approximately 4.1 acres in size, with an approximately 32,000 square foot building located in the southern portion of the property. According to the *Modified Phase-1 Environmental Site Assessment Report* (Phase I Report; YU & Associates, Inc. [YU], September 2005), the building was reportedly formerly used for office space, assembly, sales, and warehousing. A grass covered area surrounds the building and an asphalt-paved parking lot covers the northern half of the property. A contractor storage area is located in the northwest corner of the property. A fenced area located in the east-central portion of the property is used by an adjacent auto body shop to store vehicles. The southeastern portion of the property is covered with trees and high brush (*Phase II ESA Project Status Report*, Day Engineering, P.C. [DAY], December 2005).

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1.3 Project Team

CHGE retained True Blue Environmental Services (True Blue) as the Remediation Contractor for the IRM soil removal activities. True Blue retained the following subcontractors:

- Dennis E. Walden, Land Surveyor (New York License No. 49555) Conducted pre- and post-IRM survey activities.
- Kearns Electric of Wallkill, New York Removed an electrical transformer located within the soil removal area, and installed a new transformer following completion of the soil removal activities.

ARCADIS was retained by CHGE as the Remediation Engineer to provide construction oversight during the IRM soil removal activities. In addition, the NYSDEC had an onsite representative during the IRM soil removal activities providing oversight on behalf of the NYSDEC.

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2. Summary of IRM Soil Removal Activities

The majority of the IRM soil removal activities (i.e., soil removal, backfilling, and a portion of the restoration activities) were completed between August 6 and September 14, 2007. However, some additional restoration activities (e.g., installation of electrical transformer) were completed after September 14, 2007, and were ultimately completed on November 30, 2007. Weekly progress reports for the IRM soil removal activities (from August 6 through September 14, 2007) are provided in Attachment 1.

The primary elements of the IRM soil removal activities included the following:

- Pre-mobilization submittals
- Mobilization and site preparation
- Soil removal
- Soil handling and disposal
- Backfilling
- Water management and treatment
- Community air monitoring
- Restoration and demobilization

Each of these activities is discussed below.

2.1 Pre-Mobilization Submittals

Prior to mobilizing equipment to the site, the following documents were prepared by True Blue and submitted to CHGE and the NYSDEC:

- A Community Air Monitoring Plan (CAMP) was submitted to the NYSDEC on July 23, 2007. The CAMP outlined volatile organic compound (VOC) and particulate monitoring requirements and action levels. The New York State Department of Health (NYSDOH) approved the CAMP on July 23, 2007.
- A site-specific Health and Safety Plan (HASP) was submitted to the NYSDEC on July 23, 2007. The HASP described procedures to be implemented to keep the site and workers safe during implementation of the IRM soil removal activities.

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 After addressing/several rounds of NYSDEC comments, a final version of the SOP was submitted to the NYSDEC on August 3, 2007. The SOP provided details regarding how the IRM soil removal activities would be conducted. NYSDEC approved the SOP on August 7, 2007.

2.2 Mobilization and Site Preparation

Prior to initiating soil removal, True Blue performed the following mobilization and site preparation activities:

- Identified and marked-out existing above-ground and underground utilities within the work area
- Excavated test pits to evaluate subsurface conditions within the soil removal area and anticipated dewatering requirements
- Obtained a wastewater discharge permit from the City of Beacon (Attachment 2)
- Mobilized personnel, equipment and supplies to the site
- Cleared vegetation and debris to facilitate the soil removal activities
- Identified and established work zones and air monitoring locations
- Constructed a stabilized construction entrance (polyethylene liner overlain by crushed stone and surrounded by hay bales) to the soil removal area that was also utilized as an anti-tracking pad and equipment cleaning area
- Installed silt fencing to minimize the potential for migration of soil to and from the
 work area, and installed filter fabric beneath on-site catch basins (the catch basin
 near the temporary water treatment system [TWTS] was later lined with plastic
 sheeting and surrounded by a soil berm, as requested by the NYSDEC)
- Set up an on-site TWTS and associated piping connections
- Installed temporary fencing at the site perimeter to limit unauthorized access to the work areas
- Removed two staircases providing access to the Dorel Building
- Performed pre-construction survey to document existing site conditions prior to the IRM soil removal activities (Attachment 3)
- Relocated electrical service and removed an existing transformer and utility pole on the eastern side of the Dorel Building

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2.3 Soil Removal

True Blue utilized two conventional excavators to remove soil from the targeted removal areas at the site. The majority of the soil removal and the loading of the trucks for off-site disposal were completed using a larger excavator. True Blue also utilized a smaller excavator to remove soil from along the building foundation and below an overhead electric line. The soil removal activities were initiated in the southern portion of the site (behind the Dorel Building) and continued to the north, along the east side of the Dorel Building. All truck loading activities were conducted in the northern portion of the soil removal area.

Within the soil removal area, tar-type materials were generally encountered in a stone/slag layer approximately 6 to 8 feet below ground surface (bgs). At approximately 8 feet bgs, a visibly clean native clay layer was observed. The native clay layer was fairly consistent across the entire removal area and, in general, the soil removal was considered complete when this material was encountered. Additional details regarding the soil removal are provided below (refer to Figure 3 for surveyed soil removal limits; pre- and post-construction certified survey drawings are provided in Attachment 3):

- True Blue initiated soil removal along the southern wall of the Dorel Building approximately 35 feet west of the southeast corner. From this point, soil removal progressed south towards TB-128 and TB-124. Initially, soils in this area were excavated to the top of bedrock (approximately 12 feet bgs). Following adequate dewatering, a clean clay layer was observed at approximately 8 feet bgs and served as the bottom of the excavation for the remainder of this area (and the remainder of the site). Visibly clean soils were observed along the western excavation sidewall in this area. Along the southwestern excavation sidewall (near TB-124), stiff, non-mobile tar-type material was encountered in the slag/stone layer approximately 6 to 8 feet bgs, but was not removed due to the presence of the steep slope in this area (this was discussed with and agreed to by the NYSDEC on August 15, 2007). Tar seeps were observed beneath the building foundation in the
- From near TB-124, the soil removal continued north towards MW-103. Along the southeastern excavation sidewall, small amounts of stiff, non-mobile tar-type material were left in place in the stone/slag layer at approximately 6 to 8 feet bgs. The presence of a high pressure sewer main and steep slope prohibited expanding the excavation to the southeast in this area. Monitoring well MW-103 was located

slag/stone layer approximately 6 to 8 feet bgs along the northern excavation

sidewall in this area.

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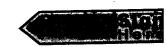
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- From near TB-124, the soil removal continued north towards MW-103. Along the southeastern excavation sidewall, small amounts of stiff, non-mobile tar-type material were left in place in the stone/slag layer at approximately 6 to 8 feet bgs. The presence of a high pressure sewer main and steep slope prohibited expanding the excavation to the southeast in this area. Monitoring well MW-103 was located

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sidewall in this area.

within the excavation limits (Figure 3), and was removed during the soil removal activities. Because the well was completely removed, it was not necessary to perform a typical well abandonment (e.g., tremie grouting).

- From the southeastern corner, the soil removal continued north, towards TB-119. Along the eastern excavation sidewall (between MW-103 and the southern edge of the "building jog"¹), small amounts of stiff, non-mobile impacted materials were left in place in the stone/slag layer approximately 6 to 8 feet bgs. The presence of a high pressure sewer main and steep slope prohibited expanding the excavation to the east in this area. Tar seeps were observed in the slag/stone layer approximately 6 to 8 feet bgs along the western excavation sidewall and along the southern and eastern edges of the building jog (beneath the building foundation). Tar seeps were also observed along the northern excavation sidewall and along the portion of the eastern excavation sidewall offset from the building jog (Figure 3).
- Because impacted soils were observed at the northern edge of the initially planned soil removal limits, the soil removal area was extended to the north. An approximately 20-foot wide area, located immediately north of the building jog, was not excavated because of the presence of a gas line (excavating soils within this buffer area would have required shutting down and depressurizing the gas line, which would have required replacing the line). The decision to leave the soils surrounding the gas line in place was discussed with and agreed to by the NYSDEC on September 5, 2007. The soil removal area was extended approximately 50 feet north of the building jog, where visibly clean soils were observed. Visibly clean soils were also observed along the eastern excavation sidewall in this area. Tar seeps were observed in the slag/stone layer approximately 6 to 8 feet bgs along the western excavation sidewall (beneath the building foundation) and along the southern excavation sidewall (northern edge of gas line buffer).

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¹ For the purpose of this report, the "building jog" refers to the approximately 20 feet by 40 feet section of the Dorel Building that extends out from the eastern building wall (Figures 2 and 3).

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1 West Main Street Property Beacon, New York

2.4 Soil Handling and Disposal

Excavated materials were temporarily stockpiled within the soil removal area for dewatering. If necessary, the excavated materials were mixed with drier soils to reduce the moisture content prior to loading. The dewatered soils were then loaded into trucks and transported off-site to ESMI of New York (located in Fort Edward) for disposal. A total of 3,307.43 tons of soil were transported off-site to ESMI. The following waste disposal information is provided in Attachment 4:

- Waste characterization sample data
- Waste manifest summary table
- Waste manifests
- Weight ticket summary from ESMI
- Certification of disposal from ESMI

2.5 Backfill

In general, the soil removal activities were conducted in cells, with each cell backfilled prior to excavating the next cell. Backfill materials included bank run sand and pond silt placed to within approximately 12 inches of original grade, followed by 12 inches of toam topsoil. The bank run sand was obtained from the ESMI (Jointa/Galusha) Quarry in Fort Edward, New York (2,493.34 tons). The pond silt was obtained from Westhook Sand & Gravel in Cross River, New York (787.84 tons). The loam topsoil was also obtained from Westhook Sand & Gravel (183.13 tons). A vibratory roller was used to compact the backfill material as it was placed (generally in 1 foot lifts). Backfill materials were stored in the parking lot north of the Dorel Building upon delivery to the site and prior to use.

Analytical results for the backfill materials are provided in Attachment 5. NYSDEC approval of the backfill materials was obtained on August 15, 2007.

Survey maps showing the pre- and post-construction grades within the soil removal area are provided in Attachment 3.

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2.6 Water Management and Treatment

During the soil removal activities, groundwater was typically encountered at 2 to 3 feet bgs. Groundwater was pumped from two dewatering sumps to lower the water table within the excavation and facilitate soil removal activities. The sumps consisted of 12-inch diameter perforated PVC pipe backfilled with 2-inch stone. The sumps were repositioned, as needed, as the soil removal progressed. Groundwater was pumped from the sumps using 3-inch electric submersible pumps, and was transmitted through 2- inch PVC piping to the on-site TWTS.

In addition to the groundwater, a significant volume of water was collected and treated from two separate leaks from an existing water line that supplies water to the Dorel Building's fire suppression system. On August 16, 2007, True Blue discovered the first leak from the fire suppression line. True Blue subsequently removed the leaking section of 6" ductile iron pipe and replaced it along with new fittings and fasteners on August 23, 2007. Upon returning to the site on August 27, 2007, it was discovered that the pipe was leaking from a second location. The second leak was repaired with new gaskets on August 30, 2007. The City of Beacon was notified of both leaks. The City shut of the water to the pipe, inspected the repairs, and restored water flow to the pipe following repair. The approximate location of the fire suppression system water line is shown on Figure 3.

The first component of the on-site TWTS consisted of a 20,000 gallon frac tank that was used as a temporary settling and storage tank. From the frac tank, water was pumped through a series of bag filters, which served as primary solids filtration, and finally through two granular activated carbon (GAC) canisters for dissolved constituent removal. In accordance with a permit from the City of Beacon (Attachment 2), treated effluent from the TWTS was discharged to the City of Beacon sanitary sewer system through an on-site manhole located at the northern end of the site. A total of 351,000 gallons of water was treated and discharged throughout the course of the project. A letter from the City of Beacon documenting the successful implementation of the discharge permit is provided in Attachment 6.

Prior to the discharge of water from the TWTS to the City of Beacon sanitary sewer system, a sample of the treated effluent was collected for various laboratory analyses specified in the discharge permit. The sample met all permit-specified discharge limits. A copy of the analytical data is provided in Attachment 7.

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2.7 Community Air Monitoring

In accordance with the CAMP, perimeter air monitoring for VOCs and particulates was conducted at four stations (Figure 3) during intrusive activities. Air monitoring data are provided in Attachment 8.

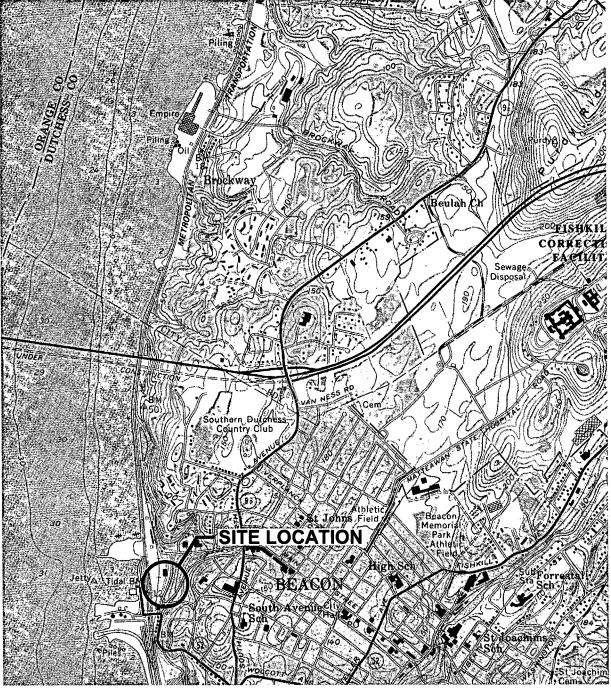
During the project there were measured VOC and particulate concentrations that exceeded the 15-minute average levels specified in the CAMP. However, these exceedances were either not sustainable over an extended period of time, determined to be associated with non-excavation-related sources (e.g., humidity, vehicle exhaust), or resulted from the loss of instrument calibration (i.e., exceedances were not present after re-calibrating the instrument). Based on the air monitoring results and visual/olfactory observations at the work-zone and site perimeter, no odor or dust control measures were performed during the project.

2.8 Restoration and Demobilization

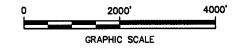
The following restoration and demobilization activities were conducted:

- Following completion of backfill and grading, all disturbed areas were seeded and covered with straw
- Two staircases on the eastern side of the Dorel Building that were removed prior to/during construction were replaced (a steel staircase was re-installed, and a new prefabricated concrete staircase was installed)
- A new transformer and underground electric line was installed, and the temporary above-ground service was removed
- A post-construction survey was performed (Attachment 3)
- The TWTS was dismantled, and treatment residuals (including spent GAC) were mixed with soil and sent off-site to ESMI for disposal
- All equipment, excess materials, and erosion/sedimentation controls were removed (all equipment was cleaned prior to demobilization)

Figures



FROM USGS WAPPINGERS FALLS, N.Y. QUADRANGLE PHOTOREVISED 1981



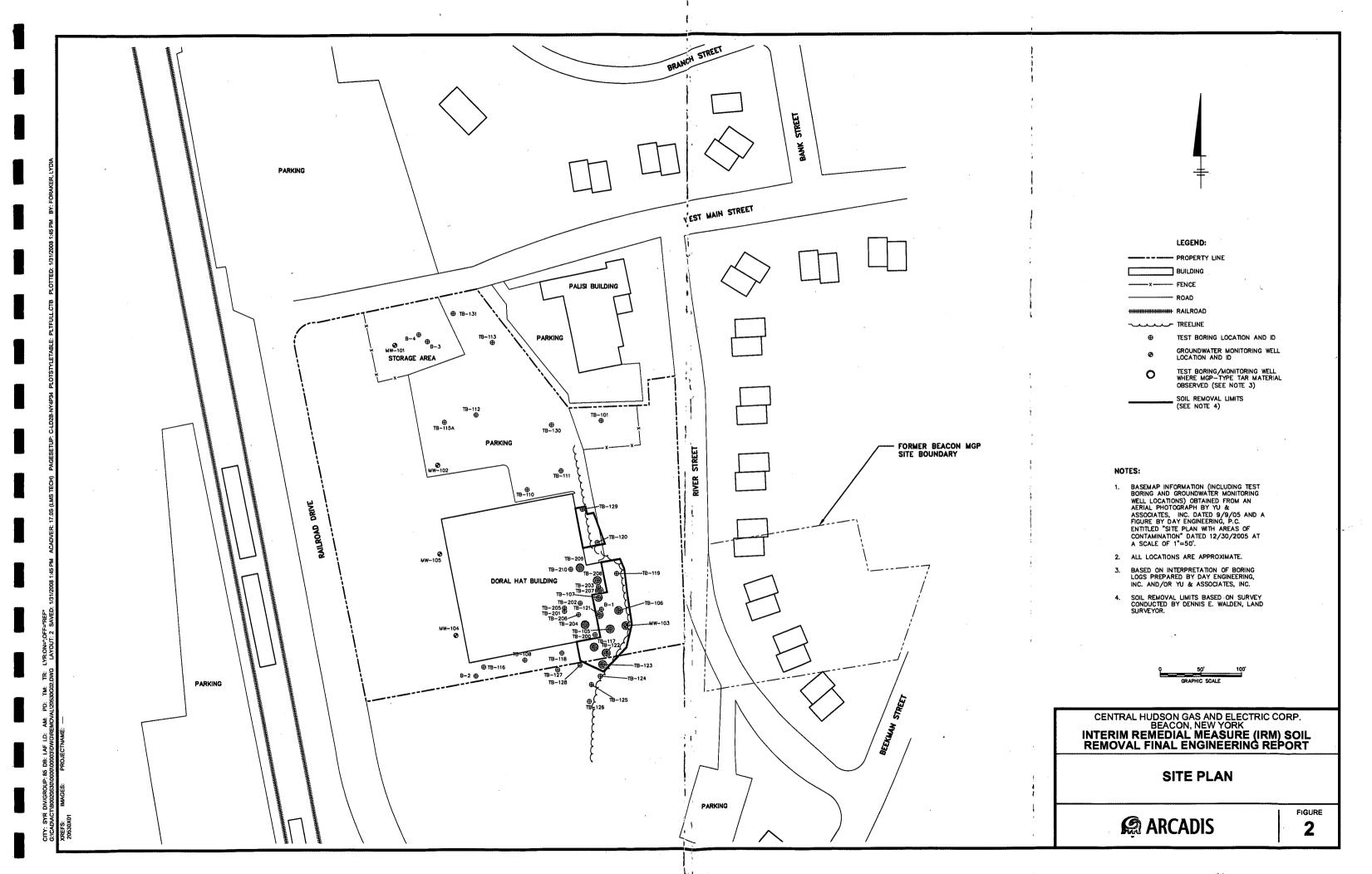


CENTRAL HUDSON GAS AND ELECTRIC CORP.
BEACON, NEW YORK
INTERIM REMEDIAL MEASURE (IRM) SOIL
REMOVAL FINAL ENGINEERING REPORT

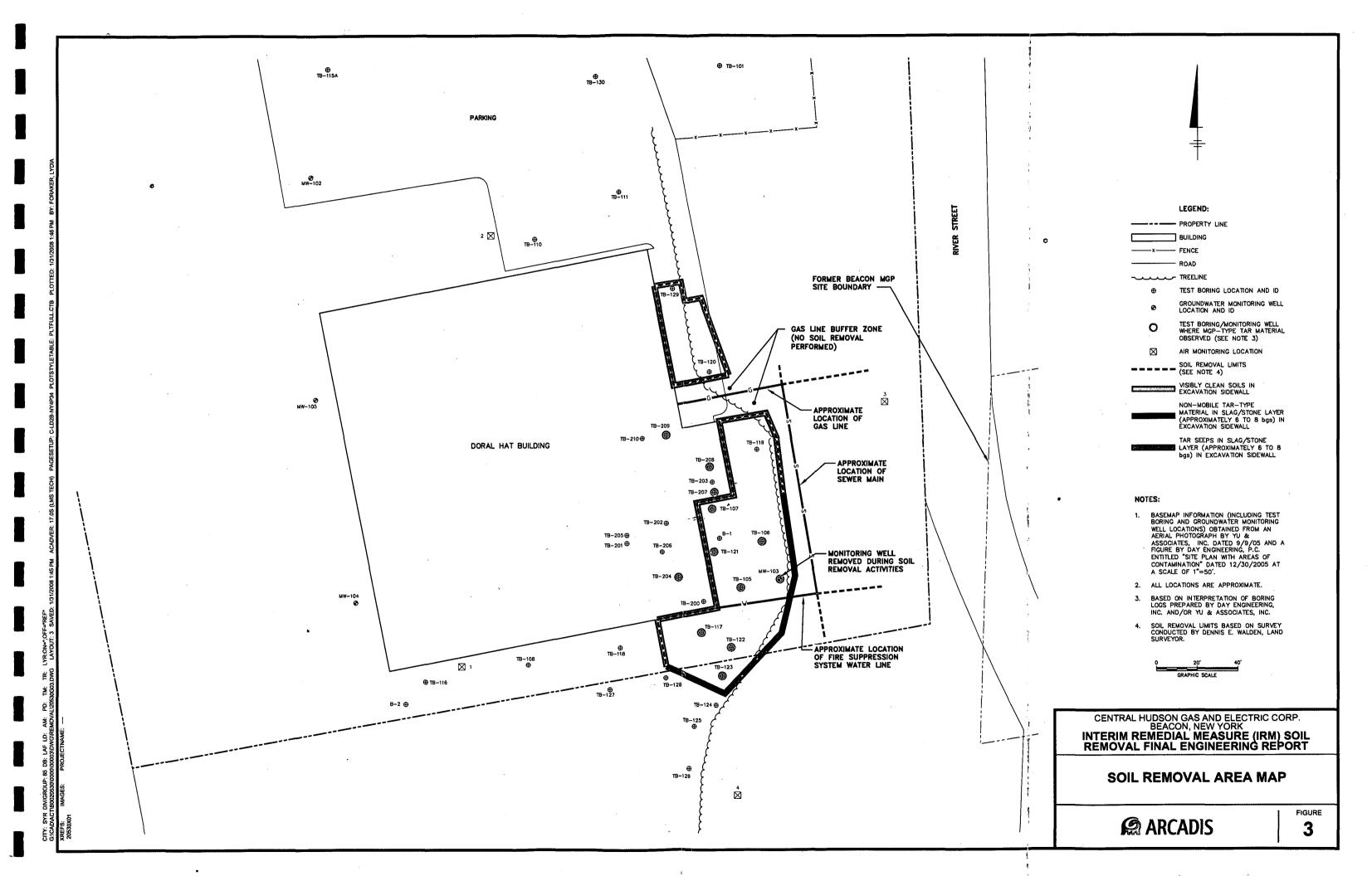
SITE LOCATION MAP



FIGURE



Non mobile tar
Tape mtl.
on adjactal
property



Attachments

Attachment 1

Weekly Progress Reports

August 6 – August 10, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York IRM Soil Removal Project Weekly Progress Report #1: 8/6/07 - 8/10/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of August 6, 2007 through August 10, 2007, as observed by E. Michael Flynn of ARCADIS BBL.

A. COMPLETED WORK/WORK IN PROGRESS

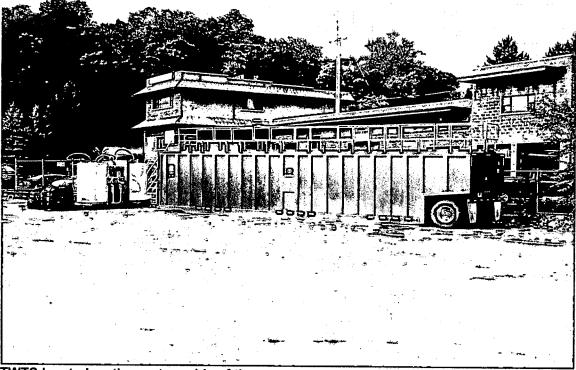
- 1. Representatives from CHGE, True Blue, ARCADIS BBL, and Ray Moreno (the current property owner) participated in a project kick-off meeting at the site on August 6, 2007
- 2. True Blue mobilized a temporary water treatment system (TWTS) consisting of a 20,000 gallon frac tank, bag filters, and carbon filters to the site on August 6, 2007. True Blue also mobilized an excavator and loader to the site, in addition to temporary fencing, pumps, hoses and various other equipment.
- 3. True Blue constructed a "truck tracking pad" and temporary roadway along the eastern side of the Dorel building on August 6, 2007. The tracking pad consisted of a poly liner that was covered with stone and surrounded by hay bales. The pad will be used to minimize the potential for the tracking of impacted soil from the site and will be used for truck decontamination, if necessary.
- 4. True Blue installed temporary chain link fencing around the excavation area to the south and east of the Dorel building, and along the northern and western property boundaries. At the request of the New York State Department of Environmental Conservation (NYSDEC), temporary chain-link fencing was also installed around the TWTS.
- 5. True Blue assembled the TWTS, including approximately 300 feet of PVC pipe for the inlet and outlet lines.
- 6. Representatives from CHGE removed a transformer and utility pole from the southeast corner of the Dorel building on August 7, 2007.
- 7. True Blue removed two staircases from the eastern side of the Dorel building. A steel staircase was removed and will be reinstalled upon completion of excavation activities. The second staircase, which was concrete, was demolished, and will be reconstructed.

- 8. True Blue installed erosion and sedimentation controls (silt fence) around the stormwater catch basins and excavation area.
- 9. True Blue conducted a pre-excavation topographic survey of the excavation area.
- 10. True Blue initiated excavation in the cell to the south of the Dorel building on August 9, 2007. True Blue initiated the offsite transportation and disposal of impacted soil on August 9, 2007. All excavated soil was transported to ESMI of New York. A total of 6 truckloads of material (approximately 180 tons) were transported offsite this week.
- 11. True Blue installed the first dewatering sump in the cell to the south of the Dorel building. The sump was installed to a depth of approximately 10' below ground surface (top of bedrock).
- 12. True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedances of the action level at the site perimeter.

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 8/13/07

- 1. Continue excavation in the southeastern corner of the Dorel building.
- 2. Continue offsite transportation and disposal of impacted material from the site.
- 3. Continue perimeter and work zone air monitoring for VOCs and particulates during intrusive activities.
- 4. install a second dewatering sump on the eastern side of the Dorel building.
- 5. Initiate dewatering from the excavation, and the onsite treatment and discharge of groundwater.

C. WEEKLY SITE PHOTOGRAPHS



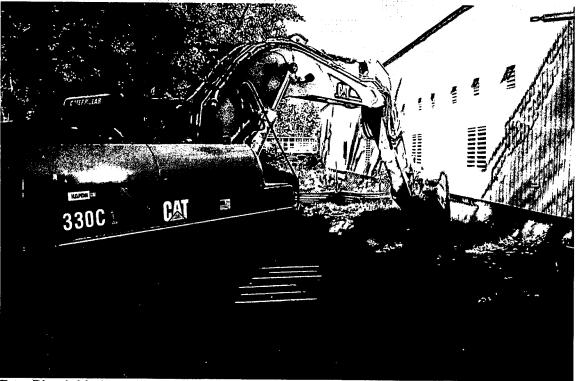
TWTS located on the eastern side of the property.



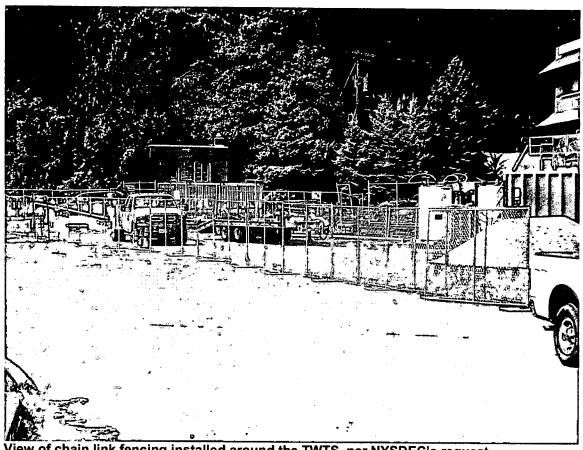
Anti-tracking pad located along the eastern side of the Dorel building, leading from the excavation area.



View of the southeast corner of the Dorel building after removal of the utility pole and transformer.



True Blue initiating excavation to the south of the Dorel building.



View of chain link fencing installed around the TWTS, per NYSDEC's request.

August 13 – August 17, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York IRM Soil Removal Project Weekly Progress Report #2: 08/13/07 – 08/17/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of August 13, 2007 through August 17, 2007, as observed by E. Michael Flynn of ARCADIS BBL.

A. COMPLETED WORK/WORK IN PROGRESS

- 1. True Blue continued excavation in the cell to the south of the Dorel building. The first part of the southern cell was excavated to a depth of approximately 12 feet below grade, where bedrock was encountered. The remainder of the cell has been excavated to a depth of approximately 8 feet below grade, where a clean native clay layer was encountered. True Blue has excavated approximately 80% of the southern cell as of August 17.
- 2. True Blue continued offsite transportation and disposal of excavated soil from the site. Excavated soil was transported to ESMI of New York. A total of 16 truckloads of material (approximately 480 tons) were transported offsite this week. A cumulative total of 22 truckloads (approximately 660 tons) have been transported offsite as of August 17.
- 3. True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedences of the action levels at the site perimeter this week.
- 4. True Blue continued to receive backfill material from the ESMI quarry in Fort Edward, NY. True Blue has continued to backfill the excavation daily in an effort to minimize the size of the open excavation. True Blue received 12 truckloads of backfill material this week and has received a total of 14 truckloads of backfill material as of August 17.
- 5. True Blue continued dewatering activities in the cell to the south of the Dorel building. True Blue has continued pumping water from the dewatering sump in the northwest corner of the southern cell to the onsite Temporary Water Treatment System (TWTS).
- True Blue initiated treatment of water through the TWTS and discharge of treated water
 to the City of Beacon sanitary sewer system via a catch basin in the northeastern corner
 of the property, near the TWTS. True Blue treated and discharged approximately 105,000
 gallons of water this week.

- 7. True Blue collected a sample of treated water from the TWTS on August 14, 2007. The sample was delivered by courier to Contest Laboratories of East Longmeadow, Massachusetts. The water sample will be analyzed for VOCs, SVOCs, metals, pH, BOD, and TSS, in accordance with the City of Beacon discharge permit.
- 8. A water supply line used to supply the fire suppression system for the Dorel building was observed to be leaking on August 16, 2007, after being partially uncovered by True Blue. True Blue contacted the City of Beacon water department who came to the site and turned off the water. CHGE contacted Ray Moreno (the current property owner) who visited the site to view the line and discuss the repair. True Blue informed Mr. Moreno that they would prefer to excavate the area around the line and reinstall the line after the soil removal was completed. Mr. Moreno agreed with the plan and informed ABBL and True Blue that he would notify his security firm that the line would be deactivated for several days. In addition, the City of Beacon fire department was notified that the fire suppression system was inactive.
- 9. True Blue mobilized a smaller excavator to the site on August 15, 2007 to assist with excavation under an electric wire located on the eastern side of the Dorel building. True Blue also mobilized a demolition hammer to the site and utilized the hammer to remove a concrete pad from the eastern side of the Dorel building.

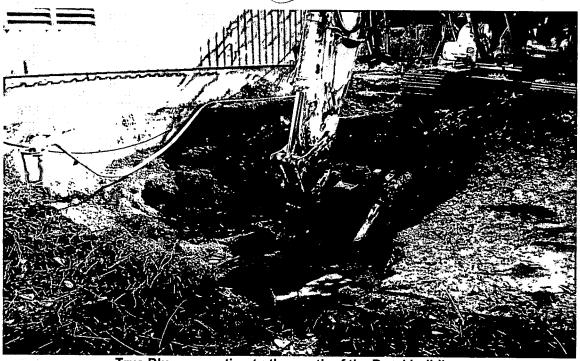
B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 8/20/07

- 1. Complete excavation in the southern corner of the Dorel building.
- 2. Initiate excavation in the cell to the east of the Dorel building.
- 3. Continue offsite transportation and disposal of impacted material from the site.
- 4. Continue perimeter and work zone air monitoring for VOCs and particulates during intrusive activities.
- 5. Continue dewatering the excavation, and onsite treatment and discharge of groundwater.
- 6. Repair the water line to the fire suppression system.

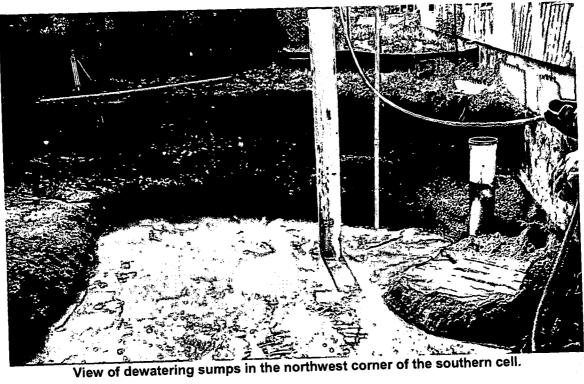
C. WEEKLY SITE PHOTOGRAPHS

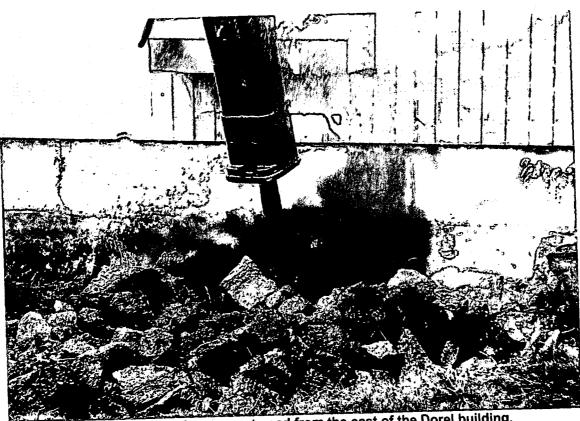


View of impacted material in the northwest corner of the southern cell.



True Blue excavating to the south of the Dorel building.

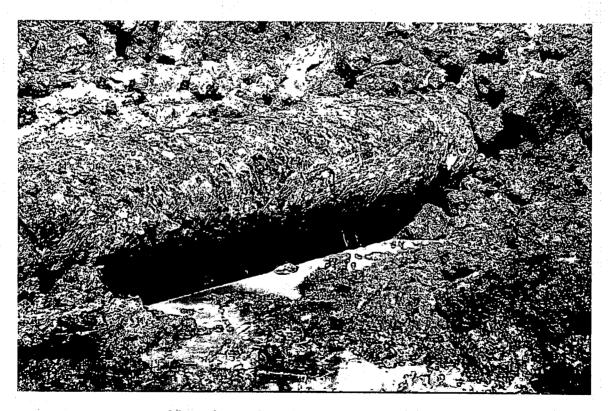




True Blue removing concrete pad from the east of the Dorel building.



View of water flowing through the excavation after the water line began leaking.



View of water line showing location of leak.

August 20 – August 24, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York IRM Soil Removal Project Weekly Progress Report #3: 08/20/07 - 08/24/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of August 20, 2007 through August 24, 2007, as observed by E. Michael Flynn of ARCADIS BBL.

A. COMPLETED WORK/WORK IN PROGRESS

- True Blue completed excavation in the southern cell and began excavation in the eastern cell on August 20, 2007. True Blue continued to excavate to a depth of 8' below grade, where a clean native clay layer was encountered. True Blue completed excavation of approximately 90% of the eastern cell as of August 24, 2007.
- True Blue continued offsite transportation and disposal of excavated soil from the site.
 Excavated soil was transported to ESMI of New York. A total of 37 truckloads of material (approximately 1,110 tons) were transported offsite this week. A cumulative total of 59 truckloads (approximately 1,770 tons) have been transported offsite as of August 24, 2007.
- 3. True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedences of the action levels at the site perimeter this week. Heavy rain occurred at the site on August 21, 2007 causing damage to one of the air monitoring stations (Station #2; north of Dorel building). True Blue was unable to log 15 minute average data from this station, but was able to manually record real-time readings every 15 minutes. NYSDEC was informed of the situation and agreed to allow work to proceed with this adjustment until True Blue can replace the damaged equipment.
- 4. True Blue continued to receive backfill material from the ESMI quarry in Fort Edward, NY. True Blue has continued to backfill the excavation daily in an effort to minimize the size of the open excavation. True Blue received 24 truckloads of backfill material this week and has received a total of 38 truckloads of backfill material as of August 24, 2007.

- 5. True Blue continued dewatering activities from the active excavation area. True Blue has begun moving the sumps to the open excavation rather than dewatering from the stationary sump in the northwest corner. True Blue has continued pumping water from the dewatering sumps to the onsite frac tanks and then, ultimately, through the Temporary Water Treatment System (TWTS).
- 6. True Blue continued the treatment of water through the TWTS and the discharge of treated water to the City of Beacon sanitary sewer system via a catch basin in the northeastern corner of the property, near the TWTS. True Blue treated and discharged approximately 55,000 gallons of water this week, and has discharged a cumulative total of 160,000 gallons as of August 24, 2007.
- True Blue received laboratory results from the August 14, 2007 water sample that was collected from the TWTS discharge. True Blue submitted these results to CHGE and ABBL on August 24, 2007.
- 8. True Blue repaired the water line that supplies the fire suppression system for the Dorel building on August 23, 2007. True Blue installed several sections of new 8-inch diameter ductile iron pipe and several new connections to complete the repair. In addition, True Blue installed several concrete blocks below the water line and around the 90 degree connection at the Dorel building to support and protect the line during backfill operations. The city of Beacon Water Department was onsite to inspect the repair and restore water to the repaired line on August 23, 2007.

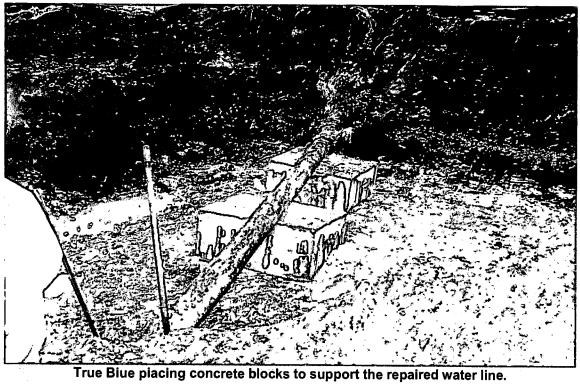
B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 8/20/07

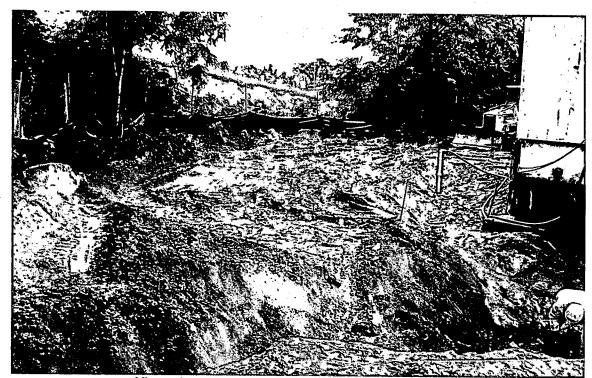
- 1. Complete excavation in the cell to the east of the Dorel building.
- 2. Complete offsite transportation and disposal of impacted material from the site.
- 3. Continue perimeter and work zone air monitoring for VOCs and particulates during intrusive activities.
- 4. Continue dewatering the excavation, and onsite treatment and discharge of groundwater.
- 5. Complete the placement and compaction of backfill in the excavation areas.
- 6. Initiate the installation of the underground electric line to the Dorel building.
- 7. Initiate final site restoration.

C. WEEKLY SITE PHOTOGRAPHS

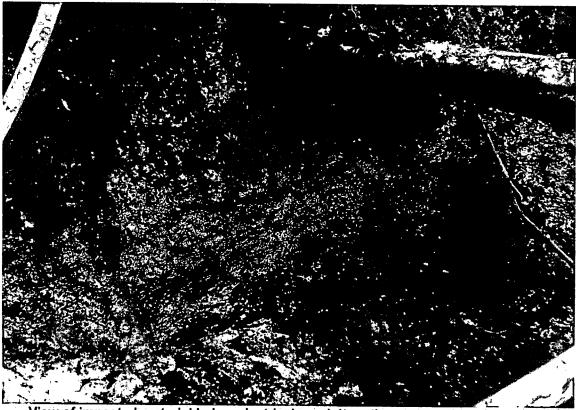


View of impacted material on the southern boundary of the excavation.





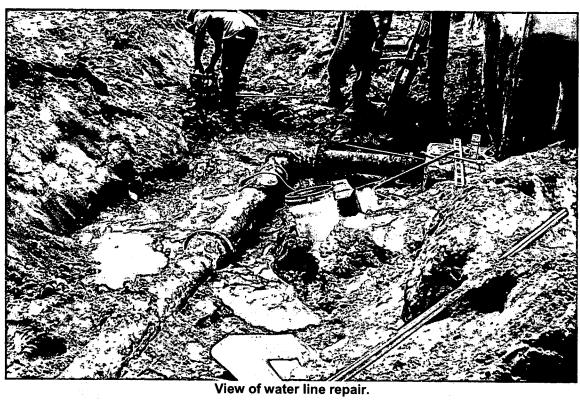
View of southern cell after backfill has been placed.



View of impacted material below electrical conduit on the eastern side of the Dorel building.



View of water flowing from stone layer below the slab of the Dorel building.



August 27 – August 31, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York **IRM Soil Removal Project** Weekly Progress Report #4: 08/27/07 - 08/31/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of August 27, 2007 through August 31, 2007, as observed by E. Michael Flynn of ARCADIS BBL.

A. COMPLETED WORK/WORK IN PROGRESS

- 1. True Blue continued excavation in the cell to the east of the Dorel building. True Blue continued to excavate to a depth of 8' below grade where a clean native clay layer was encountered. True Blue completed excavation of approximately 90% of the eastern cell as of August 31, 2007.
- 2. True Blue performed test-pitting activities on the eastern side of the Dorel building on August 30, 2007 to further delineate the northern extent of the impacted soil. True Blue had reached the original estimated soil removal limit to the north and the soil appeared to be moderately impacted at that point. Based on the test pits, it appears that the soil removal area will extend an additional 45 feet to the north.
- 3. True Blue continued offsite transportation and disposal of excavated soil from the site. Excavated soil was transported to ESMI of New York. A total of 16 truckloads of material (approximately 480 tons) were transported offsite this week. A cumulative total of 75 truckloads (approximately 2,250 tons) have been transported offsite as of August 31, 2007.
- 4. True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedences of the action levels at the site perimeter this week. True Blue again encountered mechanical issues with one of the particulate monitors (Station # 1) and was unable to download particulate readings from this station, although True Blue was able to record data manually from this station. NYSDEC was informed of the situation and agreed to allow work to proceed with this adjustment until True Blue can replace the damaged equipment.

- 5. True Blue continued to receive backfill material from the ESMI quarry in Fort Edward, New York. True Blue has continued to backfill the excavation daily in an effort to minimize the size of the open excavation. True Blue received 10 truckloads of backfill material this week and has received a total of 48 truckloads of backfill material as of August 31, 2007.
- 6. True Blue continued dewatering activities from the active excavation area. True Blue has continued dewatering from the sumps in the open excavation. True Blue has encountered additional groundwater flows this week which has hampered the dewatering activities and slowed excavation activities. True Blue has continued pumping water from the dewatering sumps to the onsite frac tanks and then, ultimately, through the Temporary Water Treatment System (TWTS).
- 7. True Blue continued the treatment of water through the TWTS and the discharge of treated water to the City of Beacon sanitary sewer system via a catch basin in the northeastern corner of the property, near the TWTS. True Blue treated and discharged approximately 130,000 gallons of water this week, and has discharged a cumulative total of 290,000 gallons to date.
- 8. True Blue collected soil samples from an additional backfill source on August 24, 2007. True Blue will utilize the second backfill material as topsoil for the final site restoration.
- On August 24, 2007, True Blue realized that the fire suppression line had begun leaking again, and notified the City of Beacon. The City of Beacon turned off the water on August 24, 2007 and True Blue performed additional repairs on a T-fitting located to the east of the original repair on August 30, 2007.

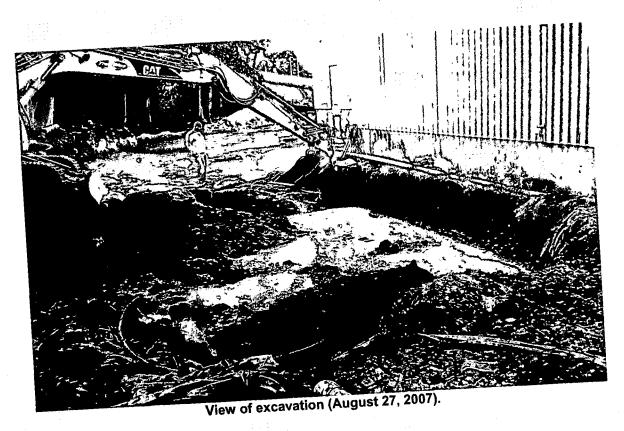
B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 9/04/07

- 1. Complete excavation in the cell to the east of the Dorel building.
- 2. Complete offsite transportation and disposal of impacted material from the site.
- 3. Continue perimeter and work zone air monitoring for VOCs and particulates during intrusive activities.
- 4. Continue dewatering the excavation, and onsite treatment and discharge of groundwater.
- 5. Complete the placement and compaction of backfill in the excavation areas.
- 6. Initiate the installation of the underground electric line to the Dorel building.
- 7. Initiate final site restoration.

C. WEEKLY SITE PHOTOGRAPHS



View of the excavation area after water line leak on August 24, 2007. (Water line can be seen under water in the upper left hand corner.)





View of inside corner of building jog after excavation.



September 3 – September 7, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York IRM Soil Removal Project Weekly Progress Report #5: 09/03/07 – 09/07/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of September 3, 2007 through September 7, 2007, as observed by E. Michael Flynn of ARCADIS BBL.

A. COMPLETED WORK/WORK IN PROGRESS

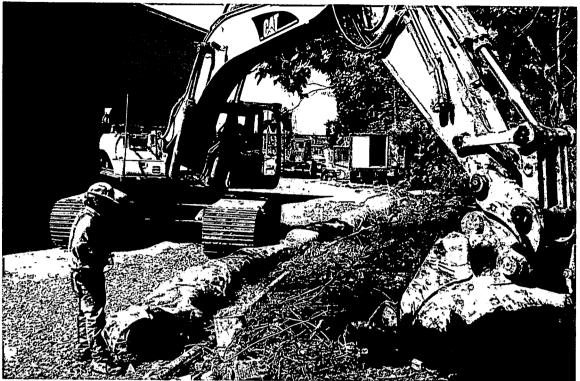
- 1. True Blue completed excavation of the cell to the east of the Dorel building to the limits that were originally estimated by True Blue prior to commencing excavation (based on the limits identified in the IRM Work Plan), and continued excavation to the north of the initial limits to remove additional impacted materials that were observed. True Blue continued to excavate to a depth of 8' below grade where a clean native clay layer was encountered. Approximately 50% of the expanded soil removal area was excavated as of September 7, 2007.
- True Blue continued offsite transportation and disposal of excavated soil from the site.
 Excavated soil was transported to ESMI of New York. A total of 19 truckloads of material (approximately 570 tons) were transported offsite this week. A cumulative total of 94 truckloads (approximately 2820 tons) have been transported offsite as of September 7, 2007.
- True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedences of the action levels at the site perimeter this week.
- 4. True Blue continued to receive backfill material from the ESMI quarry in Fort Edward, NY. True Blue has continued to backfill the excavation daily in an effort to minimize the size of the open excavation. True Blue received 17 truckloads of backfill material this week and has received a total of 65 truckloads of backfill material as of September 7, 2007. True Blue also began obtaining backfill from a second source this week, the Sandy Hook Quarry in Sandy Hook, NY (number of truckloads of backfill obtained from the Sandy Hook Quarry not available at this time).

- 5. True Blue continued dewatering activities from the active excavation area. True Blue has continued dewatering from the sumps in the open excavation. True Blue has continued pumping water from the dewatering sumps to the onsite frac tanks and then, ultimately, through the Temporary Water Treatment System (TWTS).
- 6. True Blue continued the treatment of water through the TWTS and the discharge of treated water to the City of Beacon sanitary sewer system via a catch basin in the northeastern corner of the property, near the TWTS. True Blue treated and discharged approximately 57,000 gallons of water this week, and has discharged a cumulative total of 347,000 gallons to date.
- True Blue received analytical results from the second source for backfill material (Sandy Hook Quarry) this week. True Blue forwarded these results to CHGE and NYSDEC and approval for use at the site was granted.
- 8. True Blue removed several small trees and brush to the east of the Dorel building on September 4, 2007. True Blue performed the additional clearing in preparation for the additional excavation to the north and also to excavate a trench for a new electrical conduit leading to the Dorel building. Upon completion of the clearing, True Blue excavated the electrical trench to a depth of 3' below grade. The electrical trench begins at the east of the Dorel building and leads to a utility pole approximately 50' east of the building.
- 9. True Blue restored partial water pressure to the fire suppression line on September 4, 2007, and no leaks were observed as of September 7, 2007. True Blue will restore full pressure to the line once it has been properly backfilled. True Blue was unable to backfill the water line this week due to the open electrical trench in close proximity to the water line trench.

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 9/10/07

- 1. Complete excavation of additional soil to the east of the Dorel building.
- 2. Complete offsite transportation and disposal of impacted material from the site.
- 3. Continue perimeter and work zone air monitoring for VOCs and particulates during intrusive activities.
- 4. Continue dewatering the excavation, and onsite treatment and discharge of groundwater.
- 5. Complete the placement and compaction of backfill in the excavation areas.
- Complete the installation of the underground electric line to the Dorel building.
- 7. Initiate final site restoration.

C. WEEKLY SITE PHOTOGRAPHS



View of True Blue clearing brush and debris in preparation for the additional excavation to the north of the original excavation.



View of True Blue performing additional excavation to the east of Dorel building (north of the original excavation limits).



View showing northern extent of additional excavation.



View of electrical trench leading to the east of the Dorel building.

September 10 – September 14, 2007



Central Hudson Gas & Electric Corporation 1 West Main Street Site, Beacon, New York IRM Soil Removal Project Weekly Progress Report #6: 09/10/07 – 09/14/07

This weekly progress report summarizes project-related activities performed by True Blue Environmental, Inc. (True Blue) and its subcontractors, on behalf of Central Hudson Gas & Electric Corporation (CHGE), at the 1 West Main Street site in Beacon, New York (the site) during the week of September 10, 2007 through September 14, 2007, as observed by E. Michael Flynn and Chris Davern of ARCADIS BBL/ARCADIS.

A. COMPLETED WORK/WORK IN PROGRESS

- 1. True Blue completed excavation activities at the site on September 10, 2007.
- True Blue completed offsite transportation and disposal of excavated soil from the site on September 13, 2007. Excavated soil was transported to ESMI of New York. A total of 7 truckloads of material (approximately 210 tons) were transported offsite this week. A cumulative total of 101 truckloads (approximately 3,000 tons) were transported offsite for the duration of the project.
- True Blue conducted perimeter (four stations) and localized/work zone air monitoring for volatile organic compounds (VOCs) and particulates during intrusive activities. There were no air monitoring exceedences of the action levels at the site perimeter this week.
- 4. True Blue continued to receive backfill material from the ESMI quarry in Fort Edward, New York. True Blue has continued to backfill the excavation daily in an effort to minimize the size of the open excavation. True Blue received 6 truckloads of backfill material this week and has received a cumulative total of 71 truckloads of backfill material as of September 13, 2007. True Blue also continued to receive additional backfill and topsoil from the Sandy Hook Quarry in Sandy Hook, New York (the number of truckloads of backfill and topsoil obtained from the Sandy Hook Quarry is not available at this time).
- 5. True Blue completed dewatering activities at the site this week. True Blue ceased dewatering upon completion of excavation activities on September 10, 2007.
- 6. True Blue completed the treatment of water through the TWTS and the discharge of treated water to the City of Beacon sanitary sewer system on September 10, 2007. True Blue treated and discharged approximately 4,000 gallons of water this week, and treated and discharged a cumulative total of 351,000 gallons for the duration of the project.

- 7. True Blue disassembled the TWTS and cleaned the system before removing it from the site on September 13, 2007. All wastes generated during the cleaning process were blended with clean dry backfill soil for solidification and then transported to the ESMI of New York for disposal.
- 8. True Blue installed three electrical conduits on the eastern side of the Dorel building on September 12, 2007. The conduits will be used to restore the underground electrical service to the Dorel building which was temporarily raised overhead prior to initiating the excavation activities. The conduits were installed in a trench that True Blue had excavated between the building and a utility pole on the eastern side of the building.
- True Blue installed two staircases on the eastern side of the Dorel building on September 13, 2007: a steel staircase that had been removed was reinstalled, and a concrete staircase that had been demolished was replaced.
- 10. True Blue covered the disturbed areas of the site with topsoil and reseeded the site with a hydroseed applicator.
- 11. True Blue performed a post construction survey of the site on September 13, 2007.
- 12. True Blue removed all perimeter fencing on September 13, 2007. True Blue demobilized various pieces of equipment and had most equipment offsite as of September 13, 2007.
- 13. True Blue mobilized a street sweeper to the site on September 12, 2007 and utilized the sweeper to clean the northern parking area on September 13, 2007.

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 9/17/07

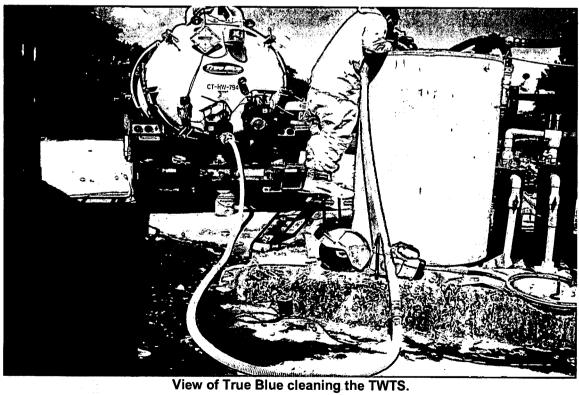
- Complete the installation of the underground electric line to the Dorel building (including completion of backfill, topsoil placement, and seeding in this area).
- 2. Conduct a final site inspection.

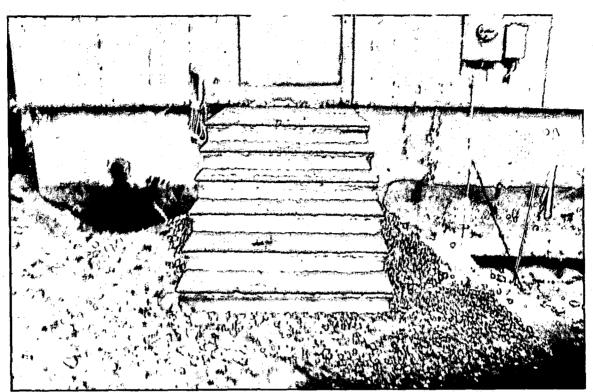
C. WEEKLY SITE PHOTOGRAPHS



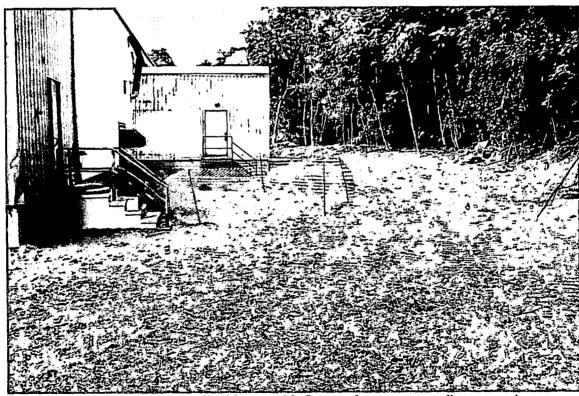
View of True Blue completing excavation in the northeast corner of the northeastern cell.

The bedrock surface is the dark grey surface in the lower right corner.





View of replacement staircase on the east side of the Dorel building.



View of site after restoration (looking north). Orange fence surrounding area where new transformer will be installed.

Attachment 2

City of Beacon Wastewater Discharge Permit U//19/2007 14:2/

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CITY OF BEACON

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CITY OF BEACON New York

DEPARTMENT OF PUBLIC WORKS WASTEWATER DISCHARGE PERMIT

Permit No. 003	
lo accordance w	ill all terms and conditions of the Beacon City Code of Sewer
Regulations, Chapter 17	9, and City of Beacon Pretreatment Ordinance, and also with any
applicable provisions of	Federal or State law or regulation:
Permission is hereby gra	ented to Central Hudson Gas & Electric Corp.
284 South Ave. Pough	keepsie, N.Y. 12601
Classified by SIC No2	2119
for the contribution of _	Pretreated Ground Water
to the City of Beacon se	wer lines at 1 West Main Street Beacon, N.Y.
This permit is gr	anted in accordance with the application filed on July 10, 2007
	in the office of the Chief Operator, Waste Water
Treatment Facility (845	831-7130 and in conformity with plans, specifications and other data
submitted to the () in support of the above application, all of which are filed with
and considered as part of	f this permit, together with the following named conditions and
requirements.	
	Effective this 20th day of July 2007
	To Expire the 20th day of January 2008

Permit No. 003

MONITORING AND REPORTING REQUIREMENTS

SECTION I --- MONITORING REQUIREMENTS

A. From the period beginning on the effective date of this permit until

January 20, 2008 the permittee shall monitor outfall 1 for the following:

um concentration listed for the parameters shall not exceed in the effluent,

		Maximum Effluent Concentration		•
Parameter		Units	Frequency	Sample Type
Chromium	(Total)	4.0 mg/1	1/3 weeks	Grab
Соррет	(Total)	1.1 mg/l	1/3 weeks	Став '
Lead	(Total)	1.1 mg/i	1/3 weeks	Grab
Nickel	(Total)	2.0 mg/l	1/3 weeks	Grab
Silver	(Total)	0.04 mg/l	1/3 weeks	Grab -
Zinc	(Total)	10.0 mg/l	1/3 weeks	Grab
Cadmium	(Total)	0.08 mg/l	1/3 weeks	Grab
Toluene	(Total)	107.0 mg/l	1/3 weeks	Grab
* Biochemic	≈al			
Oxygen D	emand (BOD)	200.00 mg/l	1/3 weeks	Grab
Suspended S	olids (TSS)	200.00 mg/l	1/3 weeks	Grab
Flow		75 gal/minute	Daily	Recorded from Flowmeter
рH		59 (\$U)	1/3 weeks	Grab

Notes:

- (1) The sample shall be taken on a day when these substances are likely to be present in their maximum concentration.
- (2) Flow proportional composite sample over daily duration of discharge.
- * Chief Operator may raise Effluent Concentration Limit up to 285 mg/l in accordance with Section 4 of this Ordinance.
- **B. SAMPLING LOCATION DISCHARGE POINT**

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SECTION 2 --- REPORTING REQUIREMENTS

A. PERIODIC COMPLIANCE REPORTS

In accordance with 40 CFR 403.12(c) and Chapter 179 of the City Code of Sewer Regulation. the permittee shall, after the effective date of the permit, submit to the Chief Operator reports. indicating the nature and concentration of pollutants in the effluent which are limited by the standards specified in Part 1 of the permit. The reports are due each June 30 and December 11.

If the permittee monitors any pollutant more frequently than required by this permit, in accordance with 40 CFR Part 136 or other EPA approved methods, the results of such monitoring shall be submitted with the applicable periodic report.

B. NEW OR CHANGED WASTEWATER REPORTING

The permittee shall notify the City 90 days prior to the introduction of any new wastestreams or pollutants, or any substantial increase or decrease in the volume (i.e., 20 percent or greater variance from the monthly average flow) or characteristics of existing wastestreams discharged to Outfall 1, described above, or any other outfall of the Permittee.

C. PREVENTION OF SPILLS AND ACCIDENTAL DISCHARGES

The Permittee shall provide to the City, plans showing facilities and operating procedures to provide protection against spills or accidental discharges of prohibited or regulated materials,

D. ACCIDENTAL DISCHARGE REPORTING

The Permittee shall notify the City immediately upon the occurrence of an accidental discharge, slug, spill, or any bypassing or overflow of untreated wastewater containing substances regulated by the Sewer Use Ordinance, to the sanitary sewer from the Permittee's facility. This notification shall be immediately by phone and then in writing (within five days).

E. UPSET AND BYPASS REPORTING

The Permittee shall notify the City immediately within 24 hours of the first awareness of an upset or anticipated bypass experienced by the Permittee of its treatment that places it in a temporary state of non-compliance with wastewater discharge limitations contained in this permit or other limitations specified in the Sewer Use Ordinance. The following information. must be submitted.

- A description of discharge and cause of non-compliance / bypass.
- 2. The period of non-compliance including exact date and times or, if not corrected, the anticipated time the non-compliance / bypass is expected to continue, and
- The steps being taken and/or planned to reduce, eliminate, and prevent recurrence of the non-compliance of the non-compliance / bypass.

f. MONITORING REPORTING AND RECORDICEPING

The Permittee shall install monitoring equipment as required, collect samples and report to the Chief Operator as per Sewer Use Ordinance Section 8(f) and 8(g).

CITY OF BEACON

G. RETENTION OF RECORDS

The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application.

This period may be extended by request of the City of Bescon at any time.

All records that pertain to matters that are the subject of special orders or any other enforcement or lingation activities brought by the City of Beacon shall be retained and preserved by the Pennittee until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

Record Contents

Records of sampling and analyses shall include:

- a) The date, exact place, time, and methods of sampling or measurements, and sample preservation techniques or procedures;
- b) Who performed the sampling of measurements;
- c) The date(s) analyses were performed;
- d) Who performed the analyses;
- e) The analytical techniques or methods used; and
- f) The results of such analyses.

H. GENERAL NON-COMPLIANCE REPORT

If self monitoring reveals violation of any discharge limitations sepecified herein, the permittees shall notify the City within 24 hours of becoming aware of the violation. The permittee shall also repeat the sampling and analysis and submit the results of the repeat analysis to the City within 30 days after becoming aware of the violation.

- I. All reports required by this section shall be signed by the principal executive officer of the permittee of at least the level of vice-president or other duly authorized representative.
- J. All reports required by this permit shall be submitted to the City at the following address:

City of Beacon
One Municipal Plaza - Suite One
Beacon, New York 12508
Attention: Chief Operator
Wastewater Treatment Facility

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SECTION 3 --- STANDARD CONDITIONS FOR PERMIT

A. PERMIT TERMINATION

This permit may be terminated for the following reasons:

Falsifying self-monitoring reports

Tampering with monitoring equipment

Refusing to allow timely access to the facility premises and records

Failure to meet effluent limitations

Failure to pay fines

Failure to pay sewer charges

Failure to meet compliance schedules

B. PERMIT APPEALS

The permittee may perition to appeal the terms of this permit within thirty (30) days of the notice.

C. TRANSFER OF PERMIT

Any wastewater permit issued by the City shall not be transferred, sold to a new owner, new user, or new or changed operation.

D. ANNUAL PUBLICATION

A list of all industrial users which were subject to enforcement proceedings during the twelve (12) previous months shall be annually published by the City of Beacon in the largest daily newspaper within its service area. Accordingly, the permittee is approach that non-compliance with this permittenay lead to an enforcement action and may result in publication of its name in an appropriate newspaper in accordance with Section 10 of the Pretreatment Ordinance.

E. CIVILAND CRIMINAL LIABLILITY

Nothing in this permit shall be construed to relieve the permittee from civil and/or criminal penalties for non-compliance under Section 10 of the Pretreatment Ordinance or State or Federal laws and regulations.

F. PENALTIES FOR VIOLATIONS OF PERMIT CONDITIONS

Section I-3 provides that any person who violates a permit condition is subject to a civil penalty of at least \$250 per day of such violation. Any person who willfully or negligently violates permit conditions is subject to criminal penalties of a fine of up to \$250 per day of violation, or by imprisonment for 15 days or both. The permittee may also be subject to sanctions under State and/or Federal aw.

07/19/2007 14:27 8458385826

CITY OF BEACON

PAGE 87

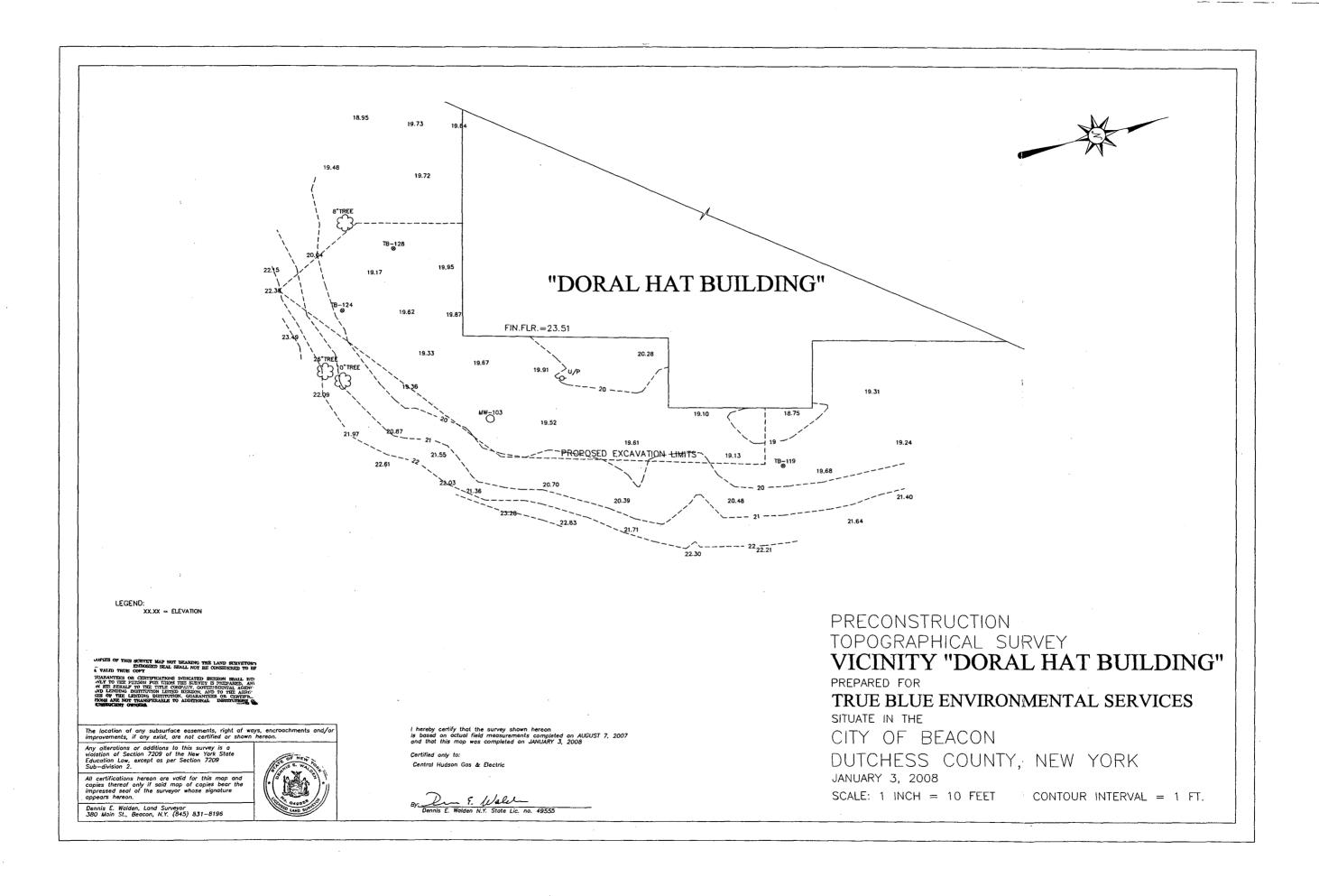
G. SIGNATORY REDUIREMENTS

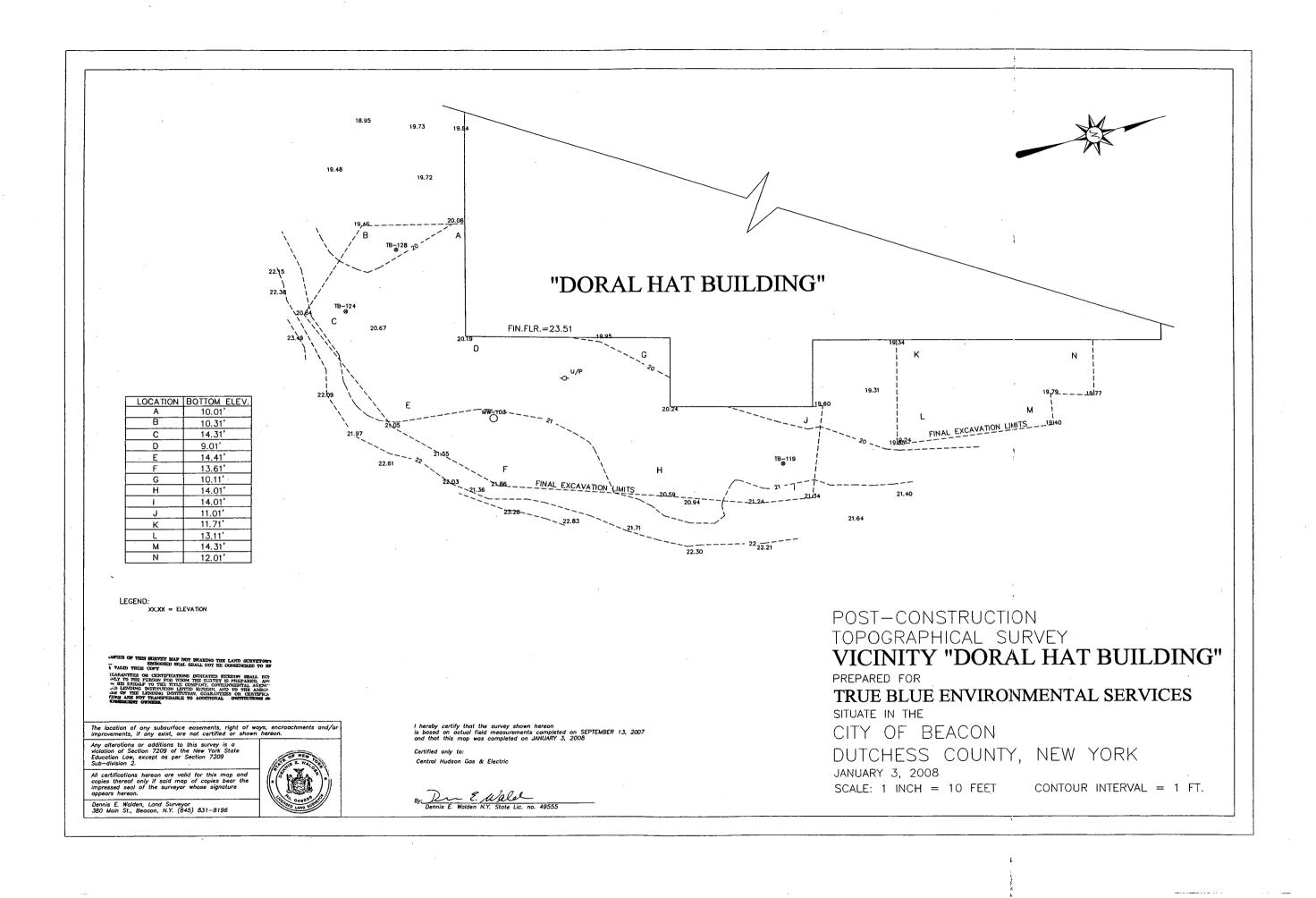
All wastewater discharge permit applications and user reports must be signed by an authorized representative of the user and contain the following statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Attachment 3

Pre- and Post-Construction Certified Survey Maps





Attachment 4

Waste Disposal Information

Waste Characterization Sample Data



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

REPORT DATE 7/9/2007

TRUE BLUE 5 NORTHFIELD ROAD WALLINGFORD, CT 06492 ATTN: JEFF JAMES

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-07540

JOB NUMBER: 71314

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: BEACON, NY.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	
1	07B25330	SOIL	TP-1 (1-3)	metals-8 slg icp	
1	07B25330	SOIL	TP-1 (1-3)	solids (percent)	
1	07B25330	SOIL	TP-1 (1-3)	tph gc sludge	
1	07B25336	SOIL	TP-1 (1-3)	sub special test	SUBCONTRACTED
2	07B25331	SOIL	TP-2 (7-9)	8082 drywt	
2	07B25331	SOIL	TP-2 (7-9)	metals-8 slg icp	
2	07B25331	SOIL	TP-2 (7-9)	solids (percent)	
2	07B25331	SOIL	TP-2 (7-9)	tph gc sludge	
2	07B25337	SOIL	TP-2 (7-9)	sub special test	SUBCONTRACTED
3.	07B25332	SOIL	TP-3 (1-3)	metals-8 slg icp	
3	07B25332	SOIL	TP-3 (1-3)	solids (percent)	
3	07B25332	SOIL	TP-3 (1-3)	tph gc sludge	
3	07B25338	SOIL	TP-3 (1-3)	sub special test	SUBCONTRACTED
4	07B25333	SOIL	TP-4 (6-8)	metals-8 slg icp	
4	07B25333	SOIL	TP-4 (6-8)	solids (percent)	
4	07B25333	SOIL	TP-4 (6-8)	tph gc sludge	
4	07B25339	SOIL	TP-4 (6-8)	sub special test	SUBCONTRACTED
5	07B25334	SOIL	TP-5 (2-4)	8082 drywt	
5	07B25334	SOIL	TP-5 (2-4)	metals-8 slg icp	
5	07B25334	SOIL	TP-5 (2-4)	solids (percent)	
5	07B25334	SOIL	TP-5 (2-4)	tph gc sludge	
5	07B25340	SOIL	TP-5 (2-4)	sub special test	SUBCONTRACTED
6	07B25335	SOIL	TP-6 (1-3)	metals-8 slg icp	
6	07B25335	SOIL	TP-6 (1-3)	solids (percent)	
6	07B25335	SOIL	TP-6 (1-3)	tph gc sludge	
6	07B25341	SOIL	TP-6 (1-3)	sub special test	SUBCONTRACTED



REPORT DATE

7/9/2007

TRUE BLUE 5 NORTHFIELD ROAD WALLINGFORD, CT 06492 ATTN: JEFF JAMES

CONTRACT NUMBER: PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-07540

JOB NUMBER: 71314

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

AIHA 100033

AIHA ELLAP (LEAD) 100033

MASSACHUSETTS MA0100

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

CONNECTICUT PH-0567

VERMONT DOH (LEAD) No. LL015036

NEW YORK ELAP/NELAP 10899

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 7/9/57

Tod Kopyscinski

Sondra L. Slesinski

Director of Operations

Quality Assurance Officer

SIGNATURE

DATE

Edward Denson Technical Director



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

7/9/2007

Page 1 of 13

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-07540

Date Received:

6/29/2007

Job Number: 71314

Field Sample #: 2

Sample ID: 07B25331 Sampled: 6/29/2007

TP-2 (7-9)

Sample Matrix:

SOIL

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
PCB 1016	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1221	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1232	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1242	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1248	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1254	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB-1260	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB 1262	mg/kg dry wt	ND	07/05/07	JB	0.133			
PCB 1268	mg/kg dry wt	ND	07/05/07	JB	0.133			
Extraction Date PCBs		7/2/2007	07/05/07	JB				

Field Sample #: 5

Sample ID:

07B25334

Sampled: 6/29/2007

TP-5 (2-4)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
PCB 1016	mg/kg dry wt	ND	07/05/07	JB	0.119	***		
PCB-1221	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB-1232	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB-1242	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB-1248	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB-1254	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB-1260	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB 1262	mg/kg dry wt	ND	07/05/07	JB	0.119			
PCB 1268	mg/kg dry wt	ND	07/05/07	JB	0.119			
Extraction Date PCBs		7/2/2007	07/05/07	JВ				

Analytical Method:

SW846 8081/8082

SAMPLES ARE EXTRACTED BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), CONCENTRATED, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

7/9/2007

Page 2 of 13

Project Location: BEACON, NY. Date Received:

6/29/2007

LIMS-BAT #: LIMT-07540

Job Number: 71314

Field Sample #: 1

Sample ID:

07B25330

Sampled: 6/29/2007

TP-1 (1-3)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Arsenic	mg/kg dry wt	ND	07/02/07	KSH	5.91		•	
Barium	mg/kg dry wt	50.4	07/02/07	KSH	0.12			
Cadmium	mg/kg dry wt	0.63	07/02/07	KSH	0.06			
Chromium	mg/kg dry wt	12.3	07/02/07	KSH	0.42			
Lead	mg/kg dry wt	126	07/02/07	KSH	2.96			
Mercury	mg/kg dry wt	0.082	07/05/07	SY	0.008			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	5.91			
Silver	mg/kg dry wt	ND	07/02/07	KSH-	0.60			

Field Sample #: 2

Sample ID:

07B25331

Sampled: 6/29/2007

TP-2 (7-9)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
Arsenic	mg/kg dry wt	11.3	07/02/07	KSH	6.62			
Barium	mg/kg dry wt	84.8	07/02/07	KSH	0.14			
Cadmium	mg/kg dry wt	0.63	07/02/07	KSH	0.07			
Chromium	mg/kg dry wt	15.2	07/02/07	KSH	0.47			
Lead	mg/kg dry wt	151	07/02/07	KSH	3.31			
Mercury	mg/kg dry wt	0.278	07/05/07	SY	0.008			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	6.62			
Silver	mg/kg dry wt	ND	07/02/07	KSH	0.67			

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^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

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5 NORTHFIELD ROAD

7/9/2007

Page 3 of 13

WALLINGFORD, CT 06492

Project Location: BEACON, NY.

Purchase Order No.:

LIMS-BAT #: LIMT-07540

Date Received: 6/29/2007

Job Number: 71314

Field Sample #: 3

*07B25332

Sampled: 6/29/2007

Sample ID:

TP-3 (1-3)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Arsenic	mg/kg dry wt	6.68	07/02/07	KSH	5.70			
Barium	mg/kg dry wt	58.8	07/02/07	KSH	0.12			
Cadmium	mg/kg dry wt	0.31	07/02/07	KSH	0.06			
Chromium	mg/kg dry wt	8.29	07/02/07	KSH	0.40			
Lead	mg/kg dry wt	74.9	07/02/07	KSH	2.85			
Mercury	mg/kg dry wt	0.132	07/05/07	SY	0.007			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	5.70			
Silver	mg/kg dry wt	ND	07/02/07	KSH	0.57			

Field Sample #: 4

Sample ID:

07B25333

Sampled: 6/29/2007

TP-4 (6-8)

Sample Matrix: SOIL

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
Arsenic	mg/kg dry wt	5.80	07/02/07	KSH	5.65			
Barium	mg/kg dry wt	55.4	07/02/07	KSH	0.12			
Cadmium	mg/kg dry wt	0.25	07/02/07	KSH	0.06			
Chromium	mg/kg dry wt	9.62	07/02/07	KSH	0.40			
Lead	mg/kg dry wt	67.8	07/02/07	KSH	2.83			
Mercury	mg/kg dry wt	0.115	07/05/07	SY	0.007			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	5.65			
Silver	mg/kg dry wt	ND	07/02/07	KSH	0.57			

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

7/9/2007

LIMS-BAT #: LIMT-07540

Job Number: 71314

Page 4 of 13

Project Location: BEACON, NY. Date Received:

6/29/2007

Field Sample #: 5

07B25334

Sampled: 6/29/2007 TP-5 (2-4)

Sample Matrix:

Sample ID:

SOIL

	Units Results		Date Analyst		RL.	SPEC Limit		P/F
			Analyzed			Lo	Hi	
Arsenic	mg/kg dry wt	ND	07/02/07	KSH	5.91	•	•	
Barium	mg/kg dry wt	44.9	07/02/07	KSH	0.12			
Cadmium	mg/kg dry wt	0.59	07/02/07	KSH	0.06			
Chromium	mg/kg dry wt	13.6	07/02/07	KSH	0.42			
_ead	mg/kg dry wt	155	07/02/07	KSH	2.96			
Mercury	mg/kg dry wt	0.077	07/05/07	SY	0.007			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	5.91			
Silver	mg/kg dry wt	ND	07/02/07	KSH	0.60			

Field Sample #: 6

Sample ID:

07B**25**335

Sampled: 6/29/2007

TP-6 (1-3)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Arsenic	mg/kg dry wt	15.0	07/02/07	KSH	7.01			
Barium	mg/kg dry wt	88.5	07/02/07	KSH	0.15			
Cadmium	mg/kg dry wt	0.65	07/02/07	KSH	80.0			
Chromium	mg/kg dry wt	17.4	07/02/07	KSH	0.50			
Lead	mg/kg dry wt	161	07/02/07	KSH	3.51			
Mercury	mg/kg dry wt	0.202	07/05/07	SY	0.008			
Selenium	mg/kg dry wt	ND	07/02/07	KSH	7.01			
Silver	mg/kg dry wt	ND	07/02/07	KSH	0.71			

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

7/9/2007

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Project Location: BEACON, NY.

Job Number:

LIMS-BAT #: LIMT-07540

Date Received:

6/29/2007

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.:

JEFF JAMES

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5 NORTHFIELD ROAD

7/9/2007 Page 6 of 13

WALLINGFORD, CT 06492

Project Location: BEACON, NY.

6/29/2007

LIMS-BAT #: LIMT-07540

Job Number: 71314

Hi

Date Received: Field Sample #:

Sample ID:

07B25330

Sampled: 6/29/2007

TP-1 (1-3)

Sample Matrix:

SOIL

Results

Date Analyst SPEC Limit

P/F

Units

Analyzed

RL

RL

RL

Solids, total

%

84.7

07/03/07 MAM

Lo

Sample ID:

Field Sample #: 2

07B25331

Sampled: 6/29/2007

TP-2 (7-9)

Sample Matrix:

SOIL

Units

%

Units

%

Units

%

Results

75.6

Date Analyzed

07/03/07

Analyst

MAM

SPEC Limit

Hi

Hi

Lo

P/F

Solids, total

Field Sample #: 3 07B25332

Sampled: 6/29/2007

TP-3 (1-3)

Sample Matrix:

Sample ID:

SOIL

Results

Date Analyzed

07/03/07

Analyst

MAM

SPEC Limit

Lo

Lo

P/F

Solids, total

Sample ID:

Field Sample #: 4

07B25333

Sampled: 6/29/2007

87.7

TP-4 (6-8)

Sample Matrix:

SOIL

Results

Date Analyst Analyzed

RL

SPEC Limit

Hi

P/F

Solids, total

88.6

07/03/07 MAM

Field Sample #: 5

Sample ID:

07B25334

Sampled: 6/29/2007

TP-5 (2-4)

Sample Matrix:

SCIL

Units

Results

Analyst

MAM

RL

SPEC Limit

P/F

%

84.6

Analyzed

07/03/07

Date

Hi Lo

Solids, total

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

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7/9/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

Page 7 of 13

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-07540

Date Received: 6/29/2007

Job Number: 71314

Field Sample #: 6

Sample ID:

07B25335

Sampled: 6/29/2007

TP-6 (1-3)

Sample Matrix:

SOIL

Units

Results

Date Analyzed Analyst RL SPEC Limit

P/F

71.3

07/03/07 MAM

Lo

Solids, total Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES

CENTIGRADE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



JEFF JAMES

TRUE BLUE

7/9/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

Page 8 of 13

Project Location: BEACON, NY.

6/29/2007

LIMS-BAT #: LIMT-07540

Job Number:

Date Received: Field Sample #:

Sample ID:

07B25336

Sampled: 6/29/2007

TP-1 (1-3)

71314

Sample Matrix:

SOIL

Units

Results

Date

RL

SPEC Limit

P/F

Analyzed

Analyst

Lo Hi

SPECIAL TEST

07/06/07 NUS

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER

RESULTS <500

500.00

UNITS

BTU SULFUR

< 0.20

0.20

Lb %

Field Sample #: 2

Sample ID:

07B25337

Sampled: 6/29/2007

TP-2 (7-9)

Sample Matrix:

SOIL

Units

Results

Date Analyzed RL

SPEC Limit

Hi

P/F

Analyst Lo

07/06/07 NUS

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER

SPECIAL TEST

BTU **SULFUR** RESULTS 2502

RL 500.00 UNITS

0.24

0.20

Lb %

Field Sample #: 3

Sample ID:

07B25338

Sampled: 6/29/2007

TP-3 (1-3)

Sample Matrix:

SOIL

Units

Results

Date

NUS

Analyzed

Analyst RL SPEC Limit

to

P/F

Hi

SPECIAL TEST

07/06/07

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER

RESULTS 1793

RL

UNITS

BTU SULFUR

0.23

500.00 0.20

Lb %

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

7/9/2007

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WALLINGFORD, CT 06492

Purchase Order No.:

Project Location: BEACON, NY.

6/29/2007

LIMS-BAT #:

LIMT-07540

Date Received:

Job Number:

71314

Hi

Sample ID:

Field Sample #: 4

07B25339

Sampled: 6/29/2007

TP-4 (6-8)

Sample Matrix:

SOIL

Units

Results

Date Analyst

RL **SPEC Limit** P/F

Analyzed

Lo

SPECIAL TEST

07/06/07 NUS

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER

BTU

RESULTS

RI

UNITS

SULFUR

<500 0.20 500.00 0.20

Lb

Field Sample #: 5

Sample ID:

07B25340

Sampled: 6/29/2007

TP-5 (2-4)

Sample Matrix:

SOIL

Units

Results

Date Analyzed Analyst

RL

SPEC Limit

Hi

Lo

P/F

SPECIAL TEST

07/06/07 NUS

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER

BΤU

UNITS

2707 0.22

RESULTS

500.00 0.20

Lb %

Field Sample #: 6

Sample ID:

SULFUR

07B25341

Sampled: 6/29/2007

TP-6 (1-3)

Sample Matrix:

SOIL

Units

Results

Date

Analyzed

07/06/07

Analyst

NUS

RL

SPEC Limit

Lo

P/F

SPECIAL TEST

SUBCONTRACTED ANALYSIS FOR BTU BY METHOD ASTM D - 2015 AND SULFUR BY METHOD ASTM D - 4239.

PARAMETER BTU

SULFUR

RESULTS 2891 0.28

RL 500.00 0.20

UNITS Lb %

RL = Reporting Limit

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NM = Not Measured

* = See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

Purchase Order No.:

7/9/2007

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WALLINGFORD, CT 06492 Project Location: BEACON, NY.

6/29/2007

LIMS-BAT #: LIMT-07540

Date Received:

Field Sample #: 1

Sampled: 6/29/2007

Job Number: 71314

Sample ID:

07B25330

TP-1 (1-3)

Sample Matrix:

SOIL

	Units	Results	Date	Analyst	RL	SPEC	P/F	
			Analyzed			Lo	Hi	
Fuels, diesel, no. 2	mg/kg dry wt	ND	07/05/07	СЈМ	9.9	· · · · · · · · · · · · · · · · · · ·		
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	CJM	9.9			
Gasoline	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Unknown Hydrocarbons	mg/kg dry wt	130	07/05/07	СЈМ	9.9			
								

Field Sample #: 2

Sample ID:

07B25331

Sampled: 6/29/2007

TP-2 (7-9)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	nalyst RL		SPEC Limit Lo Hi		
Fuels, diesel, no. 2	mg/kg dry wt	ND	07/05/07	CJM	230				
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	СЈМ	230				
Gasoline	mg/kg dry wt	ND	07/05/07	СЈМ	230				
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	230				
Unknown Hydrocarbons	mg/kg dry wt	1100	07/05/07	CJM	230				
Ciolal Commis # . 2									

Field Sample #: 3

Sample ID:

07B25332

Sampled: 6/29/2007

TP-3 (1-3)

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Fuels, diesel, no. 2 -	mg/kg dry wt	ND	07/05/07	СЈМ	48			
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	СЈМ	48			
Gasoline	mg/kg dry wt	ND	07/05/07	CJM	48			
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	48			
Unknown Hydrocarbons	mg/kg dry wt	360	07/05/07	CJM	48			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Project Location: BEACON, NY.

Purchase Order No.:

7/9/2007 Page 11 of 13

LIMS-BAT #: LIMT-07540

Job Number: 71314

Date Received:

6/29/2007

Field Sample #: 4

07B25333

Sampled: 6/29/2007

TP-4 (6-8)

Sample Matrix:

Sample ID:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Fuels, diesel, no. 2	mg/kg dry wt	ND	07/05/07	СЈМ	9.5			
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	СЈМ	9.5			
Gasoline	mg/kg dry wt	ND	07/05/07	CJM	9.5			
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	9.5			
Unknown Hydrocarbons	mg/kg dry wt	260	07/05/07	CJM	9.5			
Field Sample #: 5								

Sample ID:

07B25334

Sampled: 6/29/2007

TP-5 (2-4)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Fuels, diesel, no. 2	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Gasoline	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	9.9			
Unknown Hydrocarbons	mg/kg dry wt	170	07/05/07	СЈМ	9.9			

Field Sample #: 6

Sample ID:

07**B25335**

Sampled: 6/29/2007

TP-6 (1-3)

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC L	imit Hi	P/F
Fuels, diesel, no. 2	mg/kg dry wt	ND	07/05/07	СЈМ	120			
Fuel oil no. 6	mg/kg dry wt	ND	07/05/07	СЈМ	120			
Gasoline	mg/kg dry wt	ND	07/05/07	СЈМ	120			
Kerosene/Jet Fuel	mg/kg dry wt	ND	07/05/07	СЈМ	120			
Unknown Hydrocarbons	mg/kg dry wt	1300	07/05/07	СЈМ	120			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

Project Location: BEACON, NY.

6/29/2007

LIMS-BAT #: LIMT-07540

Page 12 of 13

7/9/2007

Job Number: 71314

Date Received: Analytical Method:

MODIFIED SW846 8015

SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE, CONCENTRATED AND QUANTITATED AGAINST THE DIFFERENT PETROLEUM FRACTION STANDARDS. FINGERPRINTS OF SAMPLE AND STANDARD CHROMATOGRAMS ARE COMPARED.

THIS METHOD IS DESIGNED TO MEASURE MID RANGE PETROLEUM PRODUCTS SUCH AS DIESEL AND FUEL OIL. MOTOR OILS AND LUBRICATING OILS ARE DETECTABLE UNDER THE CONDITIONS OF THIS METHOD, HOWEVER RESULTS ARE NOT QUANTITATIVE. THESE COMPONENTS ARE REPORTED AS OTHER HYDROCARBONS AND QUANITIATED AS #2 FUEL OIL. RESULTS ARE NOT AN ACCURATE DETERMINATION OF THE AMOUNT OF MOTOR OR LUBRICATING OIL PRESENT IN THE SAMPLE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.:

7/9/2007

Page 13 of 13

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-07540

Date Received:

6/29/2007

Job Number: 71314

The following notes were attached to the reported analysis:

Sample ID:

07B25332

Analysis:

Selenium

THE SAMPLE DUPLICATE IS NOT REPORTED DUE TO NON DETECT SAMPLE AND DUPLICATE RESULTS. THE MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. REDUCED RECOVERY ANTICIPATED FOR THIS ELEMENT. REPORTED RESULTS ARE LIKELY TO BE BIASED ON THE LOW SIDE.

Sample ID:

07B25332

Analysis:

Silver

THE SAMPLE DUPLICATE IS NOT REPORTED DUE TO NON DETECT SAMPLE AND DUPLICATE RESULTS.

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	7/9/2007	Lims Bat #: LIMT-07540		Page 1 of	7
QC Batch Numb	er: GC/ECD-9962				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B25331					
	Decachlorobiphenyl	Surrogate Recovery	91.1	%	30-150
	Tetrachloro-m-Xylene	Surrogate Recovery	101.9	%	30-150
07B25334					
	Decachlorobiphenyl	Surrogate Recovery	72.8	%	30-150
	Tetrachloro-m-Xylene	Surrogate Recovery	105.1	%	30-150
BLANK-104117					
	PCB-1232	Blank	<0.020	mg/kg dry wt	
	PCB-1242	Blank	<0.020	mg/kg dry wt	
	PCB-1254	Blank	<0.020	mg/kg dry wt	
	PCB-1260	Blank	<0.020	mg/kg dry wt	
	PCB-1248	Blank	<0.020	mg/kg dry wt	
	PCB-1221	Blank	<0.020	mg/kg dry wt	
	PCB 1016	Blank	<0.020	mg/kg dry wt	
	PCB 1262	Blank	<0.020	mg/kg dry wt	
	PCB 1268	Blank	< 0.020	mg/kg dry wt	
LFBLANK-65323					
	PCB-1260	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.149	mg/kg dry wt	
		Lab Fort Blk. % Rec.	74.682	%	40-140
		Dup Lab Fort BI Amt.	0.200	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.183	mg/kg dry wt	
		Dup Lab Fort BI %Rec	91.804	%	
		Lab Fort Blank Range	17.122	units	
		Lab Fort Bl. Av. Rec	83.243	%	
		LFB Duplicate RPD	20.568	%	0-30
	PCB 1016	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.198	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.374	%	40-140
		Dup Lab Fort Bl Amt.	0.200	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.234	mg/kg dry wt	
		Dup Lab Fort BI %Rec	117.004	%	
		Lab Fort Blank Range	17.630	units	
•		Lab Fort Bl. Av. Rec	108.189	%	
		LFB Duplicate RPD	16.295	%	0-30



39 Spruce Street $^\circ$ East Longmeadow, MA 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	7/9/2007	Lims Bat #: LIMT-07540		Page 2 of	7
QC Batch Numbe	r: GC/FID-18507				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-104204			-		
	Fuel oil no. 6	Blank	<8.4	mg/kg dry wt	
	Fuels, diesel, no. 2	Blank	<8.4	mg/kg dry wt	
	Gasoline	Blank	<8.4	mg/kg dry wt	
	Kerosene/Jet Fuel	Blank	<8.4	mg/kg dry wt	
	Unknown Hydrocarbons	Blank	<8.4	mg/kg dry wt	
LFBLANK-65418					
	Fuels, diesel, no. 2	Lab Fort Blank Amt.	33.3	mg/kg dry wt	
		Lab Fort Blk. Found	26.2	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.7	%	
		Dup Lab Fort Bl Amt.	33.3	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	24.2	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	72.8	%	
		Lab Fort Blank Range	5.8	units	
		Lab Fort Bl. Av. Rec	75.7	%	
	•	LFB Duplicate RPD	7.7	%	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

		Lims Bat #: LIMT-07540	07540 Page 3 of 7						
QC Batch Number	r: HG-7835								
Sample Id	Analysis	QC Analysis	Values	Units	Limits				
BLANK-104071					······································				
	Mercury	Blank	< 0.010	mg/kg dry wt					
FBLANK-65281									
	Mercury	Lab Fort Blank Amt.	0.500	mg/kg dry wt					
		Lab Fort Blk. Found	0.482	mg/kg dry wt					
		Lab Fort Blk. % Rec.	96.500	%	80-120				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	7/9/2007	Lims Bat # : LIMT-07540	Page 4 of 7						
QC Batch Numb Sample Id	per: ICP-16973 Analysis	QC Analysis	Values	Units	Limits				
7B25332	7 that y 515	QO / Malyolo	Values	Onits					
7 020002	Silver	Sample Amount	<0.57	mg/kg dry wt					
	0701	Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	89.20	mg/kg dry wt					
		Matrix Spike % Rec.	78.24	%	75-125				
	Arsenic	Sample Amount	6.68	mg/kg dry wt					
		Duplicate Value	8.05	mg/kg dry wt					
		Duplicate RPD	18.65	%	0-35				
		Sample Amount	6.68	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	98.05	mg/kg dry wt					
		Matrix Spike % Rec.	80.15	%	75-125				
	Barium	Sample Amount	58.80	mg/kg dry wt					
		Duplicate Value	57.36	mg/kg dry wt					
		Duplicate RPD	2.47	%	0-35				
		Sample Amount	58.80	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	148.78	mg/kg dry wt					
		Matrix Spike % Rec.	78.93	%	75-125				
	Cadmium	Sample Amount	0.30	mg/kg dry wt					
		Duplicate Value	0.40	mg/kg dry wt	•				
		Duplicate RPD	27.40	%	0-35				
		Sample Amount	0.30	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	87.08	mg/kg dry wt					
		Matrix Spike % Rec.	76.12	%	75-125				
	Chromium	Sample Amount	8.29	mg/kg dry wt					
		Duplicate Value	10.41	mg/kg dry wt					
		Duplicate RPD	22.66	%	0-35				
		Sample Amount	8.29	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	96.64	mg/kg dry wt					
		Matrix Spike % Rec.	77.50	%	75-125				
	Lead	Sample Amount	74.88	mg/kg dry wt					
		Duplicate Value	87.30	mg/kg dry wt					
		Duplicate RPD	15.30	%	0-35				
		Sample Amount	74.88	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	171.07	mg/kg dry wt					
		Matrix Spike % Rec.	84.37	%	75-125				
	Selenium	Sample Amount	<5.70	mg/kg dry wt					
		Matrix Spk Amt Added	113.99	mg/kg dry wt					
		MS Amt Measured	79.18	mg/kg dry wt					
		Matrix Spike % Rec.	69.46	%	75-125				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates Method Blanks

Report Date:	ort Date: 7/9/2007 Lims Bat #: LIMT-07540		Page 5 of 7					
QC Batch Numb	er: ICP-16973							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
BLANK-103976								
	Silver	Blank	<0.50	mg/kg dry wt				
	Arsenic	Blank	<5.00	mg/kg dry wt				
	Barium	Blank	<0.10	mg/kg dry wt				
	Cadmium	Blank	< 0.05	mg/kg dry wt				
	Chromium	Blank	< 0.35	mg/kg dry wt				
	Lead	Blank	<2.50	mg/kg dry wt				
	Selenium	Blank	<5.00	mg/kg dry wt				
FBLANK-65188	3							
	Silver	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	98.13	mg/kg dry wt				
		Lab Fort Blk. % Rec.	98.13	%	65-120			
	Arsenic	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	99.48	mg/kg dry wt				
		Lab Fort Blk. % Rec.	99.48	%	80-120			
	Barium	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	101.31	mg/kg dry wt				
		Lab Fort Blk. % Rec.	101.31	%	80-120			
	Cadmium	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	95.05	mg/kg dry wt				
		Lab Fort Blk. % Rec.	95.05	%	80-120			
	Chromium	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	100.49	mg/kg dry wt				
		Lab Fort Blk. % Rec.	100.49	%	80-120			
	Lead	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	97.19	mg/kg dry wt				
		Lab Fort Blk. % Rec.	97.19	%	80-120			
	Selenium	Lab Fort Blank Amt.	100.00	mg/kg dry wt				
		Lab Fort Blk. Found	94.53	mg/kg dry wt				
		Lab Fort Blk. % Rec.	94.53	%	80-120			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

7/9/2007

Lims Bat #: LIMT-07540

Page 6 of 7

NOTES:

QC Batch No. :

ICP-16973

Sample ID :

07B25332

Analysis

Selenium

THE SAMPLE DUPLICATE IS NOT REPORTED DUE TO NON DETECT SAMPLE AND DUPLICATE RESULTS. THE MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. REDUCED RECOVERY ANTICIPATED FOR THIS ELEMENT. REPORTED RESULTS ARE LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : Sample ID :

ICP-16973

Analysis

07B25332 Silver

THE SAMPLE DUPLICATE IS NOT REPORTED DUE TO NON DETECT SAMPLE AND DUPLICATE RESULTS.



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

7/9/2007

Lims Bat #: LIMT-07540

Page 7 of 7

OUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

OC BATCH NUMBER

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

LIMITS

Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken though all the steps of the

analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added MS Amt Measured Matrix Spike % Rec. Amount of analyte spiked into a sample Amount of analyte found including amount that was spiked % Recovery of spiked amount in sample.

Duplicate Value Duplicate RPD

The result from the Duplicate analysis of the sample. The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Sur. Recovery (PID) Surrogate Recovery on the Electrolytic Conductivity Detector. Surrogate Recovery on the Photoionization Detector.

Standard Measured Standard Amt Added Standard % Recovery Amount measured for a laboratory control sample Known value for a laboratory control sample % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found Laboratory Fortified Blank Amount Found

Lab Fort Blk % Rec Dup Lab Fort Bl Amt Dup Lab Fort Bl Fnd Dup Lab Fort Bl % Rec Lab Fort Blank Range Laboratory Fortified Blank & Recovered
Duplicate Laboratory Fortified Blank Amount Added
Duplicate Laboratory Fortified Blank Amount Found
Duplicate Laboratory Fortified Blank & Recovery

Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.

Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt MSD Amount Added MSD Amt Measured MSD % Recovery MSD Range

Sample Value for Duplicate used with Matrix Spike Duplicate Matrix Spike Duplicate Amount Added (Spiked)
Matrix Spike Duplicate Amount Measured

Matrix Spike Duplicate % Recovery

Absolute difference between Matrix Spike and Matrix Spike

Duplicate Recoveries

	l contest°	Phone: 413-525-2332 Fax: 413-525-6405		CHAIN			ODY RI		RD				E ST, 2		.OOR MA 010		Page of
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1	TP-1 (1-3)	25330/36	0900	0915	+			2-9	4	X	XX						<u>Client</u> Comment
2	TP-2 (7-9)	25331/3837	0930	0940	7				X :	X :	XX	X					TUP
3	TP-3 (1-3)	9233 3 \39	8945	1030	7					X .	XX	/					100
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b	TP-6 (1-3)	32332/17	1340	1500	X			3		X	XX	\$					Excit
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Relinguish	et by: (signature)	Date/Time:	Turna	round **	Dete	ction	Limit Re	PRINCIPLE AND MANAGEMENT OF THE PARTY OF THE			THE REAL PROPERTY.	itrix Co	establicativat yay turitatio		*Preser\	vation C	odes:
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war and www Wastewater Date/Time: H = HCL 10-Day T = Na thiosulfate DW= drinking water M = Methanol Date/Time: A = air N = Nitric Acid 1722 1 *24-Hr 1 *48-Hr Special Requirements or DL's: S = soil/solid S = Sulfuric Acid 3+05 Date/Time/ (gnature) کار ☐ *72-Hr ☐ *4-Day SL = sludge B = Sodium bisulfate O = Other_ Require lab approval O = other

"TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE/CAP



www.contestlabs.com

39 Spruce Street

East Longmeadow, MA

Phone: 1-413-525-2332 Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: Trueflue RECEIVED BY: CEC	DATE: 6/19/07
RECEIVED DI.	DATE. 6/21/01
1. Was chain of custody relinquished and signed?	NO NO
2. Does Chain agree with samples?	XES NO
If not, explain:	
3. All Samples in good condition?	XES NO
If not. explain:	
4. Were samples received in compliance with Temperature 0-6 degrees C?	YES NO Degrees:
Are there any dissolved samples for the lab to filter?	YES (O)
Who was notified?	Date:Time:
. Are there any on hold samples? YES	STORED WHERE:
Are there any short holding time samples and who wa	as notified?Date:Time
Location where samples are stored:	
CONTAINERS SENT IN TO CON-TEST # of container	CONTAINERS SENT TO CON-TEST # of containers
	Air Cassettes
1 liter amber	8 oz clear jar
500 ml amber	4 oz clear jar
250 ml amber (8oz. Amber)	2 oz clear jar
1 liter plastic	Plastic bag
500 ml plastic	Encore
250 ml plastic	Brass Sleeves
40 ml vial—which kind—list below	
Colisure bottle	Tubes
Dissolved oxygen bottle	Summa cans
Flashpoint bottle	Other
Laboratory comments: No date 5	ampled
# of HCL Vial # of Methanol vials # of	Sodium Bisulfate vials
# of DI water(to be frozen) vialsTime and	
Do all the samples have the correct nH levels? VF	S NO If no whose smile!

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Waste Manifest Summary Table

Attachment 4 Waste Manifest Summary Table Interim Remedial Measure (IRM) Soil Removal Final Engineering Report 1 West Main Street Property, Beacon, New York

Manifest Document No.	Date	Transporter Company	Transporter ID No.	Transporter Phone No.	Trailer No.	Truck No.	Type of Material	Disposal Facility	Quantity (Tons)	Cumulative Quantity (Tons)
1	8/9/2007	JBG Transport	5A-177	518-792-0859	AS63350NY	1	Non-Hazardous	ESMI - NY	35.21	35.21
2	8/9/2007	R. Galusha	5A-735	518-744-1283	PA37537NY	2	Non-Hazardous	ESMI - NY	33.97	69.18
3	8/9/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	3	Non-Hazardous	ESMI - NY	30.01	99,19
4	8/9/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	4	Non-Hazardous	ESMI - NY	32.22	131.41
5	8/9/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	5	Non-Hazardous	ESMI - NY	36.03	167.44
6	8/9/2007	Ram Transport	5A-735	518-421-0492	28670PANY	6	Non-Hazardous	ESMI - NY	20.00	187.44
7	8/13/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	7	Non-Hazardous	ESMI - NY	34.47	221.91
8	8/13/2007	R. Galusha	5A-735	518-744-1283	AF37351NY	8	Non-Hazardous	ESMI - NY	34.19	256.10
9	8/13/2007	G.A. Trucking	5a-177	518-421-0492	79664PANY	9	Non-Hazardous	ESMI - NY	24.95	281.05
10	8/13/2007	Ram Transport	4A-503	518-283-4568	28670PANY	10	Non-Hazardous	ESMI - NY	22.50	303.55
11	8/14/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	11	Non-Hazardous	ESMI - NY	34.00	337.55
12	8/14/2007	R. Galusha	5A-735	518-744-1283	AR37351NY	12	Non-Hazardous	ESMI - NY	31.39	368.94
13	8/15/2007	R. Galusha	5A-735	518-744-1283	AR37351NY	13	Non-Hazardous	ESMI - NY	32.22	401.16
14	8/15/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	14	Non-Hazardous	ESMI - NY	31.47	432.63
15	8/15/2007	Ram Transport	5A-177	518-792-0859	AP37446NY	15	Non-Hazardous	ESMI - NY	40.76	473.39
16	8/16/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	16	Non-Hazardous	ESMI - NY	35.16	508.55
17	8/16/2007	R. Galusha	5A-735	518-744-1283	AR37351NY	17	Non-Hazardous	ESMI - NY	33.01	541.56
18	8/16/2007	R. Galusha	4A-503	518-744-1283	AP37446NY	18	Non-Hazardous	ESMI - NY	35.16	576.72
19	8/16/2007	Cedar Hill	4A-314	518-744-1283	1041B9	. 19	Non-Hazardous	ESMI - NY	33.89	610.61
20	8/17/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	20	Non-Hazardous	ESMI - NY	35.84	646.45
21	8/17/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	21	Non-Hazardous	ESMI - NY	35.81	682.26
22	8/17/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	22	Non-Hazardous	ESMI - NY	33.97	716.23
23	8/20/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	23	Non-Hazardous	ESMI - NY	35.69	751.92
24	8/20/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	24	Non-Hazardous	ESMI - NY	32.54	784.46
25	8/20/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	25	Non-Hazardous	ESMI - NY	33.92	818.38
26	8/20/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	26	Non-Hazardous	ESMI - NY	36.26	854.64
27	8/21/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	27	Non-Hazardous	ESMI - NY	37.22	891.86
28	8/21/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	28	Non-Hazardous	ESMI - NY	35.34	927.20
29	8/21/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	29	Non-Hazardous	ESMI - NY	32.45	959.65

Attachment 4
Waste Manifest Summary Table
Interim Remedial Measure (IRM) Soil Removal Final Engineering Report
1 West Main Street Property, Beacon, New York

Manifest Document No.	Date	Transporter Company	Transporter ID No.	Transporter Phone No.	Trailer No.	Truck No.	Type of Material	Disposal Facility	Quantity (Tons)	Cumulative Quantity (Tons)
30	8/21/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	30	Non-Hazardous	ESMI - NY	35.89	995.54
31	8/21/2007	Cedar Hill	4A-503	518-283-4568	AD80326NY	31	Non-Hazardous	ESMI - NY	34.42	1029.96
32	8/21/2007	Cedar Hill	4A-503	518-283-4568	1014B9NY	32	Non-Hazardous	ESMI - NY	38.72	1068.68
33	8/21/2007	Cedar Hill	4A-503	518-283-4568	1272B1NY	33	Non-Hazardous	ESMI - NY	36.98	1105.66
34	8/21/2007	Cedar Hill	4A-503	518-283-4568	AR85395NY	34	Non-Hazardous	ESMI - NY	41.09	1146.75
35	8/21/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	35	Non-Hazardous	ESMI - NY	34.00	1180.75
36	8/21/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	36	Non-Hazardous	ESMI - NY	35.97	1216.72
37	8/21/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	37	Non-Hazardous	ESMI - NY	36.20	1252.92
38	8/21/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	38	Non-Hazardous	ESMI - NY	36.51	1289.43
39	8/22/2007	SRS Trucking	4A-503	518-283-4568	V80648CT	39	Non-Hazardous	ESMI - NY	35.27	1324.70
40	8/22/2007	Cedar Hill	4A-503	518-283-4568	1014B9NY	40	Non-Hazardous	ESMI - NY	28.78	1353.48
41	8/22/2007	Cedar Hill	5a-177	518-792-0859	AD80326NY	41	Non-Hazardous	ESMI - NY	37.20	1390.68
42	8/22/2007	Goulet	5A-735	518-421-0492	1228B0NY	42	Non-Hazardous	ESMI - NY	37.85	1428.53
43	8/22/2007	SRS Trucking	4A-503	518-283-4568	V62092CT	43	Non-Hazardous	ESMI - NY	26.66	1455.19
44	8/22/2007	SRS Trucking	4A-503	518-283-4568	V76697CT	44	Non-Hazardous	ESMI - NY	28.88	1484.07
45	8/22/2007	Cedar Hill	4A-503	518-283-4568	1191B0	45	Non-Hazardous	ESMI - NY	36.25	1520.32
46	8/22/2007	Cedar Hill	4A-503	518-283-4568	1052B8	46	Non-Hazardous	ESMI - NY	38.58	1558.90
47	8/22/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	47	Non-Hazardous	ESMI - NY	34.05	1592.95
48	8/22/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	48	Non-Hazardous	ESMI - NY	35.55	1628.50
49	8/22/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	49	Non-Hazardous	ESMI - NY	31.40	1659.90
50	8/22/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	50	Non-Hazardous	ESMI - NY	33.16	1693.06
51	8/22/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	51	Non-Hazardous	ESMI - NY	38.32	1731.38
52	8/23/2007	SRS Trucking	4A-503	518-283-4568	V62092CT	52	Non-Hazardous	ESMI - NY	30.59	1761.97
53	8/23/2007	SRS Trucking	4A-503	518-283-4568	V76697CT	53	Non-Hazardous	ESMI - NY	29.42	1791.39
54	8/23/2007	Goulet	4A-503	518-283-4568	1228B0NY	54	Non-Hazardous	ESMI - NY	32.35	1823.74
55	8/23/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	55	Non-Hazardous	ESMI - NY	33.20	1856.94
56	8/23/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	56	Non-Hazardous	ESMI - NY	33.29	1890.23
57	8/23/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	57	Non-Hazardous	ESMI - NY	26.47	1916.70
58	8/23/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	58	Non-Hazardous	ESMI - NY	32.16	1948.86

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59	8/23/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	59	Non-Hazardous	ESMI - NY	34.75	1983.61
60	8/27/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	60	Non-Hazardous	ESMI - NY	33.20	2016.81
61	8/27/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	61	Non-Hazardous	ESMI - NY	31.05	2047.86
62	8/27/2007	R. Galusha	5A-735	518-744-1283	77617APNY	62	Non-Hazardous	ESMI - NY	22.81	2070.67
63	8/27/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	63	Non-Hazardous	ESMI - NY	0.00	2070.67
64	8/27/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	64	Non-Hazardous	ESMI - NY	0.00	2070.67
65	8/28/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	65	Non-Hazardous	ESMI - NY	33.23	2103.90
66	8/28/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	66	Non-Hazardous	ESMI - NY	28.23	2132.13
67	8/28/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	67	Non-Hazardous	ESMI - NY	34.54	2166.67
68	8/29/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	68	Non-Hazardous	ESMI - NY	32.16	2198.83
69	8/29/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	69	Non-Hazardous	ESMI - NY	29.08	2227.91
70	8/29/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	70	Non-Hazardous	ESMI - NY	33.11	2261.02
71	8/29/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	71	Non-Hazardous	ESMI - NY	27.02	2288.04
72	8/30/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	72	Non-Hazardous	ESMI - NY	34.44	2322.48
73	8/30/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	73	Non-Hazardous	ESMI - NY	35.99	2358.47
74	8/30/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	74	Non-Hazardous	ESMI - NY	34.41	2392.88
75	8/30/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	75	Non-Hazardous	ESMI - NY	34.93	2427.81
76	9/5/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	76	Non-Hazardous	ESMI - NY	27.37	2455.18
77	9/5/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	77	Non-Hazardous	ESMI - NY	34.62	2489.80
78	9/5/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	78	Non-Hazardous	ESMI - NY	33.56	2523.36
79	9/5/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	79	Non-Hazardous	ESMI - NY	36.20	2559.56
80	9/5/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	80	Non-Hazardous	ESMI - NY	30.83	2590.39
81	9/6/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	81	Non-Hazardous	ESMI - NY	34.33	2624.72
82	9/6/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	82	Non-Hazardous	ESMI - NY	33.28	2658.00
83	9/6/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	83	Non-Hazardous	ESMI - NY	34.71	2692.71
84	9/6/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	84	Non-Hazardous	ESMI - NY	33.07	2725.78
85	9/6/2007	R. Galusha	5A-735	518-744-1283	AR52898NY	85	Non-Hazardous	ESMI - NY	31.94	2757.72
86	9/6/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	86	Non-Hazardous	ESMI - NY	34.92	2792.64
87	9/7/2007	Cedar Hill	4A-503	518-283-4568	1272B1NY	87	Non-Hazardous	ESMI - NY	36.13	2828.77

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Manifest Document No.	Date	Transporter Company	Transporter ID No.	Transporter Phone No.	Trailer No.	Truck No.	Type of Material	Disposal Facility	Quantity (Tons)	Cumulative Quantity (Tons)
88	9/7/2007	Cedar Hill	5A-175	518-615-0349	AR85395NY	88	Non-Hazardous	ESMI - NY	33.28	2862.05
89	9/7/2007	R. Galusha	5A-735	518-744-1283	AR52898NY	89	Non-Hazardous	ESMI - NY	35.41	2897.46
90	9/7/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	90	Non-Hazardous	ESMI - NY	34.42	2931.88
91	9/7/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	91	Non-Hazardous	ESMI - NY	34.81	2966.69
92	9/7/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	92	Non-Hazardous	ESMI - NY	32.88	2999.57
93	9/7/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	93	Non-Hazardous	ESMI - NY	34.69	3034.26
94	9/7/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	94	Non-Hazardous	ESMI - NY	31.23	3065.49
95	9/10/2007	R. Galusha	5A-735	518-744-1283	AM67493NY	95	Non-Hazardous	ESMI - NY	35.45	3100.94
96	9/10/2007	R. Galusha	5A-735	518-744-1283	AK52898NY	96	Non-Hazardous	ESMI - NY	32.57	3133.51
97	9/10/2007	R. Galusha	5A-735	518-744-1283	AR77093NY	97	Non-Hazardous	ESMI - NY	34.35	3167.86
98	9/10/2007	R. Galusha	5A-735	518-744-1283	AP37446NY	98	Non-Hazardous	ESMI - NY	33.69	3201.55
99	9/10/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	99	Non-Hazardous	ESMI - NY	35.65	3237.20
100	9/10/2007	R. Galusha	5A-735	518-744-1283	AR77091NY	100	Non-Hazardous	ESMI - NY	33.57	3270.77
101	9/13/2007	R. Galusha	5A-735	518-744-1283	AP37531NY	101	Non-Hazardous	ESMI - NY	33.66	3307.43

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Waste Manifests

		ili do Iny.										
700		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US	6 1 3 2 5 6 3	Manifest Doc. No.	2. Páge of	1 /	P 37	531/	NY)		
<u></u>	3.	Generator's Name and Mailing Address	FATRAL HUD	CON CASA ELEC	101/	(MILE		,	· .		
		•	Paryther space			1	West 1	Moine				
	4.	Generator's Phone (845) 486 346	Adam Et	i nger			e weer 1					
		Transporter 1 Company Name R (AL VS)	iA	6. US EPAID N	<u> </u>	A. Transporter's Phone (518) 7/14 - 13 8 3						
	7.	Transporter 2 Company Name	, · 	8. USEPAIDN		B. Transporter's Phone						
	9.	Designated Facility Name and Site Address		10. US EPA ID N		C. Faci	lity's Phone)	No.			
		Ger T pate Rd	/1 [©] 1	FAELLITY 55 830-00031		1	518)	747	5 5 74			
ŀ	11.	FT Flored NY 13. Waste Shipping Name and Description	7 <i>A</i> 0			L	12. Cont	alners	13		14	
		Tracto Cripping Vallio and Docompani					No.	Туре	Tota Quant	ty	Unit Wt/Vol	
	a.	MCT Contaminated	51				Z 3			20		
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	D.	Additional Descriptions for Materials Listed Above	76			E. Han	dling Codes	for Was	tes Listed	Above		
		· · · · · · · · · · · · · · · · · · ·					· · ·	?	, ,			
	15	. Special Handling Instructions and Additional Info	rmation			<u></u>						
									•			
			•									
	16	GENERATOR'S CERTIFICATION: I certify the r	naterials described abo		bject to federal regula	tions for r	eporting pro	per dispos			- 13	
V		Printed/Typed Name A. Agent Inc Chis Divier (ARCA		Signature	my for	4;-c-			Month (). 9	•	Year O. 7	
Ŧ	17	Transporter 1 Acknowledgement of Receipt of N	laterials		1		<i>f</i>					
一定人之の中の在一世の		Printed/Typed Name	1	Signature	5//	I de			Month		Year	
O P	18	. Transporter 2 Acknowledgement of Receipt of N	laterials .		7.							
E	-	Printed/Typed Name		Signature			•		Month	Day	Year	
	19	. Discrepancy Indication Space	·····					• • • • • • • • • • • • • • • • • • • •	····			
F A C												
	20	. Facility Owner or Operator: Certification of recei	pt ol waste materials	covered by this manifest e	xcept as noted in th	em 19.				•		
Ÿ		Printed/Typed Name		Signature					Month	Day	Year	
				NERATOR'S COP	· · · · · · · · · · · · · · · · · · ·				il (caffet)		[2]/Y	

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		NON-HAZARDOUS WASTE MANIFEST	I. Generator's US EPA II	DNO. 2563	Manifest Doc. No	2. Page of	1 /	P.	375.2	1//	14)
A	3.	Generator's Name and Mailing Address	TRAL HUTSON	CAS + F10	- 7A16		6 468				
			1 5.74 5		,		1401		>t		
	4.	Generator's Phone (875) 186-51/	4 ADAM FT	INN TAGUS TOINTER		5	s Espenie	NY			
		Transporter 1 Company Name	. 6.	US EPA ID			sporter's P			•	٠
.	<u> </u>	R CALLSHA					(8)		1383		-
	7.	Transporter 2 Company Name	8. 	US EPA ID		B. Trans	sporter's F	Phone	•		
	9.	Designated Facility Name and Site Address	10.	US EPA ID		C. Facil	lty's Phone	•			
	ŀ	FSMI A NY		RUITY	1D	1	(210)	17:11 -19	- 550		
		FOY Temports FD	230 I W	50-000	8-00019	(2001	177	- 350 C	9	
	11.	Waste Shipping Name and Description	100		· · · · · · · · · · · · · · · · · · ·	1	12. Cont	ainers	_13.		14. Unit
11.			· · · · · · · · · · · · · · · · · · ·				No.	Туре	Total Quanti		Unit Wt/Vol
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	d.	•						,			
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	D.	Additional Descriptions for Materials Listed Above				E. Hand	ling Codes	for Was	tes Listed A	bove	
	15.	Special Handling Instructions and Additional Inform	ation			1				· · · · · · · · · · · · · · · · · · ·	7
		•			•						
											
	16.	GENERATOR'S CERTIFICATION: I certify the mate			ubject to federal regiji	ations for re	porting prop	er dispos			
₩		Printed Typed Name A A sent For (110	· K	Signature	10 Th	daine.	*		Month U.A	Day ()	Year ∴ √
Ţ	17.	Transporter 1 Acknowledgement of Receipt of Mate	rials								
HR42000F		Printed Typed Name		Signature			1.		Month	Day.	Year
0.00	18	Transporter 2 Acknowledgement of Receipt of Mate	rials	1 / / /	M. 1988	1. 1. 16.0	short of		/	1 / 32 2 - 32	1~/
R		Printed/Typed Name		Signature			 _		Month	Day	Year
E				·						<u> </u>	
	19.	Discrepancy indication Space								Ŋ	
FAUA		• 1							•		
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Ļ	20.	Facility Owner or Operator: Certification of receipt o	f waste materials covered	d by this manifest	except as noted in it	em 19.			. •.		
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	5. Transporter 1 Company Name \[\langle A \cdot V \cdot \langle A \cdot \lan	6. US EPA ID 5.4 - 7.35 8. US EPA ID	· · · · · · · · · · · · · · · · · · ·	A. Transporter (() () () () () () () () ()	144-18) ¥ 3	
	9. Designated Facility Name and Site Address	10. US EPA ID	Number	C. Facility's Ph	one		
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	9.	Designated Facility Name and Site Address			US EPA ID I		C. Fac	ility's Phone	•			
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*		Generator's Phone (8/5) 1486-5164	2 (0)	BEFICEN NY								
	5.	Transporter 1 Company Name A. (ALOTHA	6	US EPAID N	umber 35	A. Trans			1283			
	7.	Transporter 2 Company Name	<u>-</u> <u>-</u> <u>-</u>	. US EPA ID N		B: Trans			<i>y</i> ()			
	9.	Designated Facility Name and Site Address	<u>_</u>	0. US EPA ID N		C. Facilit	y's Phone					
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1	3.	Generator's Name and Mailing Address CEA	TARC HUDSON	EAS + IELECTI SOUTH ST EPSTE NY 12	PIC				11115		
	4	Generator's Phone (845) 486-5464]			1114		
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	7.	Transporter 2 Company Name	8. 	US EPA ID I	Number	B. Transpo	orter's P	hone		•	
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	16	GENERATOR'S CERTIFICATION: I certify the mat			bject to federal regula	tions for repor	ting prop	ar dispos	al of Hazardo	us Was	to.
		Printed/Typed Name A) 136-6-7-7-1		Signature	21/1/2	11.			Month	Day	Year.
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US	SEPA ID No. 132 563	Manifest Doc. No.	2. Page of	1 A	0371	146 N	(r)	
*	3.	Generator's Name and Mailing Address (/	FIVERIAL HUDS	ON BAST ELECT					IE		
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1]	a	Generator's Phone (845) 486-59		ADAM ETATA					KON N.		
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1	7.	Transporter 2 Company Name		8. US EPA ID			sporter's P		<u> </u>		
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1	9.	Designated Facility Name and Site Addrese		10. US EPA ID	Number	C. Facil	lity's Phone				4: P
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11		GENERATOR'S CERTIFICATION: 1 certify the m		ove on this manifest are not	subject to federal regula	ations for re	eportling prop	ner diepos	al:of Hàzardou	ıs Wast	е.
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's U	S EPA ID No. 132 563	Manifest Doc. No.	2. Pag of	o1 A	116	7493/	(Y)	
A	3.	Generator's Name and Mailing Address	MARI HUP'S	IN GAZ + ELECTI			*	CHE	<i>F</i>	1	
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		Generator's Phone (845) 486-546	4 10000	KERPSER NY 126 ADAM-ETNENOCA	2		·		OU NY		
	5.	Transporter 1 Company Name R GAL US HA		6. US EPA ID N	lumber		neporter's P		1283		
	7.	Transporter 2 Company Name					(5)1) 7/4 - 1293 B. Transporter's Phone				
	9.	Designated Facility Name and Site Address		10. US EPA ID N		C. Fac	lity's Phone		•••		
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		FT COWARD NY	-	55330-0003	3/00019	14.7	.,,,,,	47-40			
	11	. Waste Shipping Name and Description			./.	<u> </u>	12. Cont		13. Total	14. Unit	
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1	15	. Special Handling Instructions and Additional Info	HAUOH								
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	16	GENERATOR'S CERTIFICATION: I certify the m Printed/Typed Name # 5 # CFN FOR			bject to federal regula	tions for re	eporting prop	er dispos	···		
¥		FINITOPIACL FLYNN AB	(1172 ·	Signature	(chad) F	lyns	7		Month D	ay Year. ? (∵.‡	
Ţ	_	Transporter 1 Acknowledgement of Receipt of Ma	aterials	- , , , ,		F. C. 44			14/410	4	
Ň		Printed/Typed Name		Signature	17.	A			Month D	ay Year	
P	18	Transporter 2 Acknowledgement of Receipt of Ma	aterials	11/156	· JANUS	W.					
TRANSPORTER		Printed/Typed Name		Signature					Month D	ay Year	
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYR 000 132.563	Manifest Doc. No.	2. Page 1 of	AM	52898 (N	/V)
A	3.	Generator's Name and Mailing Address CTA	WITAL HUDSON GAZI ELECTE	TC				· .
		•	Z81 SOUTH ST POUFHKERPSIE NY	1 12/001	/	WEST	E MATAL	
	4.	Generator's Phone (845) 486 516	4 ADAM FIATMERA	9		BEACE	ON NY	
	5.	Iransponer 1 Company Name	6. US EPA ID I	Number	A. Transport			
	L	R CALUSHA				7411-1	1283	
	7.	Transporter 2 Company Name	8. US EPA ID	Number	B. Transport	ers Phone	. :	
	0	Designated Facility Name and Site Address	10. US EPA ID	Number	C. Facility's I	Phone		
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	ľ	301/ TOWPAIN KS	FACTUITY	25/10110	(518) 7	47-53	500	
	_		17828 \ 55.330-000	58 j.000 19.	1	0-11	1	
	11	Waste Shipping Name and Description		*	1 .	Containers lo. Type	13. Total Quantity	14. Unit Wt/Vol
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	D	. Additional Descriptions for Materials Listed Above	е		E. Handling	Codes for Wa	stes Listed Above	
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	12	5. Special Handling Instructions and Additional Info	rmation		1			
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	16	8. GENERATOR'S CERTIFICATION: 1 certify the m	naterials described above on this manifest are not a	subject to federal regul	ations for reports	ng proper dispo	sal of Hazardous We	aste.
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Ŗ	1	7. Transporter 1 Acknowledgement of Receipt of M	······································	····	<u> </u>		44.4.0	, A.,
AC CA		Printed/Typed Name	Signature			•	Month Day	Year
	18	8. Transporter 2 Acknowledgement of Receipt of M	aterials			Management .		
ORTER	Γ.	Printed/Typed Name	Signature			•.	Month Day	Year
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	15	9. Discrepancy Indication Space						
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	1	NON-HAZARDOUS 1. WASTE MANIFEST /	Generator's US EPA I NYR 000 132 UL HUDSON (SA) ZVI 5001	D No. 	Manifest Occ. No.	2. Page of	1 1	R85	395/N	r)
A	3.	Generator's Name and Malling Address CCNID,	UL HUDSEN GA	CAFLECITEC	1			CH	1.7	
			221 5001	H ST NV 121	4.6.1		/ /	レノドラフ	T AUSTAV	
	4.	Generator's Phone (\$45) 486 = 5464 Transporter 1 Company Name	1000011000	n FTALINGE	R				N NV	
	5.	Transporter 1 Company Name	. 6. I	US EPA ID N	lumber	A. Trans			9608	
	7.	Transporter 1 Company Name (FDH) HI/L Transporter 2 Company Name	8.	US EPA ID N	umber		porter's F		70,00	
	-	Designated Facility Name and Site Address	10.	US EPA ID N	imber	C Facili	ty's Phone			
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	11.	Waste Shipping Name and Description	· V / 2 32)			<u></u>	12. Cont	alners	13.	14.
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	D.	Additional Descriptions for Materials Listed Above	. •			E. Handl	ing Codes	for Was	tes Listed Abo	ve
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	15.	Special Handling instructions and Additional Information	on							
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g g	18.	Transporter 2 Acknowledgement of Receipt of Materia	ls	2						
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	19.	Discrepancy Indication Space		·		••••				
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ユーTY	20.	Facility Owner or Operator: Certification of receipt of w	aste materials covere	d by this manifest ex	cept as noted in ite	m 19.				
		Printed/Typed Name		Signature	•				Month L	Day Year
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. AVYR 000 1.32 50	3	Manifest Doc. No. . わ8.7 .	2. Pag	1 /	127	2 BI (NY))
*	3.		WARE HUBSON GASIL					HEE	<u>.</u>		
11			Z81 SOUTH ST	4.30.4.4			1 WE	5T 1	11/4 <i>E/V</i>		
	4.	Generator's Phone (\$15) 1/86-5464	POWNETPETE NY ADAM ETRINA	12601 R			13.	EACO	V NY		٠
		Transporter 1 Company Name	6.	US EPA ID Nur	nber		sporter's P		١٠ سر ر .		:
	_	Transporter 2 Company Name		1A - 314.			8 76		608		<u> </u>
	′.	Transporter 2 Company Name	8.	US EPA ID Nur	nber	B. Irai	neporter's F	none			
	9.	Designated Facility Name and Site Address	10.	US EPA ID Nur	nber	C. Fac	lity's Phone)	-,	•	
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Ģ	3- 11	. Waste Shipping Name and Description				L	12. Cont	ainers	13.	. :	14.
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	16	GENERATOR'S CERTIFICATION: 1 certify the r		anlfest are not subje	ect to federal regula	tions for:	eporting proj	per dispo	sal of Hazard	ious Was	ste.
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R		Printed/Typed Name	··	gnature	$\overline{}$	1			Month	Day	Year
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US	132 363	Manifest Doc. No.	2. Page of	1 /	PR	709/	10	١٠(يار
A	3.	Generator's Name and Mailing Address ()*()	MAN HUSTO	WAST FIRM	TEC .		. (1716	<u>e</u>	:	24
			- 681 - 121 Park	VIENTE NY	12601		1 10	1	11115 W	.*	
		Generator's Phone (STS) 486 5/60	I Al	DAUT FTATATA	J				az arr		
		Transporter 1 Company Name	·	6. US EPA ID N	المسم جرار الهارات	(575	porter's PI	-12	52-1		•
	7.	Transporter 2 Company Name	·	8. US EPA ID N		B. Trans	porter's P	hone		•	• :
	9.	Designated Facility Name and Site Address.		10. US EPA ID N	<i>/</i>)		y's Phone		• .		
		31 Town POTO AD	· · · · · · · · · · · · · · · · · · ·	55330-0103		(51	74	7 -	1500		
	11.	Waste Shipping Name and Description		<u> </u>			12. Conta	inars Type	13. Total Quantit	, .,	14: Unit Wt/Vol
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	D.	Additional Descriptions for Materials Listed Above	9		• • •	E. Handii	ng Codes	for Was	ites Listed At	ove -	
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	15.	Special Handling Instructions and Additional Info	mation			<u> </u>	· · · · · ·				
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	16.	GENERATOR'S CERTIFICATION: I certify the m			bject to federal regula	tions for rep	orting prop	er dispos	al of Hazardo	ıs Wast	9.
V		Printed/Typed Name AS AGENT FOR C	(HEE.	Signature Child	and Fly	11111			Month D.S.	Day Ole	Year 2.7
Ŧ		Transporter 1 Acknowledgement of Receipt of Ma	aterials				* + :			· · · · ·	
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Ö	18.	Transporter 2 Acknowledgement of Receipt ot Ma	aterials		- '		******************************	·	<u> </u>		
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	20.	Facility Owner or Operator: Certification of receip	t of waste materials	covered by this manifest e	xcept as noted in Ite	em 19.					
Υ		Printed/Typed Name		Signature					Month	Day	Year
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	:-	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EP \(\(\lambda \la	1562	Manifest Doc. No.	2. Page 1 of /	AR 52	898/	v,)	
A	3.	Generator's Name and Mailing Address Cam	tra Auc	lun Gass	Electre	CH	GE		•	
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		Generator's Phone (845 1/86-54)	al Oc	dan Eller		Bea	con in	ey.	<u>.</u>	
		Transporter 1 Company Name	8. 	US EPA ID N		A. Transporte	ors Phone			
	7.	Transporter 2 Company Name	8. 	US EPA ID N		B. Transporte				
	9.	Designated Facility Name and Site Address	10.			C. Facility's P	hone			
	1	Designated Facility Name and Site Address SMT Of NUT SOUR DUPON Let		facility				· .		
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	-11	. Waste Shipping Name and Description			÷ •	12. (No	Containers o. Type	13. Total Quantity	v	14. Unit WWol
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	D.	Additional Descriptions for Materials Listed Abov	· ·			E. Handling C	oues for Was	nes Listed Ab	OVO	
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	10	GENERATOR'S CERTIFICATION: 1 certify the m	alerials decombed	on this mention are	blect to federat	tions for see	1 proper di-	al of Harris	B Mar.	
1	16	Printed/Typed Name JE /107 OT FOL		Signature	Solect to lederal reguli	onores ror reportin	A higher glabor		Day	9. Year
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P Q	18.	3. Transporter 2 Acknowledgement of Receipt of M	aterials		29					
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	19.	Discrepancy Indication Space						L		
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	N	3.	Generator's Name and Mailing Address (Control of State of	Jaly Low	son Ganal	Contro	16	CH6 est v	ma	Μ.	
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		7.	Transporter 2 Company Name	8 		umber	B. Trans	sporter's P	hone		
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	ŀ	4. Generator's Phone (FUE) YSC-541611	John Findo	1.50				W VY	
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	5.	Transporter 1 Company Name	6.	US EPA ID 1	lumber		porter's P	hone		
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	١.		POUGHKEEPST	F NY 17/2	01				NNY		
	4.	Generator's Phone (875) 486-546	4 POAM E	TRENGE	e'		0/1	~ C &	70 70		
	-5.	Transporter 1 Company Name 1	6.	US EPA ID N	lumber	A. Trar	nsporter's Pi	none			
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		NON-HAZARDOUS WASTE MANIFEST		132563		2. Page of	1 /	P3	7446 (A	(Y)
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	4.	Generator's Phone (51/5) 4/6 546	4 poin	ETHINGER	2.		- 5F	ACON	114	. 1
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	7.	Transporter 2 Company Name	!	B. US EPA I	O Number	B. Tran	sporter's	Phone		
	9.	Designated Facility Name and Site Address		IO. US EPA II	O Number	C. Faci	ilty's Phon	6		
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	D.	Additional Descriptions for Materials Listed Abov	/e			E. Han	dling Code	s for Was	tes Listed Above	
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	15.	Special Handling Instructions and Additional Info	ormation .							
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		GENERATOR'S CERTIFICATION: I certify the r		ve on this manifest are no	t subject to federal regula	itlons for r	eporting pro	per dispos	sal of Hazardous W	aste
		Printed/Typed Name AS ACTIVITY		Signature	1111/	71			Month Day	/ Year
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A	3.	Generator's Name and Mailing Address	PATANE HUDSON (AS	TELECTRIC		CHE	E TIMBA	
			POWERLIASI	NY 12601	•		•	
	4.	Generator's Phone (845)456 SIE	1 Molon Fin			BEAC	MAL AY	
	5.	Transporter 1 Company Name		PA ID Number	A. Transport	ers Phone	1253	·
	7.	Transporter 2 Company Name	8. US E	PA ID Number	B. Transport		مدوع ا	
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	9.	Designated Facility Name and Site Address		PA ID Number	C. Facility's		:	
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	11.	Waste Shipping Name and Description			12.		13. Total Quantity	14. Unit Wt/Vol
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3	3. Generator's Name and Mailing Address (* £ 10	281 50	CAL THE WHIST VERDETE	TIC		(1365	E F AIRTAL	
_	. Generator's Phone (515) 456-546	4 NOM	11 ETAFINE		}-	1.60	MY MY	
5	5. Transporter 1 Company Name	· 6, .	US EPA ID	Number	A. Transport	Prs Phone	-1283	
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Å	3.	Generator's Name and Malling Address (22)	CHAR HUSSON				CHO	C.	
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		Generator's Phone (575) 486-59	1611 ADA	AM EMENT	ممتع تتا			NY	·.
	5.	Transporter 1 Company Name	6. 1	US EPA ID N	lumber	A. Transpor	ter's Phone	1203	
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A	3.	Generator's Name and Mailing Address	TTAIN HUDSON	OWS TELL	TATC			C #	ME	
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	9.	Designated Facility Name and Site Address	10.	US EPA ID N	umber	C. Facili	ty's Phon	8		1.7.
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	-	5. Transporter 1 Company Name R (FAL USHA)	6. US EPA ID N	umber	A. Tran	naporter's F	Phone /// ~ /	283	
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A	3.	Generator's Name and Mailing Address (1/4)			ECHUC			1166			
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	4.	Generator's Phone (845) 466 546	404	11 CTAINE			13	و مجانعتر برا	CH AT		
	5.	Transporter 1 Company Name R 6-AL USH 4	6.	US EPA ID N	lumber	A. Tran	sporter's P	hone	7.20		
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*	3.	Generator's Name and Malling Address (1.	VERIAL HORELN PALS TELL	CTHIC	:	CMCE		
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		Generator's Phone (875) 486 296						
	5.	Transporter 1 Company Name	6 US EPA I	D Number	A. Transport	ers Phone	1283	
	7:	Transporter 2 Company Name		D Number	B. Transport			
	0	Designated Facility Name and Site Address	10. US EPA I	D Mumber	C. Facility's F	Phone		
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	16.	GENERATOR'S CERTIFICATION: I certify the m		ot subject to féderal regula	ations for reportin	g proper diepo	sal of Hazardo	us Weste.
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		Generator's Phone (1975) 166 - 1976	1 100	AM FINING		<u> </u>					
	5.	Transporter 1 Company Name		6. US EPA ID		A. Transp			1293		
	7.	Transporter 2 Company Name			Number	B, Transp			ر ، · · · <u>· · · · · · · · · · · · · · · </u>		
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		GENERATOR'S CERTIFICATION: 1 certify the me		7.7	subject to federal regula	ations for repo	orling prope	er dispos	al of Hazardo	us Was	te.
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	5. Transporter 1 Company Name	1	6. US EPA II		A. Trar	nsporter's P	Phone	. 1283	
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	4.	Generator's Phone (8/5) 416-516	M ADAM F		/ E. I.E ** 1			6.20	UNY		
	5.	Transporter 1 Company Name	6.	US EPA ID N	umber 35	A. Trans	sporter's P	hone ' (/// -	1283		
	7.	Transporter 2 Company Name	8	US EPA ID N			sporter's P		,,		
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3. Generator's Name and Mailing Address CYTATARI PLODGEN MAS + ELECTRIC TO THE TRANSPORT OF THE PROPERTY OF TH	AR 7	7091 (N	(بر
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4. Generator's Phone (>1/5) (156 - 164) APAN [TILENGER] 5. Transporter 1 Company Name 6. US EPA ID Number A. Transporter's	20-17		:
5. Transporter 1 Company Name 6. US EPA ID Number A. Transporter		, _	
R CALUSIVA 15A.735 (518) 1	144- 1	1283 -	
7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's	в Риоле		
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9. Designated Facility Name and Site Address 10. US EPA ID Number C. Facility's Pho	one		
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D. Additional Descriptions for Materials Listed Above	des for vv a	stes Listed Above	•
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15. Special Handling instructions and Additional information			
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18. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to tederal regulations for reporting	proper dispo	sal of Hazardous V	/aste.
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA II	763	Manifest Doc. No.	of	1 1	1,23	14/16	NV)	<u> </u>
A	3.	Generator's Name and Mailing Address	Arad HvdS	07 GOLE =	Clectic			<u>52</u>			
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	4.	Generator's Phone (31/5) 4/8-54	Los Ada	em Esta	TO WAS	<u> </u>	1300	(e.e.)	n May		
	5.	Transporter 1 Company Name	6.	US EPA ID I	Number	A. Trans	sporter's P	hone	. ,		
	7.	Transporter 2 Company Name	8.	US EPA ID		<u></u>	sporter's f				
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	9.	Designated Facility Name and Site Address	10	acility			ity's Phone		,		
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11	16.	GENERATOR'S CERTIFICATION: certify the m		,	ubject to federal regula	tions for re	porting prop	er dispos	al of Hazard	ous Was	sta.
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		WASTE MANIFEST	1. Generator's US EPA ID No. NYR. 000 32.56.3.	Manifest Doc. No.	of	91 /	M	67193 ((VV)
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	ŀ	4. Generator's Phone (8/5) 4/86-5. 5. Transporter 1 Company Name	COLF MORE ENTRY	dumbar	A Tran	nsporter's Pl	hone	My	
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	1	7. Transporter 2 Company Name	8. US EPA ID I		· · · · · · · · · · · · · · · · · · ·	sporter's P			
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		9. Designated Facility Name and Site Address	10. US EPA 101		C. Faci	lity's Phone			
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		NON-HAZARDOUS 1. Generator's US EPA	ID No.	Manifest Doc. No.	2. Pag	91)	103	7->1	(vV)
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劉卜	٠١	3. Generator's Name and Mailing Address 28 Solution 4. Generator's Phone (81/5 K/80-5/1001 Address 5. Transporter 1 Company Name 6.	~605+E	rective		CAIC) E		
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	1	4. Generator's Phone (81/5 V/810-50/100)	- 5 de 763	en		Ba	200	n My	
	ļ	5. Transporter 1 Company Name 6.	US EPA ID I	lumber	A Tran	nenorter's F	Phone		
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		7. Transporter 2 Company Name 8.	US EPA ID I	Number	B. Trai	nsporter's	Phone		
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	1	15. Special Handling Instructions and Additional Information							
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	1	6. GENERATOR'S CERTIFICATION: I certify the materials described above on t	his manifest are not su	bject to tederal regula	tions for re	porting proj	per dispos	al of Hazardous	Waste.
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TRANSPORTER FACILITY	-2	20. Facility Owner or Operator: Certification of receipt of waste materials covered	ed by this manifest e	xcept as noted in Its	em 19.				
FACILITY	.2	20. Facility Owner or Operator: Certification of receipt of waste materials covered. Printed/Typed Name	·	xcept as noted in Its	əm 19.		-	Month	Day Year
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	NON-HAZARDOUS WASTE MANIFEST 3. Generator's Name and Mailing Address 4. Generator's Phone (\$\frac{1}{2}\) \$\frac{1}{2}\ \$\frac{1}\ \$\frac{1}{2}\ \$\frac{1}{2}\ \$\frac{1}{2}\ \$\frac{1}{2}\ \$\frac{1}{2}\ \$1	1. Generator's US EP/	AID No. 32.563.	Manifest Doc. No.	2. Page 1	127709	3(NY)	
A	3. Generator's Name and Mailing Address	entral Hudson	7 695+El	ectic.	CHO	5 <u>£</u>		
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	4. Generator's Phone (\$2/5) /80-54	1604 Ar	am & tring	er	Booc	m ry		
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	7. Transporter 2 Company Name	8.	US EPA ID N	umber	B. Transporter's	Phone		
	9. Designated Facility Name and Site Address	10.	US EPAID N		C. Facility's Phon	θ		
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	11. Waste Shipping Name and Description	-	•		12. Cor No.	. 1	13. Total Juantity	14. Unit Wt/Vol
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	16. GENERATOR'S CERTIFICATION: I certify the Printed/Typed Name ASAFENT Fund	e materials described above of	n this manifest are not su Signature	bject to federal regula	tions for reporting pro		lazardous Wa Month Day	ete. Year
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L. T	20. Facility Owner or Operator: Certification of re-	celpt of waste materials cove	ered by this manliest e	xcept as noted in It	em 19.		-	
Ÿ	Printed/Typed Name		Signature				Month Day	Year
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	16	GENERATOR'S CERTIFICATION: 1 centity the m	aterials dascribed above o	n this manifest are not a	subject to federal regula	ations for raporting	proper dispo	sal of Hazardou	s Waste.
	5	Printed/Typed Name AS AGENT FOR	CHCE CBC)	Signature	Mil 127	line		Month 1081	Day Year
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		3. Generator's Name and Mailing Address (Protract	0800	Bost	Floris		<u> </u>	105		
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		4. Generator's Phone (045 AND 5/10/1) down	The No	Qu-					<u>~7.</u>	
		5. Transporter 1 Company Name SAS NATIONISC	6.	US EPA ID N	lumber · · · · ·	A. Trar	sporter's Pl	hone ムック	999	>
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		Designated Facility Name and Site Address	10.	USEFAID	umber	C. Faci	lity's Phone	7		
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		11. Waste Shipping Name and Description	<u> </u>	LU CLLI	in passif.	1	12. Cont		13.	1 14.
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		16. GENERATOR'S CERTIFICATION: I certify the materials described at			bject to federal regula	ations for r	eporting prop	er dispo	al of Hazardous	Waste.
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	1D No. 32563.	Manifest Doc. No.	2. Pag	1 A		7093)
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	4.	Generator's Phone ()		m FrilliNG				i CFIC.	_	7	
	5.	Transporter 1 Company Name // CAL US HA	6.	US EPA ID No 571 - 7.35.			sporter's P		283		- 1
	7.	Transporter 2 Company Name	8.	US EPA ID N	umber		sporter's F				,
	9.	Designated Facility Name and Site Address	10	US EPA ID N		C. Fac	llity's Phone	· ·.			
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	16.	GENERATOR'S CERTIFICATION: certify the m	ateriala described above on i	hìa manifest are not aub	ject to lederal regula	tions for re	eporting prop	er dispos	al of Hazardo	ıe Wasti	e
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TRANSPORT	<u>"</u>	Printed/Typed Name		Signature")		~			Month	Day	Year
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	19.	Discrepancy Indication Space							٠.		·
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A	3.	Generator's Name and Mailing Address ([N	TAPE FURSON	CAS + ELEC				HEF	· · · · · · · · · · · · · · · · · · ·	
		Generator's Phone (\$45) 486-5469	, POWOHIKEE,	MST PSEE NY 12	1601] (.). []	さいきん	MATN N X/Y	
	5.	Hansponer i Company Ivame	ADAM 6	USEFAIL	Number .	A. Trai	nsporter's F	hone		
	7	Transporter 2 Company Name		グタリ US EPAID	735		nsporter's		1253	
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	9.	Designated Facility Name and Site Address	- 10	D. US EPA IE	Number	C. Fac	ility's Phone	Ð		
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	11.	Waste Shipping Name and Description				1	12. Con		13. Total	. 14. Unit
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	15.	Special Handling instructions and Additional Info	ormation .			<u> </u>			• • • • • • • • • • • • • • • • • • • •	
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	16.	GENERATOR'S CERTIFICATION: Locality their Printed/Typed Name AS AGENT FOR	CHOE	on this manifest are not Signature	subject to federal regula	ations for i	reporting pro	per dispo		Waste. Day Year
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-	19.	Discrepancy Indication Space		L	-		·			
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	ID.No. 2563	Manifest Doc. No	. 2. Page of		IN	0749	3//	(H)
A	3.		NTAPL HUDSON	141S TELEC			. CF	11.E		-4	
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	4.	Generator's Phone (845) 486-5464	, POULH KEEP. ADAM	ETMENT			1317	ICON	NV		
	5.	Transporter 1 Company Name	6.	US EPA ID	Number	A. Trans	porter's Pl	none			
	7	R GALUSHA Transporter 2 Company Name	<u>L</u> 8.	US EPA ID	Number	B Trene	porter's P	hone			
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	9.	Designated Facility Name and Site Address	10.	US EPA ID		C. Faoilit	y's Phone		•		
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	15.	Special Handling instructions and Additional Infor	mation	* *						•	
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). 		NON-HAZARDOUS WASTE MANIFEST		1325.63.		2. Page 1 of /	AP:	37446	NY)
A	3.	Generator's Name and Mailing Address (CE)		ON GAS + ELEC	TAIC		CHE	111117	
	4.	Generator's Phone (845) 486 - 546	POUNT	KERSIE NY AM ETRENOU				(MUM) (MV NV)	
	·5.	Transporter 1 Company Name	6		lumber	A. Transpo	rter's Phone	/ 20 >	
	7.	Transporter 2 Company Name	8				nter's Phone	-1283	
	9.	Designated Facility Name and Site Address	11	0. US EPAID N		C. Facility's	3 Phone		
		ESMI OF NY 304 TOWPINH PD		NY FACTUE		1000	747-5	5500	
	_	FT EDWARD NY	12858	55.330 - 000	38/00019	<u> </u>	······································		
	11.	. Waste Shipping Name and Description			· .		2. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
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1	15	. Special Handling Instructions and Additional Infor	mation					:	
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	:16	GENERATOR'S CERTIFICATION: I certify the mi	aterials described abov	e on this manifest are not su	bject to federal regul	ations for repor	ting proper dispo	sal of Hazardoi	us Waste.
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Ö	18	. Transporter 2 Acknowledgement of Receipt of Ma	iterials						
TER		Printed/Typed Name		Signature				Month:	Day Year
	19	Discrepancy Indication Space							
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	1D No. 2.563	Manifest Doc. No.	2. Page 1 of		395 (NY)
A	3.	Generator's Name and Mailing Address	NAM HUDSON 281 SOUT	GAST CIFE	CTARC .		CHOZ	6. (m/) =	
			POUCHICE	ROSTE NY	12601	′	さんやくむ		
		Generator's Phone (815) 486-516		FTATAVER					
	5.	Transporter 1 Company Name CEDAR 14000	6.	US EPA ID		A. Transpor	1	-9608	•
	7.	Transporter 2 Company Name	8.	US EPA ID		B. Transpor		1000	
	9.	Designated Facility Name and Site Address	· 10.	US EPA ID ! ア <i>ディヒアとエア</i> ア		C. Facility's			•=
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			28 70	5,520- 000	38/00.01	<u> </u>	Containers	13.	14.
	11.	Waste Shipping Name and Description					No. Type	Total Quanti	Unit
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	D.	Additional Descriptions for Materials Listed Above)			E. Handling	Codes for Wa	stes Listed A	bove
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	16.	GENERATOR'S CERTIFICATION: 1 certify the mi	alerials described above on t	his manifest are not s	bject to federal regula	tions for reportle	ng proper dispo	sal of Hazardó	us Waste.
		Printed/Typed Name AS 1/1917 FC	P. CHEL	Signature	m. I. D.	7/,		Month	Day Year
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		NON-HAZARDOUS WASTE MANIFEST		13.2.563 .		2. Page of	1 /	27	BILA	(V)	
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	5	Transporter : Company Name	6.	US EPA ID I	Number 3/4/	A. Trans	porter's Pi	none	7-96	08	
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	5.	Transporter 1 Company Name K. CALUSHA		US EPA ID N 5/1 - 73	umber	A. Transporte	r's Phone	1283	
	7.	Transporter 2 Company Name	<u> </u>	US EPA ID N		B. Transporte		7 2 0	
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	9.	Designated Facility Name and Site Address	10.	US EPA ID N		C. Facility's F	hone		
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US E	PA ID No. 132 563	Manifest Doc. No.	2. Page 1	A	m-	6749	3
À:	3.	Generator's Name and Mailing Address	CENTRAL HU	UDSCAL GASTELL SOUTH ST	ECMIC.		, , <	HOL	MATIN	,
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	7.	Transporter 2 Company Name	8. 	US EPA ID N	umber	B. Transp	orter's P	hone		
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	4.	Generator's Phone (845)4865464	DEWEHREFA	CIC NY 12601 CHINKER					CON N	1	
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	9.	Designated Facility Name and Site Address	•	10. US EPA ID N		C. Facili	ty's Phone	,			
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	11.	Waste Shipping Name and Description			· · · · · · · · · · · · · · · · · · ·		No.	Туре	13. Total Quantily	,]	14. Unit WWol
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US	S EPA ID No. 132563	OZ3 Manifest Doc. No.	2. Pag	e 1	10 AP	37446 (,	NY)
^		Generator's Name and Mailing Address CEN Poly Generator's Phone (545) 486-5464	MAL HUDSON 281 SCUT	HASTELECTUSC			160	CHEST		
	5	Transporter 1 Company Name	ADAIN E	<i>E / // J / V // ⊱/ K</i> 6. US EPA ID N I	lumber	A. Tra	nsporter's P	hone		
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	4.	Generator's Phone (81/5) 486 - 51/6	Y ADAM	FTAINGER		İ	121	y4(01)	V 7V. F	
	5.	Transporter 1 Company Name		6. US EPA ID N	lumber	A. Tran	sporter's F	Phone		
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	11.	Waste Shipping Name and Description					12. Con		13. Total	14. Unit
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	15.	Special Handling Instructions and Additional Info	mation			L				
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2 22.	• :	NON-HAZARDOUS 1. Generator's U. /YYR. 000	SEPA ID.No: ./32.563	Manifest Doc. No.	2. Page of	1/	9P.	37446	2/N	(4),
A	3.	Generator's Name and Mailing Address CENTRAL Huns	ON GAST ELEC	TAEC		C.	HKE	· · ·		
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	4.	Generator's Phone (845) 486-5464 POUFFILLER ADAM E	SIE NY 1260 TRINGER							
		Transporter 1 Company Name	6. US EPA ID		A. Trar	sporter's P	hone			
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	7.	Transporter 2 Company Name	8. US EPA ID	Vumber	B. Trar	nsporter's F	hone			
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	15	i. Special Handling Instructions and Additional Information	•		L			·		
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	1.6	GENERATOR'S CERTIFICATION: I certify the materials described ab		ubject to federal regula	itions for r	eporting prop	per dispo	sal of Hazardo	us Was	te.a ta
		Printed/Typed Name AS ABENT FOR CHEE	Signature	When I				Month	Day	Year
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			TRANSPORTER #	9						

		NON-HAZARDOUS 1. WASTE MANIFEST	Generator's US EPA II	D No.	Manifest Doc. No.	2. Page of		Anto	1473 (^	//) · [
1		Generator's Name and Mailing Address (CE, 1997)	Manson Con 281 - Conse Connection	1 15/16/2011 1 16 15 20 16 16 16 16 16 16 16 16 16 16 16 16 16	C. 17:21		1 , ,		MOTAL	
		Generator's Phone (6.	US EPA ID		A. Trar	aporter's l	Phone		
		Transporter 2: Company Name	8.	US EPA ID	Number		sporter's	· .		
	9.	Designated Facility Name and Site Address	10. A	US EPAID	100 00	l	lity's Phon		~ ^	
		17 FMS 410 NY 12828		77330 CC	0000/20019	(:	12. Cor	tainers	13.	14.
	<u> </u>	Waste Shipping Name and Description			<u> </u>		No.	Туре	Total Quantity	14. Unit Wt/Vol
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	D.	Additional Descriptions for Materials Listed Above				E. Hand	dling Code	s for Was	tes Listed Above	
	15.	Special Handling Instructions and Additional Informati	ion .							
	16.	GENERATOR'S CERTIFICATION: I certify the material Printed/Typed Name A C. AFENT. FUR. C.		is manifest are not s	subject to federal regula	tions for re	eporting pro	per dispos		
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ORT-BR	18.	Transporter 2 Acknowledgement of Receipt of Material Printed/Typed Name	als	Signature	*	· · · · · · · · · · · · · · · · · · ·			Month Day	Year
→ → → → → → → → → → → → → → → → → → →	19.	Discrepancy indication Space		<u> </u>						
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	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EF	32 563	Manifest Doc. No.	2. Page of	1	104	11091	NY)
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	Generator's Phone (893) 486-5464	MARINET.	TINGER			. 12	T. PICC	WYY		
5.	Transporter 1 Company Name CLED AR HELL TRUCKENG	8. .	USEPAIDN UA31	lumber	A. Trans	sporter's P	hone	9608	·	
7.	Transporter 2 Company Name	8.	US EPA ID N	lumber	8. Trans	sporter's F				
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11.	Waste Shipping Name and Description					12. Cont No.	ainers Type	13. Total Quantit	y	14. Unit WtVol
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		NON-HAZARDOUS WASTE MANIFEST		1325.63.	Manifest Doc. No.	2. Page of	1 /	4P 3	7446	(1	(41
٨	3.	Generator's Name and Mailing Address CENT		GAS PROJECTIVICE SOUTH ST				CHO			
		Sur 181K 116/ 1111	PADICHVEE	DETE NV 1710	01	<u> </u>			MATA W NY		
	5.	Generator's Phone (\$115) 486 54164 Transporter 1 Company Name	7/0/1/11	6. US EPA ID N	lumber	A. Trans		·	1283		
		R (ALUSNA) Transporter 2 Company Name		8. US EPA ID N		(57) B. Trans			1283	· -	· .
				8. US EPA ID N							
	9.	Designated Facility Name and Site Address, #5/11/ OF NY #504 Towner(11)		10. US EPA ID N		C. Facilit	ty's Phorie	1	,		
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	11.	Waste Shipping Name and Description	. 0 2 0	75,550, 50,00	(2)		12. Cont	ainers	13. Total		14. Unit
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	16.	GENERATOR'S CERTIFICATION: I certify the ma	terials described abo	ve on this manifest are not su	bject to federal regula	llons for rep	orting prop	er dispos	al of Hazardo	us Was	te.
		Printed/Typed Name ASMOCNT FOR	C40E 18181)	Signature	Medials	Hum			Month	Day	Year
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	19.	Discrepancy Indication Space									
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Ö	i	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US E	EPA ID No. 132563	Manifest Doc. No.	2. Page 1	AR 3	1351	[NY	/)
A	3.	Generator's Name and Mailing Address CEA	TRAL HUDSON	V BAC + ELE:	MIC	,	CH6 LUEST 1	E.	· ,	
			POLYSHKFEP	SIE NY 120	661	/	BLACE			
		Generator's Phone (\$12) 1965	HOAM	FIRTIMER				· 		
	5.	Transporter 1 Company Name RGALUSIIA	6	. US EPA ID 5A-7	Number	A. Transport	ter's Phone	- 1783		
	7.	Transporter 2 Company Name	. 8	US EPA ID		B. Transport		1 60 - 20		
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	9.	Designated Facility Name and Site Address	1	0. US EPA ID ルソ FACL(エ)		C. Facility's				
		304 TOWARD NY	/フシッタ ・			(518)	747-	5500		
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	11.	Waste Shipping Name and Description	· ·	,	· · · · · · · · · · · · · · · · · · ·	ŀ	No. Type	Total Quantity	,	Unit Wt/Vol
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	D.	Additional Descriptions for Materials Listed Above	3 .		·	E. Handling	Codes for Wa	stes Listed Al	oove	
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		GENERATOR'S CERTIFICATION: I certify the m Printed/Typed Name AS ABENT FOR		e on this manifest are not a	subject to lederal regula	wons for report	ng proper dispo	Bal of Hazardo Month	us Waste Day	e. Year
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OR		Transporter 2 Acknowledgement of Receipt of M	aterials		100			-		
TRANSPORTER		Printed/Typed Name .	1	Signature .			•	Month	Day	Year
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Y		Printed/Typed Name		Signature	17.			Month	Day	Year
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		Generator's Phone (815) 1486-546	/ +	DAVIT TIL	NOER	ļ			NY NY		
ľ	5.	Transporter t Company Name K GALUSHA	6. 	US EP	A ID Number 7.3.5		nsporter's F	hone 44 -	1283		. :
	7	Transporter 2 Company Name	8. I	· · · · · · · · · · · · · · · · · · ·	A ID Number		nsporters				• •
 	9.	Designated Facility Name and Site Address	10.		A ID Number	C. Fac	ility's Phone	- 			
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	11.	. Waste Shipping Name and Description					12. Gon		13. Total		14. Unit
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	D,	Additional Descriptions for Materials Listed Above	9			E. Han	dling Code	for Wa	stes Listed A	bove	٠.
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	15.	Special Handling Instructions and Additional Info	mation		· .,						•
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	16.	GENEBATOR'S CERTIFICATION: I certify the m			not subject to federal regul	ations for a	reporting pro	per dispo			
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AN.		Printed/Typed Name		Signature	Mohn 1	uru	kz –		Month	Day	Year.
POP	18.	Transporter 2 Acknowledgement of Receipt of Ma	aterials		y		· ·				
TRAZOPORTUR		Printed/Typed Name		Signature				-	Month	Day	Year •
	19.	Discrepancy Indication Space		 			•		. <u></u> I	•	
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L	20.	Facility Owner or Operator: Certification of receip	t of waste materials cov	ered by Ihls man	lfest except as noted in t	tem 19.				-	
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		NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA II		Manifest Doc. No.	2. Page	1 /	403	7446	•	
1.	2		NYR.000 1.32	(365 .	1.6.13	} " -					
A	Э.	Generator's Name and Malling Address	MAC HUDSON O	ME +FIFE.	TAZC			CHI	E	,	
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	4.	Generator's Phone (81/5)486-5466	ADMIN FT	1 (COUT	ļ	1.	LA E	ON NY		
ł	5.	Transporter 1 Company Name	6.	US EPA ID N	umber	A. Trans	sporter's P	hone .			
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	7.	Transporter 2 Company Name	8.	US EPA ID N			sporter's F		7 III (7 July		
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	9.	Designated Facility Name and Site Address	10.	US EPA ID N	umber	C. Facil	ity's Phone)			
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		FT EDWARD NY 1	2828 So.	330-040	28/00019						
	11.	Waste Shipping Name and Description					12. Cont	alners	13. Total		14. Unit
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	D.	Additional Descriptions for Materials Listed Above	9 ,		٠	E. Hand	ling Code	for Wa	stes Listed A	bove	
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:[16	GENERATOR'S CERTIFICATION: I certify the m	ateriala described above on th	nis manifest are not st	blect to federal regula	itions for re	porting pro	per dispo	sal of Hazardo	iis Was	te.: :
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Ţ	17	Transporter 1 Acknowledgement of Receipt of M	aterials	·		·					
A		Printed/Typed Name	/	Signature	12		1/8		Month	Day	Year ⊶I
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B	18	Transporter 2 Acknowledgement of Receipt of M	áterials	Tauri		·		<u> </u>		<u> </u>	*
Ĕ		Printed/Typed Name		Signature					· Month	Day	Year.
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	20	Facility Owner or Operator: Certification of receip	t of waste materials covere	ed by this manifest of	except as noted in It	em 19.					:
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		NON-HAZARDOUS	1. Generator's U	IS EPA ID	No	Manilest Doc. No.	2. Pag				
		WASTE MANIFEST	NYR.00	0132	563.	.014.	of	/ /	411	67493	(NY)
A	3.	Generator's Name and Mailing Address CENT	TAL HOUSE	NENS	rELECTA)	C			CHO	EMATN	- -
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	5.	Transporter 1 Company Name		6. 	US EPA ID N ・ <i>5月</i> ーフ			nsporter's P		- /28=	3
	7.	Transporter 2 Company Name		8.	US EPA ID I		-	nsporter's F			
	0	Designated Facility Name and Site Address		10.	US EPA ID 1		C Foo	ility's Phone			
	υ.	ESMIT OF NY			FACILLIA						
		304 TOWPATH RD	13000	•	330.0003		(18) 7	47-	5500	
	11	. Waste Shipping Name and Description	2828	1 22.	3,70,0,000	3/: 5:		12. Cont	ainers	13.	14.
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	D.	Additional Descriptions for Materials Listed Above	9				E. Han	dling Codes	for Was	tes Listed Abo	νe
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	16.	GENERATOR'S CERTIFICATION: Licertify the m		bove on this	manifest are not su	bject to federal regula	llons for r	eporting prop	er dispos	sat of Hazardous	Waste.
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JOK.	18.	Transporter 2 Acknowledgement of Receipt of Mo	aterials	· · · · · ·							
E		Printed/Typed Name	•		Signature					Month	Day Year
	19.	Discrepancy Indication Space		<u> </u>			•••			L	
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TRANSPORTER #2

		NON-HAZARDOUS	1. Generator's US E		Manifest Doc. No.	_	1,	nn.	3727	1 %	
_	_	WASTE MANIFEST	NYR 0001	32.563	. 01.3.	ol	/ / /	4/(3735	1 11	וציו
Å	3.	Generator's Name and Malling Address	TRAL HODSON	GOS I PIECENTO				HOE	<i>-</i>		
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	4.	Generator's Phone (\$1/5) 1/86-54	64 1	DAMI FTAIN GA	R			 			
	5.	Transporter 1 Company Name	. 0,	OULIADI		A. Trans			17000		
	_	R. GALUSHA		5A - :	****	(2/8) /	14-	1283		
	/.	Transporter 2 Company Name	8. 1	US EPA ID N	umber	B. Trans	poners i	hone			
	_	Designated Facility Name and Site Address	L	US EPA ID N		C. Facilit	ula Dhana		 		
	9.	ESNIT OF NY	10			C. Facilit	y's Phone	9			
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	11.	. Waste Shipping Name and Description		· · .	•	-	No.	Туре	Total Quanti		Unit Wt/Vol
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Ř	<u> </u>	Printed/Typed Name		Signature	11)	,		·····	Month	Day	Year
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	19	. Discrepancy indication Space							L		
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	•	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US El	32 563	Manifest Doc. No.	2. Page 1 of /	AR	37351	(NY))
A	3.	Generator's Name and Malling Address	IN HUDSON ER	+ELECTRIC			CH	E		
		2 00	SIL SOUTH ST UEHKERSTE	NY 12601		/	LUEST	MATN	٠	
	4.	Generator's Phone (715) 1/86-5464	I ADAM ETT	DINKER			BEACE	WNY		
	5.	Transporter 1 Company Name	6.	US EPA ID N		A. Transpor				
	7	Transporter 2 Company Name	<u>L</u>	. 5A - 73 US EPA ID N		B. Transpor	74/4/			
		Talloportol a company trains	Ĭ.					,		
	9.	Designated Facility Name and Site Address	10.	NY FAUTUS.	W TO	C. Facility's				
		304 TOWNING PD FT EDWARD NY 1282	18 3	53330-0003	8/00019	(518)	747-	- 5500		
	11	. Waste Shipping Name and Description		·		12	. Container No. Ty	s 13. Tota	1	14. Unit Wt/Vol
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	16.	. GENERATOR'S GERTIFICATION: I certify the m	aterials described above	on this manifest are not su	blect to federal recula	tions for report	ng proper dis	posal of Hazard	ous Wast	Θ.
		Printed/Typed Name AS AMOUNT FOR		Signature	1 11 4	···	A L L-st Ag	Month		Year
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十年42の4の年十世代	17.	Transporter 1 Acknowledgement of Receipt of Me Rednted/Typed Name	aterials	Signatur	2			Month	Day 1.4	Year
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F	_	Printed/Typed Name		Signature				Month	Day	Year
Ā	10	. Discrepancy Indication Space	 -		<u> </u>				1:	
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	20.	Facility Owner or Operator: Certification of receipt	t of waste materials con	vered by this manifest e	xcept as noted in Ite	om 19.				
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٠.		NON-HAZARDOUS	1. Generator's US		Manifest Doc. No.		, ,	10	>71111	1.)
		WASTE MANIFEST	NYKOO	01.3.2.563	<u> </u>	of ,			37446	(N)	//
¥	3.	Generator's Name and Mailing Address	W ACAST AA'S	1 ELECTRIC				CH	6E		,
		CENTUR	HEDSON MASS	1/57		/	WE	:57	MARTAL		
	4.	Generator's Phone (51/5) 1/5/6-51/6	POUCHKEEP	JE NY 1260	t - I		1.	シヒベ	(WN N)		
	5	Transporter 1 Company Name	4 34	<i>DAIN FLEINIG</i> B. US EPAID N	·/(A. Transp	ortor's D	hono			
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	7.	Transporter 2 Company Name	L	3. US EPA ID N		B. Transp			مینید () سک		
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	9.	Designated Facility Name and Site Address	1	IO. US EPA ID N	umber	C. Facility	's Phone)			
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1	11.	. Waste Shipping Name and Description			•	1	2. Cont		13. Total	1	14. Unit
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 	16	GENERATOR'S CERTIFICATION: I certify the m		ve on this manifest; are not su	bject to federal regula	ations for repo	orting pro	per dispo	sal of Hazard	ous Was	te.
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	5.	Transporter 1 Company Name R - GALUSHA	6.	US EPAID N 571 - 735	umber	A. Trans	porter's Pl	Ty 4	1-128	3	
1	7.	Transporter 2 Company Name	8.	US EPA ID N	umber	B. Transj	porter's P	hone			
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	4. Generalor's Phone (Sure) Sure 1657	POOL-HK	Section NV 10	(601	1/2	2000	41%	
	5. Transporter 1 Company Name	6.	US EPA ID'N	umber	A. Transporter's			
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	7. Transporter 2 Company Name	8. . i	US EPA ID N	umber	B. Transporter's	Phone		
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	16. GENERATOR'S CERTIFICATION: I certify the m	aterials described above on thi	ls manifest are not su	pject to federal regular	tions for reporting p	roper dispos	al ol Hazardous	Waste.
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	7. Transporter 2 Company Name	8. 	US EPA ID N	lumber	B. Tran	sporter's F	hone			
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3. Generator's Name and Mailing Address	MATANE HU	SOUTH STACE	TATO			CH		
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4. Generator's Phone (545) 486-59	6 Y	CERPSOL NY		<u> </u>			W WY 16	7715
5. Transporter 1 Company Name K. (THAU SHA TRAN	SPORT	6. 514. USERAID N	umber	A. Trai	sporter's F	hone 72	65	
7. Tronsporter 2 Company Name		8. US EPA ID N	umber	B. Tran	sporter's P	hone :		
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16. GENERATOR'S CERTIFICATION: I certify the			subject to federal reg	gulations f	or reporting	proper d		
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20. Facility Owner or Operator: Certification of r	eceipt of waste mate	rials covered by this manif	fest except as note	d in Item	19.			
Printed/Typed Name		Signature	•			·····	Month Day	Year
				•			1:1:	

ķi.

	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA II		Manifest Document No.	2. Page 1 of		- 7709	3 (NY)
1	4. Generator's Phone (545) (156 - 546) 5. Table 2018 (1998) (19	NOMAC HUUSON (ZSY SOU Y POVON KER	NOS TELLE TH ST OSTE ANN 1	2601	. /	CHAN WEST, BISACO		550
	4. Generator's Phone (543) (776 346 5. Transparter J. Company Name TRANT		US EPA ID N	umber -			- 2065	
11	7. Transporter 2 Company Name	8.	US EPA ID N	· · · · · -	B. Transport		2003	
	9. Designated Facility Name and Site Address	10.	US EPA ID No	umber	C. Facility's I	hone		
		1					vi	
	11. Waste Shipping Name and Description	<u> </u>			12.	Containers o Type	13. Total Quantity	14. Unit Wt/Vol
	a. Mof-con	179m 71/10727) • :	SaIL				EST 30	
GEN	b							
ER A T OB	c.							
	d.	V						
	D. Additional Descriptions for Materials Listed Abo				E Handling		astes Listed Abo	
	15. Special Handling Instructions and Additional Ir	nformation				·		
	#4 mick		į.					
	Al 77092 mi				1.0			
•	Printed/Typed Name AS ANTI-NAT FOR	Holeridis described obove on t	Signature	Mechael 10 rederor 16	Supply and	orting proper	Month D	ox Year
TRANG	17. Transporter 1 Acknowledgement of Receipt of Printed/Typed Name	Matérials	Signature	The state of the s			ع "وثار	ay Year
PORT	18. Transporter 2 Acknowledgement of Receipt of A Printed/Typed Name	Materials	Signature				Month D	ay Year,
F	19. Discrepancy Indication Space							
C	20. Facility Owner or Operator: Certification of rec	eipt of waste materials co	vered by this man	ifest except as not	ed in Item 19.			
v -	Printed/Typed Name		Signature				Month D	ay Year
		GENE	RATOR'S COP	Y				
Ş			WD Part			-		•

		NON-HAZARDOUS 1. WASTE MANIFEST	Generator's US EPA ID No	· · · · · · · · · · · · · · · · · · ·	Manifest Doo. No.	2. Page of	1,			
A	1	Generator's Name and Mailing Address	60 7400 H 85 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A NY	6 [m. 12:06]		7.2	1. 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	5.	Transporter 1 Company Name	6	US EPA ID N	lumber	A. Transporter's Phone				
	7.	Transporter 2 Company Name	8.	US EPA ID N		B. Tran	sporter's I	Phone		
A GHZ	9.	Designated Facility Name and Site Address		US EPA ID N	lumber	C. Faci	lity's Phone			
	11.	Waste Shipping Name and Description					12. Cont	tainers Type	13. Total Quantity	14. Unit Wt/Vol
	a.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	592 Se 7)						- X)
E E	b.		Por Live				· • •			
TATOR	c.		. A	*	iq si			***		
	d.									
RATOR	D.	Additional Descriptions for Malerials Listed Above	*	. "		E. Hand	dling Codes	s for Was	stes Listed Abo	ve .
	15.	Special Handling Instructions and Additional Informat	ion		,					
		GENERATOR'S CERTIFICATION: I certify the materi		anifest are not su	bject to federal regula	itions for re	eporting proj	per dispos	al of Hazardous	Waste.
V			Men)	gnature	Mahali	lign			Month	Day Year
TRANSP	-	Transporter 1 Acknowledgement of Receipt of Materi Printed/Typed Name		inature /					Month I	Day Year
TRANSPORTER		Transporter 2 Acknowledgement of Receipt of Materi Printed/Typed Name		gnature (``			Month I	Day Year
TRANSPORTER FACILITY	19.	Discrepancy Indication Space								
LLIT	20.	Facility Owner or Operator: Certification of receipt of t	waste materials covered by	this manifest e	xcept as noted in ite	em 19.			· .	
Υ	W-96.18	Printed/Typed Name	Sig	nature					Month L	Day Year
		ANDAROBER (1918-1946) PARIS GARGO (1918-1944) VARIS GRANDE	GENERAT	OR'S COF	γ				Jacobales Santa	V. ([27.5])

	NON-HAZARDOUS 1- WASTE MANIFEST	Generator's US	<u> </u>	Manifest Document No	n I :	Page 1				
	3. Generalor's Name and Mailing Address	284 8	el Hudson Cles and E South Street Abkeepsie. NY 13601	· · · · ·	, , , , , , , , , , , , , , , , , , ,	n avo Pair		ick Street		
	4. Generator's Phone (845)-486-5464	Tera	Stoner		UL 57	ינוטנית אואיי	Ideapt	iten. Ny 13	?550 `	
	5. Transporter 1 Company Name Placco Trucking Place Transfer	5A-683	S. US EPA ID N 3.6.4.48.503 Pe	lumber Prinit	À.	Transporte	er's Phone	578-79	1.6	106
	7. Transporter 2. Company-Name		B. US EPA ID N	lumber		Transporte				
	9. Designated Egglity Name and Site Address RSMI of New York 184 Townsh Road Fort Edward, NY 12828	l		lumber Facility ID# 1038/88019	C.	Facility's P	hone (518) 747	- 5500		
	11. Waste Shipping Name and Description					12. No	Containers . Type	13. Total Quantit		14. Unit Wt/Vol
	a. MGP Contaminated Soil				:	0 0	1 13	. 3	3	*
								· EST		
G	b.						- - : :			
N E	\$			· · · · · · · · · · · · · · · · · · ·		<u> </u>				
A T O R	c.									
	d.									
	D. Additional Descriptions for Materials Listed Above		*		Ē.	Handling	Codes for V	/astes Listed /	Above	
	CHOR Aren A Site							r	:	,
			·			·.	, .	• • •	÷	
	15. Special Handling Instructions and Additional Infor	mation	· · · · · · · · · · · · · · · · · · ·			····				
	In Guse of Emergoncy a	foring	ormation on tl	is ship m	ent,					
	Call Keith Decker (Ea	rth Tech)	518-229-721	4					· .	
		· ·		.•••						
	16. GENERATOR'S CERTIFICATION: I certify the mate			t subject to federa	l regulát	ons for rep	orling proper	disposal of Ha	ardous	Waste
Y [Printed/Typed Name	(1881)	Signature,	Michero	1	1 376	7	Month 08	Doy	Year
r R	17. Transporter 1 Acknowledgement of Receipt of Mat Printed/Typed Name	terials ·	Şignature	4				Month	Doy	Year
ANS	Transact Goods		giginalore .		20	<i>y.</i>		النزدا	67 C	Ŀ <u>)</u>
RTE	18. Transporter 2 Acknowledgement of Receipt of Mat Printed/Typed Name	terials	Signature		Tegar*	1,200		Month	Day	Yeor
R	19. Discrepancy Indication Space						·		<u>ئىسىنا</u>	
F									· · ·	
Ĭ 1	20. Facility Owner or Operator: Certification of receip	t of waste mate	rials covered by this mar	nifest except as	noted in	Item 19.				
†	Printed/Typed Name		Signature			 	· · ·	Month	Doy	Year
		G	ENERATOR'S CO	ŻΥ						

ARCADIS

Weight Ticket Summary from ESMI

33.890 tn

•	. IKUE BLU	E ENVIRUMENT Fax:	Uct	9 2001 111:01am P	020/023
SMI OF NEW YORK	•	Customer	Usage		9/13/2007
com Customer:	TBE10 To: 6015 To:	73E10		From	1/1/2007
com Material:	To:	2222222			
Ticket	Truck/Trl'x Mat'l	Ketorial		are one are a constant and all the sec	-Ravenus
tra Proxib40:	то .	m unit	Net	Kata" I	Delivery
stong: Theiù					
der: 8015					
8/9/2007	2030777 36-002	CT01	i i	35.210	tn
8/9/2007	2030779 RG-04	CTOI	-	33.970	to
8/9/2007	2030780 RB-02	CTOl		30.010	tn
8/9/2007	2030781 RG-98	CT01		32.220	tn
8/9/2007	2030782 RG-06	CT01		36.030	tn
8/9/2007	2030765 RAM-2	CL07		20,000	ţn
8 /13/2007	2090797 RG-11	CT01		34.470	tn
8/13/2007	2030798 RB-02	CTO1		34.190	tn
0/13/2007	2030799 GR-1	CT01		24.950	tn
8/13/2007	2030800 RAM-2	CTOL		22.300	tn
8/14/2007	2030806 RB-02	CT01		34.000	tn
8/14/2007	2030 911 RG-11	CT01		31.390	th
8/15/2007	2030830 Rg-98	CT01		32.220	tn
8/15/2007	2030831 RG-11	CT01		31,470	tn .
8/15/2007	2030832 RB-02	C101		40.760	יזל (
8/16/2007	2030849 RG-11	CTO1		35.160	o tn
8/16/2007	2030850 RG-98	CT01		33.010) th
8/16/2007	2030852 RB-02	CT01		35,160) +n '

CT01

2030854 CH-56

8/17/2007

8/17/2007	2030958 RB-02	CT01	35.840	tn
8/17/2007	2030859 RG-98	CTOI	35.810	tn
B/17/2007	2030860 RG-06	CT01	33.970	tn
8/20/2007	2030868 RB-02	CTO1	35,690	tn
8/20/2007	2030869 RG-04 ,	CTQ1	32.540	tn
8/20/2007	2030874 RG-98	CT01	33.920	tn
8/20/2007	2030975 RG-06	CTO1	36,260	tn
8/21/2007	2030996 RB-02	CTOL	37.220	ţn
8/21/2007	2030898 RG-98	CT01	35.340	tn
8/21/2007	2030899 RG-04	C701	32.450	tn
8/21/2007	2030900 RG-06	CT01	35.890	tn
8/21/2007	2030903 CK-56	CT01	34.420	tn
8/21/2007	2030904 CH-97	CT01	38.720	tn
8/21/2007	2030909 CB-62	CT01	36.980	tn
8/21/2007	2030909 CH-77	CTO1	41.090	tn
8/22/2007	2030916 RG-98	CTO1	34.000	tn
8/22/2007	2030917 RG-04	CT02	35.970	tn
8/22/2007	2030918 RG-12	CT01	36.200	. tn
8/22/2007	2030919 RB-02	croi	36.510	tn
8/22/2007	2030927 \$85-444	CT01	35 .2 70	tn
8/22/2007	2030929 9-043	CT01	28.780	tn
8/22/2007	2030933 CH-97	CT01	37.200	tn
8/22/2007	2030934 CH-66	CT01	37,850	th
8/22/2007	2030935 SRS- 999	CT01	26.660	tn
8/22/2007	2030936 BRB-558	CT01	28.890	tn
8/22/2007	2030939 CK-64	стоі	36.250	tn
8/22/2007	2030940 CB-72	C207	38.580	tn
8/22/2007	2030943 RG-98	ст01	34.050	ţ.n
8/22/2007	2030944 RG-06	стоі	35.590	tn
8/22/2007	2030947 RG-04	стоі	31.400	tn



	TRUE BLUE	ENVIRONMENT Fax:	Oct 9 2007 111:02am P022/023
8/22/2007	2030950 %9-02	CT01	33.160 tn
8/22/2007	2030951 RG-12	CT01	38.320 tn
8/23/2007	2030962 SR\$-999	CT01	30.590 tn
8/23/2007	2030963 \$R8-555	CTØl	29.420 tn
8/23/2007	2030965 G-043	C701	32.350 tn
8/23/2007	2030972 RG-98	CT01	33,200 tn
8/23/2007	2030973 RG~04	CTOL	33.290 tn
8/23/2007	2030974 RG-12	CT01	26,470 tn
8/23/2007	2030979 RG-06	CT01	32,160 tn
8/23/2007	2030980 RB-02	CTO1	34.750 tn
9/27/2007	2031005 RG-04	CT01	33.200 tn
8/27/2007	2031006 RG-98	CTO1	31.050 tn
8/27/2007	2031008 RG-01	CTOl	22.810 tn
8/38/2007	2031046 RG-04	CTOI	33.230 tn
8/28/2007	2031050 RG-06	CT01	28.230 tn
8/28/2007	2031032 RG-98	CT01	34.540 tn
8/29/2007	2031077 RG-06	CT01	32,160 tn
8/29/2007	2031079 RG-12	CT01	29.080 tn
8/29/2007	2031087 RG-04	cro1	39.110 tn
B/29/2007	2031098 RG-05	CT01	27.020 tn
8/30/2007	2031120 RB-02	CTO1	34.440 tn
6/30/2007	2031121 RG-05	CT01 `	35.990 tn
8/30/2007	2031124 RG-11	croi	34.410 tn
8/30/2007	2031130 RG-06	CT01	34,930 tn
9/5/2007	2031202 RG-06	CT01	27.370 tn
9/5/2007	2031203 RG-98	CT01	34,620 tn
9/5/2007	2031207 RG-05	CT01	33.560 tn
9/5/2007	2031209 RB-02	CT01	36.200 tn
3/5/2007	2031210 RG-04	CT01	30.830 tn
9/6/2007	2031224 RG-12	CT02	34.330 un
9/6/2007	2031225 RG-05	CT01	33.280 tn

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		TRUE	BLUE ENVIRONMENT	Fax:	Oct !	9 2007	111:02am	P023/023
	9/6/2007	2031227 RB-02	CT01				34.710	zn .
	9/6/2007	2031228 RG-98	CT01				33.070	tn
	9/6/2007	2031230 RG-06	CTO1		•		31.940	tn
	9/6/2007	2031231 RG-04	CTO1				34.920	ţ'n
	9/7/2007	2031235 CR-62	CT01				36.130	tn
	9/7/2007	2031236 CB-77	CT01				33.280	tn .
	9/7/2007	2031246 RG-06	CT01				35.410	tn
	9/7/2007	2031247 RG-05	CT01				34.420	tn
	9/7/2007	2031249 RG-98	CT01				34.810	tn .
	9/7/2007	2031250 RG-12	CTO1				32.660	tn
	9/7/2007	2031252 RB-02	CT01				34.690	tn
	9/7/2007	2031253 RG-04	CT01				31,230	tn
	9/10/2007	2031266 RG-98	CTO1			*	35.450	tn .
	9/10/2007	2031276 R9-12	CTOI				32.370	tn
	9/10/2007	2031277 RG-06	CTOI				34.350	tn
	9/10/2007	2031278 RG-05	CT01				33,690	tn'
	9/10/2007	2031280 NB-02	CTOI	•			35.650	tn tn
	9/10/2007	2031282 RG-04	CT01				33.570) tn
	9/13/2007	2031411 RB-02	CTOI				36.660) tn
ŧ	COAL TAR REMEDIATION WASTE TOTAL	319			3307.43	0 tan		
ı	NCON MGP Yourle				3307.43	o tin		
	West main st acon, my				•			
:	UE BIVE ENVIRONMENTAL Totals				3307.43	0 tn		
					0905 **			.
1	and Totals				3307.43	, U		tn

ARCADIS

Certification of Disposal from ESMI

Certificate of Treatment & Recycling

ESMI of New York hereby acknowledges the *Treatment & Recycling*

of 3,307.43 tons of Coal Tar Contaminated Soil from

Beacon MGP, Beacon, NY

by

Thermal Desorption

Certificate No. 122107-8015

Issued To: Tea@Blue Environmental

Peter C. Hansen, Compliance Manager

Environmental Soil Management of New York, LLC.

New York State DEC Permit No. 5-5330-00038/00019

ARCADIS

Attachment 5

Backfill Sample Analytical Data

ARCADIS

Jointa/Galusha Quarry

Backfill



REPORT DATE 8/14/2007

TRUE BLUE
5 NORTHFIELD ROAD
WALLINGFORD, CT 06492
ATTN: JEFF JAMES

CONTRACT NUMBER:

PURCHASE ORDER NUMBER: MGP BEACON

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-08670

JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: BEACON N.Y.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	
BF1	07B30519	SOIL	NOT SPECIFIED	8081+82 drywt	
BF1	07B30519	SOIL	NOT SPECIFIED	8260 dry weight	
BF1	07B30519	SOIL	NOT SPECIFIED	8270 dry weight	
BF1	07B30519	SOIL	NOT SPECIFIED	metals-8 sig icp	
BF1	07B30519	SOIL	NOT SPECIFIED	solids (percent)	
BF1	07B30520	SOIL	NOT SPECIFIED	sub special test	SUBCONTRACTED
Comments :					

LIMS BATCH NO.: LIMT-08670

FOR METHOD 8260, SAMPLE WAS PRESERVED IN THE LABORATORY ON 8/10/07.

IN METHOD 8260, ANY REPORTED RESULT FOR 1,4-DIOXANE IS ESTIMATED. INITIAL AND CONTINUING CALIBRATION DID NOT MEET METHOD SPECIFIED CRITERIA.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

AIHA 100033

AIHA ELLAP (LEAD) 100033

MASSACHUSETTS MA0100

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

CONNECTICUT PH-0567

VERMONT DOH (LEAD) No. LL015036

NEW YORK ELAP/NELAP 10899

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 8/14/07

Tod Kopyscinski Director of Operations Sondra L. Slesinski Quality Assurance Officer

SIGNATURE

DATE

Edward Denson Technical Director

^{*} See end of data tabulation for notes and comments pertaining to this sample



JEFF JAMES

TRUE BLUE

Sample ID:

5 NORTHFIELD ROAD WALLINGFORD, CT 06492

8/14/2007 Page 1 of 13

Purchase Order No.: MGP BEACON

LIMS-BAT #: LIMT-08670

Job Number:

Project Location: BEACON N.Y. Date Received: 8/10/2007

Field Sample #: BF1

07B30519

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Alachlor	mg/kg dry wt	ND	08/11/07	JB	0.022			
Aldrin	mg/kg dry wt	ND	08/11/07	JB	0.006			
alpha-BHC	mg/kg dry wt	ND	08/11/07	JB	0.006			
beta-BHC	mg/kg dry wt	ND	08/11/07	JB	0.006			
delta-BHC	mg/kg dry wt	ND	08/11/07	JB	0.006			
gamma-BHC (Lindane)	mg/kg dry wt	ND	08/11/07	JB	0.004			
Chlordane	mg/kg dry wt	ND	08/11/07	JB	0.022			
. 4,4-DDD	mg/kg dry wt	ND	08/11/07	JB	0.0011			
4,4-DDE	mg/kg dry wt	ND	08/11/07	JB	0.0011			
4,4-DDT	mg/kg dry wt	ND	08/11/07	JB	0.0011			
Dieldrin	mg/kg dry wt	ND	08/11/07	JB.	0.0044			
Endosulfan I	mg/kg dry wt	ND	08/11/07	JB	0.006			
Endosulfan II	mg/kg dry wt	ND	08/11/07	JB	0.009			
Endosulfan Sulfate	mg/kg dry wt	ND	08/11/07	JB	0.009			
Endrin	mg/kg dry wt	ND	08/11/07	JB	0.009			
Endrin Aldehyde	mg/kg dry wt	ND	08/11/07	JB	0.009			
Endrin Ketone	mg/kg dry wt	ND	08/11/07	JB	0.009			
Heptachlor	mg/kg dry wt	ND	08/11/07	JB	0.006			
Heptachlor Epoxide	mg/kg dry wt	ND	08/11/07	JB	0.006			
Hexachlorobenzene	mg/kg dry wt	ND	08/11/07	JB	0.006			
Methoxychlor	mg/kg dry wt	ND	08/11/07	JB	0.055			
PCB 1016	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1221 ·	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1232	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1242	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1248	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1254	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB-1260	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB 1262	mg/kg dry wt	ND	08/11/07	JB	0.110			
PCB 1268	mg/kg dry wt	ND	08/11/07	JB	0.110			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

8/14/2007

5 NORTHFIELD ROAD

Project Location: BEACON N.Y.

Purchase Order No.: MGP BEACON

Page 2 of 13

WALLINGFORD, CT 06492

LIMS-BAT #: LIMT-08670

Date Received:

8/10/2007

Job Number:

Field Sample #: BF1

Sampled: 8/9/2007

Sample ID:

Toxaphene

07B30519

NOT SPECIFIED

Sample Matrix:

SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
mg/kg dry wt	ND	08/11/07	JB	0.110			
	8/10/2007	08/11/07	JB				

08/11/07 JB

Analytical Method:

Extraction Date PCBs Extraction Date Pesticides

SW846 8081/8082

SAMPLES ARE EXTRACTED BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), CONCENTRATED, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

8/10/2007

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

8/14/2007

LIMS-BAT #: LIMT-08670

Job Number:

Page 3 of 13

Project Location: BEACON N.Y.

8/10/2007

Date Received:

Field Sample #: BF1

Sample ID:

07B30519

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Acetone	mg/kg dry wt	ND	08/10/07	MFF	0.12			
Acrylonitrile	mg/kg dry wt	ND	08/10/07	MFF	0.023			
tert-Amylmethyl Ether	mg/kg dry wt	ND	08/10/07	MFF	0.002			
Benzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Bromoform	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	08/10/07	MFF	0.012			
2-Butanone (MEK)	mg/kg dry wt	ND	08/10/07	MFF	0.046			
tert-Butyl Alcohol	mg/kg dry wt	ND	08/10/07	MFF	0.046			
n-Butylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	08/10/07	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	08/10/07	MFF	0.007			
Carbon Tetrachloride	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	08/10/07	MFF	0.002			
Chloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.023			
Chloroform	mg/kg dry wt	ND	08/10/07	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	08/10/07	MFF	0.012			
2-Chlorotoluene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	08/10/07	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,4-Dichlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			

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ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



Purchase Order No.: MGP BEACON

8/14/2007

LIMS-BAT #: LIMT-08670

Job Number: -

Page 4 of 13

JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Project Location: BEACON N.Y.

Date Received: 8/10/2007 Field Sample #: BF1

Sample ID: 07B30519

Sampled: 8/9/2007

Sample Matrix:

SOIL

NOT SPECIFIED

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	08/10/07	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	08/10/07	MFF	0.023			
1,1-Dichloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	08/10/07	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	08/10/07	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	08/10/07	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Diethyl Ether	mg/kg dry wt	ND	08/10/07	MFF	0.023			
Diisopropyl Ether	mg/kg dry wt	ND	08/10/07	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	08/10/07	MFF	0.12			
Ethyl Benzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	08/10/07	MFF	0.023			
Isopropylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
МТВЕ	mg/kg dry wt	ND	08/10/07	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	08/10/07	MFF	0.023			
MIBK	mg/kg dry wt	ND	08/10/07	MFF	0.023			
Naphthalene	mg/kg dry wt	ND	08/10/07	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
Styrene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.002			
	ilig/kg ury wi	שווו	00/10/07		0.002			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

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5 NORTHFIELD ROAD

8/14/2007

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WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Project Location: BEACON N.Y.

8/10/2007

LIMS-BAT #: LIMT-08670 Job Number:

Date Received:

07B30519

Field Sample #: BF1

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

Sample ID:

SOIL

	Units	Results	Date	Analyst	RL	SPEC Limit Lo Hi	P/F	
			Analyzed			Lo	Hi	
Tetrahydrofuran	mg/kg dry wt	ND	08/10/07	MFF	0.012			
Toluene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
,2,4-Trichlorobenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
,1,2-Trichloroethane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
richloroethylene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
richlorofluoromethane	mg/kg dry wt	ND	08/10/07	MFF	0.012			
,2,3-Trichloropropane	mg/kg dry wt	ND	08/10/07	MFF	0.003			
,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	08/10/07	MFF	0.012			
,2,4-Trimethylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
,3,5-Trimethylbenzene	mg/kg dry wt	ND	08/10/07	MFF	0.003			
'inyl Chloride	mg/kg dry wt	ND	08/10/07	MFF	0.012			
+ p Xylene	mg/kg dry wt	ND	08/10/07	MFF	0.005			
-Xylene	mg/kg dry wt	ND	08/10/07	MFF	0.003			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



Sampled: 8/9/2007 **NOT SPECIFIED**

Purchase Order No.: MGP BEACON

JEFF JAMES

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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Project Location: BEACON N.Y.

Date Received: 8/10/2007

Field Sample #: BF1

Sample Matrix:

Sample ID: 07B30519

SOIL

8/14/2007

Page 6 of 13

LIMS-BAT #: LIMT-08670

Job Number: -

	Units	Results	Date	Analyst	RL	SPEC		P/ F
			Analyzed				Hi	
Acenaphthene	mg/kg dry wt	ND	08/14/07	BGL	0. 19			
Acenaphthylene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Acetophenone	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Aniline	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Anthracene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Benzoic Acid	mg/kg dry wt	ND	08/14/07	BGL	1.10			
Benzo(a)anthracene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Benzo(a)pyrene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Benzo(b)fluoranthene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Benzo(k)fluoranthene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	08/14/07	BGL	0.37			
I-Bromophenyl phenyl ether	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Butylbenzylphthalate	mg/kg dry wt	ND	08/14/07	BGL	0.73			
Carbazole	mg/kg dry wt	ND	08/14/07	BGL	0.19			
-Chloroaniline	mg/kg dry wt	ND	08/14/07	BGL	0.73			
-Chloro-3-methylphenol	mg/kg dry wt	ND	08/14/07	BGL	0.73			
2-Chloronaphthalene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2-Chlorophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
l-Chlorophenylphenyl ether	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Chrysene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Dibenzofuran	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
,2-Dichlorobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
,3-Dichlorobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
,4-Dichlorobenzene	mg/kg dry wt	.ND	08/14/07	BGL	0.37			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	08/14/07	BGL	0.19			

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^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

8/14/2007 Page 7 of 13

LIMS-BAT #: LIMT-08670

Job Number:

Project Location: BEACON N.Y.

Date Received:

8/10/2007

Field Sample #: BF1

Sample ID:

07B30519

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
2,4-Dichlorophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Diethylphthalate	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2,4-Dimethylphenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Dimethylphthalate	mg/kg dry wt	ND	08/14/07	BGL	0.73			
Di-n-butylphthalate	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Di-n-octylphthalate	mg/kg dry wt	ND	08/14/07	BGL	0.73			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2,4-Dinitrophenol	mg/kg dry wt	ND	08/14/07	BGL	0.73			
2,4-Dinitrotoluene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2,6-Dinitrotoluene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Fluoranthene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Fluorene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Hexachlorobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Hexachlorobutadiene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	08/14/07	BGL	0.73			
Hexachloroethane	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Isophorone	mg/kg dry wt	ND	08/14/07	BGL	0.37			
o-cresol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
m & p-cresol(s)	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2-Methylnaphthalene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Naphthalene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
2-Nitroaniline	mg/kg dry wt	ND	08/14/07	BGL	0.37			
3-Nitroaniline	mg/kg dry wt	ND	08/14/07	BGL	0.37			
4-Nitroaniline	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Nitrobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2-Nitrophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
4-Nitrophenol	mg/kg dry wt	ND ·	08/14/07	BGL	0.73			

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ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

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5 NORTHFIELD ROAD

8/14/2007

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Page 8 of 13

Project Location: BEACON N.Y.

LIMS-BAT #: LIMT-08670

Date Received:

8/10/2007

Job Number:

Field Sample #: BF1 Sample ID:

07B30519

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyst		RL	SPEC Limit		P/ F
			Analyzed			Lo	Hi	
N-Nitrosodiphenylamine	mg/kg dry wt	ND	08/14/07	BGL	0.37			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Pentachloronitrobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Pentachlorophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Phenanthrene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Phenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Pyrene	mg/kg dry wt	ND	08/14/07	BGL	0.19			
Pyridine	mg/kg dry wt	ND	08/14/07	BGL	0.19			
1,2,4,5-Tetrachlorobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	08/14/07	BGL	0.37			
Extraction Date 8270		08/13/2007	08/14/07	BGL				

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR BENZOIC ACID AND PENTACHLORONITROBENZENE ARE ESTIMATED SINCE RESPONSE FACTOR FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

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5 NORTHFIELD ROAD

8/14/2007

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Page 9 of 13

Project Location: BEACON N.Y.

Date Received:

8/10/2007

LIMS-BAT #: LIMT-08670 Job Number:

Field Sample #: BF1

Sample ID:

07B**3**0519

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Arsenic	mg/kg dry wt	3.47	08/10/07	SDT	2.73			-
Barium	mg/kg dry wt	68.6	08/10/07	SDT	0.55			
Cadmium	mg/kg dry wt	0.29	08/10/07	SDT	0.28			
Chromium	mg/kg dry wt	15.6	08/10/07	SDT	0.55			
Lead	mg/kg dry wt	50.8	08/10/07	SDT	0.82			
Mercury	mg/kg dry wt	0.067	08/14/07	SY	0.006			
Selenium	mg/kg dry wt	ND	08/10/07	SDT	5.46			
Silver	mg/kg dry wt	ND	08/10/07	SDT	0.55			

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5 NORTHFIELD ROAD

8/14/2007

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WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Project Location: BEACON N.Y.

LIMS-BAT #: LIMT-08670

Date Received:

8/10/2007

Job Number:

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

8/14/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

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Project Location: BEACON N.Y.

8/10/2007

LIMS-BAT #: LIMT-08670

Date Received: 8/

Field Sample #: BF1

Sampled: 8/9/2007

Job Number:

Sample ID:

07B30**519**

Sampled: 8/9

NOT SPECIFIED

Sample Matrix:

SOIL

Results

Date Analyzed Analyst RL

SPEC Limit

Hi

P/F

Solids, total

%

Units

91.7

08/11/07

MAM

Lo

. , .

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

8/14/2007

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

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Project Location: BEACON N.Y.

LIMS-BAT #: LIMT-08670

Date Received:

8/10/2007

Job Number:

Field Sample #: BF1 Sample ID:

07B30520

Sampled: 8/9/2007

NOT SPECIFIED

Sample Matrix:

Units

Results

Date

Analyst RL **SPEC Limit**

P/F

SOIL

Analyzed

Lo Hi

SPECIAL TEST

08/13/07 PEL

SUBCONTRACTED ANALYSIS FOR HERBICIDE BY METHOD SW8151.

PARAMETER	RESULTS	. RL	UNITS
2,4,5 - T	ND	21	ug/Kg
2,4,5 - TP	ND	21	ug/Kg
2,4 - D	ND	106	ug/Kg
2,4 - DB	ND	106	ug/Kg
DALAPON	ND	530	ug/Kg
DICAMBA	ND	32	ug/Kg
DICHLOROPROP	ND	106	ug/Kg
DINOSEB	ND	11	ug/Kg

SURROGATE RECOVERY 100%

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



JEFF JAMES TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Project Location: BEACON N.Y. Date Received: 8/10/2007

Purchase Order No.: MGP BEACON

LIMS-BAT #: LIMT-08670

8/14/2007

Page 13 of 13

Job Number:

** END OF REPORT **

RL = Reporting Limit

NM = Not Measured

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 1 of	32
QC Batch Number:	GC/ECD-10092				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B30519					
	Decachlorobiphenyl	Surrogate Recovery	114.5	%	30-150
	Tetrachloro-m-Xylene	Surrogate Recovery	103.9	%	30-150
BLANK-105579	·				
	Chlordane	Blank	<0.020	mg/kg dry wt	
	PCB-1232	Blank	<0.020	mg/kg dry wt	
	PCB-1242	Blank	<0.020	mg/kg dry wt	
	PCB-1254	Blank	<0.020	mg/kg dry wt	
	PCB-1260	Blank	<0.020	mg/kg dry wt	
	PCB-1248	Blank	<0.020	mg/kg dry wt	
	PCB-1221	Blank	<0.020	mg/kg dry wt	
	Hexachlorobenzene	Blank	<0.005	mg/kg dry wt	
	alpha-BHC	Blank	<0.005	mg/kg dry wt	
	delta-BHC	Blank	<0.005	mg/kg dry wt	
	beta-BHC	Blank	<0.005	mg/kg dry wt	
•	gamma-BHC (Lindane)	Blank	<0.003	mg/kg dry wt	
	Heptachlor	Blank	<0.005	mg/kg dry wt	
	Aldrin	Blank	<0.005	mg/kg dry wt	
	Heptachlor Epoxide	Blank	<0.005	mg/kg dry wt	
	Endosulfan I	Blank	<0.005	mg/kg dry wt	
	4,4-DDE	Blank	<0.0010	mg/kg dry wt	
	Dieldrin	Blank	<0.0040	mg/kg dry wt	
	Endrin	Blank	<0.008	mg/kg dry wt	
	4,4-DDD	Blank	<0.0010	mg/kg dry wt	
	Endosulfan II	Blank	<0.008	mg/kg dry wt	
	4,4-DDT	Blank	<0.0010	mg/kg dry wt	
	Endrin Aldehyde	Blank	<0.008	mg/kg dry wt	
	Endosulfan Sulfate	Blank	<0.008	mg/kg dry wt	
	Methoxychlor	Blank	<0.050	mg/kg dry wt	
	Toxaphene	Blank	<0.100	mg/kg dry wt	
	PCB 1016	Blank	<0.020	mg/kg dry wt	
	PCB 1262	Blank	<0.020	mg/kg dry wt	
	PCB 1268	Blank	<0.020	mg/kg dry wt	
	Endrin Ketone	Blank	<0.008	mg/kg dry wt	
	Alachlor	Blank	<0.020	mg/kg dry wt	
LFBLANK-66874		* · · ·	•		
	PCB-1260	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.193	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.542	%	40-140
		Dup Lab Fort BI Amt.	0.200	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.208	mg/kg dry wt	
		Dup Lab Fort BI %Rec	104.171	%	
		Lab Fort Blank Range	7.629	units	
		Lab Fort Bl. Av. Rec	100.357	%	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 2 of 32			
QC Batch Numbe	r: GC/ECD-10092					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
LFBLANK-66874						
	PCB-1260	LFB Duplicate RPD	7.601	%	0-30	
	Hexachlorobenzene	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
		Lab Fort Blk. Found	0.011	mg/kg dry wt		
		Lab Fort Blk. % Rec.	116.000	%	40-140	
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt		
		Dup Lab Fort BI %Rec	109.000	%		
		Lab Fort Blank Range	6.999	units		
		Lab Fort Bl. Av. Rec	112.500	%		
		LFB Duplicate RPD	6.222	%	0-30	
	alpha-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
		Lab Fort Blk. Found	0.009	mg/kg dry wt		
		Lab Fort Blk. % Rec.	93.000	%	40-140	
		Dup Lab Fort Bl Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.009	mg/kg dry wt		
		Dup Lab Fort BI %Rec	92.000	%		
		Lab Fort Blank Range	1.000	units		
		Lab Fort Bl. Av. Rec	92.500	%		
		LFB Duplicate RPD	1.081	%	0-30	
	delta-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
		Lab Fort Blk. Found	0.009	mg/kg dry wt		
-		Lab Fort Blk. % Rec.	96.000	%	40-140	
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.009	mg/kg dry wt		
		Dup Lab Fort BI %Rec	95.000	%		
		Lab Fort Blank Range	1.000	units		
		Lab Fort Bl. Av. Rec	95.500	%		
		LFB Duplicate RPD	1.047	%	0-30	
	beta-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
		Lab Fort Blk. Found	0.009	mg/kg dry wt		
		Lab Fort Blk. % Rec.	99.000	%	40-140	
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.009	mg/kg dry wt		
		Dup Lab Fort BI %Rec	98.000	%		
		Lab Fort Blank Range	1.000	units		
		Lab Fort Bl. Av. Rec	98.500	%		
		LFB Duplicate RPD	1.015	%	0-30	
	gamma-BHC (Lindane)	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
	, ,	Lab Fort Blk. Found	0.011	mg/kg dry wt	:	
		Lab Fort Blk. % Rec.	115.000	%	40-140	
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.011	mg/kg dry wt		
		Dup Lab Fort BI %Rec	112.000	%		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat # :	LIMT-08670		Page 3 of	32
QC Batch Number:	GC/ECD-10092					
Sample Id	Analysis	QC	Analysis	Values	Units	Limits
LFBLANK-66874						-
	gamma-BHC (Lindane)	Lab	Fort Blank Range	3.000	units	
		Lab	Fort Bl. Av. Rec	113.500	%	
		LFE	B Duplicate RPD	2.643	%	0-30
	Heptachlor		Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab	Fort Blk. Found	0.009	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	99.000	%	40-140
		Dup	Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Dup	Lab Fort Bl. Fnd	0.009	mg/kg dry wt	
		Dup	Lab Fort Bl %Rec	98.000	%	
		Lab	Fort Blank Range	1.000	units	
		Lat	Fort Bl. Av. Rec	98.500	%	
		LFE	3 Duplicate RPD	1.015	%	0-30
	Aldrin	Lab	Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab	Fort Blk. Found	0.009	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	97.000	%	40-140
		Duj	Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Duj	Lab Fort Bl. Fnd	0.009	mg/kg dry wt	
		Duj	Lab Fort BI %Rec	97.000	%	
		Lab	Fort Blank Range	0.000	units	
		Lat	Fort Bl. Av. Rec	97.000	%	
		LF	3 Duplicate RPD	0.000	%	0-30
	Heptachlor Epoxide	Lab	Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab	Fort Blk. Found	0.010	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	102.000	%	40-140
		Duj	Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Du	Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Duj	Lab Fort BI %Rec	104.000	%	
		Lab	Fort Blank Range	2.000	units	
		Lat	Fort Bl. Av. Rec	103.000	%	
		LFE	3 Duplicate RPD	1.941	%	0-30
	Endosulfan I	Lat	Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab	Fort Blk. Found	0.009	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	98.000	%	40-140
		Duj	Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Duj	Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Duj	Lab Fort BI %Rec	101.000	%	
		Lat	Fort Blank Range	3.000	units	
		Lat	Fort Bl. Av. Rec	99.500	%	
		LF	3 Duplicate RPD	3.015	%	0-30
	4,4-DDE	Lat	Fort Blank Amt.	0.0100	mg/kg dry wt	
		Lat	Fort Blk. Found	0.0095	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	95.0000	%	40-140
		Duj	Lab Fort BI Amt.	0.0100	mg/kg dry wt	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

CG Batch Number: GCFCD-10092	Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 4 of	32
Lab Fort Bi. Find		r: GC/ECD-10092				
A,4-DDE	Sample Id	Analysis	QC Analysis	Values	Units	Limits
Dup Lab Fort Blank Range	LFBLANK-66874					•
Lab Fort Bil. Av. Rec		4,4-DDE	•		mg/kg dry wt	
Lab Fort Bi. Av. Rec			Dup Lab Fort BI %Rec	98.0000	%	
Lab Fort Blank Amt.			Lab Fort Blank Range	3.0000		
Dieldrin			Lab Fort Bl. Av. Rec	96.5000		
Lab Fort Bik. Found Lab Fort Bik. W. Rec. Dup Lab Fort Bi Amt. Dup Lab F			LFB Duplicate RPD	3.1088	%	0-30
Lab Fort Bilk. % Rec.		Dieldrin		0.0100	mg/kg dry wt	
Dup Lab Fort BI Amt.			Lab Fort Blk. Found	0.0100	mg/kg dry wt	
Dup Lab Fort BI. Find			Lab Fort Blk. % Rec.	100.0000	%	40-140
Dup Lab Fort BI %Rec			Dup Lab Fort BI Amt.	0.0100	mg/kg dry wt	
Lab Fort Blank Range			Dup Lab Fort Bl. Fnd	0.0101	mg/kg dry wt	
Endrin Endrin			Dup Lab Fort BI %Rec	101.0000	%	
Endrin Lab Fort Blank Amt. Lab Fort Blk. Found Lab Fort Blk. Found Lab Fort Blk. Rec. 103.000 % 40-140 Dup Lab Fort Bl Amt. Dup Lab Fort Bl Amt. Dup Lab Fort Bl MRec Dup Lab Fort Bl MRec Dup Lab Fo			Lab Fort Blank Range	1.0000	units	
Endrin Lab Fort Blank Amt. Lab Fort Blk. Found 0.010 mg/kg dry wt Lab Fort Blk. Found 0.010 mg/kg dry wt Lab Fort Blk. Found 0.010 mg/kg dry wt Dup Lab Fort Bl Amt. 0.010 mg/kg dry wt Dup Lab Fort Bl Amt. 0.010 mg/kg dry wt Dup Lab Fort Bl Find 0.010 mg/kg dry wt Dup Lab Fort Bl Find 0.010 mg/kg dry wt Dup Lab Fort Bl Find 0.010 mg/kg dry wt Dup Lab Fort Blank Range 1.000 units Lab Fort Blank Range 1.000 mg/kg dry wt Lab Fort Blank Amt. 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Find 0.0480 mg/kg dry wt Dup Lab Fort Bl Find 0.0480 mg/kg dry wt Dup Lab Fort Bl Find 0.0480 mg/kg dry wt Dup Lab Fort Bl Find 0.0480 mg/kg dry wt Dup Lab Fort Bl Find 0.0500 mg/kg dry wt Dup Lab Fort Bl Find 0.0500 mg/kg dry wt Dup Lab Fort Bl Find 0.0000 % 0.030 Endosulfan II Lab Fort Blank Amt. 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0500 mg/kg dry wt Dup Lab Fort Bl Find 0.0			Lab Fort Bl. Av. Rec	100.5000	%	
Lab Fort Blk. Found Lab Fort Blk. Rec. 103.000 % 40-140 Dup Lab Fort Bl Amt. Dup Lab Fort Bl Amt. Dup Lab Fort Bl MRec 104.000 % Lab Fort Bl MRec 104.000 % Lab Fort Bl MRec 105.500 % Lab Fort Bl MRec 105.500 % Lab Fort Bl MRec 105.500 % LFB Duplicate RPD 0.966 % 0-30 Mg/kg dry wt Lab Fort Bl MRec 105.500 % LFB Duplicate RPD 0.966 % 0-30 Mg/kg dry wt Lab Fort Blk. Found 0.0480 Mg/kg dry wt Lab Fort Blk. Found 0.0480 Mg/kg dry wt Lab Fort Bl Mmt. 0.0500 Mg/kg dry wt Dup Lab Fort Bl Mmt. 0.0500 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0400 % 0.0400 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0500 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0500 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0500 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0000 % 0.030 Dup Lab Fort Bl MRec 0.0000 % 0.030 Dup Lab Fort Blank Amt. 0.050 Mg/kg dry wt Dup Lab Fort Blank Amt. 0.050 Mg/kg dry wt Dup Lab Fort Blank Amt. 0.050 Mg/kg dry wt Dup Lab Fort Bl MRec 0.0000 % 0.030 Dup Lab Fort Bl Amt. 0.050 Mg/kg dry wt Dup La			LFB Duplicate RPD	0.9950	%	0-30
Lab Fort Blk. % Rec. 103.000 % 40-140 Dup Lab Fort Bl Amt. 0.010 mg/kg dry wt Dup Lab Fort Bl Amt. 0.010 mg/kg dry wt Dup Lab Fort Bl Fnd 0.010 mg/kg dry wt Dup Lab Fort Bl %Rec 104.000 % units Lab Fort Blank Range 1.000 units Lab Fort Bl. Av. Rec 103.500 % Use Fort Bl. Av. Rec 103.500 mg/kg dry wt Lab Fort Bl. Av. Rec 10.0500 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl %Rec 96.0000 % mg/kg dry wt Dup Lab Fort Bl %Rec 96.0000 % Lab Fort Blank Range 0.0000 units Lab Fort Blank Range 0.0000 wnits Lab Fort Blank Range 0.0000 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blank Range 0.0000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Blank Range 0.0000 wnits Lab Fort Blank Range 0.000		Endrin	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
Dup Lab Fort BI Amt. Dup Lab Fort BI Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Aw. Rec 104.000 William Find BI. Aw. Rec 103.500 % Lab Fort BI. Aw. Rec 103.500 William Find BI. Aw. Rec Duplicate RPD D.966 % D.90 William Find BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Find Dup Lab Fort BI. Aw. Rec 96.0000 % D-30 William Find BI. Aw. Rec Head Find BI. Aw. Rec Head Find BI. Find Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Find D.050 mg/kg dry wt Dup Lab Fort BI. Rec Dup Hills Find D.050 mg/kg dry wt Dup Lab Fort BI. Rec Dup Hills Find D.050 mg/kg dry wt Dup Lab Fort BI. Rec Dup Hills Find D.050 mg/kg dry wt Dup Lab Fort BI. Rec Dup Hills Find D.050 mg/kg dry wt Dup Lab Fort BI. Rec Dup Hills Find D.050 mg/kg dry wt Dup Lab Fort BI. Aw. Rec Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills Dup Hills Find D.000 Wills D.000 Wills D.000 Wills D.000 Wills D.0000 Wills			Lab Fort Blk. Found	0.010	mg/kg dry wt	
Dup Lab Fort BI. Fnd Dup Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Dup Lab Fort BI WRec Lab Fort BI WRec Dup Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Dup Lab Fort BI WRec Lab Fort BI WRec Lab Fort BI WRec Dup Lab Fort BI WRec Dup Lab Fort BI WRec Dup Lab Fort BI Wrec Dup Lab Fort BI Wrec Dup Lab Fort BI Wrec Dup Lab Fort BI Wrec D			Lab Fort Blk. % Rec.	103.000	%	40-140
Dup Lab Fort BI %Rec			Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
Lab Fort Blank Range Lab Fort Bl. Av. Rec LFB Duplicate RPD 0.966 % 0-30 4,4-DDD Lab Fort Blk. Found Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. W Rec. Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Rmt. 0.0500 mg/kg dry wt 0.			Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
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LFB Duplicate RPD			Lab Fort Blank Range	1.000	units	
4,4-DDD Lab Fort Blank Amt. 0.0500 mg/kg dry wt Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. Rec. 96.0000 % 40-140 Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl Fnd 0.0480 mg/kg dry wt Dup Lab Fort Bl Fnd 0.0480 mg/kg dry wt Dup Lab Fort Bl Rec 96.0000 % Lab Fort Blank Range 0.0000 units Lab Fort Bl. Av. Rec 96.0000 % LFB Duplicate RPD 0.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. Rec. 100.000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl Rec 100.000 % 40-140 Dup Lab Fort Bl Range 0.000 units Lab Fort Bl Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Lab Fort Bl. Av. Rec	103.500	%	
Lab Fort Blk. Found 0.0480 mg/kg dry wt Lab Fort Blk. % Rec. 96.0000 % 40-140 Dup Lab Fort Bl Amt. 0.0500 mg/kg dry wt Dup Lab Fort Bl. Fnd 0.0480 mg/kg dry wt Dup Lab Fort Bl MRec 96.0000 % units Lab Fort Blank Range 0.0000 units Lab Fort Bl. Av. Rec 96.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl MRec 100.000 % 10000 % 10000 White Dup Lab Fort Bl MRec 100.000 % 10000 White Dup Lab Fort Bl MRec 100.000 % 10000 White Dup Lab Fort Bl MRec 100.000 % 10000 White Dup Lab Fort Bl MRec 100.000 % 10000 White Dup Lab Fort Bl MRec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 10000 White Dup Lab Fort Bl MV. Rec 100.000 % 100000 White Dup Lab Fort Bl MV. Rec 100.000 White Dup Lab Fort Bl MV. Rec 100.000 % 100000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec 100.0000 White Dup Lab Fort Bl MV. Rec			LFB Duplicate RPD	0.966	%	0-30
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Dup Lab Fort BI Amt. 0.0500 mg/kg dry wt			Lab Fort Blk. Found	0.0480	mg/kg dry wt	
Dup Lab Fort BI. Find 0.0480 mg/kg dry wt Dup Lab Fort BI %Rec 96.0000 % Lab Fort BI MRec 96.0000 units Lab Fort BI. Av. Rec 96.0000 % LFB Duplicate RPD 0.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort BIk. Found 0.050 mg/kg dry wt Lab Fort BIk. % Rec. 100.000 % 40-140 Dup Lab Fort BI Amt. 0.050 mg/kg dry wt Dup Lab Fort BI. Find 0.050 mg/kg dry wt Dup Lab Fort BI. Find 0.050 mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % 100.000 % Lab Fort BI %Rec 100.000 % Lab Fort BI %Rec 100.000 % Lab Fort BI MRec 100.000 % 100.0000 % 100.			Lab Fort Blk. % Rec.	96.0000	%	40-140
Dup Lab Fort BI %Rec 96.0000 % Lab Fort Blank Range 0.0000 units Lab Fort BI. Av. Rec 96.0000 % LFB Duplicate RPD 0.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort BI Amt. 0.050 mg/kg dry wt Dup Lab Fort BI. Fnd 0.050 mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort BI. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort Bl Amt.	0.0500	mg/kg dry wt	
Lab Fort Blank Range 0.0000 units Lab Fort Bl. Av. Rec 96.0000 % LFB Duplicate RPD 0.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl. Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl. Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort Bl. Fnd	0.0480	mg/kg dry wt	
Lab Fort BI. Av. Rec 96.0000 % LFB Duplicate RPD 0.0000 % 0-30 Endosulfan II Lab Fort Blank Amt. 0.050 mg/kg dry wt Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort BI Amt. 0.050 mg/kg dry wt Dup Lab Fort BI. Fnd 0.050 mg/kg dry wt Dup Lab Fort BI. Fnd 0.050 mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort BI. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort BI %Rec	96.0000	%	
Endosulfan II Lab Fort Blank Amt. Lab Fort Blk. Found Lab Fort Blk. % Rec. Dup Lab Fort Bl Amt. Dup Lab Fort Bl. Fnd Dup Lab Fort Bl. Fnd Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Lab Fort Blank Range Lab Fort Bl. Av. Rec Lab Fort Bl. Av. Rec LFB Duplicate RPD D.0000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec 100.000 Mor/kg dry wt Dup Lab Fort Bl %Rec Dup Lab Fort			Lab Fort Blank Range	0.0000	units	
Endosulfan II Lab Fort Blank Amt. Lab Fort Blk. Found Lab Fort Blk. % Rec. Dup Lab Fort Bl Amt. Dup Lab Fort Bl. Fnd Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Dup Lab Fort Bl %Rec Lab Fort Blank Range Lab Fort Bl. Av. Rec Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec Dup Lab Fort Bl. Av. Rec			Lab Fort Bl. Av. Rec	96.0000	%	
Lab Fort Blk. Found 0.050 mg/kg dry wt Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl. Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			LFB Duplicate RPD	0.0000	%	0-30
Lab Fort Blk. % Rec. 100.000 % 40-140 Dup Lab Fort Bl Amt. 0.050 mg/kg dry wt Dup Lab Fort Bl. Fnd 0.050 mg/kg dry wt Dup Lab Fort Bl %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30		Endosulfan II	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
Dup Lab Fort BI Amt. 0.050 mg/kg dry wt Dup Lab Fort BI. Fnd 0.050 mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort BI. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Lab Fort Blk. Found	0.050	mg/kg dry wt	
Dup Lab Fort BI. Fnd 0.050 mg/kg dry wt Dup Lab Fort BI %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort BI. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Lab Fort Blk. % Rec.	100.000	%	40-140
Dup Lab Fort BI %Rec 100.000 % Lab Fort Blank Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort BI Amt.	0.050	mg/kg dry wt	
Lab Fort Blank Range 0.000 units Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort Bl. Fnd	0.050	mg/kg dry wt	
Lab Fort Bl. Av. Rec 100.000 % LFB Duplicate RPD 0.000 % 0-30			Dup Lab Fort BI %Rec	100.000	%	
LFB Duplicate RPD 0.000 % 0-30			Lab Fort Blank Range	0.000	units	
LFB Duplicate RPD 0.000 % 0-30			Lab Fort Bl. Av. Rec	100.000	%	
4.4-DDT Lab Fort Blank Amt. 0.0500 mg/kg dry wt			LFB Duplicate RPD	0.000		0-30
, and the state of		4,4-DDT	Lab Fort Blank Amt.	0.0500	mg/kg dry wt	
Lab Fort Blk. Found 0.0480 mg/kg dry wt			Lab Fort Blk. Found	0.0480	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

QC Batch Number: GC/ECD-100 Sample Id Analysis LFBLANK-66874 4,4-DDT Endrin Aldehyd Endosulfan Su Methoxychlor					
Endrin Aldehyo Endosulfan Su Methoxychlor	92				
Endrin Aldehyo Endosulfan Su Methoxychlor		QC Analysis	Values	Units	Limits
Endrin Aldehyd Endosulfan Su Methoxychlor					
Endosulfan Su Methoxychlor		Lab Fort Blk. % Rec.	96.0000	%	40-140
Endosulfan Su Methoxychlor		Dup Lab Fort BI Amt.	0.0500	mg/kg dry wt	
Endosulfan Su Methoxychlor		Dup Lab Fort BI. Fnd	0.0480	mg/kg dry wt	
Endosulfan Su Methoxychlor		Dup Lab Fort BI %Rec	96.0000	%	
Endosulfan Su Methoxychlor		Lab Fort Blank Range	0.0000	units	
Endosulfan Su Methoxychlor		Lab Fort Bl. Av. Rec	96.0000	%	
Endosulfan Su Methoxychlor	_	LFB Duplicate RPD	0.0000	%	0-30
Methoxychlor	е	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
Methoxychlor		Lab Fort Blk, Found	0.009	mg/kg dry wt	40.440
Methoxychlor		Lab Fort Blk. % Rec.	98.000	%	40-140
Methoxychlor		Dup Lab Fort Bl Amt.	0.010	mg/kg dry wt	
Methoxychlor		Dup Lab Fort Bl. Fnd	0.011	mg/kg dry wt	
Methoxychlor		Dup Lab Fort Bl %Rec	110.000	%	
Methoxychlor		Lab Fort Blank Range	12.000	units	
Methoxychlor		Lab Fort Bl. Av. Rec	104.000	%	0.00
Methoxychlor	£. 4	LFB Duplicate RPD	11.538	%	0-30
· .	rate	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
· .		Lab Fort Blk. Found	0.048	mg/kg dry wt	40.440
· .		Lab Fort Blk. % Rec.	96.000	%	40-140
· .		Dup Lab Fort Bl Amt.	0.050	mg/kg dry wt	
· .		Dup Lab Fort Bl. Fnd	0.049	mg/kg dry wt	
· .		Dup Lab Fort Bi %Rec	98.000	%	
· .		Lab Fort Blank Range	2.000	units	
		Lab Fort Bl. Av. Rec	97.000	%	0.00
		LFB Duplicate RPD	2.061	%	0-30
PCB 1016		Lab Fort Blank Amt.	0.050	mg/kg dry wt	
PCB 1016		Lab Fort Blk. Found	0.054	mg/kg dry wt	40.440
PCB 1016		Lab Fort Blk. % Rec.	108.000	%	40-140
PCB 1016		Dup Lab Fort BI Amt.	0.050	mg/kg dry wt	
PCB 1016		Dup Lab Fort Bl. Fnd	0.055	mg/kg dry wt	
PCB 1016		Dup Lab Fort Block Page	110.000	%	
PCB 1016		Lab Fort Blank Range	2.000	units %	
PCB 1016		Lab Fort Bl. Av. Rec	109.000 1.834	% %	0.20
PCB 1016		LFB Duplicate RPD Lab Fort Blank Amt.			0-30
		Lab Fort Blk, Found	0.200	mg/kg dry wt	
		Lab Fort Blk, Found Lab Fort Blk, % Rec.	0.206 103.141	mg/kg dry wt	40-140
		Dup Lab Fort Bl Amt.	0.200	%	40-140
		•		mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.222	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	111.116	%	
		Lab Fort Blank Range	7.975	units	
		Lab Fort Bl. Av. Rec LFB Duplicate RPD	107.128 7.444	% %	0-30



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	8/14/2007 Lims Bat #: LIMT-08670		Page 6 of	32
QC Batch Numbe	r: GC/ECD-10092				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-66874				- · · · · · · · · · · · · · · · · · · ·	
	Endrin Ketone	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.009	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.000	%	40-140
		Dup Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	107.000	%	
		Lab Fort Blank Range	8.999	units	
		Lab Fort Bl. Av. Rec	102.500	%	
		LFB Duplicate RPD	8.780	%	0-50
	Alachlor	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
		Lab Fort Blk. Found	0.060	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.000	%	40-140
		Dup Lab Fort Bl Amt.	0.050	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.058	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	116.000	%	
		Lab Fort Blank Range	4.000	units	
		Lab Fort Bl. Av. Rec	118.000	%	
		LFB Duplicate RPD	3.389	%	0-30
			0.000	• •	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:		ns Bat # : LIMT-08670	Page 7 of 32		
QC Batch Number:	GCMS/SEMI-9723				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B30519					
	Phenol-d6	Surrogate Recovery	37.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	34.0	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	31.0	%	30-130
•	2,4,6-Tribromophenol	Surrogate Recovery	19.0	%	30-130
	Terphenyl-d14	Surrogate Recovery	37.0	%	30-130
	2-Fluorophenol	Surrogate Recovery	35.5	%	30-130
BLANK-105606					
	1,4-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Naphthalene	Blank	<0.17	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Acenaphthene	Blank	<0.17	mg/kg dry wt	
	Acenaphthylene	Blank	<0.17	mg/kg dry wt	
	Aniline	Blank	< 0.34	mg/kg dry wt	
	Anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt	
	Benzoic Acid	Blank	<1.00	mg/kg dry wt	
	Bis(2-chloroethyl)ether	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroethoxy)methane	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroisopropyl)ether	Blank-	< 0.34	mg/kg dry wt	
	Bis(2-ethylhexyl)phthalate	Blank	< 0.34	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	<0.34	mg/kg dry wt	
	Butylbenzylphthalate	Blank	<0.67	mg/kg dry wt	
•	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	<0.34	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	< 0.34	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	<0.34	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	<0.34	mg/kg dry wt	
	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
	Di-n-butylphthalate	Blank	<0.34	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	2,6-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azoben:	zene) Blank	< 0.34	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	< 0.34	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 8 of 3		32
QC Batch Number	: GCMS/SEMI-9723				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-105606					
	Hexachlorobutadiene	Blank	<0.34	mg/kg dry wt	
	Hexachlorocyclopentadiene	Blank	<0.67	mg/kg dry wt	
	Hexachloroethane	Blank	< 0.34	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.17	mg/kg dry wt	
	Isophorone	Blank	<0.34	mg/kg dry wt	
	.2-Methylnaphthalene	Blank	<0.17	mg/kg dry wt	
	2-Nitroaniline	Blank	<0.34	mg/kg dry wt	
	3-Nitroaniline	Blank	< 0.34	mg/kg dry wt	
•	Nitrobenzene	Blank	< 0.34	mg/kg dry wt	
	N-Nitroso-di-n-propylamine	Blank	< 0.34	mg/kg dry wt	
	N-Nitrosodiphenylamine	Blank	< 0.34	mg/kg dry wt	
	Phenanthrene	Blank	<0.17	mg/kg dry wt	
	Pyrene	Blank	<0.17	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	< 0.34	mg/kg dry wt	
	4-Chloro-3-methylphenol	Blank	< 0.67	mg/kg dry wt	
	2-Chlorophenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dichlorophenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dimethylphenol	Blank	< 0.34	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dinitrophenol	Blank	< 0.67	mg/kg dry wt	
	o-cresol	Blank	< 0.34	mg/kg dry wt	
	m & p-cresol(s)	Blank	< 0.34	mg/kg dry wt	
	2-Nitrophenol	Blank	<0.34	mg/kg dry wt	
	4-Nitrophenol	Blank	< 0.67	mg/kg dry wt	
	Phenol	Blank	<0.34	mg/kg dry wt	
	2,4,5-Trichlorophenol	Blank	<0.34	mg/kg dry wt	
	2,4,6-Trichlorophenol	Blank	<0.34	mg/kg dry wt	
	Pentachlorophenol	Blank	< 0.34	mg/kg dry wt	
	Pyridine	Blank	<0.17	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Acetophenone	Blank	<0.34	mg/kg dry wt	
	Carbazole	Blank	<0.17	mg/kg dry wt	
	Pentachloronitrobenzene	Blank	< 0.34	mg/kg dry wt	
	1,2,4,5-Tetrachlorobenzene	Blank	<0.34	mg/kg dry wt	
BLANK-105630					
	1,4-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Naphthalene	Blank	<0.17	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Acenaphthene	Blank	<0.17	mg/kg dry wt	
	Acenaphthylene	Blank	<0.17	mg/kg dry wt	
	Aniline	Blank	<0.34	mg/kg dry wt	
	Anthracene	Blank	<0.17	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007 Lim	Bat #: LIMT-08670	Page 9 of 32		
QC Batch Number	: GCMS/SEMI-9723				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
3LANK-105630	. ,				
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt	
	Benzoic Acid	Blank	<1.00	mg/kg dry wt	
	Bis(2-chloroethyl)ether	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroethoxy)methane	Blank	<0.34	mg/kg dry wt	•
	Bis(2-chloroisopropyl)ether	Blank	<0.34	mg/kg dry wt	
	Bis(2-ethylhexyl)phthalate	Blank	<0.34	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	<0.34	mg/kg dry wt	
	Butylbenzylphthalate	Blank	<0.67	mg/kg dry wt	
	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	<0.34	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	<0.34	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	< 0.34	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	< 0.34	mg/kg dry wt	
4	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
	Di-n-butylphthalate	Blank	< 0.34	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	< 0.34	mg/kg dry wt	
	2,6-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azoben:	zene) Blank	<0.34	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	< 0.34	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.34	mg/kg dry wt	
	Hexachlorocyclopentadiene	Blank	<0.67	mg/kg dry wt	
	Hexachloroethane	Blank	< 0.34	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.17	mg/kg dry wt	
	Isophorone	Blank	< 0.34	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.17	mg/kg dry wt	
	2-Nitroaniline	Blank	< 0.34	mg/kg dry wt	
	3-Nitroaniline	Blank	<0.34	mg/kg dry wt	
	Nitrobenzene	Blank	<0.34	mg/kg dry wt	
	N-Nitroso-di-n-propylamine	Blank	<0.34	mg/kg dry wt	
	N-Nitrosodiphenylamine	Blank	<0.34	mg/kg dry wt	
	Phenanthrene	Blank	<0.17	mg/kg dry wt	
	Pyrene	Blank	<0.17	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.34	mg/kg dry wt	
	4-Chloro-3-methylphenol	Blank	<0.67	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 10 of 32		
QC Batch Number:	GCMS/SEMI-9723			7.000	
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-105630	1/21/1				i
	2-Chlorophenol	Blank	<0.34	mg/kg dry wt	
	2,4-Dichlorophenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dimethylphenol	Blank	< 0.34	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dinitrophenol	Blank	<0.67	mg/kg dry wt	
	o-cresol	Blank	<0.34	mg/kg dry wt	
	m & p-cresol(s)	Blank	<0.34	mg/kg dry wt	
	2-Nitrophenol	Blank	<0.34	mg/kg dry wt	
	4-Nitrophenol	Blank	<0.67	mg/kg dry wt	
	Phenol	Blank	<0.34	mg/kg dry wt	
	2,4,5-Trichlorophenol	Blank	<0.34	mg/kg dry wt	
	2,4,6-Trichlorophenol	Blank	<0.34	mg/kg dry wt	
	Pentachlorophenol	Blank	< 0.34	mg/kg dry wt	
	Pyridine	Blank	<0.17	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Acetophenone	Blank	< 0.34	mg/kg dry wt	
	Carbazole	Blank	<0.17	mg/kg dry wt	
	Pentachloronitrobenzene	Blank	<0.34	mg/kg dry wt	
	1,2,4,5-Tetrachlorobenzene	Blank	<0.34	mg/kg dry wt	
FBLANK-66894					
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.88	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.27	%	40-140
	Naphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
	•	Lab Fort Blk. Found	0.81	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.75	%	40-140
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.71	%	40-140
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.95	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
	•	Lab Fort Blk. % Rec.	50.63	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
	, ,	Lab Fort Blk, Found	0.83	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.09	%	40-140
	Aniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	.5 . 10
		Lab Fort Blk. Found	0.56	mg/kg dry wt	
		Lab Fort Blk. % Rec.	34.15	%	10-140
	Anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	10-140
	, 010 HQVCHC	Lau i Ult Dialik Allit.	1.00	mu/ku uiv wi	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 11 of 32		
QC Batch Number	: GCMS/SEMI-9723				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-66894					
	Anthracene	Lab Fort Blk. % Rec.	52.17	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.90	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.35	%	40-140
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.01	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.91	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.86	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.65	%	40-140
	Benzoic Acid	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.21	mg/kg dry wt	
		Lab Fort Blk. % Rec.	13.06	%	30-130
	Bis(2-chloroethyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.85	%	40-140
	Bis(2-chloroethoxy)methane	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.33	%	40-140
	Bis(2-chloroisopropyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.93	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.07	%	40-140
•	Bis(2-ethylhexyl)phthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.96	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.81	%	40-140
	4-Bromophenyl phenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.43	%	40-140
	Butylbenzylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.93	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.31	%	40-140
	4-Chloroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.57	mg/kg dry wt	
		Lab Fort Blk. % Rec.	34.61	%	10-140
	2-Chloronaphthalene	Lab Fört Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.88	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.11	%	40-140
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.77	%	40-140



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007 Lims Bat	#: LIMT-08670		Page 12 o	f 32
QC Batch Number:	GCMS/SEMI-9723				
ample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-66894					
	Chrysene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.88	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.83	%	40-140
•	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.83	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.31	%	40-140
	Dibenzofuran	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.90	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.53	%	40-140
	3,3'-Dichlorobenzidine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.55	mg/kg dry wt	
		Lab Fort Blk. % Rec.	33.29	%	20-140
	Diethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.56	%	40-140
	Dimethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.47	%	40-140
	Di-n-butylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.73	%	40-140
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.90	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.35	%	40-140
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.39	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.01	%	40-140
	Di-n-octylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.86	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.09	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.73	%	40-140
	Fluorene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.86	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.99	%	40-140
	Hexachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.75	%	40-140
	Hexachlorobutadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

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Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 13 of 32			
QC Batch Number:	GCMS/SEMI-9723					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
FBLANK-66894						
	Hexachlorobutadiene	Lab Fort Blk. Found	0.88	mg/kg dry wt		
		Lab Fort Blk. % Rec.	53.33	%	40-140	
	Hexachlorocyclopentadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.99	mg/kg dry wt		
		Lab Fort Blk. % Rec.	59.55	%	40-140	
	Hexachloroethane	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	54.81	%	40-140	
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.84	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.43	%	40-140	
	Isophorone	Lab Fort Blank Amt.	1.66	mg/kg dry.wt		
		Lab Fort Blk. Found	0.82	mg/kg dry wt		
		Lab Fort Blk. % Rec.	49.29	%	40-140	
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.83	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.01	%	40-140	
	2-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.89	mg/kg dry wt		
		Lab Fort Blk. % Rec.	53.47	%	40-140	
	3-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.77	mg/kg dry wt		
		Lab Fort Blk. % Rec.	46.46	%	30-140	
	Nitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.86	mg/kg dry wt		
		Lab Fort Blk. % Rec.	51.79	%	40-140	
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.97	mg/kg dry wt		
		Lab Fort Blk. % Rec.	58.23	%	80-180	
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.06	mg/kg dry wt		
		Lab Fort Blk. % Rec.	63.67	%	40-140	
	Phenanthrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.88	mg/kg dry wt		
		Lab Fort Blk. % Rec.	53.09	%	40-140	
	Pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.88	mg/kg dry wt		
		Lab Fort Blk. % Rec.	53.00	%	40-140	
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.86	mg/kg dry wt		
		Lab Fort Blk. % Rec.	51.83	%	40-140	
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
	,,	Lab Fort Blk, Found	0.76	mg/kg dry wt		



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #:	LIMT-08670		Page 14 of 32	
QC Batch Number	: GCMS/SEMI-9723					
Sample Id	Analysis	Q	C Analysis	Values	U nits	Limits
LFBLANK-66894		-				
	4-Chloro-3-methylphenol	Lat	Fort Blk. % Rec.	45.98	%	30-130
	2-Chlorophenol	Lal	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	0.90	mg/kg dry wt	
		Lal	Fort Blk. % Rec.	54.11	%	30-130
	2,4-Dichlorophenol	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
•		Lat	Fort Blk. Found	0.78	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	47.13	%	30-130
	2,4-Dimethylphenol	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	0.77	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	46.61	%	30-130
	4,6-Dinitro-2-methylphenol	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	0.59	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	35.68	%	30-130
	2,4-Dinitrophenol	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	0.32	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	19.54	%	10-130
	o-cresol	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	1.00	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	60.34	%	30-130
	m & p-cresol(s)	Lat	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	1.11	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	66.94	%	30-130
	2-Nitrophenol	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lat	Fort Blk. Found	0.77	mg/kg dry wt	
			Fort Blk. % Rec.	46.73	%	30-130
	4-Nitrophenol		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.81	mg/kg dry wt	
			Fort Blk. % Rec.	49.01	%	30-130
	Phenol		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.89	mg/kg dry wt	
			Fort Blk. % Rec.	53.91	%	30-130
	2,4,5-Trichlorophenol		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.95	mg/kg dry wt	
			Fort Blk. % Rec.	57.09	%	30-130
	2,4,6-Trichlorophenol		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.76	mg/kg dry wt	
			Fort Blk. % Rec.	46.11	%	30-130
	Pentachlorophenol		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.57	mg/kg dry wt	
			Fort Blk. % Rec.	34.76	%	30-130
	Pyridine		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.67	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	40.73	%	30-140



QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 15 o	1 32
QC Batch Number					
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-66894					
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	•
		Lab Fort Blk. % Rec.	51.11	%	40-140
	Acetophenone	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.00	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.25	%	40-140
	Carbazole	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk, Found	0.94	mg/kg dry wt	
		Lab Fort Blk. % Rec.	56.51	%	40-140
	Pentachloronitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.43	%	40-140
	1,2,4,5-Tetrachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk, Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.69	%	40-140
LFBLANK-66932					
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.07	%	40-140
	Naphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.78	mg/kg dry wt	
		Lab Fort Blk. % Rec.	47.15	%	40-140
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.63	%	40-140
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.83	mg/kg dry wt	
		Lab Fort Blk. % Rec.	49.99	%	40-140
	Acenaphthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.80	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.41	%	40-140
	Acenaphthylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.80	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.14	%	40-140
	Aniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.87	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.23	%	10-140
	Anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.09	%	40-140
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
	• •	Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.65	%	40-140



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #:	LIMT-08670	Page 16 of 32		f 32
QC Batch Number	: GCMS/SEMI-9723					
Sample Id	Analysis	QC	Analysis	Values	Units	Limits
LFBLANK-66932						
	Benzo(a)pyrene	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab	Fort Blk. Found	0.82	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	49.49	%	40-140
	Benzo(b)fluoranthene	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab	Fort Blk. Found	0.82	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	49.23	%	40-140
	Benzo(g,h,i)perylene	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab	Fort Blk. Found	0.79	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	47.55	%	40-140
	Benzoic Acid	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab	Fort Blk. Found	0.45	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	27.16	%	30-130
	Bis(2-chloroethyl)ether	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
•		Lab	Fort Blk. Found	0.90	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	54.33	%	40-140
	Bis(2-chloroethoxy)methane	Lab 1	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab	Fort Blk. Found	0.84	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	50.87	%	40-140
	Bis(2-chloroisopropyl)ether	Lab	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab I	Fort Blk. Found	0.98	mg/kg dry wt	
		Lab I	Fort Blk. % Rec.	58.83	%	40-140
	Bis(2-ethylhexyl)phthalate	Lab I	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab I	Fort Blk. Found	1.12	mg/kg dry wt	
		Lab I	ort Blk. % Rec.	67.37	%	40-140
	4-Bromophenyl phenyl ether	Lab I	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab I	Fort Blk. Found	0.75	mg/kg dry wt	
•		Lab I	Fort Blk. % Rec.	45.21	%	40-140
	Butylbenzylphthalate	Lab I	Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab I	Fort Blk. Found	1.06	mg/kg dry wt	
		Lab I	Fort Blk. % Rec.	64.09	%	40-140
	4-Chloroaniline	Lab I	ort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.78	mg/kg dry wt	
			Fort Blk. % Rec.	47.24	%	10-140
	2-Chloronaphthalene		Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab I	Fort Blk. Found	0.83	mg/kg dry wt	
		Lab I	Fort Blk. % Rec.	49.83	%	40-140
	4-Chlorophenylphenyl ether		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.85	mg/kg dry wt	
		Lab I	Fort Blk. % Rec.	51.13	%	40-140
	Chrysene		Fort Blank Amt.	1.66	mg/kg dry wt	
			Fort Blk. Found	0.87	mg/kg dry wt	
			ort Blk. % Rec.	52.43	%	40-140
	Dibenz(a,h)anthracene	Lab F	ort Blank Amt.	1.66	mg/kg dry wt	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007 Lims B	at #: LIMT-08670	Page 17		of 32	
QC Batch Number	: GCMS/SEMI-9723					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
FBLANK-66932						
	Dibenz(a,h)anthracene	Lab Fort Blk. Found	0.76	mg/kg dry wt		
		Lab Fort Blk. % Rec.	45.89	%	40-140	
	Dibenzofuran	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.90	mg/kg dry wt		
		Lab Fort Blk. % Rec.	54.39	%	40-140	
	3,3'-Dichlorobenzidine	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.76	mg/kg dry wt		
		Lab Fort Blk. % Rec.	45.71	%	20-140	
	Diethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.13	%	40-140	
	Dimethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
•		Lab Fort Blk. Found	0.84	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.87	%	40-140	
	Di-n-butylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	1	
		Lab Fort Blk. Found	0.96	mg/kg dry wt		
		Lab Fort Blk. % Rec.	57.95	%	40-140	
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.02	mg/kg dry wt		
9.0		Lab Fort Blk. % Rec.	61.21	%	40-140	
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.98	mg/kg dry wt		
		Lab Fort Blk. % Rec.	59.09	%	40-140	
	1,2-Diphenylhydrazine (as Azobenzene) Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.85	mg/kg dry wt		
		Lab Fort Blk. % Rec.	51.53	%	40-140	
	Di-n-octylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	54.63	%	40-140	
	Fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.87	mg/kg dry wt		
		Lab Fort Blk. % Rec.	52.51	%	40-140	
	Fluorene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.87	mg/kg dry wt		
		Lab Fort Blk. % Rec.	52.65	%	40-140	
	Hexachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.84	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.73	%	40-140	
	Hexachlorobutadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.83	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.17	%	40-140	
	Hexachlorocyclopentadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
•		Lab Fort Blk. Found	0.93	mg/kg dry wt		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 18 of 32		f 32
QC Batch Number	: GCMS/SEMI-9723				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-66932					
	Hexachlorocyclopentadiene	Lab Fort Blk. % Rec.	55.83	%	40-140
	Hexachloroethane	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.95	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.77	mg/kg dry wt	
•		Lab Fort Blk. % Rec.	46.65	%	40~140
	Isophorone	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.82	mg/kg dry wt	
		Lab Fort Blk. % Rec.	49.61	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.79	mg/kg dry wt	
		Lab Fort Blk. % Rec.	47.93	%	40-140
	2-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk, Found	0.97	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.43	%	40-140
	3-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.01	mg/kg dry wt	
		Lab Fort Blk. % Rec.	61.06	%	30-140
	Nitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	54.83	%	40-140
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.95	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.17	%	80-180
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.95	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.37	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.79	%	40-140
	Pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.95	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.11	%	40-140
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.80	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.47	%	40-140
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.80	mg/kg dry wt	
		Lab Fort Blk. % Rec.	48.03	%	30-130
	2-Chlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.57	%	30-130



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date:	8/14/2007			Page 19 of 32			
QC Batch Number	r: GCMS/SEMI-9723	5/SEMI-9723					
Sample Id	Analysis	QC Analysis	Values	Units	Limits		
FBLANK-66932							
	2,4-Dichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.74	mg/kg dry wt			
		Lab Fort Blk. % Rec.	44.83	%	30-130		
	2,4-Dimethylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.74	mg/kg dry wt			
		Lab Fort Blk. % Rec.	44.79	%	30-130		
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.76	mg/kg dry wt			
		Lab Fort Blk. % Rec.	45.89	%	30-130		
	2,4-Dinitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.66	mg/kg dry wt			
		Lab Fort Blk. % Rec.	39.73	%	10-130		
	o-cresol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
	•	Lab Fort Blk. Found	0.96	mg/kg dry wt			
		Lab Fort Blk. % Rec.	57.77	%	30-130		
	m & p-cresol(s)	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	1.07	mg/kg dry wt			
		Lab Fort Blk. % Rec.	64.30	%	30-130		
	2-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.73	mg/kg dry wt			
•		Lab Fort Blk. % Rec.	44.35	%	30-130		
	4-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.99	mg/kg dry wt			
		Lab Fort Blk. % Rec.	59.79	%	30-130		
	Phenoì	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.87	mg/kg dry wt			
		Lab Fort Blk. % Rec.	52.71	%	30-130		
	2,4,5-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.92	mg/kg dry wt			
		Lab Fort Blk. % Rec.	55.53	%	30-130		
	2,4,6-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.72	mg/kg dry wt			
		Lab Fort Blk. % Rec.	43.65	%	30-130		
	Pentachlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.73	mg/kg dry wt			
		Lab Fort Blk. % Rec.	43.85	%	30-130		
	Pyridine	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.61	mg/kg dry wt			
		Lab Fort Blk. % Rec.	36.83	%	30-140		
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	0.85	mg/kg dry wt			
		Lab Fort Blk. % Rec.	51.01	%	40-140		
	Acetophenone	Lab Fort Blank Amt.	1.66	mg/kg dry wt			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 20 of 32		
QC Batch Number	:: GCMS/SEMI-9723					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
LFBLANK-66932						
	Acetophenone	Lab Fort Blk. Found	0.98	mg/kg dry wt		
		Lab Fort Blk. % Rec.	58.87	%	40-140	
	Carbazole	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.01	%	40-140	
	Pentachloronitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.96	mg/kg dry wt		
		Lab Fort Blk. % Rec.	57.93	%	40-140	
	1,2,4,5-Tetrachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.84	mg/kg dry wt		
		Lab Fort Blk. % Rec.	50.89	%	40-140	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007 Lims B	at # : LIMT-08670	Page 21 of 32		age 21 of 32	
QC Batch Number:	GCMS/VQL-17458					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
07B30519						
	1,2-Dichloroethane-d4	Surrogate Recovery	110.760	%	70-130	
	Toluene-d8	Surrogate Recovery	95.240	%	70-130	
	Bromofluorobenzene	Surrogate Recovery	89.920	%	70-130	
BLANK-105586						
	Acetone	Blank	<0.10	mg/kg dry wt		
	Benzene	Blank	<0.002	mg/kg dry wt		
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt		
	Chloroform	Blank	<0.004	mg/kg dry wt		
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt		
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt		
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt		
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt		
	MIBK	Blank	<0.020	mg/kg dry wt		
	Naphthalene	Blank	<0.004	mg/kg dry wt		
	Styrene	Blank	<0.002	mg/kg dry wt		
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt		
	Toluene	Blank	<0.002	mg/kg dry wt		
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt		
	Trichloroethylene	Blank	<0.002	mg/kg dry wt		
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt		
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt		
	o-Xylene	Blank	<0.002	mg/kg dry wt		
	m + p Xylene	Blank	<0.004	mg/kg dry wt		
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt		
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt		
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt		
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt		
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt		
	MTBE	Blank	<0.004	mg/kg dry wt		
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt		
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt		
	Methylene Chloride	Blank	<0.020	mg/kg dry wt		
	Chlorobenzene	Blank	<0.002	mg/kg dry wt		
	Chloromethane	Blank	<0.010	mg/kg dry wt		
	Bromomethane	Blank	<0.010	mg/kg dry wt		
	Chloroethane	Blank	<0.020	mg/kg dry wt		
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt		
	trans-1,3-Dichloropropene	Blank	<0.002	mg/kg dry wt		
	Chlorodibromomethane	Blank	<0.001	mg/kg dry wt		
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt		
	Bromoform	Blank	<0.002	mg/kg dry wt		
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt		
	2-Chlorotoluene	Blank	<0.002	mg/kg dry wt		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	ms Bat #: LIMT-08670 Page 22 of 33	Page 22 of 32	
QC Batch Number:	GCMS/VOL-17458				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-105586			· · · · · · · · · · · · · · · · · · ·		
	Hexachlorobutadiene	Blank	< 0.002	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	
	p-Isopropyltoluene	Blank	< 0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	< 0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	< 0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	< 0.002	mg/kg dry wt	
•	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	< 0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	< 0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg dry wt	
	Bromochloromethane	Blank	< 0.002	mg/kg dry wt	
	Bromobenzene	Blank	<0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.020	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	
	2-Hexanone	Blank	<0.020	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	< 0.004	mg/kg dry wt	
	Diethyl Ether	Blank	<0.020	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	< 0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	< 0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
.FBLANK-66876				- ,	
	Acetone	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.027	mg/kg dry wt	
		Lab Fort Blk. % Rec.	139.100	%	50-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	-
	-	Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.300	%	70-130



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:		ns Bat # : LIMT-08670		Page 23 o	1 32
QC Batch Number:					
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-66876					
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.800	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.200	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.300	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.200	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.500	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	
		Lab Fort Blk. % Rec.	126.300	%	70-160
	MIBK	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	124.600	%	70-160
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.700	%	40-130
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.600	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.200	%	70-160
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk, Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.200	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.200	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethan	e Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.800	%	40-160
•	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 24 o	f 32
QC Batch Numb	per: GCMS/VOL-17458				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-66876	6				
	Trichlorofluoromethane	Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.300	%	70-130
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.200	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.950	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.900	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.000	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.900	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.100	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.089	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.840	%	40-160
	MTBE	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.048	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.000	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.900	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.900	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.200	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.000	%	70-130
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.000	%	40-130
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 25 of	32	
QC Batch Number: GCMS/VOL-17458						
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
FBLANK-66876						
	Bromomethane	Lab Fort Blk. % Rec.	99.100	%	40-130	
	Chloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.021	mg/kg dry wt		
		Lab Fort Blk. % Rec.	109.100	%	40-160	
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.020	mg/kg dry wt		
		Lab Fort Blk. % Rec.	104.900	%	70-130	
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.017	mg/kg dry wt		
		Lab Fort Blk. % Rec.	89.300	%	70-130	
	Chlorodibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.018	mg/kg dry wt		
		Lab Fort Blk. % Rec.	92.200	%	70-130	
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
	·	Lab Fort Blk, Found	0.018	mg/kg dry wt		
		Lab Fort Blk. % Rec.	91.400	%	70-130	
	Bromoform	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.017	mg/kg dry wt		
		Lab Fort Blk. % Rec.	86.500	%	70-130	
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.017	mg/kg dry wt		
		Lab Fort Blk. % Rec.	87.200	%	70-130	
	2-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
	•	Lab Fort Blk. Found	0.019	mg/kg dry wt		
		Lab Fort Blk. % Rec.	99.300	%	70-130	
	Hexachlorobutadiene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.019	mg/kg dry wt		
		Lab Fort Blk. % Rec.	96.900	%	70-130	
	Isopropylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	,	
		Lab Fort Blk. Found	0.017	mg/kg dry wt		
		Lab Fort Blk: % Rec.	86.300	%	70-130	
	p-Isopropyltoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.018	mg/kg dry wt		
		Lab Fort Blk. % Rec.	91.900	%	70-130	
	n-Propylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.018	mg/kg dry wt		
		Lab Fort Blk. % Rec.	94.200	%	70-130	
	sec-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.017	mg/kg dry wt		
		Lab Fort Blk. % Rec.	88.600	%	70-130	
	tert-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
•		Lab Fort Blk. Found	0.020	mg/kg dry wt		
		Lab Fort Blk. % Rec.	103.400	% .	70-160	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 26 o	f 32
QC Batch Number:	GCMS/VOL-17458				
Sample Id	Analysis	QC Analysis	Values	U nits	Limits
FBLANK-66876					
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.200	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.900	%	40-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.100	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.100	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
•		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.200	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.600	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.100	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.600	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.800	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.200	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.400	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.900	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.700	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
	•	Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.500	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670		Page 27 o	f 32
QC Batch Number	r: GCMS/V O L-17458				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-66876					
	Dichlorodifluoromethane	Lab Fort Blk, Found	0.012	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.200	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.900	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.900	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk, Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.000	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.800	%	70-160
	2-Hexanone	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk, Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.600	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.700	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.900	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	81.100	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.800	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.900	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.088	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.480	%	40-130
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.800	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 28 of 32			
QC Batch Number: GCMS/VOL-17458						
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
LFBLANK-6687	6		,			
	tert-Butylethyl Ether	Lab Fort Blk. % Rec.	125.300	%	70-130	
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.024	mg/kg dry wt		
		Lab Fort Blk. % Rec.	120.800	%	70-130	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 29 of 32		f 32	
QC Batch Number: HG-7917						
Sample Id	Analysis	QC Analysis	Values	U nits	Limits	
BLANK-105648						
	Mercury	Blank	<0.010	mg/kg dry wt		
LFBLANK-66954						
	Mercury	Lab Fort Blank Amt.	0.500	mg/kg dry wt		
		Lab Fort Blk. Found	0.507	mg/kg dry wt		
•		Lab Fort Blk. % Rec.	101.500	%	80-120	



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/14/2007	Lims Bat #: LIMT-08670	Page 30 of 32			
QC Batch Number: ICP-17241						
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
BLANK-105567	7					
	Silver	Blank	<0.50	mg/kg dry wt		
	Arsenic	Blank	<2.50	mg/kg dry wt		
	Barium	Blank	<0.50	mg/kg dry wt		
	Cadmium	Blank	<0.25	mg/kg dry wt		
	Chromium	Blank	<0.50	mg/kg dry wt		
	Lead	Blank	<0.75	mg/kg dry wt		
	Selenium	Blank	<5.00	ma/ka drv wt		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

8/14/2007

Lims Bat #: LIMT-08670 Page 31 of 32

NOTES:

QC Batch No.:

GCMS/SEMI-9723

Sample ID :

07B30519

Analysis

2,4,6-Tribromophenol

SURROGATE RECOVERY OUTSIDE OF CON-TEST CONTROL LIMITS, BUT WITHIN

METHOD REQUIREMENTS.

QC Batch No.:

GCMS/SEMI-9723

Sample ID :

LFBLANK-66894

Analysis

Benzoic Acid

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No.:

GCMS/SEMI-9723

Sample ID :

LFBLANK-66932

Analysis

Benzoic Acid

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates Standard Reference Materials and Duplicates

Report Date:

8/14/2007

Lims Bat #: LIMT-08670

Page 32 of 32

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

OC BATCH NUMBER

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

Method Blanks

LIMITS

Upper and Lower Control Limits for the QC ANALYSIS Reported. values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken though all the steps of the

analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added MS Amt Measured Matrix Spike % Rec.

Amount of analyte spiked into a sample Amount of analyte found including amount that was spiked

% Recovery of spiked amount in sample.

Duplicate Value Duplicate RPD

The result from the Duplicate analysis of the sample. The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds spiked into samples to determine the performa (surrogates) to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Sur. Recovery (PID)

Surrogate Recovery on the Electrolytic Conductivity Detector. Surrogate Recovery on the Photoionization Detector.

Standard Measured Standard Amt Added Standard % Recovery Amount measured for a laboratory control sample Known value for a laboratory control sample

% recovered for a laboratory control sample with a known value.

Laboratory Fortified Blank Amount Added Laboratory Fortified Blank Amount Found Lab Fort Blank Amt Lab Fort Blk. Found Laboratory Fortified Blank % Recovered Lab Fort Blk % Rec Duplicate Laboratory Fortified Blank Amount Added Dup Lab Fort Bl Amt

Duplicate Laboratory Fortified Blank Amount Found Duplicate Laboratory Fortified Blank % Recovery Dup Lab Fort Bl Fnd Dup Lab Fort Bl % Rec Lab Fort Blank Range

Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.

Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt MSD Amount Added MSD Amt Measured MSD % Recovery

MSD Range

Sample Value for Duplicate used with Matrix Spike Duplicate Matrix Spike Duplicate Amount Added (Spiked)

Matrix Spike Duplicate Amount Measured

Matrix Spike Duplicate % Recovery Absolute difference between Matrix Spike and Matrix Spike

Duplicate Recoveries

CON-LEST® ANALYTICAL LABORATORY

Phone: 413-525-2332

CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR

Page ____ of ___

ANALYTICAL LABORATORY	Email: info@contestla	bs.com								l	EASI	LON	GIVIE	ADOV	V, WA	01028		
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www.contestlabs.com

39 Spruce Street
East-Longmeadow, MA
Phone: 1-413-525-2332

Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: KUE BUE RECEIVED BY:	DATE: \$11007
	0 10 10
1. Was chain of custody relinquished and signed?	YES NO
2. Does Chain agree with samples?	YES NO
If not, explain:	
3. All Samples in good condition?	(YES) NO
If not, explain:	
4. Were samples received in compliance with Temperature 0-6 degrees C?	YES NO Degrees:
5. Are there any dissolved samples for the lab to filter?	YES
Who was notified?D	rate:Time:
6. Are there any on hold samples? YES NO	STORED WHERE:
. Are there any short holding time samples and who was	notified?Date:Time
. Location where samples are stored:	
CONTAINERS SENT IN TO CON-TEST # of container	CONTAINERS SENT TO CON-TEST # of containers Air Cassettes
1 liter amber	8 oz clear jar
500 ml amber	4 oz clear jar
250 ml amber (8oz. Amber)	2 oz clear jar
1 liter plastic	Plastic bag
500 ml plastic	Encore
250 ml plastic	Brass Sleeves
40 ml vial—which kind—list below	Tubes
Colisure bottle	Summa cans
Dissolved oxygen bottle	Other
Flashpoint bottle	
Laboratory comments:	
# of HCL Vial# of Methanol vials# of So # of DI water(to be frozen) vialsTime and I	

ARCADIS

Sandy Hook Quarry

Backfill



REPORT DATE 8/30/2007

TRUE BLUE 5 NORTHFIELD ROAD WALLINGFORD, CT 06492 ATTN: JEFF JAMES

CONTRACT NUMBER:

PURCHASE ORDER NUMBER: MGP BEACON

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-09035

JOB NUMBER: -

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: BEACON, NY.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	
BF1	07B32434	SOIL	NOT SPECIFIED	8081+82 drywt	
BF1	07B32434	SOIL	NOT SPECIFIED	8260 dry weight	
BF1	07B32434	SOIL	NOT SPECIFIED	8270 dry weight	
BF1	07B32434	SOIL	NOT SPECIFIED	metals-8 slg icp	
BF1	07B32434	SOIL	NOT SPECIFIED	solids (percent)	
BF1	07B32435	SOIL	NOT SPECIFIED	sub special test	SUBCONTRACTED



REPORT DATE 8/30/2007

TRUE BLUE 5 NORTHFIELD ROAD WALLINGFORD, CT 06492 ATTN: JEFF JAMES

CONTRACT NUMBER:

PURCHASE ORDER NUMBER: MGP BEACON

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #;

LIMT-09035

JOB NUMBER:

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Comments:

LIMS BATCH NO.: LIMT-09035

FOR METHOD 8260, NO PRESERVED SAMPLE WAS SUPPLIED. SAMPLES WAS PRESERVED AT THE LABORATORY ON 8/27/07.

IN METHOD 8260, ANY REPORTED RESULT FOR 1,4-DIOXANE, METHYLENE CHLORIDE, OR DICHOLORODIFLUOROMETHANE IS ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET METHOD SPECIFIED CRITERIA.

IN METHOD 8260, ANY REPORTED RESULT FOR DICHLORODIFLUOROMETHANE IS LIKELY TO BE BIASED ON THE LOW SIDE BASED ON LABORATORY FORTIFIED BLANK RECOVERY BIAS.

IN METHOD 8270, ANY REPORTED RESULT FOR BIS(2-CHLOROISOPROPYL)ETHER, 4-NITROANILINE, OR BENZO(K)FLUORANTHENE IS ESTIMATED. CONTINUING CALIBRATION DID NOT MEET METHOD SPECIFIED CRITERIA.

IN METHOD 8270, ANY REPORTED RESULT FOR BENZOIC ACID OR 2,4-DINITROPHENOL IS LIKELY TO BE BIASED ON THE LOW SIDE BASED ON LABORATORY FORTIFIED BLANK RECOVERY BIAS.

IN METHOD 8270, ANY REPORTED RESULT FOR BENZOIC ACID IN SAMPLE 07B32434 IS LIKELY TO BE BIASED ON THE LOW SIDE BASED ON MATRIX SPIKE RECOVERY BIAS.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations :

AIHA 100033

AIHA ELLAP (LEAD) 100033

MASSACHUSETTS MA0100

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

CONNECTICUT PH-0567

VERMONT DOH (LEAD) No. LL015036

NEW YORK ELAP/NELAP 10899

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

CICNATURE

DATE

Tod Kopyscinski Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

Edward Denson Technical Director

^{*} See end of data tabulation for notes and comments pertaining to this sample



Purchase Order No.: MGP BEACON

Date

Analyzed

Analyst

RL

8/30/2007

LIMS-BAT #: LIMT-09035

Job Number:

SPEC Limit

Hi

Lo

Page 1 of 13

P/F

JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Project Location: BEACON, NY.

Date Received: 8/24/2007

Field Sample #: BF1

Sample ID: *07B32434

Sampled: 8/24/2007

Units

NOT SPECIFIED

Results

Sample Matrix:

SOIL

			,, 200		20	
Alachlor	mg/kg dry wt	ND	08/29/07 JE	B 0.023		
Aldrin	mg/kg dry wt	ND	08/29/07 JE	0.006		
alpha-BHC	mg/kg dry wt	ND	08/29/07 JE	B 0.006		
beta-BHC	mg/kg dry wt	ND	08/29/07 JE	B 0.006		
delta-BHC	mg/kg dry wt	ND	08/29/07 JE	3 0.006		
gamma-BHC (Lindane)	mg/kg dry wt	ND	08/29/07 JI	B 0.004		
Chlordane	mg/kg dry wt	ND	08/29/07 JE	B 0.023		
4,4-DDD	mg/kg dry wt	ND	08/29/07 JE	B 0.0012		
4,4-DDE	mg/kg dry wt	ND	08/29/07 JE	3 0.0012		
4,4-DDT	mg/kg dry wt	ND	08/29/07 JI	B 0.0012		
Dieldrin	mg/kg dry wt	ND	08/29/07 JI	B 0.0045		
Endosulfan I	mg/kg dry wt	ND	08/29/07 JI	B 0.006		
Endosulfan II	mg/kg dry wt	ND	08/29/07 JI	B 0.009	•	
Endosulfan Sulfate	mg/kg dry wt	ND	08/29/07 JI	B 0.009		
Endrin	mg/kg dry wt	ND	08/29/07 JI	B 0.009		
Endrin Aldehyde	mg/kg dry wt	ND	08/29/07 JI	B 0.009		
Endrin Ketone	mg/kg dry wt	ND	08/29/07 JI	B 0.009		
Heptachlor	mg/kg dry wt	ND	08/29/07 JI	B 0.006		
Heptachlor Epoxide	mg/kg dry wt	ND	08/29/07 JI	B 0.006		
Hexachlorobenzene	mg/kg dry wt	ND	08/29/07 JI	B 0.006		
Methoxychlor	mg/kg dry wt	ND	08/29/07 JI	B 0.056		
PCB 1016	mg/kg dry wt	ND	08/29/07 JI	B 0.111		
PCB-1221	mg/kg dry wt	ND	08/29/07 JI	B 0.111		

RL = Reporting Limit

PCB-1232

PCB-1242

PCB-1248

PCB-1254

PCB-1260

PCB 1262

PCB 1268

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

mg/kg dry wt

mg/kg dry wt

mg/kg dry wt

mg/kg dry wt

mg/kg dry wt

mg/kg dry wt

mg/kg dry wt

ND

ND

ND

ND

ND

ND

ND

08/29/07

08/29/07

08/29/07

08/29/07

08/29/07

08/29/07

08/29/07

JB

JB

JB

JB

JB

JB

JB

0.111

0.111

0.111

0.111

0.111

0.111

0.111

^{* =} See end of report for comments and notes applying to this sample



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8/30/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Page 2 of 13

Project Location: BEACON, NY.

8/24/2007

LIMS-BAT #: LIMT-09035

Job Number: -

Date Received: Field Sample #: BF1

Sample ID:

*07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Toxaphene	mg/kg dry wt	ND	08/29/07	JB	0.111			
Extraction Date PCBs		8/28/2007	08/29/07	JB				
Extraction Date Pesticides		8/28/2007	08/29/07	JB				

Analytical Method:

SW846 8081/8082

SAMPLES ARE EXTRACTED BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), CONCENTRATED, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

8/30/2007 Page 3 of 13

Purchase Order No.: MGP BEACON

LIMS-BAT #: LIMT-09035

Job Number: -

Date Received:

Project Location: BEACON, NY. 8/24/2007

Field Sample #: BF1

07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

Sample ID:

SOIL

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
Acetone	mg/kg dry wt	0.28	08/27/07	MFF	0.12			
Acrylonitrile	mg/kg dry wt	ND	08/27/07	MFF	0.024			
tert-Amylmethyl Ether	mg/kg dry wt	ND	08/27/07	MFF	0.002			
Benzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Bromobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Bromochloromethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Bromodichloromethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Bromoform	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Bromomethane	mg/kg dry wt	ND	08/27/07	MFF	0.012			
2-Butanone (MEK)	mg/kg dry wt	ND	08/27/07	MFF	0.048			
tert-Butyl Alcohol	mg/kg dry wt	ND	08/27/07	MFF	0.048			
n-Butylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
sec-Butylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
tert-Butylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
tert-Butylethyl Ether	mg/kg dry wt	ND	08/27/07	MFF	0.002			
Carbon Disulfide	mg/kg dry wt	ND	08/27/07	MFF	800.0			
Carbon Tetrachloride	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Chlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Chlorodibromomethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Chloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.024			
Chloroform	mg/kg dry wt	ND	08/27/07	MFF	0.005			
Chloromethane	mg/kg dry wt	ND	08/27/07	MFF	0.012			
2-Chlorotoluene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
4-Chlorotoluene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2-Dibromoethane	mg/kg dry wt	ND	08/27/07	MFF	0.002			
Dibromomethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2-Dichlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,3-Dichlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,4-Dichlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

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WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-09035

Date Received:

8/24/2007

Job Number:

Field Sample #: BF1

07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

Sample ID:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	08/27/07	MFF	0.005			
Dichlorodifluoromethane	mg/kg dry wt	ND	08/27/07	MFF	0.024			
1,1-Dichloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2-Dichloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1-Dichloroethylene	mg/kg dry wt	ND	08/27/07	MFF	0.005			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2-Dichloropropane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,3-Dichloropropane	mg/kg dry wt	ND	08/27/07	MFF	0.002			
2,2-Dichloropropane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1-Dichloropropene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	08/27/07	MFF	0.002			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Diethyl Ether	mg/kg dry wt	ND	08/27/07	MFF	0.024			
Diisopropyl Ether	mg/kg dry wt	ND	08/27/07	MFF	0.002			
1,4-Dioxane	mg/kg dry wt	ND	08/27/07	MFF	0.12			
Ethyl Benzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Hexachlorobutadiene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
2-Hexanone	mg/kg dry wt	ND	08/27/07	MFF	0.024			
Isopropylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
p-Isopropyltoluene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
MTBE	mg/kg dry wt	ND	08/27/07	MFF	0.005			
Methylene Chloride	mg/kg dry wt	ND	08/27/07	MFF	0.024			
MIBK	mg/kg dry wt	ND	08/27/07	MFF	0.024			
Naphthalene	mg/kg dry wt	ND	08/27/07	MFF	0.005			
n-Propylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Styrene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.002			
Tetrachloroethylene	mg/kg dry wt	ND	08/27/07	MFF	0.003			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

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Purchase Order No.: MGP BEACON

LIMS-BAT #: LIMT-09035

Job Number:

Project Location: BEACON, NY.

Date Received: Field Sample #: BF1

8/24/2007

Sample ID:

07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date	Analyst	RL	SPEC	Limit	P/F
			Analyzed			Lo	Hi	
Tetrahydrofuran	mg/kg dry wt	ND	08/27/07	MFF	0.012			
Toluene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1,1-Trichloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1,2-Trichloroethane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Trichloroethylene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Trichlorofluoromethane	mg/kg dry wt	ND	08/27/07	MFF	0.012			
1,2,3-Trichloropropane	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	08/27/07	MFF	0.012			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	08/27/07	MFF	0.003			
Vinyl Chloride	mg/kg dry wt	ND	08/27/07	MFF	0.012			
m + p Xylene	mg/kg dry wt	ND	08/27/07	MFF	0.005			
o-Xylene	mg/kg dry wt	ND	08/27/07	MFF	0.003			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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Sample ID:

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WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

8/30/2007

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Project Location: BEACON, NY. Date Received:

8/24/2007

LiMS-BAT #: LIMT-09035

Job Number: -

Field Sample #: BF1

*07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/ F
Acenaphthene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Acenaphthylene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Acetophenone	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Aniline	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Anthracene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Benzoic Acid	mg/kg dry wt	ND	08/28/07	BGL	1.11		
Benzo(a)anthracene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Benzo(a)pyrene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Benzo(b)fluoranthene	mg/kg dry wt	ND	08/28/07	BGL	0:19		
Benzo(g,h,i)perylene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Benzo(k)fluoranthene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	08/28/07	BGL	0.37		
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Butylbenzylphthalate	mg/kg dry wt	ND	08/28/07	BGL	0.74		
Carbazole	mg/kg dry wt	ND	08/28/07	BGL	0.19		
4-Chloroaniline	mg/kg dry wt	ND	08/28/07	BGL	0.74		
4-Chloro-3-methylphenol	mg/kg dry wt	ND	08/28/07	BGL	0.74		
2-Chloronaphthalene	mg/kg dry wt	ND	08/28/07	BGL	0.37		
2-Chlorophenol	mg/kg dry wt	ND	08/28/07	BGL	0.37		
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Chrysene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
Dibenzofuran	mg/kg dry wt	ND	08/28/07	BGL	0.37		
Dibenz(a,h)anthracene	mg/kg dry wt	ND	08/28/07	BGL	0.19		
1,2-Dichlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37		
1,3-Dichlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37		
1,4-Dichlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37		
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	08/28/07	BGL	0.19		

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

8/30/2007

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Project Location: BEACON, NY.

8/24/2007

LIMS-BAT #: LIMT-09035

Job Number:

Date Received: Field Sample #: BF1

Sample ID:

*07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix: SOIL

	Uņits	Results	Date	Analyst	RL		Limit	P/F
			Analyzed			Lo	Hi	
2,4-Dichlorophenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Diethylphthalate	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2,4-Dimethylphenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Dimethylphthalate	mg/kg dry wt	ND	08/28/07	BGL	0.74			
Di-n-butylphthalate	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Di-n-octylphthalate	mg/kg dry wt	ND	08/28/07	BGL	0.74			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2,4-Dinitrophenol	mg/kg dry wt	ND	08/28/07	BGL	0.74			
2,4-Dinitrotoluene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2,6-Dinitrotoluene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Fluoranthene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Fluorene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Hexachlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Hexachlorobutadiene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	08/28/07	BGL	0.74			
Hexachloroethane	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Isophorone	mg/kg dry wt	ND	08/28/07	BGL	0.37			
o-cresol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
m & p-cresol(s)	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2-Methylnaphthalene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Naphthalene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
2-Nitroaniline	mg/kg dry wt	ND	08/28/07	BGL	0.37			
3-Nitroaniline	mg/kg dry wt	ND	08/28/07	BGL	0.37			
4-Nitroaniline	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Nitrobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2-Nitrophenol	mg/kg dry wt	ND	08/28/07	BGL.	0.37			
4-Nitrophenol	mg/kg dry wt	ND	08/28/07	BGL	0.74			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

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WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-09035

Job Number:

Date Received:

8/24/2007

Field Sample #: BF1 *07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

Sample ID:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
N-Nitrosodiphenylamine	mg/kg dry wt	ND	08/28/07	BGL	0.37			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Pentachloronitrobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Pentachlorophenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Phenanthrene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Phenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Pyrene	mg/kg dry wt	ND	08/28/07	BGL	0.19			
Pyridine	mg/kg dry wt	ND	08/28/07	BGL	0.19			
1,2,4,5-Tetrachlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	08/28/07	BGL	0.37			
Extraction Date 8270		8/26/2007	08/28/07	BGL				

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR BENZOIC ACID AND PENTACHLORONITROBENZENE ARE ESTIMATED SINCE RESPONSE FACTOR FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

8/30/2007

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Project Location: BEACON, NY.

Date Received:

8/24/2007

Field Sample #: BF1

07B32434

LIMS-BAT #: LIMT-09035

Job Number: -

Sample ID:

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
Arsenic	mg/kg dry wt	ND	08/25/07	SDT	2.76	****		
Barium	mg/kg dry wt	37.0	08/25/07	SDT	0.56			
Cadmium	mg/kg dry wt	ND	08/25/07	SDT	0.28			
Chromium	mg/kg dry wt	11.6	08/25/07	SDT	0.56			
Lead	mg/kg dry wt	11.3	08/25/07	SDT	0.83			
Mercury	mg/kg dry wt	0.009	08/28/07	CRM	0.009			
Selenium	mg/kg dry wt	ND	08/25/07	SDT	5.52			
Silver	mg/kg dry wt	ND	08/25/07	SDT	0.56			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



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8/30/2007

5 NORTHFIELD ROAD

Purchase Order No.: MGP BEACON

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WALLINGFORD, CT 06492

LIMS-BAT #: LIMT-09035

Job Number:

Project Location: BEACON, NY.

Date Received:

8/24/2007

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

5 NORTHFIELD ROAD

8/30/2007

WALLINGFORD, CT 06492

Page 11 of 13

Project Location: BEACON, NY.

Purchase Order No.: MGP BEACON

LIMS-BAT #: LIMT-09035

Date Received: 8/24/2007 Job Number:

Field Sample #: BF1

07B32434

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

Sample ID:

SOIL

Results

Date

RLAnalyst

SPEC Limit

P/F

Units

Analyzed

Lo Hi

Solids, total

LL

%

90.6

08/28/07

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES

CENTIGRADE.

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

* = See end of report for comments and notes applying to this sample



JEFF JAMES

TRUE BLUE

8/30/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Page 12 of 13

Project Location: BEACON, NY.

8/24/2007

LIMS-BAT #: LIMT-09035

Date Received: Field Sample #: BF1

Job Number:

Sample ID:

07B32435

Sampled: 8/24/2007

NOT SPECIFIED

Sample Matrix:

SOIL

Units

Results

Date

RL Analyst

SPEC Limit

P/F

Analyzed

Lo Hi

SPECIAL TEST

08/28/07 PEL

SUBCONTRACTED ANALYSIS FOR HERBICIDES BY METHOD SW8151.

PARAMETER	RESULTS	RL	UNITS
2,4,5 - T	ND	22	ug/Kg
2,4,5 - TP	ND .	22	ug/Kg
2,4 - D	ND	112	ug/Kg
2,4 - DB	ND	112	ug/Kg
DALAPON	ND	560	ug/Kg
DICAMBA	ND	34	ug/Kg
DICHLOROPROP	ND	112	ug/Kg
DINOSEB	ND	11	ug/Kg

SURROGATE RECOVERY 95%

RL = Reporting Limit

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JEFF JAMES

TRUE BLUE

8/30/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: MGP BEACON

Page 13 of 13

Project Location: BEACON, NY.

LIMS-BAT #: LIMT-09035

Job Number: -

Date Received:

8/24/2007

The following notes were attached to the reported analysis:

Sample ID:

07B32434

Analysis:

Alachlor

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

Sample ID:

07B32434

Analysis:

Benzoic Acid

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO A LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID:

07B32434

Analysis:

2,4-Dinitrophenol

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO A LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		Page 1 of 31		
QC Batch Number:	GC/ECD-10168					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
7B32434				•		
	Decachlorobiphenyl	Surrogate Recovery	92.5	%	30-150	
	Tetrachloro-m-Xylene	Surrogate Recovery	96.0	%	30-150	
BLANK-106261						
	Chlordane	Blank	<0.020	mg/kg dry wt		
	PCB-1232	Blank	<0.100	mg/kg dry wt		
	PCB-1242	Blank	<0.100	mg/kg dry wt		
	PCB-1254	Blank	<0.100	mg/kg dry wt		
	PCB-1260	Blank	<0.100	mg/kg dry wt		
	PCB-1248	Blank	<0.100	mg/kg dry wt		
	PCB-1221	Blank	<0.100	mg/kg dry wt		
	Hexachlorobenzene	Blank	<0.005	mg/kg dry wt		
	alpha-BHC	Blank	<0.005	mg/kg dry wt		
	delta-BHC	Blank	<0.005	mg/kg dry wt		
	beta-BHC	Blank	<0.005	mg/kg dry wt		
	gamma-BHC (Lindane)	Blank	< 0.003	mg/kg dry wt		
	Heptachlor	Blank	<0.005	mg/kg dry wt		
	Aldrin	Blank	< 0.005	mg/kg dry wt		
	Heptachlor Epoxide	Blank	< 0.005	mg/kg dry wt		
	Endosulfan I	Blank	< 0.005	mg/kg dry wt		
	4,4-DDE	Blank	< 0.0010	mg/kg dry wt		
	Dieldrin	Blank	< 0.0040	mg/kg dry wt		
	Endrin	Blank	<0.008	mg/kg dry wt		
	4,4-DDD	Blank	<0.0010	mg/kg dry wt		
	Endosulfan II	Blank	<0.008	mg/kg dry wt		
	4,4-DDT	Blank	< 0.0010	mg/kg dry wt		
	Endrin Aldehyde	Blank	<0.008	mg/kg dry wt		
	Endosulfan Sulfate	Blank	<0.008	mg/kg dry wt		
	Methoxychlor	Blank	<0.050	mg/kg dry wt		
	Toxaphene	Blank	<0.100	mg/kg dry wt		
	PCB 1016	Blank	<0.100	mg/kg dry wt		
	PCB 1262	Blank	<0.100	mg/kg dry wt		
	PCB 1268	Blank	<0.100	mg/kg dry wt		
	Endrin Ketone	Blank	<0.008	mg/kg dry wt		
	Alachlor	Blank	<0.020	mg/kg dry wt		
FBLANK-67603				3 3 ,		
	Hexachlorobenzene	Lab Fort Blank Amt.	0.010	mg/kg dry wt		
		Lab Fort Blk. Found	0.010	mg/kg dry wt		
		Lab Fort Blk. % Rec.	106.000	%	40-140	
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt		
		Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt		
		Dup Lab Fort BI %Rec	103.000	%		
		Lab Fort Blank Range	3.000	units		
		Lab Fort Bl. Av. Rec	104.500	w %		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		Page 2 of	31
QC Batch Number:	GC/ECD-10168				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-67603					
	Hexachlorobenzene	LFB Duplicate RPD	2.870	%	0-30
	alpha-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.009	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.000	%	40-140
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	103.000	%	
		Lab Fort Blank Range	6.999	units	
		Lab Fort Bl. Av. Rec	99.500	%	
		LFB Duplicate RPD	7.035	%	0-30
	delta-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.008	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.000	% .	40-140
		Dup Lab Fort Bi Amt.	0.010	mg/kg dry wt	
*		Dup Lab Fort Bl. Fnd	0.008	mg/kg dry wt	
		Dup Lab Fort BI %Rec	87.000	%	
		Lab Fort Blank Range	5.000	units	
		Lab Fort Bl. Av. Rec	84.500	%	
		LFB Duplicate RPD	5.917	%	0-30
	beta-BHC	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.011	mg/kg dry wt	
	•	Lab Fort Blk. % Rec.	111.000	%	40-140
		Dup Lab Fort Bi Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.009	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	94.000	%	
		Lab Fort Blank Range	17.000	units	
		Lab Fort Bl. Av. Rec	102.500	%	
		LFB Duplicate RPD	16.585	%	0-30
	gamma-BHC (Lindane)	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.010	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.000	%	40-140
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.011	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	111.000	%	
		Lab Fort Blank Range	2.999	units	
		Lab Fort Bl. Av. Rec	109.500	%	
		LFB Duplicate RPD	2.739	%	0-30
	Heptachlor	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.010	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.000	%	40-140
		Dup Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.011	mg/kg dry wt	
		Dup Lab Fort BI %Rec		%	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date: 8/30/2007		Lims Bat #: LIMT-09035		Page 3 of 31		
QC Batch Number	: GC/ECD-10168					
Sample Id	Analysis	Q	C Analysis	Values	Units	Limits
LFBLANK-67603						
	Heptachlor	Lat	Fort Blank Range	13.000	units	
		Lat	Fort Bl. Av. Rec	111.500	%	
		LFI	3 Duplicate RPD	11.659	%	0-30
	Aldrin	Lat	Fort Blank Amt.	0.010	mg/kg dry wt	
		Lat	Fort Blk. Found	0.011	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	111.000	%	40-140
		Du	p Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Du	Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Du	p Lab Fort BI %Rec	108.000	%	
		Lat	Fort Blank Range	2.999	units	
		Lat	Fort Bl. Av. Rec	109.500	%	
·		LF	3 Duplicate RPD	2.739	%	0-30
•	Heptachlor Epoxide	Lat	Fort Blank Amt.	0.010	mg/kg dry wt	
•		Lat	Fort Blk. Found	0.011	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	111.000	%	40-140
		Duj	Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Duj	Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Du _l	Lab Fort BI %Rec	107.000	%	
		Lat	Fort Blank Range	4.000	units	
		Lat	Fort Bl. Av. Rec	109.000	%	
		LF	3 Duplicate RPD	3.669	%	0-30
	Endosulfan I	Lat	Fort Blank Amt.	0.010	mg/kg dry wt	
		Lat	Fort Blk. Found	0.011	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	112.000	%	40-140
	•	Duj	Lab Fort Bl Amt.	0.010	mg/kg dry wt	
		Duj	Lab Fort Bl. Fnd	0.012	mg/kg dry wt	
		Duj	Lab Fort Bl %Rec	124.000	%	
		Lab	Fort Blank Range	12.000	units	
			Fort Bl. Av. Rec	118.000	%	
			3 Duplicate RPD	10.169	%	0-30
	4,4-DDE		Fort Blank Amt.	0.0100	mg/kg dry wt	
			Fort Blk. Found	0.0098	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	98.0000	%	40-140
			Lab Fort Bl Amt.	0.0100	mg/kg dry wt	
		Duj	Lab Fort Bl. Fnd	0.0095	mg/kg dry wt	
			Lab Fort BI %Rec	96.0000	%	
			Fort Blank Range	1.9999	units	
			Fort Bl. Av. Rec	97.0000	%	
			B Duplicate RPD	2.0618	%	0-30
	Dieldrin		Fort Blank Amt.	0.0100	mg/kg dry wt	
			Fort Blk. Found	0.0098	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	98.0000	%	40-140
		Duş	Lab Fort Bl Amt.	0.0100	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat # : LIMT-09035	Page 4 of 31		
QC Batch Numbe					
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67603	•				
	Dieldrin	Dup Lab Fort Bl. Fnd	0.0106	mg/kg dry wt	
		Dup Lab Fort BI %Rec	106.0000	%	
		Lab Fort Blank Range	8.0000	units	
		Lab Fort Bl. Av. Rec	102.0000	%	
		LFB Duplicate RPD	7.8431	%	0-30
	Endrin	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.007	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.000	%	40-140
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.007	mg/kg dry wt	
		Dup Lab Fort BI %Rec	79.000	%	
		Lab Fort Blank Range	4.000	units	
		Lab Fort Bl. Av. Rec	77.000	%	
		LFB Duplicate RPD	5.194	%	0-30
	4,4-DDD	Lab Fort Blank Amt.	0.0500	mg/kg dry wt	
		Lab Fort Blk. Found	0.0590	mg/kg dry wt	
		Lab Fort Blk. % Rec.	118.0000	%	40-140
		Dup Lab Fort Bl Amt.	0.0500	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.0580	mg/kg dry wt	
		Dup Lab Fort BI %Rec	116.0000	%	
		Lab Fort Blank Range	2.0000	units	
		Lab Fort Bl. Av. Rec	117.0000	%	
		LFB Duplicate RPD	1.7094	%	0-30
	Endosulfan II	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
		Lab Fort Blk. Found	0.050	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.000	%	40-140
		Dup Lab Fort Bl Amt.	0.050	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.049	mg/kg dry wt	
		Dup Lab Fort BI %Rec	98.000	%	
		Lab Fort Blank Range	2.000	units	
		Lab Fort Bl. Av. Rec	99.000	%	
		LFB Duplicate RPD	2.020	%	0-30
	4,4-DDT	Lab Fort Blank Amt.	0.0500	mg/kg dry wt	
		Lab Fort Blk. Found	0.0420	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.0000	%	40-140
		Dup Lab Fort Bl Amt.	0.0500	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.0450	mg/kg dry wt	
		Dup Lab Fort BI %Rec	90.0000	%	
		Lab Fort Blank Range	5.9999	units	
		Lab Fort Bl. Av. Rec	87.0000	%	
		LFB Duplicate RPD	6.8965	%	0-30
	Endrin Aldehyde	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
	•	Lab Fort Blk, Found	0.009	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		Page 5 of	31
QC Batch Number	r: GC/ECD-10168				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-67603					
	Endrin Aldehyde	Lab Fort Blk. % Rec.	99.000	%	40-140
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.010	mg/kg dry wt	
		Dup Lab Fort BI %Rec	108.000	%	
		Lab Fort Blank Range	9.000	units	
		Lab Fort Bl. Av. Rec	103.500	%	
•	·	LFB Duplicate RPD	8.695	%	0-30
	Endosulfan Sulfate	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
		Lab Fort Blk. Found	0.050	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.000	%	40-140
		Dup Lab Fort BI Amt.	0.050	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.050	mg/kg dry wt	
		Dup Lab Fort BI %Rec	100.000	%	
		Lab Fort Blank Range	0.000	units	
•		Lab Fort Bl. Av. Rec	100.000	%	
		LFB Duplicate RPD	0.000	%	0-30
	Methoxychlor	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
		Lab Fort Blk. Found	0.041	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.000	%	40-140
		Dup Lab Fort BI Amt.	0.050	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.044	mg/kg dry wt	
	•	Dup Lab Fort BI %Rec	88.000	%	
		Lab Fort Blank Range	6.000	units	
		Lab Fort Bl. Av. Rec	85.000	%	
		LFB Duplicate RPD	7.058	%	0-30
	Endrin Ketone	Lab Fort Blank Amt.	0.010	mg/kg dry wt	
		Lab Fort Blk. Found	0.011	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.000	%	40-140
		Dup Lab Fort BI Amt.	0.010	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.011	mg/kg dry wt	
		Dup Lab Fort BI %Rec	118.000	%	
		Lab Fort Blank Range	6.000	units	
		Lab Fort Bl. Av. Rec	115.000	%	
		LFB Duplicate RPD	5.217	%	0-50
	Alachlor	Lab Fort Blank Amt.	0.050	mg/kg dry wt	
		Lab Fort Blk. Found	0.079	mg/kg dry wt	
		Lab Fort Blk. % Rec.	158.000	%	40-140
		Dup Lab Fort Bl Amt.	0.050	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.073	mg/kg dry wt	
		Dup Lab Fort BI %Rec	146.000	%	
		Lab Fort Blank Range	12.000	units	
		Lab Fort Bl. Av. Rec	152.000	%	
		LFB Duplicate RPD	7.894	%	0-30



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 6 of 31		
QC Batch Numbe	r: GCMS/SEMI-9788				-
Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B32434					
	1,4-Dichlorobenzene	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.19	mg/kg dry wt	
		Matrix Spike % Rec.	65.17	%	40-140
	Naphthalene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.24	mg/kg dry wt	
		Matrix Spike % Rec.	67.46	%	40-140
	1,2-Dichlorobenzene	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.48	mg/kg dry wt	
		Matrix Spike % Rec.	80.77	%	40-140
	1,3-Dichlorobenzene	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.16	mg/kg dry wt	
•		Matrix Spike % Rec.	63.13	%	40-140
	Acenaphthene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.46	mg/kg dry wt	
		Matrix Spike % Rec.	79.69	%	40-140
	Acenaphthylene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.37	mg/kg dry wt	
		Matrix Spike % Rec.	74.52	%	40-140
	Aniline	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.08	mg/kg dry wt	
		Matrix Spike % Rec.	58.81	%	40-140
	Anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.75	mg/kg dry wt	
		Matrix Spike % Rec.	95.72	%	40-140
	Benzo(a)anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.51	mg/kg dry wt	
		Matrix Spike % Rec.	82.14	%	40-140
	Benzo(a)pyrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.52	mg/kg dry wt	
		Matrix Spike % Rec.	82.75	%	40-140
	Benzo(b)fluoranthene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.60	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates.

Standard Reference Materials and Duplicates

Report Date:		ms Bat # : LIMT-09035		Page 7 of	31
QC Batch Numbe					
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B32434	5 414 11		07.10		10.110
	Benzo(b)fluoranthene	Matrix Spike % Rec.	87.49	%	40-140
	Benzo(g,h,i)perylene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.26	mg/kg dry wt	40.440
	Downsia Asid	Matrix Spike % Rec.	68.56	% 	40-140
	Benzoic Acid	Sample Amount	<1.11	mg/kg dry wt	
	. •	Matrix Spk Amt Added MS Amt Measured	1.83	mg/kg dry wt mg/kg dry wt	
			0.12 6.97		30-130
	Ris/2 chloroothyl)othor	Matrix Spike % Rec. Sample Amount	<0.37	%	30-130
	Bis(2-chloroethyl)ether	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.39	mg/kg dry wt mg/kg dry wt	
		Matrix Spike % Rec.	75.85	%	40-140
	Bis(2-chloroethoxy)methane	Sample Amount	<0.37	mg/kg dry wt	40-140
	Dis(2-chioroethoxy)methane	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
		Matrix Spike % Rec.	78.35	%	40-140
	Bis(2-chloroisopropyl)ether	Sample Amount	<0.37	mg/kg dry wt	40-140
	Dia(2 dilloroisopropyr)culor	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.64	mg/kg dry wt	
		Matrix Spike % Rec.	89.59	%	40-140
	Bis(2-ethylhexyl)phthalate	Sample Amount	<0.37	mg/kg dry wt	40 140
	2.a(2 anymonytyp:miciate	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.86	mg/kg dry wt	
		Matrix Spike % Rec.	101.66	%	40-140
	4-Bromophenyl phenyl ether	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.50	mg/kg dry wt	
	*	Matrix Spike % Rec.	81.73	%	40-140
	Butylbenzylphthalate	Sample Amount	<0.74	mg/kg dry wt	
	· · · · · · · · · · · · · · · · · · ·	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.72	mg/kg dry wt	
		Matrix Spike % Rec.	93.63	%	40-140
	4-Chloroaniline	Sample Amount	<0.74	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.39	mg/kg dry wt	
		Matrix Spike % Rec.	76.09	%	40-140
	2-Chloronaphthalene	Sample Amount	<0.37	mg/kg dry wt	
	r	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.66	mg/kg dry wt	
		Matrix Spike % Rec.	90.43	%	40-140
	4-Chlorophenylphenyl ether	Sample Amount	<0.37	mg/kg dry wt	- · / -
	p	Matrix Spk Amt Added	1.83	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007 Lims B	at #: LIMT-09035	Page 8 of 31		
QC Batch Number:	: GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B32434	CAPACITI				
	4-Chlorophenylphenyl ether	MS Amt Measured	1.46	mg/kg dry wt	
		Matrix Spike % Rec.	79.57	%	40-140
	Chrysene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.57	mg/kg dry wt	
		Matrix Spike % Rec.	85.63	%	40-140
	Dibenz(a,h)anthracene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
	•	MS Amt Measured	1.41	mg/kg dry wt	
		Matrix Spike % Rec.	76.76	%	40-140
	Dibenzofuran	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.68	mg/kg dry wt	
*		Matrix Spike % Rec.	91.37	%	40-140
	3,3'-Dichlorobenzidine	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.44	mg/kg dry wt	
	,	Matrix Spike % Rec.	78.37	%	40-140
	Diethylphthalate	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.41	mg/kg dry wt	
		Matrix Spike % Rec.	77.17	%	40-140
	Dimethylphthalate	Sample Amount	< 0.74	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
•		MS Amt Measured	1.49	mg/kg dry wt	
		Matrix Spike % Rec.	81.13	%	40-140
	Di-n-butylphthalate	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.67	mg/kg dry wt	
		Matrix Spike % Rec.	90.98	%	40-140
	2,4-Dinitrotoluene	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.50	mg/kg dry wt	
		Matrix Spike % Rec.	81.91	%	40-140
	2,6-Dinitrotoluene	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.56	mg/kg dry wt	
		Matrix Spike % Rec.	85.30	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene	e) Sample Amount	<0.37	mg/kg dry wt	
	• • • • • • • • • • • • • • • • • • • •	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.97	mg/kg dry wt	
		Matrix Spike % Rec.	107.38	gg ary	40-140



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 9 of 31			
QC Batch Numbe	er: GCMS/SEMI-9788					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
7B32434						
	Di-n-octylphthalate	Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.81	mg/kg dry wt		
		Matrix Spike % Rec.	98.93	%	40-140	
	Fluoranthene	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.46	mg/kg dry wt		
		Matrix Spike % Rec.	79.57	%	40-140	
	Fluorene	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.36	mg/kg dry wt		
		Matrix Spike % Rec.	74.35	%	40-140	
	Hexachlorobenzene	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.53	mg/kg dry wt		
		Matrix Spike % Rec.	83.63	%	40-140	
	Hexachlorobutadiene	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.17	mg/kg dry wt		
		Matrix Spike % Rec.	63.92	%	40-140	
	Hexachlorocyclopentadiene	Sample Amount	<0.74	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.51	mg/kg dry wt		
		Matrix Spike % Rec.	82.14	%	40-140	
	Hexachloroethane	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.39	mg/kg dry wt		
		Matrix Spike % Rec.	76.01	%	40-140	
	Indeno(1,2,3-cd)pyrene	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.35	mg/kg dry wt		
		Matrix Spike % Rec.	73.59	%	40-140	
	Isophorone	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.35	mg/kg dry wt		
		Matrix Spike % Rec.	73.55	%	40-140	
	2-Methylnaphthalene	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.23	mg/kg dry wt		
	•	Matrix Spike % Rec.	67.03	%	40-140	
	2-Nitroaniline	Sample Amount	< 0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.59	mg/kg dry wt		
•		Matrix Spike % Rec.	86.75	%	40-140	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 10 of 31		
QC Batch Number					
Sample id	Analysis	QC Analysis	Values	Units	Limits
07B32434					
	3-Nitroaniline	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.32	mg/kg dry wt	
		Matrix Spike % Rec.	72.05	%	40-140
	Nitrobenzene	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.37	mg/kg dry wt	
		Matrix Spike % Rec.	74.91	%	40-140
	N-Nitroso-di-n-propylamine	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.46	mg/kg dry wt	
		Matrix Spike % Rec.	79.77	%	40-140
	N-Nitrosodiphenylamine	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.91	mg/kg dry wt	
		Matrix Spike % Rec.	103.92	%	40-140
	Phenanthrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.42	mg/kg dry wt	
		Matrix Spike % Rec.	77.71	%	40-140
	Pyrene	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.41	mg/kg dry wt	
		Matrix Spike % Rec.	76.95	%	40-140
	1,2,4-Trichlorobenzene	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.27	mg/kg dry wt	
		Matrix Spike % Rec.	69.15	%	40-140
	4-Chloro-3-methylphenol	Sample Amount	<0.74	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.19	mg/kg dry wt	
		Matrix Spike % Rec.	65.15	%	30-130
	2-Chlorophenol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.18	mg/kg dry wt	
		Matrix Spike % Rec.	64.39	%	30-130
	2,4-Dichlorophenol	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.17	mg/kg dry wt	
		Matrix Spike % Rec.	64.02	%	30-130
	2,4-Dimethylphenol	Sample Amount	<0.37	mg/kg dry wt	
	, ,	Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	0.92	mg/kg dry wt	
			5.52		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 11 of 31		
QC Batch Number	r: GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B32434					
	2,4-Dimethylphenol	Matrix Spike % Rec.	50.27	%	30-130
	4,6-Dinitro-2-methylphenol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	0.96	mg/kg dry wt	
		Matrix Spike % Rec.	52.51	%	30-130
	2,4-Dinitrophenol	Sample Amount	<0.74	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	0.33	mg/kg dry wt	
		Matrix Spike % Rec.	18.37	%	30-130
	o-cresol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.32	mg/kg dry wt	
		Matrix Spike: % Rec.	71.87	%	30-130
	m & p-cresol(s)	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
•		MS Amt Measured	1.43	mg/kg dry wt	
•		Matrix Spike % Rec.	77.83	%	30-130
	2-Nitrophenol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.20	mg/kg dry wt	
		Matrix Spike % Rec.	65.50	%	30-130
	4-Nitrophenol	Sample Amount	<0.74	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	0.75	mg/kg dry wt	
		Matrix Spike % Rec.	41.17	%	30-130
	Phenol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.17	mg/kg dry wt	
		Matrix Spike % Rec.	64.02	%	30-130
	2,4,5-Trichlorophenol	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.52	mg/kg dry wt	
		Matrix Spike % Rec.	82.85	%	30-130
	2,4,6-Trichlorophenol	Sample Amount	< 0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	1.14	mg/kg dry wt	
		Matrix Spike % Rec.	62.11	%	30-130
	Pentachlorophenol	Sample Amount	<0.37	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	
		MS Amt Measured	0.77	mg/kg dry wt	
		Matrix Spike % Rec.	42.11	%	30-130
	Pyridine	Sample Amount	<0.19	mg/kg dry wt	
		Matrix Spk Amt Added	1.83	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page		e 12 of 31	
QC Batch Number:	GCMS/SEMI-9788					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
7B32434						
	Pyridine	MS Amt Measured	0.96	mg/kg dry wt		
		Matrix Spike % Rec.	52.23	%	40-140	
	Benzo(k)fluoranthene	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.42	mg/kg dry wt		
		Matrix Spike % Rec.	77.37	%	40-140	
	Phenol-d6	Surrogate Recovery	92.4	%	30-130	
	Nitrobenzene-d5	Surrogate Recovery	79.4	%	30-130	
	2-Fluorobiphenyl	Surrogate Recovery	76.9	%	30-130	
	2,4,6-Tribromophenol	Surrogate Recovery	81.8	%	30-130	
	Terphenyl-d14	Surrogate Recovery	86.0	%	30-130	
	2-Fluorophenol	Surrogate Recovery	79.0	%	30-130	
	Acetophenone	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.42	mg/kg dry wt		
		Matrix Spike % Rec.	77.59	%	40-140	
	Carbazole	Sample Amount	<0.19	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.55	mg/kg dry wt		
		Matrix Spike % Rec.	84.49	%	40-140	
	Pentachloronitrobenzene	Sample Amount	<0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.62	mg/kg dry wt		
		Matrix Spike % Rec.	88.29	%	40-140	
	1,2,4,5-Tetrachlorobenzene	Sample Amount	< 0.37	mg/kg dry wt		
		Matrix Spk Amt Added	1.83	mg/kg dry wt		
		MS Amt Measured	1.47	mg/kg dry wt		
		Matrix Spike % Rec.	80.43	%	40-140	
BLANK-106192						
	1,4-Dichlorobenzene	Blank	<0.34	mg/kg dry wt		
	Naphthalene	Blank	<0.17	mg/kg dry wt		
	1,2-Dichlorobenzene	Blank	<0.34	mg/kg dry wt		
	1,3-Dichlorobenzene	Blank	<0.34	mg/kg dry wt		
	Acenaphthene	Blank	<0.17	mg/kg dry wt		
	Acenaphthylene	Blank	<0.17	mg/kg dry wt		
	Aniline	Blank	<0.34	mg/kg dry wt		
	Anthracene	Blank	<0.17	mg/kg dry wt		
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt		
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt		
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt		
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt		
	Benzoic Acid	Blank	<1.00	mg/kg dry wt		
	Bis(2-chloroethyl)ether	Blank	< 0.34	mg/kg dry wt		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007 Lims Bat	#: LIMT-09035		Page 13 o	f 31
QC Batch Number:	GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-106192					
	Bis(2-chloroethoxy)methane	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroisopropyl)ether	Blank	< 0.34	mg/kg dry wt	
	Bis(2-ethylhexyl)phthalate	Blank	< 0.34	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	<0.34	mg/kg dry wt	
	Butylbenzylphthalate	Blank	<0.67	mg/kg dry wt	
	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	< 0.34	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	< 0.34	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	•
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	< 0.34	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	<0.34	mg/kg dry wt	
	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
•	Di-n-butylphthalate	Blank	<0.34	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	< 0.34	mg/kg dry wt	
•	2,6-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azobenzene)	Blank	< 0.34	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	<0.34	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.34	mg/kg dry wt	
	Hexachlorocyclopentadiene	Blank	<0.67	mg/kg dry wt	
	Hexachloroethane	Blank	<0.34	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.17	mg/kg dry wt	
	Isophorone	Blank	< 0.34	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.17	mg/kg dry wt	
	2-Nitroaniline	Blank	<0.34	mg/kg dry wt	
	3-Nitroaniline	Blank	<0.34	mg/kg dry wt	
	Nitrobenzene	Blank	<0.34	mg/kg dry wt	
	N-Nitroso-di-n-propylamine	Blank	<0.34	mg/kg dry wt	
	N-Nitrosodiphenylamine	Blank	<0.34	mg/kg dry wt	
	Phenanthrene	Blank	<0.17	mg/kg dry wt	
	Pyrene	Blank	<0.17	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.34	mg/kg dry wt	
	4-Chloro-3-methylphenol	Blank	<0.67	mg/kg dry wt	
	2-Chlorophenol	Blank	< 0.34	mg/kg dry wt	
	2,4-Dichlorophenol	Blank	<0.34	mg/kg dry wt	
	2,4-Dimethylphenol	Blank	<0.34	mg/kg dry wt	
	4,6-Dinitro-2-methylphenol	Blank	<0.34	mg/kg dry wt	
	2,4-Dinitrophenol	Blank	<0.67	mg/kg dry wt	
	o-cresol	Blank	<0.34	mg/kg dry wt	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		Page 14 of 31		
QC Batch Number:	GCMS/SEMI-9788					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
BLANK-106192					,,,,,	
	m & p-cresol(s)	Blank	< 0.34	mg/kg dry wt		
	2-Nitrophenol	Blank	<0.34	mg/kg dry wt		
	4-Nitrophenol	Blank	<0.67	mg/kg dry wt		
	Phenol	Blank	<0.34	mg/kg dry wt		
	2,4,5-Trichlorophenol	Blank	< 0.34	mg/kg dry wt		
	2,4,6-Trichlorophenol	Blank	< 0.34	mg/kg dry wt		
	Pentachlorophenol	Blank	< 0.34	mg/kg dry wt		
	Pyridine	Blank	<0.17	mg/kg dry wt		
	Benzo(k)fluoranthene	Blank	<0.17	mg/kg dry wt		
	Acetophenone	Blank	< 0.34	mg/kg dry wt		
	Carbazole	Blank	<0.17	mg/kg dry wt		
	Pentachloronitrobenzene	Blank	< 0.34	mg/kg dry wt		
	1,2,4,5-Tetrachlorobenzene	Blank	< 0.34	mg/kg dry wt		
FBLANK-67524						
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.21	mg/kg dry wt		
		Lab Fort Blk. % Rec.	73.15	%	40-140	
	Naphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.25	mg/kg dry wt		
		Lab Fort Blk. % Rec.	75.11	%	40-140	
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk, Found	1.56	mg/kg dry wt		
		Lab Fort Blk. % Rec.	93.73	%	40-140	
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.21	mg/kg dry wt		
		Lab Fort.Blk. % Rec.	72.59	%	40-140	
	Acenaphthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.46	mg/kg dry wt		
		Lab Fort Blk. % Rec.	87.65	%	40-140	
	Acenaphthylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.31	mg/kg dry wt		
		Lab Fort Blk. % Rec.	79.07	%	40-140	
	Aniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.32	mg/kg dry wt		
		Lab Fort Blk. % Rec.	79.51	%	10-140	
	Anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.67	mg/kg dry wt		
		Lab Fort Blk. % Rec.	100.44	%	40-140	
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
	• •	Lab Fort Blk. Found	1.45	mg/kg dry wt		
		Lab Fort Blk. % Rec.	87.41	%	40-140	
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	· - · · ·	
	7-74 3 - 1-	Lab Fort Blk. Found	1.47	mg/kg dry wt		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates Method Blanks

Report Date: 8/30/2007 Lims Bat #: LIMT-09035

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QC Batch Number	: GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-67524					
	Benzo(a)pyrene	Lab Fort Blk. % Rec.	88.37	%	40-140
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.14	mg/kg dry wt	
		Lab Fort Blk. % Rec.	68.56	%	40-140
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.34	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.50	%	40-140
	Benzoic Acid	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.09	mg/kg dry wt	
		Lab Fort Blk. % Rec.	5.43	%	30-130
	Bis(2-chloroethyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.43	mg/kg dry wt	
•		Lab Fort Blk. % Rec.	85.99	%	40-140
	Bis(2-chloroethoxy)methane	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.27	%	40-140
	Bis(2-chloroisopropyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.78	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.80	%	40-140
	Bis(2-ethylhexyl)phthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	•
		Lab Fort Blk. Found	1.67	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.72	%	40-140
	4-Bromophenyl phenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.47	mg/kg dry wt	
	B . II	Lab Fort Blk. % Rec.	88.24	%	40-140
	Butylbenzylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.61	mg/kg dry wt	
	4 Oblama 28	Lab Fort Blk. % Rec.	96.89	%	40-140
	4-Chloroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.39	mg/kg dry wt	40
	O Oblama and the state	Lab Fort Blk. % Rec.	83.39	%	10-140
	2-Chloronaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
-		Lab Fort Blk. Found	1.48	mg/kg dry wt	
	400	Lab Fort Blk. % Rec.	89.32	%	40-140
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.45	mg/kg dry wt	
•		Lab Fort Blk. % Rec.	87.43	%	40-140
	Chrysene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.49	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.68	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.46	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.95	%	40-140



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007 Lims Bat	#: LIMT-09035	Page 16 of 31		
C Batch Number:	GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-67524					
	Dibenzofuran	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.69	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.66	%	40-140
	3,3'-Dichlorobenzidine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.71	%	20-140
	Diethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
•		Lab Fort Blk. Found	1.51	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.95	%	40-140
	Dimethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
*		Lab Fort Blk. Found	1.52	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.67	%	40-140
	Di-n-butylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.61	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.88	%	40-140
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.61	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.65	%	40-140
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.55	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.43	%	40-140
	1,2-Diphenylhydrazine (as Azobenzene)	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.90	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.40	%	40-140
	Di-n-octylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	_
	.,	Lab Fort Blk. Found	1.59	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.53	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.45	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.11	%	40-140
	Fluorene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.38	mg/kg dry wt	
	•	Lab Fort Blk. % Rec.	83.33	%	40-140
	Hexachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	.5 110
		Lab Fort Blk, Found	1.53	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.33	%	40-140
	Hexachlorobutadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	70-140
	. Total of the contro	Lab Fort Blk. Found	1.23	mg/kg dry wt	
		Lab Fort Blk, % Rec.			40-140
	Hexachlorocyclopentadiene		74.20	%	40-140
	nexaciliorocyclopentadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.39	mg/kg dry wt	40 440
		Lab Fort Blk. % Rec.	83.44	%	40-140
	Hexachloroethane	Lab Fort Blank Amt.	1.66	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035 Page 17 of		f 31	
QC Batch Number:	: GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67524					
	Hexachloroethane	Lab Fort Blk. Found	1.40	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.47	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.53	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.35	%	40-140
	Isophorone	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.06	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.22	mg/kg dry wt	
		Lab Fort Blk. % Rec.	73.24	%	40-140
	2-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found .	1.66	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.12	%	40-140
	3-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.39	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.53	%	30-140
	Nitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.42	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.48	%	40-140
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.41	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.89	%	80-180
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.88	mg/kg dry wt	
		Lab Fort Blk. % Rec.	113.12	%	40-140
	Phenanthrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.39	mg/kg dry wt	
	_	Lab Fort Blk. % Rec.	83.62	%	40-140
	Pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.33	mg/kg dry wt	,
		Lab Fort Blk. % Rec.	80.17	%	40-140
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.33	%	40-140
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.22	mg/kg dry wt	
		Lab Fort Blk. % Rec.	73.60	%	30-130
	2-Chlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.26	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.91	%	30-130
	2,4-Dichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.21	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat # : LIMT-09035	Page 18 of 31 .		
QC Batch Number	:: GCMS/SEMI-9788				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67524			· -		
	2,4-Dichlorophenol	Lab Fort Blk. % Rec.	72.82	%	30-130
	2,4-Dimethylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.32	mg/kg dry wt	
		Lab Fort Blk. % Rec.	79.63	%	30-130
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.12	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.24	%	30-130
	2,4-Dinitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.39	mg/kg dry wt	
		Lab Fort Blk. % Rec.	23.52	%	10-130
	o-cresol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.48	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.03	%	30-130
	m & p-cresol(s)	Lab Fort Blank Amt.	. 1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.57	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.75	%	30-130
	2-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.23	mg/kg dry wt	
		Lab Fort Blk. % Rec.	73.95	%	30-130
	4-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
•		Lab Fort Blk. Found	0.81	mg/kg dry wt	
		Lab Fort Blk. % Rec.	49.05	%	30-130
	Phenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.19	mg/kg dry wt	
		Lab Fort Blk. % Rec.	71.74	%	30-130
	2,4,5-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.60	mg/kg dry wt	
	•	Lab Fort Blk. % Rec.	96.01	%	30-130
	2,4,6-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.20	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.41	%	30-130
	Pentachlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.86	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.63	%	30-130
	Pyridine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
	•	Lab Fort Blk. Found	1.08	mg/kg dry wt	
		Lab Fort Blk. % Rec.	64.85	%	30-140
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.33	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.38	%	40-140
	Acetophenone	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.48	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.81	%	40-140



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 19 of 31				
QC Batch Numb	ber: GCMS/SEMI-9788						
Sample Id	Analysis	QC Analysis	Values	Units	Limits		
LFBLANK-6752	4				-		
	Carbazole	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	1.48	mg/kg dry wt			
		Lab Fort Blk. % Rec.	89.05	%	40-140		
	Pentachloronitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	1.58	mg/kg dry wt			
		Lab Fort Blk. % Rec.	95.08	%	40-140		
	1,2,4,5-Tetrachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt			
		Lab Fort Blk. Found	1.43	mg/kg dry wt			
		Lab Fort Blk. % Rec.	86.33	%	40-140		



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007 Lims Ba	at #: LIMT-09035		Page 20 of 31				
QC Batch Number	: GCMS/VOL-17550							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
07B32434								
	1,2-Dichloroethane-d4	Surrogate Recovery	102.360	%	70-130			
	Toluene-d8	Surrogate Recovery	96.800	%	70-130			
	Bromofluorobenzene	Surrogate Recovery	98.000	%	70-130			
BLANK-106138								
	Acetone	Blank	<0.10	mg/kg dry wt				
	Benzene	Blank	<0.002	mg/kg dry wt				
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt				
	Chloroform	Blank	<0.004	mg/kg dry wt				
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt				
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt				
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt				
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt				
	MIBK	Blank	<0.020	mg/kg dry wt				
	Naphthalene	Blank	< 0.004	mg/kg dry wt				
	Styrene	Blank	<0.002	mg/kg dry wt				
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt				
	Toluene	Blank	<0.002	mg/kg dry wt				
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt				
	Trichloroethylene	Blank ⁻	<0.002	mg/kg dry wt				
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt				
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt				
	o-Xylene	Blank	<0.002	mg/kg dry wt				
	m + p Xylene	Blank	<0.004	mg/kg dry wt				
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt				
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt				
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt				
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt				
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt				
	MTBE	Blank	<0.004	mg/kg dry wt				
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt				
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt				
	Methylene Chloride	Blank	<0.020	mg/kg dry wt				
	Chlorobenzene	Blank	<0.002	mg/kg dry wt				
	Chloromethane	Blank	<0.010	mg/kg dry wt				
	Bromomethane	Blank	<0.010	mg/kg dry wt				
	Chloroethane	Blank	<0.020	mg/kg dry wt				
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt				
	trans-1,3-Dichloropropene	Blank	<0.002	mg/kg dry wt				
	Chlorodibromomethane	Blank	<0.002	mg/kg dry wt				
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt				
	Bromoform	Blank	<0.002	mg/kg dry wt				
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt				
	2-Chlorotoluene	Blank	< 0.002	mg/kg dry wt				



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	· · · · · · · · · · · · · · · · · · ·	Page 21 c	of 31
QC Batch Number	: GCMS/VOL-17550				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-106138					
	Hexachlorobutadiene	Blank	<0.002	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	•
and deliver deep	p-Isopropyltoluene	Blank	<0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	< 0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	< 0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	< 0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	< 0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg dry wt	
	Bromochloromethane	Blank	<0.002	mg/kg dry wt	
	Bromobenzene	Blank	< 0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.020	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	
	2-Hexanone	Blank	<0.020	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg dry wt	
	Diethyl Ether	Blank	<0.020	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
FBLANK-67471				-	
	Acetone	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
	•	Lab Fort Blk. % Rec.	115.000	%	50-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.000	%	70-130



39 Spruce Street $^{\circ}$ East Longmeadow, MA $\,$ 01028 $^{\circ}$ FAX 413/525-6405 $^{\circ}$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007 Li	ms Bat #: LIMT-09035		Page 22 o	f 31			
QC Batch Number:	GCMS/VQL-17550							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
FBLANK-67471								
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.020	mg/kg dry wt				
		Lab Fort Blk. % Rec.	100.000	%	70-130			
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
	·	Lab Fort Blk. Found	0.019	mg/kg dry wt				
		Lab Fort Blk. % Rec.	97.000	%	70-130			
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.017	mg/kg dry wt				
	•	Lab Fort Blk. % Rec.	87.500	%	70-130			
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.019	mg/kg dry wt				
		Lab Fort Blk. % Rec.	96.600	%	70-130			
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.020	mg/kg dry wt				
		Lab Fort Blk. % Rec.	102.300	%	70-130			
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.021	mg/kg dry wt				
		Lab Fort Blk. % Rec.	106.900	%	70-160			
	MIBK	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.024	mg/kg dry wt				
		Lab Fort Blk. % Rec.	121.800	%	70-160			
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.015	mg/kg dry wt				
		Lab Fort Blk. % Rec.	79.600	%	40-130			
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.019	mg/kg dry wt				
		Lab Fort Blk. % Rec.	96.200	%	70-130			
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.020	mg/kg dry wt				
		Lab Fort Blk. % Rec.	104.800	%	70-160			
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
•		Lab Fort Blk. Found	0.019	mg/kg dry wt				
		Lab Fort Blk. % Rec.	99.400	%	70-130			
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.021	mg/kg dry wt				
		Lab Fort Blk. % Rec.	105.600	%	70-130			
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.020	mg/kg dry wt				
		Lab Fort Blk. % Rec.	102.900	%	70-130			
	1,1,2-Trichloro-1,2,2-Trifluoroetha	ne Lab Fort Blank Amt.	0.020	mg/kg dry wt				
		Lab Fort Blk. Found	0.017	mg/kg dry wt				
		Lab Fort Blk. % Rec.	87.700	%	40-160			
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat # : LIMT-09035		Page 23 o	of 31		
C Batch Number:	GCMS/VOL-17550						
ample ld	Analysis	QC Analysis	Values	Units	Limits		
FBLANK-67471							
	Trichlorofluoromethane	Lab Fort Blk. Found	0.017	mg/kg dry wt			
		Lab Fort Blk. % Rec.	89.300	%	70-130		
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.019	mg/kg dry wt			
		Lab Fort Blk. % Rec.	97.300	%	70-130		
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt			
		Lab Fort Blk. Found	0.042	mg/kg dry wt			
		Lab Fort Blk. % Rec.	105.550	%	70-130		
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.019	mg/kg dry wt			
		Lab Fort Blk. % Rec.	96.500	%	70-130		
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.020	mg/kg dry wt			
		Lab Fort Blk. % Rec.	103.900	%	70-130		
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.020	mg/kg dry wt			
	•	Lab Fort Blk. % Rec.	100.800	%	70-130		
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.019	mg/kg dry wt			
		Lab Fort Blk. % Rec.	95.900	%	70-130		
	1,4-Dioxane	Lab Fort Blank Amt.	0.100	mg/kg dry wt			
•		Lab Fort Blk. Found	0.114	mg/kg dry wt			
		Lab Fort Blk. % Rec.	114.860	%	40-160		
	MTBE	Lab Fort Blank Amt.	0.040	mg/kg dry wt			
	•	Lab Fort Blk. Found	0.046	mg/kg dry wt			
		Lab Fort Blk. % Rec.	116.800	%	70-130		
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.020	mg/kg dry wt			
		Lab Fort Blk. % Rec.	100.700	%	70-130		
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.014	mg/kg dry wt			
		Lab Fort Blk. % Rec.	73.800	%	40-130		
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.015	mg/kg dry wt			
		Lab Fort Blk. % Rec.	79.900	%	40-160		
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.021	mg/kg dry wt			
		Lab Fort Blk. % Rec.	108.100	%	70-130		
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.012	mg/kg dry wt			
		Lab Fort Blk. % Rec.	61.600	%	40-130		
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt			
		Lab Fort Blk. Found	0.015	mg/kg dry wt			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date: 8/30/2007 LIMT-09035 Lims Bat #: Page 24 of 31 GCMS/VOL-17550 QC Batch Number: Sample Id QC Analysis **Analysis** Values Units Limits LFBLANK-67471 Lab Fort Blk. % Rec. **Bromomethane** 78.600 40-130 % Lab Fort Blank Amt. Chloroethane 0.020 mg/kg dry wt Lab Fort Blk. Found 0.018 mg/kg dry wt Lab Fort Blk. % Rec. 94.200 40-160 Lab Fort Blank Amt. cis-1,3-Dichloropropene 0.020 mg/kg dry wt Lab Fort Blk. Found 0.022 mg/kg dry wt Lab Fort Blk. % Rec. 111.200 70-130 trans-1,3-Dichloropropene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 95.900 70-130 Chlorodibromomethane Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk, Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 95.900 % 70-130 1,1,2-Trichloroethane Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.017 mg/kg dry wt Lab Fort Blk. % Rec. 87.300 70-130 Bromoform Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.017 mg/kg dry wt Lab Fort Blk. % Rec. 89.300 70-130 1,1,2,2-Tetrachloroethane Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.017 mg/kg dry wt Lab Fort Blk. % Rec. 87.400 70-130 2-Chlorotoluene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.020 mg/kg dry wt Lab Fort Blk. % Rec. 104.900 70-130 Hexachlorobutadiene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 97.900 % 70-130 Isopropylbenzene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 99.400 70-130 p-Isopropyltoluene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 97.900 70-130 Lab Fort Blank Amt. n-Propylbenzene 0.020 mg/kg dry wt Lab Fort Blk. Found 0.019 mg/kg dry wt Lab Fort Blk. % Rec. 98.500 70-130 sec-Butylbenzene mg/kg dry wt Lab Fort Blank Amt. 0.020 Lab Fort Blk. Found 0.019 mg/kg dry wt 70-130 Lab Fort Blk. % Rec. 98.300 tert-Butylbenzene Lab Fort Blank Amt. 0.020 mg/kg dry wt Lab Fort Blk. Found 0.022 mg/kg dry wt

Lab Fort Blk. % Rec.

112.500

70-160



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		Page 25 o	f 31
QC Batch Number	: GCMS/VOL-17550				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67471				*	
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.500	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.300	%	40-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.000	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.600	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.400	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.600	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
!		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.400	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.800	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.400	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.600	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.400	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.700	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.900	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
	•				
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. Found Lab Fort Blk. % Rec.	0.019 98.200	mg/kg dry wt %	70-130



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:		ims Bat #: LIMT-09035		Page 26 of 31					
QC Batch Number									
Sample Id	Analysis	QC Analysis	Values	Units	Limits				
FBLANK-67471									
	Dichlorodifluoromethane	Lab Fort Blk. Found	0.006	mg/kg dry wt					
		Lab Fort Blk. % Rec.	32.400	%	40-160				
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.018	mg/kg dry wt					
		Lab Fort Blk. % Rec.	93.100	%	70-130				
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.020	mg/kg dry wt	70.40				
	A 1 - 14 11	Lab Fort Blk. % Rec.	100.400	%	70-130				
	Acrylonitrile	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.019	mg/kg dry wt	70				
	O-1 B' If I	Lab Fort Blk. % Rec.	98.000	%	70-160				
	Carbon Disulfide	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.019	mg/kg dry wt	70 101				
		Lab Fort Blk, % Rec.	99.000	%	70-130				
	2-Hexanone	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.019	mg/kg dry wt					
		Lab Fort Blk. % Rec.	98.000	%	70-160				
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.018	mg/kg dry wt					
		Lab Fort Blk. % Rec.	93.300	%	70-130				
	Diethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.017	mg/kg dry wt					
		Lab Fort Blk. % Rec.	89.500	%	70-130				
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.019	mg/kg dry wt					
		Lab Fort Blk. % Rec.	98.900	%	70-130				
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.016	mg/kg dry wt					
		Lab Fort Blk. % Rec.	81.400	%	70-130				
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
	•	Lab Fort Blk. Found	0.018	mg/kg dry wt					
		Lab Fort Blk. % Rec.	94.300	%	70-130				
	Tetrahydrofuran	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.015	mg/kg dry wt					
		Lab Fort Blk. % Rec.	79.900	%	70-130				
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.100	mg/kg dry wt					
		Lab Fort Blk. Found	0.086	mg/kg dry wt					
		Lab Fort Blk. % Rec.	86.120	%	40-130				
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.021	mg/kg dry wt					
		Lab Fort Blk. % Rec.	109.000	%	70-130				
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt					
		Lab Fort Blk. Found	0.026	mg/kg dry wt					



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035		f 31		
QC Batch Numb	er: GCMS/VQL-17550					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
LFBLANK-6747						
	tert-Butylethyl Ether	Lab Fort Blk. % Rec.	131.800	%	70-130	
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt		
		Lab Fort Blk. Found	0.025	mg/kg dry wt		
		Lab Fort Blk. % Rec.	128.500	%	70-130	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 28 of 31					
QC Batch Numbe	er: HG-7958							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
BLANK-106187								
	Mercury	Blank	<0.010	mg/kg dry wt				
LFBLANK-67521								
	Mercury	Lab Fort Blank Amt.	0.500	mg/kg dry wt				
		Lab Fort Blk. Found	0.455	mg/kg dry wt				
		Lab Fort Blk. % Rec.	91.000	%	80-120			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/30/2007	Lims Bat #: LIMT-09035	Page 29 of 31					
QC Batch Number: ICP-17323								
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
BLANK-106093								
	Silver	Blank	<0.50	50 mg/kg dry wt				
	Arsenic	Blank	<2.50	mg/kg dry wt				
	Barium	Blank	<0.50	mg/kg dry wt				
	Cadmium	Blank	<0.25	mg/kg dry wt				
	Chromium	Blank	<0.50	mg/kg dry wt				
	Lead	Blank	<0.75	mg/kg dry wt				
	Selenium	Blank	<5.00	mg/kg dry wt				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

8/30/2007

Lims Bat #:

LIMT-09035

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NOTES:

QC Batch No.:

GCMS/SEMI-9788

Sample ID

07B32434

2,4-Dinitrophenol

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO A LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No.:

GCMS/SEMI-9788

Sample ID :

07B32434

Analysis

Benzoic Acid

MATRIX SPIKE RECOVERY OUTSIDE OF CONTROL LIMITS. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO A LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No.:

GCMS/VOL-17550

Sample 1D

LFBLANK-67471

Analysis

Dichlorodifluoromethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No.:

GCMS/VOL-17550

Sample ID :

LFBLANK-67471

Analysis

tert-Butylethyl Ether

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No.:

GCMS/SEMI-9788

Sample ID

LFBLANK-67524

Analysis

Benzoic Acid

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

8/30/2007

Lims Bat #: LIMT-09035 Page 31 of 31

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

OC BATCH NUMBER

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality

Control Data.

LIMITS

Upper and Lower Control Limits for the QC ANALYSIS Reported. values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken though all the steps of the

analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added MS Amt Measured Matrix Spike % Rec.

Amount of analyte spiked into a sample

Amount of analyte found including amount that was spiked

% Recovery of spiked amount in sample.

Duplicate Value Duplicate RPD

The result from the Duplicate analysis of the sample.

The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Sur. Recovery (PID)

Surrogate Recovery on the Electrolytic Conductivity Detector. Surrogate Recovery on the Photoionization Detector.

Standard Measured Standard Amt Added Standard % Recovery Amount measured for a laboratory control sample Known value for a laboratory control sample

% recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt Lab Fort Blk. Found Lab Fort Blk % Rec Dup Lab Fort Bl Amt Dup Lab Fort Bl Fnd Dup Lab Fort Bl % Rec Laboratory Fortified Blank Amount Added Laboratory Fortified Blank Amount Found Laboratory Fortified Blank % Recovered

Duplicate Laboratory Fortified Blank Amount Added Duplicate Laboratory Fortified Blank Amount Found Duplicate Laboratory Fortified Blank % Recovery

Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.

Lab Fort Blank Range

Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt MSD Amount Added MSD Amt Measured MSD % Recovery

MSD Range

Sample Value for Duplicate used with Matrix Spike Duplicate

Matrix Spike Duplicate Amount Added (Spiked) Matrix Spike Duplicate Amount Measured

Matrix Spike Duplicate % Recovery Absolute difference between Matrix Spike and Matrix

Duplicate Recoveries

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Proposal Provided? (For Billing purposes) yesproposal date	State Form Required? yes no	Data	OTHER Sampled					22	\approx	145631	(i)	2				1 1	T=tedlar bag
☐ yes proposal date		Start	Stop	Comp-		*Matrix Conc.	⊣ ~	0	7	-	σ	C4					U=Other
Field ID Sample Description	Lab # ONB		Date/Time	osite	1	Code Code		,	_ , _								
BFI SOIL	32434/35	MAL.	140m	,				Ì	1	Ĩ	1	1					Client Comments
BEV .		· ·										I					
BELL (KP)		·		÷									,				
BC: V		V	V		V		V	V	W	V	\forall	V					
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11111	0'	N. C. Y.	73,3	·T	F	H - High; M - I			w; C	- Clea	n; U	- Unk	nown	F			J
Relinguished dy (signature)	Date/Time:					Limit Requ		nts	1	Matrix			1.		ervation		
Received by (signalize)	8/10/07 9:4%	0 ~	7-Day	Regulat	ions?	J						dwater	1	l = iced			Na hydroxide

" YURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS
INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

Date/Time: 8/24/07 15/36

Received by: (signature)

Data Enhancement Project/RCP? IY IN

DW= drinking water

A = air

S = soil/solid

SL = sludge

O = other_

M = Methanol

N = Nitric Acid

O = Other_

S = Sulfuric Acid

B = Sodium bisulfate



www.contestlabs.com

39 Spruce Street TELEST Longmeadow: MA Phone: 1-413-525-2332 Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: True Blue
RECEIVED BY: KA DATE: 8/24/07
. Was chain of custody relinquished and signed? NO NO NO NO NO NO NO NO NO N
. Does Chain agree with samples:
If not, explain:
3. All Samples in good condition? YES NO
If not, explain:
Were samples received in compliance with Temperature 0-6 degrees C? NO Degrees: 6'C
Are there any dissolved samples for the lab to filter? YES (NO)
Who was notified? Date: Time:
Are there any on hold samples? YES (NO) STORED WHERE:
Are there any short holding time samples and who was notified? Date: Time
Location where samples are stored:
CONTAINERS SENT IN TO CON-TEST # of CONTAINERS SENT TO CON-TEST # of containers
1 liter amber
500 ml ambor
250 ml amber (8oz. Amber) 4 oz clear jar
1 liter plastic
500 ml plastic
250 ml plactic
40 ml vial—which kind—list below
Coliques hottle
Dissolved extraor bettle
Flashpoint bottle Other
aboratory comments:
of HCL Vial# of Methanol vials# of Sodium Bisulfate vials
of DI water(to be frozen) vials Time and Date when frozen
o all the samples have the correct pH levels? YES NO If no, please explain above

ARCADIS

Sandy Hook Quarry

Topsoil

O



REPORT DATE

9/6/2007

TRUE BLUE 5 NORTHFIELD ROAD WALLINGFORD, CT 06492

CONTRACT NUMBER:

PURCHASE ORDER NUMBER: 71314

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMŤ-09240

JOB NUMBER: 71314

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 W. MAIN ST. BEACON, NY

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	YEST	·
FILL MATERIAL	07B33208	SOIL	NOT SPECIFIED	8082 drywt	
FILL MATERIAL	07B33208	SOIL	NOT SPECIFIED	8260 dry weight	
FILL MATERIAL	07B33208	SOIL	NOT SPECIFIED	8270 dry weight	•
FILL MATERIAL	07B33208	SOIL	NOT SPECIFIED	metals-8 slg icp	
FILL MATERIAL	07B33208	SOIL	NOT SPECIFIED	solids (percent)	
FILL MATERIAL	07B33209	SOIL	NOT SPECIFIED	sub special test	SUBCONTRACTED /
Comments:					

LIMS BATCH NO.: LIMT-09240

IN METHOD 8260, ANY REPORTED RESULTS FOR TERT BUTYL ALCOHOL, 1,4-DIOXANE, CHLOROETHANE, ACETONE, 2,2-DICHLOROPROPANE, TETRAHYDROFURAN, 1,1,1-TRICHLOROETHANE, CARBON TERACHLORIDE, CIS-1,3-DICHLOROPROPENE, TRANS-1,3-DICHLOROPROPENE, DIBROMOCHLOROMETHANE, NAPHTHALENE, 1,2,4-TRICHLOROBENZENE, 1,2-DIBROMO-3-CHLOROPROPANE, AND 1,2,3-TRICHLOROBENZENE ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD 8270, ANY REPORTED RESULT FOR 2,4-DINITROPHENOL, ANTHRACENE, 1,2-DICHLOROBENZENE, BENZOIC ACID, OR 4-NITROPHENOL IS ESTIMATED. CONTINUING CALLIBRATION DID NOT MEET METHOD SPECIFIED CRITERIA.

IN METHOD 8270, ANY REPORTED RESULT FOR INDENO(1,2,3-CD)PYRENE, 3-NITROANILINE, 2,4-DINITROPHENOL, 4-NITROPHENOL, OR PENTACHLOROPHENOL IS LIKELY TO BE BIASED ON THE LOW SIDE BASED ON LABORATORY FORTIFIED BLANK RECOVERY BIAS.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

AIHA 100033

AIHA ELLAP (LEAD) 100033

MASSACHUSETTS MA0100

NEW HAMPSHIRE NELAP 2516

NEW JERSEY NELAP NJ MA007 (AIR)

CONNECTICUT PH-0567 NEW YORK ELAP/NELAP 10899 VERMONT DOH (LEAD) No. LL015036

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Sondra I Slesundi 09/06/07 SIGNATURE

Tod Kopyscinski Director of Operations Sondra L. Slesinski **Quality Assurance Officer**

Edward Denson **Technical Director**

^{*} See end of data tabulation for notes and comments pertaining to this sample



TRUE BLUE

9/6/2007

5 NORTHFIELD ROAD

Page 1 of 12

WALLINGFORD, CT 06492

Purchase Order No.: 71314

LIMS-BAT #: LIMT-09240

Project Location: 1 W. MAIN ST. BEACON, NY

Date Received:

8/31/2007

Field Sample #: FILL MATERIAL

Job Number: 71314

Sample ID:

07B33208

Sampled: 8/30/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
PCB 1016	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB-1221	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB-1232	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB-1242	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB-1248	mg/kg dry wt	· ND	09/05/07	JB	0.125			
PCB-1254	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB-1260	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB 1262	mg/kg dry wt	ND	09/05/07	JB	0.125			
PCB 1268	mg/kg dry wt	ND	09/05/07	JB	0.125			
Extraction Date PCBs		9/3/2007	09/05/07	JB		•		

Analytical Method:

SW846 8081/8082

SAMPLES ARE EXTRACTED BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), CONCENTRATED, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: 71314

9/6/2007 Page 2 of 12

LIMS-BAT #: LIMT-09240 Job Number: 71314

Project Location: 1 W. MAIN ST. BEACON, NY Date Received:

8/31/2007

Field Sample #: FILL MATERIAL

Sample ID:

07B33208

Sampled: 8/30/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo Hi	P/F
Acetone	mg/kg dry wt	ND	09/04/07	MFF	15		
Acrylonitrile	mg/kg dry wt	ND	09/04/07	MFF	2.9		
tert-Amylmethyl Ether	mg/kg dry wt	ND	09/04/07	MFF	0.15		
Benzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Bromobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Bromochloromethane	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Bromodichloromethane	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Bromoform	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Bromomethane	mg/kg dry wt	ND	09/04/07	MFF	1.5		
2-Butanone (MEK)	mg/kg dry wt	ND .	09/04/07	MFF	5.8		
tert-Butyl Alcohol	mg/kg dry wt	ND	09/04/07	MFF	7.2		
n-Butylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
sec-Butylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
tert-Butylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
tert-Butylethyl Ether	mg/kg dry wt	ND	09/04/07	MFF	0.15		
Carbon Disulfide	mg/kg dry wt	ND	09/04/07	MFF	0.86		
Carbon Tetrachloride	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Chlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
Chlorodibromomethane	mg/kg dry wt	ND	09/04/07	MFF	0.15		
Chloroethane	mg/kg dry wt	ND	09/04/07	MFF	2.9		
Chloroform	mg/kg dry wt	ND	09/04/07	MFF	0.58		
Chloromethane	mg/kg dry wt	ND	09/04/07	MFF	1.5		
2-Chlorotoluene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
4-Chlorotoluene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	09/04/07	MFF	0.29		
1,2-Dibromoethane	mg/kg dry wt	ND	09/04/07	MFF	0.15		
Dibromomethane	mg/kg dry wt	ND	09/04/07	MFF	0.29		
1,2-Dichlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
1,3-Dichlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		
1,4-Dichlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29		

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^{* =} See end of report for comments and notes applying to this sample



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5 NORTHFIELD ROAD

Purchase Order No.: 71314

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WALLINGFORD, CT 06492

Project Location: 1 W. MAIN ST. BEACON, NY Date Received:

LIMS-BAT #: LIMT-09240

Field Sample #: FILL MATERIAL

8/31/2007

Job Number: 71314

Sampled: 8/30/2007

Sample ID: 07B33208

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date	Analyst	RL	SPEC		P/F
			Analyzed			Lo	Hi	
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	09/04/07	MFF	0.58			
Dichlorodifluoromethane	mg/kg dry wt	ND	09/04/07	MFF	2.9			
1,1-Dichloroethane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,2-Dichloroethane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1-Dichloroethylene	mg/kg dry wt	ND	09/04/07	MFF	0.58			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,2-Dichloropropane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,3-Dichloropropane	mg/kg dry wt	ND	09/04/07	MFF	0.15			
2,2-Dichloropropane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1-Dichloropropene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	09/04/07	MFF	0.15			
trans-1,3-Dichloropropene	mg/kg dry wt	ND ·	09/04/07	MFF	0.15		•	
Diethyl Ether	mg/kg dry wt	ND	09/04/07	MFF	2.9			
Diisopropyl Ether	mg/kg dry wt	ND	09/04/07	MFF	0.15			
1,4-Dioxane	mg/kg dry wt	ND	09/04/07	MFF	15			
Ethyl Benzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
Hexachlorobutadiene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
2-Hexanone	mg/kg dry wt	ND	09/04/07	MFF	2.9			
Isopropylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
p-Isopropyltoluene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
MTBE	mg/kg dry wt	ND	09/04/07	MFF	0.58			
Methylene Chloride	mg/kg dry wt	ND	09/04/07	MFF	2.9			
мівк	mg/kg dry wt	ND	09/04/07	MFF	2.9			
Naphthalene	mg/kg dry wt	ND	09/04/07	MFF	0.58			
n-Propylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
Styrene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND .	09/04/07	MFF	0.15			
Tetrachloroethylene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
	-							

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

9/6/2007

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WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

8/31/2007

Job Number: 71314

Field Sample #: FILL MATERIAL Sample ID:

07B33208

Sampled: 8/30/2007

SOIL

NOT SPECIFIED

Sample Matrix:

	Units	Results	. Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
Tetrahydrofuran	mg/kg dry wt	ND	09/04/07	MFF	1.5			
Toluene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1,1-Trichloroethane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1,2-Trichloroethane	mg/kg dry wt	ND	09/04/07	MFF '	0.29			
Trichloroethylene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
Trichlorofluoromethane	mg/kg dry wt	ND	09/04/07	MFF	1.5			
1,2,3-Trichloropropane	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	09/04/07	MFF	1.43			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	09/04/07	MFF	0.29			
Vinyl Chloride	mg/kg dry wt	ND	09/04/07	MFF	1.5			
m + p Xylene	mg/kg dry wt	ND	09/04/07	MFF	0.58			
o-Xylene	mg/kg dry wt	ND	09/04/07	MFF	0.29			

Analytical Method:

SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

RL = Reporting Limit

^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

Purchase Order No.: 71314

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WALLINGFORD, CT 06492

Project Location: 1 W. MAIN ST. BEACON, NY

Date Received:

LIMS-BAT #: LIMT-09240

Job Number: 71314

Field Sample #: FILL MATERIAL

8/31/2007

Sample ID:

07B33208

Sampled: 8/30/2007 **NOT SPECIFIED**

Sample Matrix:

SOIL

	Units	Results	Date	Analyst	RL	SPEC		P/F
·			Analyzed			Lo	Hi 	
Acenaphthene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Acenaphthylene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Acetophenone	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Aniline	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Anthracene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Benzoic Acid	mg/kg dry wt	ND	09/05/07	BGL	1.25			
Benzo(a)anthracene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Benzo(a)pyrene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Benzo(b)fluoranthene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Benżo(k)fluoranthene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Bis(2-chloroethoxy)methane	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Bis(2-chloroethyl)ether	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Bis(2-chloroisopropyl)ether	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Bis(2-ethylhexyl)phthalate	mg/kg dry wt	ND	09/05/07	BGL	0.42			
4-Bromophenyl phenyl ether	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Butylbenzylphthalate	mg/kg dry wt	ND	09/05/07	BGL	0.83			
Carbazole	mg/kg dry wt	ND	09/05/07	BGL	0.21			
4-Chloroaniline	mg/kg dry wt	ND	09/05/07	BGL	0.83			
4-Chloro-3-methylphenol	mg/kg dry wt	ND	09/05/07	BGL	0.83			
2-Chloronaphthalene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2-Chlorophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
4-Chlorophenylphenyl ether	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Chrysene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Dibenzofuran	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Dibenz(a,h)anthracene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
1,2-Dichlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
1,3-Dichlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
1,4-Dichlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
3,3'-Dichlorobenzidine	mg/kg dry wt	ND	09/05/07	BGL	0.21			

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^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

9/6/2007

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Page 6 of 12

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

8/31/2007

Job Number: 71314

Field Sample #: FILL MATERIAL

Sample ID:

07B33208

Sampled: 8/30/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	: Limit Hi	P/F
2,4-Dichlorophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Diethylphthalate	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2,4-Dimethylphenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Dimethylphthalate	mg/kg dry wt	ND	09/05/07	BGL	0.83			
Di-n-butylphthalate	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Di-n-octylphthalate	mg/kg dry wt	ND	09/05/07	BGL	0.83			
4,6-Dinitro-2-methylphenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2,4-Dinitrophenol	mg/kg dry wt	ND	09/05/07	BGL	0.83			
2,4-Dinitrotoluene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2,6-Dinitrotoluene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
1,2-Diphenylhydrazine (as Azobenzene)	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Fluoranthene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Fluorene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Hexachlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Hexachlorobutadiene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Hexachlorocyclopentadiene	mg/kg dry wt	ND	09/05/07	BGL	0.83			
Hexachloroethane	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Isophorone	mg/kg dry wt	ND	09/05/07	BGL	0.42			
o-cresol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
m & p-cresol(s)	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2-Methylnaphthalene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Naphthalene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
2-Nitroaniline	mg/kg dry wt	ND	09/05/07	BGL	0.42			
3-Nitroaniline	mg/kg dry wt	ND	09/05/07	BGL	0.42			
4-Nitroaniline	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Nitrobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2-Nitrophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
4-Nitrophenol	mg/kg dry wt	ND	09/05/07	BGL	0.83			

RL = Reporting Limit

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^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

9/6/2007

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WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

8/31/2007

Job Number: 71314

Field Sample #: FILL MATERIAL

Sample ID:

07B33208

Sampled: 8/30/2007

NOT SPECIFIED

Sample Matrix:

SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/F
N-Nitrosodiphenylamine	mg/kg dry wt	ND	09/05/07	BGL	0.42			
N-Nitroso-di-n-propylamine	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Pentachloronitrobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Pentachlorophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Phenanthrene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
Phenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Pyrene	mg/kg dry wt	ND	09/05/07	BGL	0.21			
^o yridine	mg/kg dry wt	ND	09/05/07	BGL	0.21			
1,2,4,5-Tetrachlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2,4,5-Trichlorophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
2,4,6-Trichlorophenol	mg/kg dry wt	ND	09/05/07	BGL	0.42			
Extraction Date 8270		9/5/2007	09/05/07	BGL				

Analytical Method:

SW846 8270

SAMPLES ARE EXTRACTED IN METHYLENE CHLORIDE/ACETONE AND FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR BENZOIC ACID AND PENTACHLORONITROBENZENE ARE ESTIMATED SINCE RESPONSE FACTOR FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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^{* =} See end of report for comments and notes applying to this sample



TRUE BLUE

5 NORTHFIELD ROAD

9/6/2007 Page 8 of 12

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received: Field Sample #: FILL MATERIAL

8/31/2007

Job Number:

Sample ID:

07B33208

Sampled: 8/30/2007 NOT SPECIFIED

ND

mg/kg dry wt

71314

Sample Matrix:

Arsenic Barium Cadmium Chromium Lead Mercury Selenium

Silver

SOIL

Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
 mg/kg dry wt	ND	09/01/07	SDT	3.11	~		
mg/kg dry wt	59.1	09/01/07	SDT	0.63			
mg/kg dry wt	ND	09/01/07	SDT	0.32			
mg/kg dry wt	14.3	09/01/07	SDT	0.63			
mg/kg dry wt	21.6	09/01/07	SDT	0.94			
mg/kg dry wt	0.021	09/04/07	CRM	0.008			
mg/kg dry wt	ND	09/01/07	SDT	6.21			

09/01/07

SDT

0.63

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NM = Not Measured

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TRUE BLUE

5 NORTHFIELD ROAD

9/6/2007

71314

WALLINGFORD, CT 06492

Purchase Order No.: 71314

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Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

8/31/2007

Job Number:

Analytical Method: Arsenic

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Barium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Cadmium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Chromium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Lead

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Mercury

SW846 3050/7471

SAMPLES ARE DIGESTED WITH ACIDS AND THEN ANALYZED BY

COLD VAPOR (FLAMELESS) ATOMIC ABSORPTION SPECTROPHOTOMETRY

Analytical Method: Selenium

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

Analytical Method: Silver

SW846 3050/6010

SAMPLES ARE DIGESTED WITH NITRIC ACID AND THEN ANALYZED BY

INDUCTIVELY COUPLED PLASMA EMISSION SPECTROSCOPY.

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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TRUE BLUE

9/6/2007

5 NORTHFIELD ROAD

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WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

8/31/2007

Job Number:

71314

Sample ID:

07B33208

Sampled: 8/30/2007

Field Sample #: FILL MATERIAL

NOT SPECIFIED

Sample Matrix: SOIL

Units

Results

Date Analyzed

RL Analyst

SPEC Limit

P/F

Lo Hi

Solids, total

%

80.6

09/01/07 DPA

Analytical Method:

SM 2540G

PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES

CENTIGRADE.

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TRUE BLUE

9/6/2007

5 NORTHFIELD ROAD

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WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 W. MAIN ST. BEACON, NY

LIMS-BAT #: LIMT-09240

Date Received:

Field Sample #: FILL MATERIAL

8/31/2007

Job Number:

71314

Sample ID:

07B33209

Sampled: 8/30/2007

NOT SPECIFIED

Sample Matrix:

SOIL

Units

Date

SPEC Limit

P/F

Results

Analyzed

Analyst

Hi

SPECIAL TEST

09/05/07 PEL Lo

SUBCONTRACTED ANALYSIS FOR HERBICIDES BY METHOD SW8151.

PARAMETER	RESULTS	RL	UNITS
2,4,5 - T	ND	24	ug/Kg
2,4,5 - TP	ND	24	ug/Kg
2,4 - D	ND	118	ug/Kg
2,4 - DB	ND	118	ug/Kg
DALAPON	ND	590	ug/Kg
DICAMBA	ND	35	ug/Kg
DICHLOROPROP	ND	118	ug/Kg
DINOSEB	ND	12	ug/Kg

SURROGATE RECOVERY 68%

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TRUE BLUE

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: 71314

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9/6/2007

Project Location: 1 W. MAIN ST. BEACON, NY

Date Received: 8/31/2007

LIMS-BAT #: LIMT-09240

Job Number: 71314

** END OF REPORT **

RL = Reporting Limit

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

^{* =} See end of report for comments and notes applying to this sample



39 Spruce Street $^{\circ}$ East Longmeadow, MA $\,$ 01028 $^{\circ}$ FAX 413/525-6405 $^{\circ}$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240		Page 1 of	20
QC Batch Numb	er: GC/ECD-10197				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B33208					
	Decachlorobiphenyl	Surrogate Recovery	86.5	%	30-150
	Tetrachloro-m-Xylene	Surrogate Recovery	102.5	%	30-150
LANK-106528					
	PCB-1232	Blank	<0.020	mg/kg dry wt	
	PCB-1242	Blank	<0.020	mg/kg dry wt	
	PCB-1254	Blank	<0.020	mg/kg dry wt	
	PCB-1260	Blank	<0.020	mg/kg dry wt	
	PCB-1248	Blank	<0.020	mg/kg dry wt	
	PCB-1221	Blank	<0.020	mg/kg dry wt	
	PCB 1016	Blank	<0.020	mg/kg dry wt	
	PCB 1262	Blank	<0.020	mg/kg dry wt	
	PCB 1268	Blank	<0.020	mg/kg dry wt	
FBLANK-67872					
	PCB-1260	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.156	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.270	%	40-140
		Dup Lab Fort BI Amt.	0.200	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.146	mg/kg dry wt	
		Dup Lab Fort BI %Rec	73.089	%	
		Lab Fort Blank Range	5.181	units	
		Lab Fort Bl. Av. Rec	75.679	%	
		LFB Duplicate RPD	6.846	%	0-30
	PCB 1016	Lab Fort Blank Amt.	0.200	mg/kg dry wt	
		Lab Fort Blk. Found	0.184	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.136	%	40-140
		Dup Lab Fort Bl Amt.	0.200	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.191	mg/kg dry wt	
		Dup Lab Fort BI %Rec	95.807	%	
		Lab Fort Blank Range	3.671	units	
		Lab Fort Bl. Av. Rec	93.971	%	
		LFB Duplicate RPD	3.907	%	0-30



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

0/0/0007

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007 Lir	ns Bat #: LIMT-09240		Page 2 c	of 20
QC Batch Number:	GCMS/SEMI-9819				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
7B33208					- 107 44-1
	Phenol-d6	Surrogate Recovery	52.5	%	30-130
	Nitrobenzene-d5	Surrogate Recovery	42.1	%	30-130
	2-Fluorobiphenyl	Surrogate Recovery	47.5	%	30-130
	2,4,6-Tribromophenol	Surrogate Recovery	44.1	%	30-130
	Terphenyl-d14	Surrogate Recovery	60.2	%	30-130
	2-Fluorophenol	Surrogate Recovery	50.5	%	30-130
BLANK-106555	•				
	1,4-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Naphthalene	Blank	<0.17	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	< 0.34	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.34	mg/kg dry wt	
	Acenaphthene	Blank	<0.17	mg/kg dry wt	
	Acenaphthylene	Blank	<0.17	mg/kg dry wt	
	Aniline	Blank	<0.34	mg/kg dry wt	
	Anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.17	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.17	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.17	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.17	mg/kg dry wt	
	Benzoic Acid	Blank	<1.00	mg/kg dry wt	
	Bis(2-chloroethyl)ether	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroethoxy)methane	Blank	< 0.34	mg/kg dry wt	
	Bis(2-chloroisopropyl)ether	Blank	< 0.34	mg/kg dry wt	
	Bis(2-ethylhexyl)phthalate	Blank	< 0.34	mg/kg dry wt	
	4-Bromophenyl phenyl ether	Blank	< 0.34	mg/kg dry wt	
	Butylbenzylphthalate	Blank	< 0.67	mg/kg dry wt	
	4-Chloroaniline	Blank	<0.67	mg/kg dry wt	
	2-Chloronaphthalene	Blank	< 0.34	mg/kg dry wt	
	4-Chlorophenylphenyl ether	Blank	< 0.34	mg/kg dry wt	
	Chrysene	Blank	<0.17	mg/kg dry wt	
	Dibenz(a,h)anthracene	Blank	<0.17	mg/kg dry wt	
	Dibenzofuran	Blank	<0.34	mg/kg dry wt	
	3,3'-Dichlorobenzidine	Blank	<0.17	mg/kg dry wt	
	Diethylphthalate	Blank	<0.34	mg/kg dry wt	
	Dimethylphthalate	Blank	<0.67	mg/kg dry wt	
	Di-n-butylphthalate	Blank	<0.34	mg/kg dry wt	
	2,4-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	2,6-Dinitrotoluene	Blank	<0.34	mg/kg dry wt	
	1,2-Diphenylhydrazine (as Azober		<0.34	mg/kg dry wt	
	Di-n-octylphthalate	Blank	<0.67	mg/kg dry wt	
	Fluoranthene	Blank	<0.17	mg/kg dry wt	
	Fluorene	Blank	<0.17	mg/kg dry wt	
	Hexachlorobenzene	Blank	<0.34	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240			Page 3 of 20		
QC Batch Number:	GCMS/SEMI-9819						
Sample Id	Analysis	QC A	Analysis	Values	Units	Limits	
BLANK-106555							
	Hexachlorobutadiene	Blank		<0.34	mg/kg dry wt		
	Hexachlorocyclopentadiene	Blank		<0.67	mg/kg dry wt		
	Hexachloroethane	Blank		<0.34	mg/kg dry wt		
•	Indeno(1,2,3-cd)pyrene	Blank		<0.17	mg/kg dry wt		
	Isophorone	Blank		<0.34	mg/kg dry wt		
	2-Methylnaphthalene	Blank		<0.17	mg/kg dry wt		
	2-Nitroaniline	Blank		<0.34	mg/kg dry wt		
	3-Nitroaniline	Blank		< 0.34	mg/kg dry wt		
	Nitrobenzene	Blank		<0.34	mg/kg dry wt		
	N-Nitroso-di-n-propylamine	Blank		<0.34	mg/kg dry wt		
	N-Nitrosodiphenylamine	Blank		<0.34	mg/kg dry wt		
	Phenanthrene	Blank		<0.17	mg/kg dry wt		
	Pyrene	Blank		<0.17	mg/kg dry wt		
	1,2,4-Trichlorobenzene	Blank		<0.34	mg/kg dry wt		
	4-Chloro-3-methylphenol	Blank		<0.67	mg/kg dry wt		
	2-Chlorophenol	Blank		<0.34	mg/kg dry wt		
	2,4-Dichlorophenol	Blank		<0.34	mg/kg dry wt		
	2,4-Dimethylphenol	Blank		<0.34	mg/kg dry wt		
	4,6-Dinitro-2-methylphenol	Blank		<0.34	mg/kg dry wt		
	2,4-Dinitrophenol	Blank		<0.67	mg/kg dry wt		
	o-cresol	Blank		<0.34	mg/kg dry wt		
	m & p-cresol(s)	Blank		<0.34	mg/kg dry wt		
	2-Nitrophenol	Blank		<0.34	mg/kg dry wt		
	4-Nitrophenol	Blank		<0.67	mg/kg dry wt		
	Phenol	Blank		<0.34	mg/kg dry wt		
	2,4,5-Trichlorophenol	Blank		<0.34	mg/kg dry wt		
	2,4,6-Trichlorophenol	Blank		<0.34	mg/kg dry wt		
	Pentachlorophenol	Blank		<0.34	mg/kg dry wt		
	Pyridine	Blank		<0.17	mg/kg dry wt		
	Benzo(k)fluoranthene	Blank		<0.17	mg/kg dry wt		
	Acetophenone	Blank		<0.34	mg/kg dry wt		
	Carbazole	Blank		<0.17	mg/kg dry wt		
	Pentachloronitrobenzene	Blank		<0.34	mg/kg dry wt		
	1,2,4,5-Tetrachlorobenzene	Blank		< 0.34	mg/kg dry wt		
FBLANK-67893							
	1,4-Dichlorobenzene	Lab Fo	ort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fo	ort Blk. Found	0.97	mg/kg dry wt		
		Lab Fo	ort Blk. % Rec.	58.73	%	40-140	
	Naphthalene	Lab Fo	ort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fo	ort Blk. Found	0.88	mg/kg dry wt		
			ort Blk. % Rec.	53.19	%	40-140	
	1,2-Dichlorobenzene		ort Blank Amt.	1.66	mg/kg dry wt		
			ort Blk. Found	1.19	mg/kg dry wt		



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007			Page 4 of 20		
QC Batch Number	: GCMS/SEMI-9819					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
FBLANK-67893						
	1,2-Dichlorobenzene	Lab Fort Blk. % Rec.	71.80	%	40-140	
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.96	mg/kg dry wt		
		Lab Fort Blk. % Rec.	57.93	%	40-140	
	Acenaphthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.81	mg/kg dry wt		
		Lab Fort Blk. % Rec.	48.69	%	40-140	
	Acenaphthylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.78	mg/kg dry wt		
		Lab Fort Blk. % Rec.	46.97	%	40-140	
	Aniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.41	mg/kg dry wt		
		Lab Fort Blk. % Rec.	25.12	%	10-140	
	Anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
•		Lab Fort Blk. Found	1.14	mg/kg dry wt		
		Lab Fort Blk. % Rec.	68.41	%	40-140	
	Benzo(a)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.93	mg/kg dry wt		
		Lab Fort Blk. % Rec.	56.35	%	40-140	
	Benzo(a)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.03	%	40-140	
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.91	mg/kg dry wt		
		Lab Fort Blk. % Rec.	54.87	%	40-140	
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.65	mg/kg dry wt		
		Lab Fort Blk. % Rec.	39.08	%	40-140	
	Benzoic Acid	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.00	mg/kg dry wt		
		Lab Fort Blk. % Rec.	0.00	%	30-130	
	Bis(2-chloroethyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found .	0.92	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.55	%	40-140	
	Bis(2-chloroethoxy)methane	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.93	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.87	%	40-140	
	Bis(2-chloroisopropyl)ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.86	mg/kg dry wt		
		Lab Fort Blk. % Rec.	51.93	%	40-140	
	Bis(2-ethylhexyl)phthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	. 1.18	mg/kg dry wt		
		Lab Fort Blk. % Rec.	71.21	%	40-140	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat # : LIMT-09240		Page 5 of	20
QC Batch Number:	: GCMS/SEMI-9819				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67893					
	4-Bromophenyl phenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.95	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.19	%	40-140
	Butylbenzylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.17	mg/kg dry wt	
		Lab Fort Blk. % Rec.	70.73	%	40-140
	4-Chloroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.31	mg/kg dry wt	
		Lab Fort Blk. % Rec.	18.79	%	10-140
	2-Chloronaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.97	mg/kg dry wt	
		Lab Fort Blk. % Rec.	58.67	%	40-140
	4-Chlorophenylphenyl ether	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.87	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.53	%	40-140
	Chrysene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.92	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.41	%	40-140
	Dibenz(a,h)anthracene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.73	mg/kg dry wt	
		Lab Fort Blk. % Rec.	44.25	%	40-140
	Dibenzofuran	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.96	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.75	%	40-140
	3,3'-Dichlorobenzidine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.38	mg/kg dry wt	
		Lab Fort Blk. % Rec.	23.10	%	20-140
	Diethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.87	mg/kg dry wt	
		Lab Fort Blk. % Rec.	52.27	%	40-140
	Dimethylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.99	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.87	%	40-140
	Di-n-butylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.05	mg/kg dry wt	
		Lab Fort Blk. % Rec.	63.22	%	40-140
	2,4-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.04	mg/kg dry wt	
		Lab Fort Blk. % Rec.	62.56	%	40-140
	2,6-Dinitrotoluene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.01	mg/kg dry wt	
		Lab Fort Blk. % Rec.	60.61	%	40-140
	1,2-Diphenylhydrazine (as Azobe	nzene) Lab Fort Blank Amt.	1.66	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007 Lims Bat	#: LIMT-09240	Page 6 of 20		20
QC Batch Number:	GCMS/SEMI-9819				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-67893					
	1,2-Diphenylhydrazine (as Azobenzene)	Lab Fort Blk. Found	1.12	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.45	%	40-140
	Di-n-octylphthalate	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	1.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.66	%	40-140
	Fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.93	%	40-140
	Fluorene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.45	%	40-140
	Hexachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.96	mg/kg dry wt	
		Lab Fort Blk. % Rec.	57.69	%	40-140
	Hexachlorobutadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.84	mg/kg dry wt	
		Lab Fort Blk. % Rec.	50.77	%	40-140
	Hexachlorocyclopentadiene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found .	0.82	mg/kg dry wt	
		Lab Fort Blk. % Rec.	49.67	%	40-140
	Hexachloroethane	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.98	mg/kg dry wt	
		Lab Fort Blk. % Rec.	59.15	%	40-140
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
•		Lab Fort Blk. Found	0.63	mg/kg dry wt	
		Lab Fort Blk. % Rec.	38.31	%	40-140
	Isophorone	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.85	mg/kg dry wt	
		Lab Fort Blk. % Rec.	51.35	%	40-140
	2-Methylnaphthalene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.91	mg/kg dry wt	
		Lab Fort Blk. % Rec.	55.03	%	40-140
	2-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.82	mg/kg dry wt	
		Lab Fort Blk. % Rec.	49.76	%	40-140
	3-Nitroaniline	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.47	mg/kg dry wt	
		Lab Fort Blk. % Rec.	28.49	%	30-140
	Nitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.89	mg/kg dry wt	
		Lab Fort Blk. % Rec.	53.41	%	40-140
	N-Nitroso-di-n-propylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt	
		Lab Fort Blk. Found	0.97	mg/kg dry wt	



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240		Page 7 of 20		
QC Batch Numbe	r: GCMS/SEMI-9819					
Sample Id	Analysis	QC Analysis	Values	U nits	Limits	
FBLANK-67893					2	
	N-Nitroso-di-n-propylamine	Lab Fort Blk. % Rec.	58.71	%	80-180	
	N-Nitrosodiphenylamine	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.29	mg/kg dry wt		
		Lab Fort Blk. % Rec.	77.68	%	40-140	
	Phenanthrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.92	mg/kg dry wt		
		Lab Fort Blk. % Rec.	55.65	%	40-140	
	Pyrene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.01	mg/kg dry wt		
		Lab Fort Blk. % Rec.	60.64	%	40-140	
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.93	mg/kg dry wt		
		Lab Fort Blk. % Rec.	56.15	%	40-140	
	4-Chloro-3-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.77	mg/kg dry wt		
		Lab Fort Blk. % Rec.	46.39	%	30-130	
	2-Chlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.95	mg/kg dry wt		
		Lab Fort Blk. % Rec.	57.35	%	30-130	
	2,4-Dichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.88	mg/kg dry wt		
		Lab Fort Blk. % Rec.	52.81	%	30-130	
	2,4-Dimethylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.89	mg/kg dry wt		
		Lab Fort Blk. % Rec.	53.67	%	30-130	
	4,6-Dinitro-2-methylphenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.44	mg/kg dry wt		
		Lab Fort Blk. % Rec.	26.46	%	30-130	
	2,4-Dinitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt	*	
		Lab Fort Blk. Found	0.00	mg/kg dry wt		
		Lab Fort Blk. % Rec.	0.00	%	10-130	
	o-cresol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.05	mg/kg dry wt		
		Lab Fort Blk. % Rec.	63.28	%	30-130	
	m & p-cresol(s)	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	1.16	mg/kg dry wt		
		Lab Fort Blk. % Rec.	70.12	%	30-130	
	2-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
		Lab Fort Blk. Found	0.87	mg/kg dry wt		
		Lab Fort Blk. % Rec.	52.39	%	30-130	
	4-Nitrophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt		
	·	Lab Fort Blk. Found	0.46	mg/kg dry wt		
		Lab Fort Blk. % Rec.	27.59	%	30-130	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240		Page 8 of 20					
QC Batch Number	GCMS/SEMI-9819								
Sample Id	Analysis	QC Analysis	Values	Units	Limits				
FBLANK-67893									
	Phenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.84	mg/kg dry wt					
		Lab Fort Blk. % Rec.	50.43	%	30-130				
	2,4,5-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.89	mg/kg dry wt					
		Lab Fort Blk. % Rec.	53.57	%	30-130				
	2,4,6-Trichlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.71	mg/kg dry wt					
		Lab Fort Blk. % Rec.	42.71	%	30-130				
	Pentachlorophenol	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
	•	Lab Fort Blk, Found	0.34	mg/kg dry wt					
		Lab Fort Blk. % Rec.	20.47	%	30-130				
	Pyridine	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.74	mg/kg dry wt					
		Lab Fort Blk. % Rec.	44.45	%	30-140				
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	1.03	mg/kg dry wt					
		Lab Fort Blk. % Rec.	62.03	%	40-140				
	Acetophenone	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	1.08	mg/kg dry wt					
		Lab Fort Blk. % Rec.	65.17	%	40-140				
	Carbazole	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.99	mg/kg dry wt					
•		Lab Fort Blk. % Rec.	59.85	%	40-140				
	Pentachloronitrobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	1.00	mg/kg dry wt					
		Lab Fort Blk. % Rec.	60.35	%	40-140				
	1,2,4,5-Tetrachlorobenzene	Lab Fort Blank Amt.	1.66	mg/kg dry wt					
		Lab Fort Blk. Found	0.88	mg/kg dry wt					
		Lab Fort Blk. % Rec.	53.09	%	40-140				



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007 Lims B	at # : LIMT-09240		20	
QC Batch Number	: GCMS/V O L-17593				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B33208					
	1,2-Dichloroethane-d4	Surrogate Recovery	98.440	%	70-130
	Toluene-d8	Surrogate Recovery	97.280	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.720	%	70-130
3LANK-106446					
	Acetone	Blank	<10.	mg/kg dry wt	
	Benzene	Blank	<0.20	mg/kg dry wt	
	Carbon Tetrachloride	Blank ,	<0.20	mg/kg dry wt	
	Chloroform	Blank	<0.40	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.20	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
•	Ethyl Benzene	Blank	<0.20	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<4.0	mg/kg dry wt	
	MIBK	Blank .	<2.0	mg/kg dry wt	
	Naphthalene	Blank	<0.40	mg/kg dry wt	
	Styrene	Blank	<0.20	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.20	mg/kg dry wt	
	Toluene	Blank	<0.20	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.20	mg/kg dry wt	
	Trichloroethylene	Blank	<0.20	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<1.00	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<1.0	mg/kg dry wt	
	o-Xylene	Blank	<0.20	mg/kg dry wt	
	m + p Xylene	Blank	<0.40	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.20	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.40	mg/kg dry wt	
	1,4-Dioxane	Blank	<10.	mg/kg dry wt	
	MTBE	Blank	<0.40	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.20	mg/kg dry wt	
	Vinyl Chloride	Blank	<1.0	mg/kg dry wt	
	Methylene Chloride	Blank	<2.0	mg/kg dry wt	
	Chlorobenzene	Blank	<0.20	mg/kg dry wt	
	Chloromethane	Blank	<1.0	mg/kg dry wt	
	Bromomethane	Blank	<1.0	mg/kg dry wt	
	Chloroethane	Blank	<2.0	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.10	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.10	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.10	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.20	mg/kg dry wt	
	Bromoform	Blank	<0.20	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.10	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.20	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat # : LIMT-09240		Page 10 of 20					
QC Batch Number:	GCMS/VOL-17593								
Sample Id	Analysis	QC Analysis	Values	Units	Limits				
3LANK-106446									
	Hexachlorobutadiene	Blank	<0.20	mg/kg dry wt					
	Isopropylbenzene	Blank	<0.20	mg/kg dry wt					
	p-Isopropyltoluene	Blank	<0.20	mg/kg dry wt					
	n-Propylbenzene	Blank	<0.20	mg/kg dry wt					
	sec-Butylbenzene	Blank	<0.20	mg/kg dry wt					
•	tert-Butylbenzene	Blank	<0.20	mg/kg dry wt					
	1,2,3-Trichlorobenzene	Blank	<0.20	mg/kg dry wt					
	1,2,4-Trichlorobenzene	Blank	<0.20	mg/kg dry wt					
	1,2,4-Trimethylbenzene	Blank	<0.20	mg/kg dry wt					
	1,3,5-Trimethylbenzene	Blank	<0.20	mg/kg dry wt					
	4-Chlorotoluene	Blank	<0.20	mg/kg dry wt					
	Dibromomethane	Blank	<0.20	mg/kg dry wt					
	cis-1,2-Dichloroethylene	Blank	<0.20	mg/kg dry wt					
	1,1-Dichloropropene	Blank	<0.20	mg/kg dry wt					
	1,2-Dichloropropane	Blank	<0.20	mg/kg dry wt					
	1,3-Dichloropropane	Blank	<0.10	mg/kg dry wt					
	2,2-Dichloropropane	Blank	<0.20	mg/kg dry wt					
	1,1,1,2-Tetrachloroethane	Blank	<0.20	mg/kg dry wt					
	1,2,3-Trichloropropane	Blank	<0.20	mg/kg dry wt					
	n-Butylbenzene	Blank	<0.20	mg/kg dry wt					
	Dichlorodifluoromethane	Blank	<2.0	mg/kg dry wt					
	Bromochloromethane	Blank	<0.20	mg/kg dry wt					
	Bromobenzene	Blank	<0.20	mg/kg dry wt					
	Acrylonitrile	Blank	<2.0	mg/kg dry wt					
	Carbon Disulfide	Blank	<0.60	mg/kg dry wt					
	2-Hexanone	Blank	<2.0	mg/kg dry wt					
	trans-1,4-Dichloro-2-Butene	Blank	< 0.40	mg/kg dry wt					
	Diethyl Ether	Blank	<2.0	mg/kg dry wt					
	Bromodichloromethane	Blank	<0.20	mg/kg dry wt					
	1,2-Dibromo-3-Chloropropane	Blank	<0.20	mg/kg dry wt					
	1,2-Dibromoethane	Blank	<0.10	mg/kg dry wt					
	Tetrahydrofuran	Blank	<1.0	mg/kg dry wt					
	tert-Butyl Alcohol	Blank	<5.0	mg/kg dry wt					
	Diisopropyl Ether	Blank	<0.10	mg/kg dry wt					
	tert-Butylethyl Ether	Blank	<0.10	mg/kg dry wt	•				
	tert-Amylmethyl Ether	Blank	<0.10	mg/kg dry wt					
FBLANK-67782									
	Acetone	Lab Fort Blank Amt.	2.000	mg/kg dry wt					
		Lab Fort Blk. Found	1.548	mg/kg dry wt					
		Lab Fort Blk. % Rec.	77.400	%	50-160				
	Benzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt					
		Lab Fort Blk. Found	2.012	mg/kg dry wt					
		Lab Fort Blk. % Rec.	100.600	%	70-130				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates Method Blanks

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. GCIVIS/VOL-17593							
Analysis	QC Analysis	Values	U nits	Limits			
Carbon Tetrachloride	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.904	mg/kg dry wt				
	Lab Fort Blk. % Rec.	145.200	%	70-130			
Chloroform	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	1.862	mg/kg dry wt				
	t.ab Fort Blk. % Rec.	93.100	%	70-130			
1,2-Dichloroethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.033	mg/kg dry wt				
	Lab Fort Blk. % Rec.	101.700	%	70-130			
1,4-Dichlorobenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.032	mg/kg dry wt				
	Lab Fort Blk. % Rec.	101.600	%	70-130			
Ethyl Benzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.152	mg/kg dry wt				
	Lab Fort Blk. % Rec.	107.600	%	70-130			
2-Butanone (MEK)	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	1.298	mg/kg dry wt				
	Lab Fort Blk. % Rec.	64.900	%	70-160			
MIBK	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.082					
	Lab Fort Blk. % Rec.		%	70-160			
Naphthalene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	1.394					
•	Lab Fort Blk. % Rec.	69.700	%	40-130			
Styrene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
	Lab Fort Blk. Found	2.154					
	Lab Fort Blk. % Rec.	107.700		70-130			
Tetrachloroethylene	•						
•							
				70-160			
Toluene	Lab Fort Blank Amt.			, , , , ,			
	Lab Fort Blk. Found						
				70-130			
1.1.1-Trichloroethane							
, ,							
				70-130			
Trichloroethylene							
				70-130			
1 1 2-Trichloro-1 2 2-Trifluoroethan				70-130			
7, 7,2 111011010-1,2,2-111110010etilaili							
	Lab Fort Blk. % Rec.	76.800	mg/kg ary wt %	40-160			
	Carbon Tetrachloride Chloroform 1,2-Dichloroethane 1,4-Dichlorobenzene Ethyl Benzene 2-Butanone (MEK) MIBK Naphthalene Styrene Tetrachloroethylene 1,1,1-Trichloroethane Trichloroethylene	Carbon Tetrachloride Lab Fort Blank Amt. Lab Fort Blk. Found Lab Fort Blank Amt. Lab Fort Blank Amt. Lab Fort Blik. Found Lab	Carbon Tetrachloride Lab Fort Blank Amt. 2.000 Lab Fort Blk. Found 2.904 Lab Fort Blk. % Rec. 145.200 Chloroform Lab Fort Blank Amt. 2.000 Lab Fort Blk. Found 1.862 Lab Fort Blk. Found 2.033 Lab Fort Blk. Found 2.033 Lab Fort Blk. Found 2.032 Lab Fort Blk. Found 2.032 Lab Fort Blk. Found 2.032 Lab Fort Blk. Found 2.032 Lab Fort Blk. Found 2.152 Lab Fort Blk. Found 2.152 Lab Fort Blk. Found 1.298 Lab Fort Blk. Found 1.298 Lab Fort Blk. Found 1.298 Lab Fort Blk. Found 1.298 Lab Fort Blk. Found 2.082 Lab Fort Blk. Found 2.082 Lab Fort Blk. Found 2.082 Lab Fort Blk. Found 2.082 Lab Fort Blk. Found 2.082 Lab Fort Blk. Found 2.154 Lab Fort Blk. Found 2.154 Lab Fort Blk. Found 2.304	Carbon Tetrachloride Lab Fort Blank Amt. Lab Fort Blik. Found 2.904 mg/kg dry wt Lab Fort Blik. Found 2.904 mg/kg dry wt Lab Fort Blik. Warec. 145.200 % Chloroform Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blik. Found 1.862 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blank Amt. 2.000 mg/kg dry wt Lab Fort Blik. Warec. 101.600 % Ethyl Benzene Lab Fort Blik. Found 2.152 mg/kg dry wt Lab Fort Blik. Warec. 101.600 % Ethyl Benzene Lab Fort Blik. Warec. 107.600 % Ethyl Benzene Lab Fort Blik.			



39 Spruce Street $^{\circ}$ East Longmeadow, MA $\,$ 01028 $^{\circ}$ FAX 413/525-6405 $^{\circ}$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIM	1T-09240		Page 12 o	f 20
QC Batch Number:	GCMS/VOL-17593					
Sample Id	Analysis	QC An	alysis	Values	Units	Limits
FBLANK-67782						
	Trichlorofluoromethane	Lab For	rt Blk. Found	2.036	mg/kg dry wt	
		Lab For	rt Blk. % Rec.	101.800	%	70-130
	o-Xylene	Lab For	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab For	rt Blk. Found	2.124	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	106.200	%	70-130
	m + p Xylene	Lab For	rt Blank Amt.	4.000	mg/kg dry wt	
		Lab For	rt Blk. Found	4.386	mg/kg dry wt	
		Lab For	rt Blk. % Rec.	109.650	%	70-130
	1,2-Dichlorobenzene	Lab For	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab For	rt Blk. Found	1.992	mg/kg dry wt	
		Lab For	rt Blk. % Rec.	99.600	%	70-130
	1,3-Dichlorobenzene	Lab For	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	2.072	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	103.600	%	70-130
	1,1-Dichloroethane	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	*
		Lab Fo	rt Blk. Found	2.086	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	104.300	%	70-130
	1,1-Dichloroethylene	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	2.017	mg/kg dry wt	
		Lab Fo	rt Blk, % Rec.	100.900	%	70-130
	1,4-Dioxane	Lab Fo	rt Blank Amt.	10.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	8.498	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	84.980	%	40-160
	MTBE	Lab Fo	rt Blank Amt.	4.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	3.858	mg/kg dry wt	
	· ·	Lab Fo	rt Blk. % Rec.	96.450	%	70-130
	trans-1,2-Dichloroethylene	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
	,	Lab Fo	rt Bik. Found	2.025	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	101.300	%	70-130
	Vinyl Chloride	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	1.724	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	86.200	%	40-130
	Methylene Chloride	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	1.656	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	82.800	%	40-160
	Chlorobenzene	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
		Lab Fo	rt Blk. Found	2.166	mg/kg dry wt	
		Lab Fo	rt Blk. % Rec.	108.300	%	70-130
	Chloromethane	Lab Fo	rt Blank Amt.	2.000	mg/kg dry wt	
			rt Blk. Found	1.608	mg/kg dry wt	
			rt Blk. % Rec.	80.400	%	40-130
	Bromomethane		rt Blank Amt.	2.000	mg/kg dry wt	
			rt Blk. Found	2.136	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat # : LIMT-09240		Page 13 o	f 20
QC Batch Number	: GCMS/VOL-17593				
Sample Id	Analysis	QC Analysis	Values	Units	Limits
FBLANK-67782					
	Bromomethane	Lab Fort Blk. % Rec.	106.800	%	40-130
•	Chloroethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.548	mg/kg dry wt	
		Lab Fort Blk. % Rec.	127.400	%	40-160
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.328	mg/kg dry wt	
		Lab Fort Blk. % Rec.	116.400	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.392	mg/kg dry wt	
		Lab Fort Blk. % Rec.	119.600	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.488	mg/kg dry wt	
		Lab Fort Blk. % Rec.	124.400	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	1.896	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.800	%	70-130
	Bromoform	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	1.864	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.200	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	1.738	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.900	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.126	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.300	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.028	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.400	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.114	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.700	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.106	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.140	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.000	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.164	mg/kg dry wt	
		Lab Fort Blk, % Rec.	108.200	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab Fort Blk. Found	2.412	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.600	%	70-160



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240	Page 14 of 20					
QC Batch Numbe	r: GCMS/VOL-17593							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
LFBLANK-67782								
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk, Found	1.366	mg/kg dry wt				
		Lab Fort Blk. % Rec.	68.300	%	70-130			
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	1.506	mg/kg dry wt				
		Lab Fort Blk. % Rec.	75.300	%	40-130			
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.140	mg/kg dry wt				
		Lab Fort Blk. % Rec.	107.000	%	70-130			
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.204	mg/kg dry wt				
		Lab Fort Blk. % Rec.	110.200	%	70-130			
	4-Chlorotoluene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.110	mg/kg dry wt				
*		Lab Fort Blk. % Rec.	105.500	%	70-130			
	Dibromomethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	1.952	mg/kg dry wt				
		Lab Fort Blk. % Rec.	97.600	%	70-130			
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.070	mg/kg dry wt				
		Lab Fort Blk. % Rec.	103.500	%	70-130			
	1,1-Dichloropropene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.012	mg/kg dry wt				
		Lab Fort Blk. % Rec.	100.600	%	70-130			
	1,2-Dichloropropane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	1.986	mg/kg dry wt				
		Lab Fort Blk. % Rec.	99.300	%	70-130			
	1,3-Dichloropropane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	1.984	mg/kg dry wt				
		Lab Fort Blk. % Rec.	99.200	%	70-130			
	2,2-Dichloropropane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk, Found	2.354	mg/kg dry wt				
		Lab Fort Blk. % Rec.	117.700	%	70-130			
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.186	mg/kg dry wt				
		Lab Fort Blk. % Rec.	109.300	%	70-130			
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	1.714	mg/kg dry wt				
		Lab Fort Blk. % Rec.	85.700	%	70-130			
	n-Butylbenzene	Lab Fort Blank Amt.	2.000	mg/kg dry wt				
		Lab Fort Blk. Found	2.005	mg/kg dry wt				
		Lab Fort Blk. % Rec.	100.300	%	70-130			
	Dichlorodifluoromethane	Lab Fort Blank Amt.	2.000	mg/kg dry wt				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #:	LIMT-09240		Page 15 d	of 20
QC Batch Number:	: GCMS/VOL-17593					
Sample Id	Analysis	Q	C Analysis	Values	U nits	Limits
LFBLANK-67782						
	Dichlorodifluoromethane	Lat	Fort Blk. Found	1.766	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	88.300	%	40-160
	Bromochloromethane	Lat	Fort Blank Amt.	2.000	mg/kg dry wt	
		Lat	Fort Blk. Found	1.996	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	99.800	%	70-130
	Bromobenzene	Lat	Fort Blank Amt.	2.000	mg/kg dry wt	
		Lat	Fort Blk. Found	1.984	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	99.200	%	70-130
	Acrylonitrile	Lat	Fort Blank Amt.	2.000	mg/kg dry wt	
		Lat	Fort Blk. Found	2.074	mg/kg dry wt	
		Lat	Fort Blk. % Rec.	103.700	%	70-160
	Carbon Disulfide	Lat	Fort Blank Amt.	2.000	mg/kg dry wt	
	•	Lat	Fort Blk. Found	2.037	mg/kg dry wt	
			Fort Blk. % Rec.	101.900	%	70-130
	2-Hexanone	Lab	Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab	Fort Blk. Found	1.472	0 0 ,	
		Lab	Fort Blk. % Rec.	73.600	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab	Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab	Fort Blk. Found	1.878	mg/kg dry wt	
		Lab	Fort Blk. % Rec.	93.900	%	70-130
	Diethyl Ether		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	1.860	mg/kg dry wt	
			Fort Blk. % Rec.	93.000	%	70-130
	Bromodichloromethane		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	2.164	mg/kg dry wt	
			Fort Blk. % Rec.	108.200	%	70-130
	1,2-Dibromo-3-Chloropropane		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	1.656	mg/kg dry wt	
			Fort Blk. % Rec.	82.800	%	70-130
	1,2-Dibromoethane		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	1.920	mg/kg dry wt	
			Fort Blk. % Rec.	96.000	%	70-130
	Tetrahydrofuran		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	1.442	mg/kg dry wt	
			Fort Blk. % Rec.	72.100	%	70-130
	tert-Butyl Alcohol		Fort Blank Amt.	10.000	mg/kg dry wt	
			Fort Blk. Found	9.480	mg/kg dry wt	10.100
	Diagram of Ether		Fort Blk. % Rec.	94.800	%	40-130
	Diisopropyl Ether		Fort Blank Amt.	2.000	mg/kg dry wt	
			Fort Blk. Found	2.000	mg/kg dry wt	70.400
	As A D. A Jatha L. P. C.		Fort Blk. % Rec.	100.000	%	70-130
	tert-Butylethyl Ether		Fort Blank Amt.	2.000	mg/kg dry wt	
		Lab	Fort Blk. Found	1.954	mg/kg dry wt	



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240	•	of 20		
QC Batch Numbe	er: GCMS/V O L-17593					
Sample Id	Analysis	QC Analysis	Values	Units	Limits	
LFBLANK-67782						
	tert-Butylethyl Ether	Lab Fort Blk. % Rec.	97.700	%	70-130	
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	2.000	mg/kg dry wt		
		Lab Fort Blk. Found	1.766	mg/kg dry wt		
		Lab Fort Blk. % Rec.	88.300	%	70-130	



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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

QC Batch Number:

9/6/2007

Lims Bat #:

LIMT-09240

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Sample Id

HG-7981

QC Analysis

Values

Units

Limits

BLANK-106486

Mercury

Analysis

Blank

<0.010

mg/kg dry wt



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	9/6/2007	Lims Bat #: LIMT-09240	Page 18 of 20					
QC Batch Numbe	er: ICP-17368							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
BLANK-106409								
	Silver	Blank	<0.50	mg/kg dry wt				
	Arsenic	Blank	<2.50	mg/kg dry wt				
	Barium	Blank	<0.50	mg/kg dry wt				
	Cadmium	Blank	<0.25	mg/kg dry wt				
	Chromium	Blank	<0.50	mg/kg dry wt				
	Lead	Blank	<0.75	mg/kg dry wt				
	Selenium	Blank	<5.00	mg/kg dry wt				



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates Method Blanks

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9/6/2007

Lims Bat #: LIMT-09240

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NOTES:

QC Batch No. :

GCMS/VOL-17593

Sample ID

LFBLANK-67782

Analysis

1,2,3-Trichlorobenzene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : Sample ID :

GCMS/VOL-17593 LFBLANK-67782

Analysis

2-Butanone (MEK)

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. : Sample ID :

GCMS/VOL-17593 LFBLANK-67782

Analysis

Carbon Tetrachloride

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. :

GCMS/SEMI-9819

Sample ID Analysis LFBLANK-67893 2,4-Dinitrophenol

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No.:

GCMS/SEMI-9819

Sample ID

LFBLANK-67893

Analysis

3-Nitroaniline

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No.:

:

:

GCMS/SEMI-9819

Sample ID

LFBLANK-67893

Analysis

4-Nitrophenol

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No.:

GCMS/SEMI-9819

Sample ID

LFBLANK-67893

Analysis

Indeno(1,2,3-cd)pyrene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

QC Batch No. :

GCMS/SEMI-9819

Sample ID

LFBLANK-67893

Analysis

Pentachlorophenol

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

9/6/2007

Lims Bat #: LIMT-09240

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OUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

LIMITS

Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken though all the steps of the analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added MS Amt Measured Matrix Spike % Rec. Amount of analyte spiked into a sample Amount of analyte found including amount that was spiked

% Recovery of spiked amount in sample.

Duplicate Value Duplicate RPD The result from the Duplicate analysis of the sample.

The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Sur. Recovery (PID) Surrogate Recovery on the Electrolytic Conductivity Detector. Surrogate Recovery on the Photoionization Detector.

Standard Measured Standard Amt Added Standard % Recovery

Amount measured for a laboratory control sample Known value for a laboratory control sample

% recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt
Lab Fort Blk. Found
Lab Fort Blk % Rec
Dup Lab Fort Bl Amt
Dup Lab Fort Bl Fnd
Dup Lab Fort Bl % Rec
Lab Fort Blank Range

Laboratory Fortified Blank Amount Added Laboratory Fortified Blank Amount Found Laboratory Fortified Blank % Recovered

Duplicate Laboratory Fortified Blank Amount Added Duplicate Laboratory Fortified Blank Amount Found Duplicate Laboratory Fortified Blank % Recovery

Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.

Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt MSD Amount Added MSD Amt Measured MSD % Recovery MSD Range Sample Value for Duplicate used with Matrix Spike Duplicate Matrix Spike Duplicate Amount Added (Spiked)

Matrix Spike Duplicate Amount Measured

Duplicate Recoveries

Matrix Spike Duplicate % Recovery Absolute difference between Matrix Spike and Matrix Spike

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<u> </u>				Other**	Ι'		rements or DL's	s:			S = s	oil/soli	d_		s = 8	Sulfurio	c Acid			
Received t	py: (signature)	Date/Time:		Date needed**							SL =	sludge	9				n bisul	fate		
		1	*Require la	b approval.	1						0 = 0	ther			lo = 0	Other A	114			



www.contestlabs.com

39 Spruce Street East Longmeadow; MA Phone: 1-413-525-2332 Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: Truc blue		944
RECEIVED BY: CEC	DATE: 8/31/07	
1. Was chain of custody relinquished and signed?	VES NO	
2. Does Chain agree with samples?	YES NO	
If not, explain:		
3. All Samples in good condition?	NES NO	
If not. explain:		
4. Were samples received in compliance with A Mbit Temperature 0-6 degrees C?	YES NO Degrees:	
5. Are there any dissolved samples for the lab to filter	? YES NO	
Who was notified?	Date: Time:	_
6. Are there any on hold samples? YES	STORED WHERE:]
7. Are there any short holding time samples and who w	vas notified?Date:Tin	ne
8. Location where samples are stored: Waltin		
CONTAINERS SENT IN TO CON-TEST # of container	CONTAINERS SENT TO CON-TEST	# of containers
1 liter amber	Air Cassettes	ć
500 ml amber	8 oz clear jar	3
250 ml amber (8oz. Amber)	4 oz clear jar	
1 liter plastic	2 oz clear jar	
500 ml plastic	Plastic bag	*
250 ml plastic	Encore	
	Brass Sleeves	
40 ml vial—which kind—list below 2 Colisure bottle	Tubes	
Dissolved oxygen bottle	Summa cans	
Flashpoint bottle	Other	東
Laboratory comments:		11
Datoratory comments.		
# of HCL Vial # of Methanol vials # of	f Sodium Bisulfate vials	
	d Date when frozen	
,	ES NO If no, please explain above	

ARCADIS

Attachment 6

Letter from City of Beacon



CITY OF BEACON New York

WASTE WATER TREATMENT PLANT

845-831-7130

November 1, 2007

Mr. Jeff James
True Blue Environmental Services
5 Northfield Road
Wallingford, Connecticut 06492

Dear Mr. James:

I am in receipt of the laboratory analysis performed on the discharge from the former MGP site located on West Main Street in Beacon. All results are satisfactory. This will close out the discharge permit issued for this job. If any additional remediation is required at this site, which would result in the need to discharge any treated ground water into the City of Beacon sewer system, a new permit would need to be issued. Please forward a check, payable to the City of Beacon, in the amount of \$21,060.00 to cover the cost of discharging 351,000 gallons of treated water to our sewer system. (351,000 gallons x \$0.06/gallon = \$21,060.00).

If you have any questions please feel free to contact me at (845) 831-7130. Thank you.

Respectfully.

William Patrick O'Keeffe

Chief Operator

City of Beacon W.W.T.F.

WOK:eg

ARCADIS

Attachment 7

TWTS Effluent Sample Analytical Data



REPORT DATE 8/22/2007

TRUE BLUE **5 NORTHFIELD ROAD** WALLINGFORD, CT 06492 ATTN: JAY WAHLBERG

CONTRACT NUMBER:

PURCHASE ORDER NUMBER: 71314

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #:

LIMT-08819

JOB NUMBER: 71314

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 WEST MAIN STREET, BEACON, NY.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
SYSTEM	07B31208		SYSTEM DISCHARGE	602/8020 water
SYSTEM	07B31208	GRND WATER	SYSTEM DISCHARGE	bod
SYSTEM	07B31208	GRND WATER	SYSTEM DISCHARGE	metals plating
SYSTEM	07B31208	GRND WATER	SYSTEM DISCHARGE	ph
SYSTEM	07B31208	GRND WATER	SYSTEM DISCHARGE	tss

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

AIHA 100033

MASSACHUSETTS MA0100

CONNECTICUT PH-0567

NEW YORK ELAP/NELAP 10899

AIHA ELLAP (LEAD) 100033

NEW HAMPSHIRE NELAP 2516

VERMONT DOH (LEAD) No. LL015036

RHODE ISLAND (LIC. No. 112)

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

id Slesnski 08

Sondra L. Slesinski

Quality Assurance Officer

NEW JERSEY NELAP NJ MA007 (AIR)

Edward Denson **Technical Director**



JAY WAHLBERG

TRUE BLUE

8/22/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Page 1 of 6

Project Location: 1 WEST MAIN STREET, BEACON, NY.

Date Received:

LIMS-BAT #: LIMT-08819

8/15/2007

07B31208

Field Sample #: SYSTEM

Sampled: 8/14/2007

SYSTEM DISCHARGE

Job Number: 71314

Sample Matrix:

Sample ID:

GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Lo	Limit Hi	P/ F
Benzene	ug/l	ND	08/18/07	EH	1.0			
Chlorobenzene	ug/l	ND	08/18/07	EH	1.0			
1,2-Dichlorobenzene	ug/l	ND	08/18/07	EH	1.0			
1,3-Dichlorobenzene	ug/l	ND	08/18/07	EH	1.0			
1,4-Dichlorobenzene	ug/l	ND	08/18/07	EH	1.0			
Ethyl Benzene	ug/l	ND	08/18/07	EH	1.0			
MTBE	ug/l	ND	08/18/07	EH	1.0			
Toluene	ug/l	ND	08/18/07	EH	1.0			
m/p-Xylene	ug/l	ND	08/18/07	EH	1.0			
o-Xylene	ug/l	ND	08/18/07	EH	1.0			

Analytical Method:

602/8020

SAMPLES ARE CONCENTRATED BY PURGE AND TRAP FOLLOWED BY GAS CHROMATOGRAPHIC ANALYSIS WITH PHOTOIONIZATION DETECTION (PID).

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JAY WAHLBERG

TRUE BLUE

8/22/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Page 2 of 6

Purchase Order No.: 71314

Project Location: 1 WEST MAIN STREET, BEACON, NY.

LIMS-BAT #: LIMT-08819

Date Received:

8/15/2007

Job Number: 71314

Sample ID:

Field Sample #: SYSTEM

Sampled: 8/14/2007

*07B31208

SYSTEM DISCHARGE

ND

Sample Matrix:

GRND WATER

Units

Results

Date Analyzed

08/16/07

RL Analyst

30.0

DPA

SPEC Limit

Hi

Lo

P/F

BOD mg/l

SM 5210B

Analytical Method:

DISSOLVED OXYGEN CONSUMPTION IS MEASURED AFTER 5 DAYS OF INCUBATION AT

20 DEGREES C. BY THE OXYGEN PROBE METHOD

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

* = See end of report for comments and notes applying to this sample



JAY WAHLBERG

TRUE BLUE

8/22/2007

71314

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Page 3 of 6

Project Location: 1 WEST MAIN STREET, BEACON, NY.

LIMS-BAT #: LIMT-08819

Date Received:

Sample ID:

8/15/2007

Job Number:

Field Sample #: SYSTEM

07B31**20**8

Sampled: 8/14/2007

Sample Matrix:

GRND WATER

SYSTEM DISCHARGE

	Units	Results	Date Analyst Analyzed		RL	SPEC	P/F	
						Lo	Hi	
Cadmium	mg/l	0.0005	08/17/07	KSH	0.0005			· · · · · · · · · · · · · · · · · · ·
Chromium	mg/l	ND	08/17/07	KSH	0.004			
Copper	mg/l	0.0094	08/17/07	KSH	0.0005			
Lead	mg/l	0.0060	08/17/07	KSH	0.0025			
Nickel	mg/l	ND	08/17/07	KSH	0.003			
Silver	mg/l	ND	0 8/17/07	KSH	0.005			
Zinc	mg/l	0.279	08/17/07	KSH	0.005			

Analytical Method:

EPA 200.7/SW846 6010

SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JAY WAHLBERG

TRUE BLUE

8/22/2007

5 NORTHFIELD ROAD

Page 4 of 6

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Project Location: 1 WEST MAIN STREET, BEACON, NY.

LIMS-BAT #: LIMT-08819

Date Received:

8/15/2007

Job Number: 71314

Field Sample #: SYSTEM Sample ID:

*07B31208

Sampled: 8/14/2007

SYSTEM DISCHARGE

Sample Matrix:

GRND WATER

Units

Results

Date Analyzed Analyst

SPEC Limit

P/F

08/15/07

RL

pН

units

7.35

VAK

L٥ Hi

Analytical Method:

EPA 150.1/SM 4500-H-B

ELECTRODE DETERMINATION

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.



JAY WAHLBERG

TRUE BLUE

8/22/2007

5 NORTHFIELD ROAD

WALLINGFORD, CT 06492

Purchase Order No.: 71314

Page 5 of 6

Project Location: 1 WEST MAIN STREET, BEACON, NY.

LIMS-BAT #: LIMT-08819

Date Received:

8/15/2007

Job Number:

Field Sample #: SYSTEM

71314

Sample ID:

07B31208

Sampled: 8/14/2007

SYSTEM DISCHARGE

Sample Matrix:

GRND WATER

Results

Analyst

RL

SPEC Limit

P/F

Total suspended solids

Units mg/l

50.0

08/20/07 LL

Date

Analyzed

5.0

Lo Hi

Analytical Method:

SM 2540 D

GRAVIMETRIC DETERMINATION OF TOTAL SOLIDS RETAINED ON A GLASS FIBER FILTER AFTER DRYING AT 103-105 C.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

NM = Not Measured

^{* =} See end of report for comments and notes applying to this sample



JAY WAHLBERG

TRUE BLUE

8/22/2007

5 NORTHFIELD ROAD

Page 6 of 6

WALLINGFORD, CT 06492

Purchase Order No.: 71314

LIMS-BAT #: LIMT-08819

Project Location: 1 WEST MAIN STREET, BEACON, NY. Date Received: 8/15/2007

Job Number: 71314

The following notes were attached to the reported analysis :

Sample ID:

07B31208

Analysis:

BOD

ANALYZED AT 6:00 PM

Sample ID:

07B31208

Analysis:

PAST HOLD PER EPA CWA 21.6 DEGREES CELSIUS ANALYZED AT 6:30 PM

** END OF REPORT **

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/22/2007	Lims Bat #: LIMT-08819	Page 1 of 6				
QC Batch Num	ber: BOD-2339						
Sample Id	Analysis	QC Analysis	Values	Units	Limits		
LFBLANK-6729	94						
	BOD	Lab Fort Blank Amt.	200.0	mg/l	130-232		
		Lab Fort Blk. Found	172.5	mg/l			
		Lab Fort Blk. % Rec.	86.2	%			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/22/2007 l	ims Bat #: LIMT-08819	Page 2 of 6				
QC Batch Number:	GC/PID-8227						
Sample Id	Analysis	QC Analysis	Values	Units	Limits		
07B31208							
	1-Chloro-3-Fluorobenzene (PID)	Sur. Recovery (PID)	101.3	%	83.21-111.56		
BLANK-105944							
	Benzene	Blank	<1.0	ug/l			
	1,4-Dichlorobenzene	Blank	<1.0	ug/l			
	Ethyl Benzene	Blank	<1.0	ug/l			
	Naphthalene	Blank		ug/l			
	Toluene	Blank	<1.0	ug/l			
	o-Xylene	Blank	<1.0	ug/l			
	m/p-Xylene	Blank	<1.0	ug/l			
	1,2-Dichlorobenzene	Blank	<1.0	ug/l			
	1,3-Dichlorobenzene	Blank	<1.0	ug/l			
	MTBE	Blank	<1.0	ug/l			
	Chlorobenzene	Blank	<1.0	ug/l			
LFBLANK-67267							
	Benzene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	22.2	ug/l			
		Lab Fort Blk. % Rec.	111.0	%	70-130		
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	22.2	ug/l			
		Lab Fort Blk. % Rec.	111.0	%			
	Ethyl Benzene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	22.4	ug/l			
		Lab Fort Blk. % Rec.	112.0	%	70-130		
	Toluene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	22.2	ug/l			
		Lab Fort Blk. % Rec.	111.0	%	70-130		
	o-Xylene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	19.7	ug/l			
		Lab Fort Blk. % Rec.	98.5	%	70-130		
	m/p-Xylene	Lab Fort Blank Amt.	40.0	ug/l			
		Lab Fort Blk. Found	44.8	ug/l			
		Lab Fort Blk. % Rec.	112.0	%	70-130		
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/i			
		Lab Fort Blk. Found	22.3	ug/l			
		Lab Fort Blk. % Rec.	111.5	%			
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	21.4	ug/l			
		Lab Fort Blk. % Rec.	107.0	%			
	MTBE	Lab Fort Blank Amt.	20.0	ug/l			
		Lab Fort Blk. Found	18.1	ug/l			
		Lab Fort Blk. % Rec.	90.5	%	70-130		
	Chlorobenzene	Lab Fort Blank Amt.	20.0	ug/i			
		Lab Fort Blk. Found	22.1	ug/l			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

QC Batch Number:

8/22/2007 GC/PID-8227 Lims Bat #: LIMT-08819

Page 3 of 6

Sample Id

Analysis

QC Analysis

Values

Units

Limits

LFBLANK-67267

Chlorobenzene

Lab Fort Blk. % Rec.

110.5

%



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/22/2007	Lims Bat # : LIMT-08819	Page 4 of 6					
QC Batch Number	er: ICP-17276							
Sample Id	Analysis	QC Analysis	Values	Units	Limits			
BLANK-105807								
	Silver	Blank	<0.005	mg/l				
	Aluminum	Blank	<0.03	mg/l				
	Cadmium	Blank	<0.0005	mg/l				
	Chromium	Blank	< 0.004	mg/l				
	Copper	Blank	< 0.0005	mg/l				
	Iron	Blank	0.02	mg/l				
	Nickel	Blank	< 0.003	mg/l				
	Lead	Blank	< 0.0025	mg/l				
	Zinc	Blank	<0.005	mg/l				
_FBLANK-67119)							
	Silver	Lab Fort Blank Amt.	2.000	mg/l				
		Lab Fort Blk. Found	1.991	mg/l				
		Lab Fort Blk. % Rec.	99.585	%				
	Aluminum	Lab Fort Blank Amt.	2.00	mg/l				
		Lab Fort Blk. Found	2.09	mg/l				
		Lab Fort Blk. % Rec.	104.77	%	85-115			
	Cadmium	Lab Fort Blank Amt.	2.0000	mg/l				
		Lab Fort Blk. Found	2.0446	mg/l				
		Lab Fort Blk. % Rec.	102.2300	%	85-115			
	Chromium	Lab Fort Blank Amt.	2.000	mg/l				
		Lab Fort Blk. Found	2.064	mg/l				
		Lab Fort Blk. % Rec.	103.215	%	85-115			
	Copper	Lab Fort Blank Amt.	2.0000	mg/l				
		Lab Fort Blk. Found	2.0699	mg/l				
		Lab Fort Blk. % Rec.	103.4950	%	85-115			
	Iron	Lab Fort Blank Amt.	2.00	mg/l				
		Lab Fort Blk. Found	2.02	mg/l				
		Lab Fort Blk. % Rec.	101.27	%	85-115			
	Nickel	Lab Fort Blank Amt.	2.000	mg/l				
		Lab Fort Blk. Found	2.083	mg/l				
		Lab Fort Blk. % Rec.	104.160	%	85-115			
	Lead	Lab Fort Blank Amt.	2.0000	mg/l				
		Lab Fort Blk. Found	2.0458	mg/l				
		Lab Fort Blk. % Rec.	102.2900	%	85-115			
	Zinc	Lab Fort Blank Amt.	2.000	mg/l				
		Lab Fort Blk. Found	2.026	mg/l				
		Lab Fort Blk. % Rec.	101.320	%	85-115			



39 Spruce Street $^\circ$ East Longmeadow, MA $\,$ 01028 $^\circ$ FAX 413/525-6405 $^\circ$ TEL. 413/525-2332 $\,$

QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

Standard Reference Materials and Duplicates

Report Date:	8/22/2007	Lims Bat #: LIMT-08819	Page 5 of 6				
QC Batch Number	er: SOLIDS-6126	·					
Sample Id	Analysis	QC Analysis	Values	Units	Limits		
LFBLANK-67233	}				·		
	Total suspended solids	Lab Fort Blank Amt.	200.0	mg/l			
		Lab Fort Blk. Found	185.0	mg/l			
		Lah Fort Blk % Rec	92.5	0/2			



QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates

Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates

Standard Reference Materials and Duplicates

Method Blanks

Report Date:

8/22/2007

Lims Bat #: LIMT-08819

Page 6 of 6

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

OC BATCH NUMBER

This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.

LIMITS

Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.

Sample Amount

Amount of analyte found in a sample.

Blank

Method Blank that has been taken though all the steps of the

analysis.

LFBLANK

Laboratory Fortified Blank (a control sample)

STDADD

Standard Added (a laboratory control sample)

Matrix Spk Amt Added MS Amt Measured Matrix Spike % Rec. Amount of analyte spiked into a sample Amount of analyte found including amount that was spiked % Recovery of spiked amount in sample.

Duplicate Value Duplicate RPD

The result from the Duplicate analysis of the sample. The Relative Percent Difference between two Duplicate Analyses.

Surrogate Recovery

The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.

Sur. Recovery (ELCD) Sur. Recovery (PID) Surrogate Recovery on the Electrolytic Conductivity Detector. Surrogate Recovery on the Photoionization Detector.

Standard Measured Standard Amt Added Standard % Recovery Amount measured for a laboratory control sample Known value for a laboratory control sample % recovered for a laboratory control sample with a known value.

Lab Fort Blank Amt
Lab Fort Blk. Found
Lab Fort Blk % Rec
Dup Lab Fort Bl Amt
Dup Lab Fort Bl Fnd
Dup Lab Fort Bl % Rec
Lab Fort Blank Range

Laboratory Fortified Blank Amount Added Laboratory Fortified Blank Amount Found Laboratory Fortified Blank % Recovered Duplicate Laboratory Fortified Blank Amount Added Duplicate Laboratory Fortified Blank Amount Found

Duplicate Laboratory Fortified Blank % Recovery Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).

Lab Fort Bl. Av. Rec.

Laboratory Fortified Blank Average Recovery

Duplicate Sample Amt MSD Amount Added MSD Amt Measured MSD % Recovery MSD Range Sample Value for Duplicate used with Matrix Spike Duplicate Matrix Spike Duplicate Amount Added (Spiked)
Matrix Spike Duplicate Amount Measured

Matrix Spike Duplicate % Recovery

Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

Ph
Fa
En vv
14

none: 413-525-2332

x: 413-525-6405

CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR

Page	 of	

EAST LONGMEADOW, MA 01028

\ 	ANALYTICA	L LABORATORY	Email: info@contest	labs.com		السراسا	# 1	088	13							,,				
(111)			www.contestlabs.co				•		•	14				P	18-		$\overline{\ }$			# of containers
Company	Name:	Blue Emira	imental Servi	Telephon	3:003) á	169-	3/30	55_						1	1/1	7	7	ク		**Preservation
Address:	5 north			Project #	7/3	14	AD.			W				9	1	d	Q	Q		~Cont.Code
		ford CI		Client PO	# 7/3	314							ANA	Ç _Î ysı	S	EQU	EST	ED		-Cont. Code:
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			Beacon, MY		DEMAIL 2013 - 2						, ,		17	子が	- 5	1				P∈plastic ST≕sterile
Sampled	By: Jay W	ahlbere			Wahlber (EXCEL			ا <u>ت کا</u> ا GIS ا		nen	ta./	(0)	M	5,1 mg.	- 37 - 27	,				V= via S=summa can
Proposal	Provided? (For B	lilling purposes)	State Form Required	!?	OTHER	· · · · · · · · · · · · · · · · · · ·				1	j			. ~*	\vec{arphi}			1		T=tedlar.bag
yes		proposal date	🛛 yes 🛘 no	Date S	ampled]				98		0	3	-		O=Other
Field ID	Sample Descri	ption	Lab # 07B	Start Date/Time	Stop Date/Time	Comp- osite	Grab	*Matrix Code	Code					Otekle, Chom	To	8	75	2		
System	System [lighame	31206 3120	8 8/14/016	4pm		X	GW	PV	Ac	<u> </u>				X	X	义	X		Client Comments:
•	<i>(</i>	٠٠			'															
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Laboratoni	Comments:	<u> </u>	11.000 00 100	(200 4	1 11/4	1 1		Please		5 (21)			- lat 6							
Laboratory		Ja 30.00	here as 602,	8020- 1	per J	ay wah	L Iberg.	be high									speci	nc sar	npie ma	У
	/ O OKY	10 harona	(5Jacs +	2701		116/0		H - Hig	h; M - I	Mediur	η/[(Low;	c - Cl	ean; l	J - Un	knowi	 -			
Relinquish	ed by: (signature))	Date/Time: 8/15/07@ 11/3	Turna	round **			Limit			ents			rix Co			1		tion Co	
Book of	by (signature)				7-Day	Hegula	itions?	· 			, ,			groun] = c			= Na hydroxide
neceived	y. (signature)	•	Date/Time: 8-75 7 73		10-Day Other 5day	Data F	nhance	ment Pr	niect/P	CP2			Į.	waste drinki			H = F	ICL Methai		= Na thiosulfate
Relinguish	ed by: (signature)) 	Date/Time:		ISH •	Dula L	mano	angill E1	Olecou	Ji : 1	- I	۱۷ س	A = a		iiy wa		1	vietnai Jitric A		
	- Card		8-150 100	○ □ *24-Hr		Specia	l Requi	rements	or DL's	s:			1	 oil/soli	id		1	Sulfurio	/	KSR,
	oy: (signature)	To a dic	Date/Time: 8/15/07 17:05	72-Hr	=		·						1	sludge					bisulfa	te \
	-8	Temp 4.c	0112101 1110	* Require	lab approva	<u> </u>							0 = 0	ther_			0 = 0	Other_		

"TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN, IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.



www.contestlabs.com

39 Spruce Street

East Longmeadow, MA Phone: 1-413-525-2332 Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: True Klue
CLIENT NAME: True Blue RECEIVED BY: KA DATE: 8/15/07
1. Was chain of custody relinquished and signed? NO VES NO
2. Does Chain agree with samples? VES NO
If not, explain:
3. All Samples in good condition? (YES) NO
If not, explain:
4. Were samples received in compliance with Temperature 0-6 degrees C? Degrees: 4 C
5. Are there any dissolved samples for the lab to filter? YES (NO)
Who was notified? Date: Time:
6. Are there any on hold samples? YES (NO) STORED WHERE:
7. Are there any short holding time samples and who was notified?Date:Time
8. Location where samples are stored:
CONTAINERS SENT IN TO CON-TEST # of container CONTAINERS SENT TO CON-TEST # of container
Air Cassettes
1 liter amber 8 oz clear jar
500 ml amber 4 oz clear jar
250 ml amber (8oz. Amber) 2 oz clear jar
1 liter plastic Plastic bag
500 ml plastic Encore
250 ml plastic Brass Sleeves
40 ml vial—which kind—list below 2 Tubes
Colisure bottle Summa cans
Dissolved oxygen bottle Other
Flashpoint bottle
Laboratory comments:
Laboratory comments: Delay Comments: They want it Runby Bto of 82600R 602. # of HCL Vial 2 # of Methanol vials # of Sodium Bisulfate vials Client En
of HCL Vial 2 # of Methanol vials # of Sodium Bisulfate vials Client Cm
of DI water(to be frozen) vials Time and Date when frozen

ARCADIS

Attachment 8

Air Monitoring Data

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000000 Site ID: 00000302
Data Points: 191 Gas Name: Isobutylene

Last Calibration Time: 08/08/2007 10:44

Serial Number: 005550

Sample Period: 60 sec

Measurement Type:Min(ppm)Avg(ppm)Max(ppm)High Alarm Levels:100.0100.0100.0Low Alarm Levels:50.050.050.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/09/2007 09:44	0.0	0.0	0.0	
2	08/09/2007 09:45	0.0	0.0	0.0	
3	08/09/2007 09:46	0.0	0.0	0.0	
4	08/09/2007 09:47	0.0	0.0	0.0	
5	08/09/2007 09:48	0.0	0.0	0.0	
6	08/09/2007 09:49	0.0	0.0	0.0	
7	08/09/2007 09:50	0.0	0.0	0.0	
8	08/09/2007 09:51	0.0	0.0	0.0	
9	08/09/2007 09:52	0.0	0.0	0.0	
10	08/09/2007 09:53	0.0	0.0	0.0	
11	08/09/2007 09:54	0.0	0.0	0.0	
12	08/09/2007 09:55	0.0	0.0	0.0	
13	08/09/2007 09:56	0.0	0.0	0.0	
14	08/09/2007 09:57	0.0	0.0	0.0	
15	08/09/2007 09:58	0.0	0.0	0.0	
16	08/09/2007 09:59	0.0	0.0	0.0	
17	08/09/2007 10:00	0.0	0.0	0.0	
18	08/09/2007 10:01	0.0	0.0	0.0	
19	08/09/2007 10:02	0.0	0.0	0.0	
20	08/09/2007 10:03	0.0	0.0	0.0	
21	08/09/2007 10:04	0.0	0.0	0.0	
22	08/09/2007 10:05	0.0	0.0	0.0	
23	08/09/2007 10:06	0.0	0.0	0.0	
24	08/09/2007 10:07	0.0	0.0	0.0	
25	08/09/2007 10:08	0.0	0.0	0.0	
26	08/09/2007 10:09	0.0	0.0	0.0	
27	08/09/2007 10:10	0.0	0.0	0.0	
28	08/09/2007 10:11	0.0	0.0	0.0	
29	08/09/2007 10:12	0.0	0.0	0.0	
30	08/09/2007 10:13	0.0	0.0	0.0	
31	08/09/2007 10:14	0.0	0.0	0.0	
32	08/09/2007 10:15	0.0	0.0	0.0	
33	08/09/2007 10:16	0.0	0.0	0.0	
34	08/09/2007 10:17	0.0	0.0	0.0	
35	08/09/2007 10:18	0.0	0.0	0.0	

	36	08/09/2007 10:19	0.0	0.0	0.0		
	37	08/09/2007 10:20	0.0	0.0	0.0		
	38	08/09/2007 10:21	0.0	0.0	0.0		
	39	08/09/2007 10:22	0.0	0.0	0.0		
	40	08/09/2007 10:23	0.0	0.0	0.0		
	41	08/09/2007 10:24	0.0	0.0	0.0		
	42	08/09/2007 10:25	0.0	0.0	0.0	•	
	43	08/09/2007 10:26	0.0	0.0	0.0		
	44	08/09/2007 10:27	0.0	0.0	0.0		
	45	08/09/2007 10:28	0.0	0.0	0.0		
	46	08/09/2007 10:29	0.0	0.0	0.0		
	47	08/09/2007 10:30	0.0	0.0	0.0		
	48	08/09/2007 10:31	0.0	0.0	0.0		
	49	08/09/2007 10:32	0.0	0.0	0.0		
	50	08/09/2007 10:33	0.0	0.0	0.0		
	51	08/09/2007 10:34	0.0	0.0	0.0		
	52	08/09/2007 10:35	0.0	0.0	0.0		
	53	08/09/2007 10:36	0.0	0.0	0.0		
	54	08/09/2007 10:37	0.0	0.0	0.0		
	55	08/09/2007 10:38	0.0	0.0	0.0		
	56	08/09/2007 10:39	0.0	0.0	0.0		
	57	08/09/2007 10:40	0.0	0.0	0.0		
	.58	08/09/2007 10:41	0.0	0.0	0.0		
	59	08/09/2007 10:42	0.0	0.0	0.0		
	60	08/09/2007 10:43	0.0	0.0	0.0		
	61	08/09/2007 10:44	0.0	0.0	0.0		
	62	08/09/2007 10:45	0.0	0.0	0.0		
	63	08/09/2007 10:46	0.0	0.0	0.0		
	64 65	08/09/2007 10:47 08/09/2007 10:48	0.0 0.0	0.0	0.0 0.0		
	66	08/09/2007 10:48	0.0	0.0	0.0		
	67	08/09/2007 10:50	0.0	0.0	0.0		
•	68	08/09/2007 10:51	0.0	0.0	0.0		
	69	08/09/2007 10:51	0.0	0.0	0.0		
	70	08/09/2007 10:53	0.0	0.0	0.0		
	71	08/09/2007 10:54	0.0	0.0	0.0		
	72	08/09/2007 10:55	0.0	0.0	0.0		
	73	08/09/2007 10:56	0.0	0.0	0.0		
	73 74	08/09/2007 10:57	0.0	0.0	0.0		
	7 5	08/09/2007 10:58	0.0	0.0	0.0		
	76	08/09/2007 10:59	0.0	0.0	0.0		
	70 77	08/09/2007 11:00	0.0	0.0	0.0		
	78	08/09/2007 11:00	0.0	0.0	0.0		
	78 79	08/09/2007 11:01	0.0	0.0	0.0		
	80	08/09/2007 11:02	0.0	0.0	0.0		
	81	08/09/2007 11:03	0.0	0.0	0.0		
		00,00,2007 11.04	0.0	0.0	0.0		
i							

82	08/09/2007 11:05	0.0	0.0	0.0	
83	08/09/2007 11:06	0.0	0.0	0.0	
84	08/09/2007 11:07	0.0	0.0	0.0	
85	08/09/2007 11:08	0.0	0.0	0.0	
86	08/09/2007 11:09	0.0	0.0	0.0	
87	08/09/2007 11:10	0.0	0.0	0.0	
88	08/09/2007 11:11	0.0	0.0	0.0	
89	08/09/2007 11:12	0.0	0.0	0.0	
90	08/09/2007 11:13	0.0	0.0	0.0	
91	08/09/2007 11:14	0.0	0.0	0.0	
92	08/09/2007 11:15	0.0	0.0	0.0	
93	08/09/2007 11:16	0.0	0.0	0.0	
94	08/09/2007 11:17	0.0	0.0	0.0	
95	08/09/2007 11:18	0.0	0.0	0.0	
96	08/09/2007 11:19	0.0	0.0	0.0	
97	08/09/2007 11:20	0.0	0.0	0.0	
98	08/09/2007 11:21	0.0	0.0	0.0	
99	08/09/2007 11:22	0.0	0.0	0.0	
100	08/09/2007 11:23	0.0	0.0	0.0	
101	08/09/2007 11:24	0.0	0.0	0.0	
102	08/09/2007 11:25	0.0	0.0	0.0	
103	08/09/2007 11:26	0.0	0.0	0.0	
104	08/09/2007 11:27	0.0	0.0	0.0	•
105	08/09/2007 11:28	0.0	0.0	0.0	
106	08/09/2007 11:29	0.0	0.0	0.0	
107	08/09/2007 11:30	0.0	0.0	0.0	
108	08/09/2007 11:31	0.0	0.0	0.0	
109	08/09/2007 11:32	0.0	0.0	0.0	
110	08/09/2007 11:33	0.0	0.0	0.0	
111	08/09/2007 11:34	0.0	0.0	0.0	
112	08/09/2007 11:35	0.0	0.0	0.0	
113	08/09/2007 11:36	0.0	0.0	0.0	
114	08/09/2007 11:37	0.0	0.0	0.0	
115	08/09/2007 11:38	0.0	0.0	0.0	
116	08/09/2007 11:39	0.0	0.0	0.0	
117	08/09/2007 11:40	0.0	0.0	0.0	
118	08/09/2007 11:41	0.0	0.0	0.0	
119	08/09/2007 11:42	0.0	0.0	0.0	
120	08/09/2007 11:43	0.0	0.0	0.0	
121	08/09/2007 11:44	0.0	0.0	0.0	
122	08/09/2007 11:45	0.0	0.0	0.0	
123	08/09/2007 11:46	0.0	0.0	0.0	
124	08/09/2007 11:47	0.0	0.0	0.0	
125	08/09/2007 11:48	0.0	0.0	0.0	
126	08/09/2007 11:49	0.0	0.0	0.0	
127	08/09/2007 11:50	0.0	0.0	0.0	

	128	08/09/2007 11:51	0.0	0.0	0.0
	129	08/09/2007 11:52	0.0	0.0	0.0
	130	08/09/2007 11:53	0.0	0.0	0.0
	131	08/09/2007 11:54	0.0	0.0	0.0
	132	08/09/2007 11:55	0.0	0.0	0.0
	133	08/09/2007 11:56	0.0	0.0	0.0
	134	08/09/2007 11:57	0.0	0.0	0.0
	135	08/09/2007 11:58	0.0	0.0	0.0
	136	08/09/2007 11:59	0.0	0.0	0.0
	137	08/09/2007 12:00	0.0	0.0	0.0
	138	08/09/2007 12:01	0.0	0.0	0.0
	139	08/09/2007 12:02	0.0	0.0	0.0
	140	08/09/2007 12:03	0.0	0.0	0.0
	141	08/09/2007 12:04	0.0	0.0	0.0
	142	08/09/2007 12:05	0.0	0.0	0.0
	143	08/09/2007 12:06	0.0	0.0	0.0
	144	08/09/2007 12:07	0.0	0.0	0.0
	145	08/09/2007 12:08	0.0	0.0	0.0
	146	08/09/2007 12:09	0.0	0.0	0.0
	147	08/09/2007 12:10	0.0	0.0	0.0
•	148	08/09/2007 12:11	0.0	0.0	0.0
	149	08/09/2007 12:12	0.0	0.0	0.0
	150	08/09/2007 12:13	0.0	0.0	0.0
	151	08/09/2007 12:14	0.0	0.0	0.0
	152	08/09/2007 12:15	0.0	0.0	0.0
	153	08/09/2007 12:16	0.0	0.0	0.0
	154	08/09/2007 12:17	0.0	0.0	0.0
	155	08/09/2007 12:18	0.0	0.0	0.0
	156	08/09/2007 12:19	0.0	0.0	0.0
	157	08/09/2007 12:20	0.0	0.0	0.0
	158	08/09/2007 12:21	0.0	0.0	0.0
	159	08/09/2007 12:22	0.0	0.0	0.0
	160	08/09/2007 12:23	0.0	0.0	0.0
	161	08/09/2007 12:24	0.0	0.0	0.0
	162	08/09/2007 12:25	0.0	0.0	0.0
	163	08/09/2007 12:26	0.0	0.0	0.0
	164	08/09/2007 12:27	0.0	0.0	0.0
	165	08/09/2007 12:28	0.0	0.0	0.0
	166	08/09/2007 12:29	0.0	0.0	0.0
	167	08/09/2007 12:30	0.0	0.0	0.0
	168	08/09/2007 12:31	0.0	0.0	0.0
	169	08/09/2007 12:32	0.0	0.0	0.0
	170	08/09/2007 12:33	0.0	0.0	0.0
	171	08/09/2007 12:34	0.0	0.0	0.0
	172	08/09/2007 12:35	0.0	0.0	0.0
	173	08/09/2007 12:36	0.0	0.0	0.0

174	08/09/2007 12:37	0.0	0.0	0.0
175	08/09/2007 12:38	0.0	0.0	0.0
176	08/09/2007 12:39	0.0	0.0	0.0
177	08/09/2007 12:40	0.0	0.0	0.0
178	08/09/2007 12:41	0.0	0.0	0.0
179	08/09/2007 12:42	0.0	0.0	0.0
180	08/09/2007 12:43	0.0	0.0	0.0
181	08/09/2007 12:44	0.0	0.0	0.0
182	08/09/2007 12:45	0.0	0.0	0.0
183	08/09/2007 12:46	0.0	0.0	0.0
184	08/09/2007 12:47	0.0	0.0	0.0
185	08/09/2007 12:48	0.0	0.0	0.0
186	08/09/2007 12:49	0.0	0.0	0.0
187	08/09/2007 12:50	0.0	0.0	0.0
188	08/09/2007 12:51	0.0	0.0	0.0
189	08/09/2007 12:52	0.0	0.0	0.0
190	08/09/2007 12:53	0.0	0.0	0.0
191	08/09/2007 12:54	0.0	0.0	0.0

User ID: 00000001

Site ID: 00000004

Data Points: 219 Gas Name: Isobutylene Last Calibration Time: 08/08/2007 11:54

Serial Number: 005453

Sample Period: 60 sec

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	08/09/2007 10:50		0.0	0.0	
2	08/09/2007 10:51		0.0	0.0	
3	08/09/2007 10:52		0.0	0.0	
4	08/09/2007 10:53		0.0	0.0	
5	08/09/2007 10:54		0.0	0.0	
6	08/09/2007 10:55		0.0	0.0	
7	08/09/2007 10:56		0.0	0.0	
8	08/09/2007 10:57		0.0	0.0	
9.	08/09/2007 10:58		0.0	0.0	
10	08/09/2007 10:59		0.0	0.0	
11	08/09/2007 11:00		0.0	0.0	
12	08/09/2007 11:01		0.0	0.0	
13	08/09/2007 11:02		0.0	0.0	
14	08/09/2007 11:03		0.0	0.0	
15	08/09/2007 11:04		0.0	0.0	
16	08/09/2007 11:05		0.0	0.0	
17	08/09/2007 11:06		0.0	0.0	
18	08/09/2007 11:07		0.0	0.0	
19	08/09/2007 11:08		0.0	0.0	
20	08/09/2007 11:09		0.0	0.0	
21	08/09/2007 11:10		0.0	0.0	
22	08/09/2007 11:11		0.0	0.0	
23	08/09/2007 11:12		0.0	0.0	
24	08/09/2007 11:13		0.0	0.0	
25	08/09/2007 11:14		0.0	0.0	
26	08/09/2007 11:15		0.0	0.0	
27	08/09/2007 11:16		0.0	0.0	
28	08/09/2007 11:17		0.0	0.0	
29	08/09/2007 11:18		0.0	0.0	
30	08/09/2007 11:19		0.0	0.0	
31	08/09/2007 11:20		0.0	0.0	
32	08/09/2007 11:21		0.0	0.0	
33	08/09/2007 11:22		0.0	0.0	
34	08/09/2007 11:23		0.0	0.0	
35	08/09/2007 11:24		0.0	0.0	

36	08/09/2007 11:25	0.0	0.0
37	08/09/2007 11:26	0.0	0.0
38	08/09/2007 11:27	0.0	0.0
39	08/09/2007 11:28	0.0	0.0
40	08/09/2007 11:29	0.0	0.0
41	08/09/2007 11:30	0.0	0.0
42	08/09/2007 11:31	0.0	0.0
43	08/09/2007 11:32	0.0	0.0
44	08/09/2007 11:33	0.0	0.0
45	08/09/2007 11:34	0.0	0.0
46	08/09/2007 11:35	0.0	0.0
47	08/09/2007 11:36	0.0	0.0
48	08/09/2007 11:37	0.0	0.0
49	08/09/2007 11:38	0.0	0.0
50	08/09/2007 11:39	0.0	0.0
51	08/09/2007 11:40	0.0	0.0
52	08/09/2007 11:41	0.0	0.0
53	08/09/2007 11:42	0.0	0.0
54	08/09/2007 11:43	0.0	0.0
55	08/09/2007 11:44	0.0	0.0
56	08/09/2007 11:45	0.0	0.0
57	08/09/2007 11:46	0.0	0.0
58	08/09/2007 11:47	0.0	0.0
59	08/09/2007 11:48	0.0	0.0
60	08/09/2007 11:49	0.0	0.0
61	08/09/2007 11:50	0.0	0.0
62	08/09/2007 11:51	0.0	0.0
63	08/09/2007 11:52	0.0	0.0
64	08/09/2007 11:53	0.0	0.0
65	08/09/2007 11:54	0.0	0.0
66	08/09/2007 11:55	0.0	0.0
67	08/09/2007 11:56	0.0	0.0
68	08/09/2007 11:57	0.0	0.0
69	08/09/2007 11:58	0.0	0.0
70	08/09/2007 11:59	0.0	0.0
71	08/09/2007 12:00	0.0	0.0
72	08/09/2007 12:01	0.0	0.0
73	08/09/2007 12:02	0.0	0.0
74	08/09/2007 12:02	0.0	0.0
75	08/09/2007 12:04	0.0	0.0
76	08/09/2007 12:05	0.0	0.0
77	08/09/2007 12:06	0.0	0.0
78	08/09/2007 12:07	0.0	0.0
79	08/09/2007 12:07	0.0	0.0
80	08/09/2007 12:09	0.0	0.0
81	08/09/2007 12:09	0.0	0.0
01	00/03/2007 12:10	0.0	0.0

82	08/09/2007 12:11	0.0	0.0
83	08/09/2007 12:12	0.0	0.0
84	08/09/2007 12:13	0.0	0.0
85	08/09/2007 12:14	0.0	0.0
86	08/09/2007 12:15	0.0	0.0
87	08/09/2007 12:16	0.0	0.0
88	08/09/2007 12:17	0.0	0.0
89	08/09/2007 12:18	0.0	0.0
90	08/09/2007 12:19	0.0	0.0
91	08/09/2007 12:20	0.0	0.0
92	08/09/2007 12:21	0.0	0.0
93	08/09/2007 12:22	0.0	0.0
94	08/09/2007 12:23	0.0	0.0
95	08/09/2007 12:24	0.0	0.0
96	08/09/2007 12:25	0.0	0.0
97	08/09/2007 12:26	0.0	0.0
98	08/09/2007 12:27	0.0	0.0
99	08/09/2007 12:28	0.0	0.0
100	08/09/2007 12:29	0.0	0.0
101	08/09/2007 12:30	0.0	0.0
102	08/09/2007 12:31	0.0	0.0
103	08/09/2007 12:32	0.0	0.0
104	08/09/2007 12:33	0.0	0.0
105	08/09/2007 12:34	0.0	0.0
106	08/09/2007 12:35	0.0	0.0
107	08/09/2007 12:36	0.0	0.0
108	08/09/2007 12:37	0.0	0.0
109	08/09/2007 12:38	0.0	0.0
110	08/09/2007 12:39	0.0	0.0
111	08/09/2007 12:40	0.0	0.0
112	08/09/2007 12:41	0.0	0.0
113	08/09/2007 12:42	0.0	0.0
114	08/09/2007 12:43	0.0	0.0
115	08/09/2007 12:44	0.0	0.0
116	08/09/2007 12:45	0.0	0.0
117	08/09/2007 12:46	0.0	0.0
118	08/09/2007 12:47	0.0	0.0
119	08/09/2007 12:47	0.0	0.0
120	08/09/2007 12:49	0.0	0.0
121	08/09/2007 12:49	0.0	0.0
122	08/09/2007 12:50	0.0	0.0
123	08/09/2007 12:51	0.0	0.0
123	08/09/2007 12:52 08/09/2007 12:53		0.0
124		0.0	
	08/09/2007 12:54	0.0	0.0
126	08/09/2007 12:55	0.0	0.0
127	08/09/2007 12:56	0.0	0.0

128	08/09/2007 12:57	0.0	0.0	
129	08/09/2007 12:58	0.0	0.0	
130	08/09/2007 12:59	0.0	0.0	
131	08/09/2007 13:00	0.0	0.0	
132	08/09/2007 13:01	0.0	0.0	
133	08/09/2007 13:02	0.0	0.0	
134	08/09/2007 13:03	0.0	0.0	
135	08/09/2007 13:04	0.0	0.0	
136	08/09/2007 13:05	0.0	0.0	
137	08/09/2007 13:06	0.0	0.0	·
138	08/09/2007 13:07	0.0	0.0	
139	08/09/2007 13:08	0.0	0.0	
140	08/09/2007 13:09	0.0	0.0	
141	08/09/2007 13:10	0.0	0.0	
142	08/09/2007 13:10	0.0	0.0	
143	08/09/2007 13:11	0.0	0.0	
144	08/09/2007 13:12	0.0	0.0	
145	08/09/2007 13:14	0.0	0.0	
146	08/09/2007 13:15	0.0	0.0	
147	08/09/2007 13:16	0.0	0.0	
148	08/09/2007 13:17	0.0	0.0	
149	08/09/2007 13:17	0.0	0.0	
150	08/09/2007 13:19	0.0	0.0	
150	08/09/2007 13:19	0.0	0.0	
151	08/09/2007 13:21	0.0	0.0	
153	08/09/2007 13:22	0.0	0.0	
154	08/09/2007 13:23	0.0	0.0	
155	08/09/2007 13:24	0.0	0.0	
156	08/09/2007 13:25	0.0	0.0	
157	08/09/2007 13:26	0.0	0.0	
158	08/09/2007 13:27	0.0	0.0	
159	08/09/2007 13:28	0.0	0.0	
160	08/09/2007 13:29	0.0	0.0	
	08/09/2007 13:30			
161 162	08/09/2007 13:31	0.0	$0.0 \\ 0.0$	
163	08/09/2007 13:31	0.0	0.0	
164	08/09/2007 13:33	0.0	0.0	
165	08/09/2007 13:34	0.0	0.0	
166	08/09/2007 13:35	0.0	0.0	
167	08/09/2007 13:36	0.0		
	08/09/2007 13:36	0.0	0.0	
168			0.0	
169	08/09/2007 13:38	0.0	0.0	
170	08/09/2007 13:39	0.0	0.0	
171	08/09/2007 13:40	0.0	0.0	
172	08/09/2007 13:41	0.0	0.0	
173	08/09/2007 13:42	0.0	0.0	

174	08/09/2007 13:43	0.0	0.0
175	08/09/2007 13:44	0.0	0.0
176	08/09/2007 13:45	0.0	0.0
177	08/09/2007 13:46	0.0	0.0
178	08/09/2007 13:47	0.0	0.0
179	08/09/2007 13:48	0.0	0.0
180	08/09/2007 13:49	0.0	0.0
181	08/09/2007 13:50	0.0	0.0
182	08/09/2007 13:51	0.0	0.0
183	08/09/2007 13:52	0.0	0.0
184	08/09/2007 13:53	0.0	0.0
185	08/09/2007 13:54	0.0	0.0
186	08/09/2007 13:55	0.0	0.0
187	08/09/2007 13:56	0.0	0.0
188	08/09/2007 13:57	0.0	0.0
189	08/09/2007 13:58	0.0	0.0
190	08/09/2007 13:59	0.0	0.0
191	08/09/2007 14:00	0.0	0.0
192	08/09/2007 14:01	0.0	0.0
193	08/09/2007 14:02	0.0	0.0
194	08/09/2007 14:03	0.0	0.0
195	08/09/2007 14:04	0.0	0.0
196	08/09/2007 14:05	0.0	0.0
197	08/09/2007 14:06	0.0	0.0
198	08/09/2007 14:07	0.0	0.0
199	08/09/2007 14:08	0.0	0.0
200	08/09/2007 14:09	0.0	0.0
201	08/09/2007 14:10	0.0	0.0
202	08/09/2007 14:11	0.0	0.0
203	08/09/2007 14:12	0.0	0.0
204	08/09/2007 14:13	0.0	0.0
205	08/09/2007 14:14	0.0	0.0
206	08/09/2007 14:15	0.0	0.0
207	08/09/2007 14:16	0.0	0.0
208	08/09/2007 14:17	0.0	0.0
209	08/09/2007 14:18	0.0	0.0
210	08/09/2007 14:19	0.0	0.0
211	08/09/2007 14:20	0.0	0.0
212	08/09/2007 14:21	0.0	0.0
213	08/09/2007 14:22	0.0	0.0
214	08/09/2007 14:23	0.0	0.0
215	08/09/2007 14:24	0.0	0.0
216	08/09/2007 14:25	0.0	0.0
217	08/09/2007 14:26	0.0	0.0
218	08/09/2007 14:27	0.0	0.0
219	08/09/2007 14:28	0.0	0.0

User ID: 00000001

Site ID: 00000484 Gas Name: Isobutylene

Data Points: 24

Last Calibration Time: 08/08/2007 09:55

Serial Number: 010364

Sample Period: 900 sec

Min(ppm)	Avg(ppm)	Max(ppm)
100.0	100.0	100.0
50.0	50.0	50.0
	100.0	100.0 100.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/09/2007 07:24		0.0	0.0	
2	08/09/2007 07:39		0.0	0.0	
3	08/09/2007 07:54		0.0	0.0	
4	08/09/2007 08:09		0.0	0.0	
5	08/09/2007 08:24		0.0	0.0	
6	08/09/2007 08:39		0.0	0.0	
7	08/09/2007 08:54		0.0	0.0	
8	08/09/2007 09:09		0.0	0.0	
9	08/09/2007 09:24		0.0	0.0	
10	08/09/2007 09:39		0.0	0.0	
11	08/09/2007 09:54		0.0	0.0	
12	08/09/2007 10:09		0.0	0.0	
13	08/09/2007 10:24		0.0	0.0	
14	08/09/2007 10:39		0.0	0.0	
15	08/09/2007 10:54		0.0	0.0	
16	08/09/2007 11:09		0.0	0.0	
17	08/09/2007 11:24		0.0	0.0	
18	08/09/2007 11:39		0.0	0.0	
19	08/09/2007 11:54		0.0	0.0	
20	08/09/2007 12:09		0.0	0.0	
21	08/09/2007 12:24		0.0	0.0	
22	08/09/2007 12:39		0.0	0.0	
23	08/09/2007 12:54		0.0	0.0	
· 24	08/09/2007 13:09		0.0	0.0	

Serial Number: 009432

User ID: 00000001

Site ID: 00000285

Data Points: 349

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 08/08/2007 11:45

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

LOW 1	marm Ecvels.				
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/09/2007 08:28	0.0	0.0	0.0	
2	08/09/2007 08:29	0.0	0.0	0.0	
3	08/09/2007 08:30	0.0	0.0	0.0	
4	08/09/2007 08:31	0.0	0.0	0.0	
5	08/09/2007 08:32	0.0	0.0	0.0	
6	08/09/2007 08:33	0.0	0.0	0.0	
7	08/09/2007 08:34	0.0	0.0	0.0	
8	08/09/2007 08:35	0.0	0.0	0.0	
9	08/09/2007 08:36	0.0	0.0	0.0	
10	08/09/2007 08:37	0.0	0.0	0.0	
11	08/09/2007 08:38	0.0	0.0	0.0	
12	08/09/2007 08:39	0.0	0.0	0.0	
13	08/09/2007 08:40	0.0	0.0	0.0	
14	08/09/2007 08:41	0.0	0.0	0.0	
15	08/09/2007 08:42	0.0	0.0	0.0	
16	08/09/2007 08:43	0.0	0.0	0.0	
17	08/09/2007 08:44	0.0	0.0	0.0	
18	08/09/2007 08:45	0.0	0.0	0.0	
19	08/09/2007 08:46	0.0	0.0	0.0	
20	08/09/2007 08:47	0.0	0.0	0.0	
21	08/09/2007 08:48	0.0	0.0	0.0	
22	08/09/2007 08:49	0.0	0.0	0.0	
23	08/09/2007 08:50	0.0	0.0	0.0	
24	08/09/2007 08:51	0.0	0.0	0.0	
25	08/09/2007 08:52	0.0	0.0	0.0	
26	08/09/2007 08:53	0.0	0.0	0.0	
27	08/09/2007 08:54	0.0	0.0	0.0	
28	08/09/2007 08:55	0.0	0.0	0.0	
29	08/09/2007 08:56	0.0	0.0	0.0	
30	08/09/2007 08:57	0.0	0.0	0.0	
31	08/09/2007 08:58	0.0	0.0	0.0	
32	08/09/2007 08:59	0.0	0.0	0.0	
33	08/09/2007 09:00	0.0	0.0	0.0	
34	08/09/2007 09:01	0.0	0.0	0.0	
35	08/09/2007 09:02	0.0	0.0	0.0	

	36	08/09/2007 09:03	0.0	0.0	0.0	
	37	08/09/2007 09:04	0.0	0.0	0.0	
	38	08/09/2007 09:05	0.0	0.0	0.0	
	39	08/09/2007 09:06	0.0	0.0	0.0	
	40	08/09/2007 09:07	0.0	0.0	0.0	
	41	08/09/2007 09:08	0.0	0.0	0.0	
	42	08/09/2007 09:09	0.0	0.0	0.0	
	43	08/09/2007 09:10	0.0	0.0	0.0	
	44	08/09/2007 09:11	0.0	0.0	0.0	
	45	08/09/2007 09:12	0.0	0.0	0.0	
	46	08/09/2007 09:12	0.0	0.0	0.0	
	47	08/09/2007 09:14	0.0	0.0	0.0	
	48	08/09/2007 09:15	0.0	0.0	0.0	
	49	08/09/2007 09:16	0.0	0.0	0.0	
	50	08/09/2007 09:17	0.0	0.0	0.0	
	51	08/09/2007 09:17	0.0	0.0	0.0	
	52	08/09/2007 09:19	0.0	0.0	0.0	
	53	08/09/2007 09:19	0.0	0.0	0.0	
	54	08/09/2007 09:21	0.0	0.0	0.0	
	55	08/09/2007 09:22	0.0	0.0	0.0	
	56	08/09/2007 09:23	0.0	0.0	0.0	
	57	08/09/2007 09:24	0.0	0.0	0.0	
	58	08/09/2007 09:25	0.0	0.0	0.0	
	59	08/09/2007 09:26	0.0	0.0	0.0	
	60	08/09/2007 09:27	0.0	0.0	0.0	
•	61	08/09/2007 09:28	0.0	0.0	0.0	
	62	08/09/2007 09:29	0.0	0.0	0.0	
	63	08/09/2007 09:30	0.0	0.0	0.0	
	64	08/09/2007 09:31	0.0	0.0	0.0	
	65	08/09/2007 09:32	0.0	0.0	0.0	
	66	08/09/2007 09:33	0.0	0.0	0.0	
	67	08/09/2007 09:34	0.0	0.0	0.0	
	68	08/09/2007 09:35	0.0	0.0	0.0	
	69	08/09/2007 09:36	0.0	0.0	0.0	
	70	08/09/2007 09:37	0.0	0.0	0.0	
	70 71	08/09/2007 09:38	0.0	0.0	0.0	
	72	08/09/2007 09:39	0.0	0.0	0.0	
	73	08/09/2007 09:40	0.0	0.0	0.0	
	73 74	08/09/2007 09:40	0.0	0.0	0.0	
	74 75	08/09/2007 09:41	0.0	0.0	0.0	
	75 76	08/09/2007 09:42	0.0			
				0.0	0.0	
	77 79	08/09/2007 09:44	0.0	0.0	0.0	
	78 70	08/09/2007 09:45	0.0	0.0	0.0	
	79	08/09/2007 09:46	0.0	0.0	0.0	
	80	08/09/2007 09:47	0.0	0.0	0.0	
	81	08/09/2007 09:48	0.0	0.0	0.0	

	82	08/09/2007 09:49	0.0	0.0	0.0	
	83	08/09/2007 09:50	0.0	0.0	0.0	
	84	08/09/2007 09:51	0.0	0.0	0.0	
	85	08/09/2007 09:52	0.0	0.0	0.0	
	86	08/09/2007 09:53	0.0	0.0	0.0	
	87	08/09/2007 09:54	0.0	0.0	0.0	
	88	08/09/2007 09:55	0.0	0.0	0.0	
	89	08/09/2007 09:56	0.0	0.0	0.0	
	90	08/09/2007 09:57	0.0	0.0	0.0	
	91	08/09/2007 09:58	0.0	0.0	0.0	
	92	08/09/2007 09:59	0.0	0.0	0.0	
	93	08/09/2007 10:00	0.0	0.0	0.0	
	94	08/09/2007 10:00	0.0	0.0	0.0	
	95	08/09/2007 10:01	0.0	0.0	0.0	
	96	08/09/2007 10:02	0.0	0.0	0.0	
	97	08/09/2007 10:03	0.0	0.0	0.0	
	98	08/09/2007 10:05	0.0	0.0	0.0	
	99	08/09/2007 10:06	0.0	0.0	0.0	
	100	08/09/2007 10:07	0.0	0.0	0.0	
	101	08/09/2007 10:08	0.0	0.0	0.0	
	102	08/09/2007 10:09	0.0	0.0	0.0	
	103	08/09/2007 10:10	0.0	0.0	0.0	
	104	08/09/2007 10:11	0.0	0.0	0.0	
	105	08/09/2007 10:12	0.0	0.0	0.0	
	106	08/09/2007 10:13	0.0	0.0	0.0	
•	107	08/09/2007 10:14	0.0	0.0	0.0	
	108	08/09/2007 10:15	0.0	0.0	0.0	
	109	08/09/2007 10:16	0.0	0.0°	0.0	
	110	08/09/2007 10:17	0.0	0.0	0.0	
	111	08/09/2007 10:18	0.0	0.0	0.0	
	112	08/09/2007 10:19	0.0	0.0	0.0	
	113	08/09/2007 10:20	0.0	0.0	0.0	
	114	08/09/2007 10:21	0.0	0.0	0.0	
	115	08/09/2007 10:22	0.0	0.0	0.0	
	116	08/09/2007 10:23	0.0	0.0	0.0	
	117	08/09/2007 10:24	0.0	0.0	0.0	
4	118	08/09/2007 10:25	0.0	0.0	0.0	
	119	08/09/2007 10:26	0.0	0.0	0.0	
	120	08/09/2007 10:27	0.0	0.0	0.0	
	121	08/09/2007 10:28	0.0	0.0	0.0	
	122	08/09/2007 10:29	0.0	0.0	0.0	
	123	08/09/2007 10:30	0.0	0.0	0.0	
	124	08/09/2007 10:31	0.0	0.0	0.0	
	125	08/09/2007 10:32	0.0	0.0	0.0	
	126	08/09/2007 10:33	0.0	0.0	0.0	
	127	08/09/2007 10:34	0.0	0.0	0.0	
		*				

128	08/09/2007 10:35	0.0	0.0	0.0	
129	08/09/2007 10:36	0.0	0.0	0.0	
130	08/09/2007 10:37	0.0	0.0	0.0	
131	08/09/2007 10:38	0.0	0.0	0.0	
132	08/09/2007 10:39	0.0	0.0	0.0	
133	08/09/2007 10:39	0.0	0.0	0.0	
134	08/09/2007 10:40	0.0	0.0	0.0	
135	08/09/2007 10:41	0.0	0.0	0.0	
136	08/09/2007 10:42	0.0	0.0	0.0	
137	08/09/2007 10:44	0.0	0.0	0.0	
138	08/09/2007 10:45	0.0	0.0	0.0	
139	08/09/2007 10:46	0.0	0.0	0.0	
140	08/09/2007 10:47	0.0	0.0	0.0	
141	08/09/2007 10:48	0.0	0.0	0.0	
142	08/09/2007 10:49	0.0	0.0	0.0	
143	08/09/2007 10:50	0.0	0.0	0.0	
144	08/09/2007 10:51	0.0	0.0	0.0	
145	08/09/2007 10:52	0.0	0.0	0.0	
146	08/09/2007 10:53	0.0	0.0	0.0	
147	08/09/2007 10:54	0.0	0.0	0.0	
148	08/09/2007 10:55	0.0	0.0	0.0	
149	08/09/2007 10:56	0.0	0.0	0.0	
150	08/09/2007 10:57	0.0	0.0	0.0	
151	08/09/2007 10:58	0.0	0.0	0.0	
152	08/09/2007 10:59	0.0	0.0	0.0	
153	08/09/2007 11:00	0.0	0.0	0.0	
154	08/09/2007 11:01	0.0	0.0	0.0	
155	08/09/2007 11:02	0.0	0.0	0.0	
156	08/09/2007 11:03	0.0	0.0	0.0	
157	08/09/2007 11:04	0.0	0.0	0.0	
158	08/09/2007 11:05	0.0	0.0	0.0	
159	08/09/2007 11:06	0.0	0.0	0.0	
160	08/09/2007 11:07	0.0	0.0	0.0	
161	08/09/2007 11:08	0.0	0.0	0.0	
162	08/09/2007 11:09	0.0	0.0	0.0	
163	08/09/2007 11:10	0.0	0.0	0.0	
164	08/09/2007 11:11	0.0	0.0	0.0	
165	08/09/2007 11:12	0.0	0.0	0.0	
166	08/09/2007 11:13	0.0	0.0	0.0	
167	08/09/2007 11:14	0.0	0.0	0.0	
168	08/09/2007 11:15	0.0	0.0	0.0	
169	08/09/2007 11:16	0.0	0.0	0.0	
170	08/09/2007 11:17	0.0	0.0	0.0	
171	08/09/2007 11:18	0.0	0.0	0.0	
172	08/09/2007 11:19	0.0	0.0	0.0	
173	08/09/2007 11:20	0.0	0.0	0.0	•
		- · -			
	•				

	174	08/09/2007 11:21	0.0	0.0	0.0	
	175	08/09/2007 11:22	0.0	0.0	0.0	
	176	08/09/2007 11:23	0.0	0.0	0.0	
	177	08/09/2007 11:24	0.0	0.0	0.0	
	178	08/09/2007 11:25	0.0	0.0	0.0	
	179	08/09/2007 11:26	0.0	0.0	0.0	
	180	08/09/2007 11:27	0.0	0.0	0.0	
	181	08/09/2007 11:28	0.0	0.0	0.0	
	182	08/09/2007 11:29	0.0	0.0	0.0	
	183	08/09/2007 11:30	0.0	0.0	0.0	
	184	08/09/2007 11:31	0.0	0.0	0.0	
	185	08/09/2007 11:32	0.0	0.0	0.0	
	186	08/09/2007 11:33	0.0	0.0	0.0	
	187	08/09/2007 11:34	0.0	0.0	0.0	•
	188	08/09/2007 11:35	0.0	0.0	0.0	
	189	08/09/2007 11:36	0.0	0.0	0.0	
	190	08/09/2007 11:37	0.0	0.0	0.0	
	191	08/09/2007 11:38	0.0	0.0	0.0	
	192	08/09/2007 11:39	0.0	0.0	0.0	
	193	08/09/2007 11:40	0.0	0.0	0.0	
	194	08/09/2007 11:41	0.0	0.0	0.0	
	195	08/09/2007 11:42	0.0	0.0	0.0	
	196	08/09/2007 11:43	0.0	0.0	0.0	
	197	08/09/2007 11:44	0.0	0.0	0.0	
	198	08/09/2007 11:45	0.0	0.0	0.0	
-	199	08/09/2007 11:46	0.0	0.0	0.0	
	200	08/09/2007 11:47	0.0	0.0	0.0	
	201	08/09/2007 11:48	0.0	0.0	0.0	
	202	08/09/2007 11:49	0.0	0.0	0.0	
	203	08/09/2007 11:50	0.0	0.0	0.0	
	204	08/09/2007 11:51	0.0	0.0	0.0	
	205	08/09/2007 11:52	0.0	0.0	0.0	
	206	08/09/2007 11:53	0.0	0.0	0.0	
	207	08/09/2007 11:54	0.0	0.0	0.0	
	208	08/09/2007 11:55	0.0	0.0	0.0	
	209	08/09/2007 11:56	0.0	0.0	0.0	
	210	08/09/2007 11:57	0.0	0.0	0.0	
	211	08/09/2007 11:58	0.0	0.0	0.0	
	212	08/09/2007 11:59	0.0	0.0	0.0	
	213	08/09/2007 12:00	0.0	0.0	0.0	
	214	08/09/2007 12:01	0.0	0.0	0.0	
	215	08/09/2007 12:02	0.0	0.0	0.0	
	216	08/09/2007 12:03	0.0	0.0	0.0	
	217	08/09/2007 12:04	0.0	0.0	0.0	
	218	08/09/2007 12:05	0.0	0.0	0.0	
	219	08/09/2007 12:06	0.0	0.0	0.0	
				,		

220	08/09/2007 12:07	0.0	0.0	0.0	
221	08/09/2007 12:08	0.0	0.0	0.0	
222	08/09/2007 12:09	0.0	0.0	0.0	
223	08/09/2007 12:10	0.0	0.0	0.0	
224	08/09/2007 12:11	0.0	0.0	0.0	
225	08/09/2007 12:12	0.0	0.0	0.0	
226	08/09/2007 12:13	0.0	0.0	0.0	
227	08/09/2007 12:14	0.0	0.0	0.0	
228	08/09/2007 12:15	0.0	0.0	0.0	
229	08/09/2007 12:16	0.0	0.0	0.0	
230	08/09/2007 12:17	0.0	0.0	0.0	
231	08/09/2007 12:18	0.0	0.0	0.0	
232	08/09/2007 12:19	0.0	0.0	0.0	
233	08/09/2007 12:20	0.0	0.0	0.0	
234	08/09/2007 12:21	0.0	0.0	0.0	
235	08/09/2007 12:22	0.0	0.0	0.0	
236	08/09/2007 12:23	0.0	0.0	0.0	
237	08/09/2007 12:24	0.0	0.0	0.0	
238	08/09/2007 12:25	0.0	0.0	0.0	
239	08/09/2007 12:26	0.0	0.0	0.0	
240	08/09/2007 12:27	0.0	0.0	0.0	
241	08/09/2007 12:28	0.0	0.0	0.0	
242	08/09/2007 12:29	0.0	0.0	0.0	
243	08/09/2007 12:30	0.0	0.0	0.0	
244	08/09/2007 12:31	0.0	0.0	0.0	
245	08/09/2007 12:32	0.0	0.0	0.0	
246	08/09/2007 12:33	0.0	0.0	0.0	
247	08/09/2007 12:34	0.0	0.0	0.0	
248	08/09/2007 12:35	0.0	0.0	0.0	
249	08/09/2007 12:36	0.0	0.0	0.0	
250	08/09/2007 12:37	0.0	0.0	0.0	
251	08/09/2007 12:38	0.0	0.0	0.0	
252	08/09/2007 12:39	0.0	0.0	0.0	
253	08/09/2007 12:40	0.0	0.0	0.0	
254	08/09/2007 12:41	0.0	0.0	0.0	
255	08/09/2007 12:42	0.0	0.0	0.0	
256	08/09/2007 12:43	0.0	0.0	0.0	
257	08/09/2007 12:44	0.0	0.0	0.0	•
258	08/09/2007 12:45	0.0	0.0	0.0	
259	08/09/2007 12:46	0.0	0.0	0.0	
260	08/09/2007 12:47	0.0	0.0	0.0	
261	08/09/2007 12:48	0.0	0.0	0.0	
262	08/09/2007 12:49	0.0	0.0	0.0	
263	08/09/2007 12:50	0.0	0.0	0.0	
264	08/09/2007 12:51	0.0	0.0	0.0	
265	08/09/2007 12:52	0.0	0.0	0.0	

	266	08/09/2007 12:53	0.0	0.0	0.0
	267	08/09/2007 12:54	0.0	0.0	0.0
	268	08/09/2007 12:55	0.0	0.0	0.0
	269	08/09/2007 12:56	0.0	0.0	0.0
	270	08/09/2007 12:57	0.0	0.0	0.0
	271	08/09/2007 12:58	0.0	0.0	0.0
	272	08/09/2007 12:59	0.0	0.0	0.0
	273	08/09/2007 13:00	0.0	0.0	0.0
	274	08/09/2007 13:01	0.0	0.0	0.0
	275	08/09/2007 13:02	0.0	0.0	0.0
	276	08/09/2007 13:03	0.0	0.0	0.0
	277	08/09/2007 13:04	0.0	0.0	0.0
	278	08/09/2007 13:05	0.0	0.0	0.0
	279	08/09/2007 13:06	0.0	0.0	0.0
	280	08/09/2007 13:07	0.0	0.0	0.0
	281	08/09/2007 13:08	0.0	0.0	0.0
	282	08/09/2007 13:09	0.0	0.0	0.0
	283	08/09/2007 13:10	0.0	0.0	0.0
	284	08/09/2007 13:11	0.0	0.0	0.0
	285	08/09/2007 13:12	0.0	0.0	0.0
	286	08/09/2007 13:13	0.0	0.0	0.0
	287	08/09/2007 13:14	0.0	0.0	0.0
	288	08/09/2007 13:15	0.0	0.0	0.0
	289	08/09/2007 13:16	0.0	0.0	0.0
	290	08/09/2007 13:17	0.0	0.0	0.0
	291	08/09/2007 13:17	0.0	0.0	0.0
	292	08/09/2007 13:19	0.0	0.0	0.0
	293	08/09/2007 13:20	0.0	0.0	0.0
•	294	08/09/2007 13:21	0.0	0.0	0.0
	295	08/09/2007 13:22	0.0	0.0	0.0
	296	08/09/2007 13:23	0.0	0.0	0.0
	297	08/09/2007 13:24	0.0	0.0	0.0
	298	08/09/2007 13:25	0.0	0.0	0.0
	299	08/09/2007 13:26	0.0	0.0	0.0
	300	08/09/2007 13:27	0.0	0.0	0.0
	301	08/09/2007 13:28	0.0	0.0	0.0
	302	08/09/2007 13:29	0.0	0.0	0.0
	303	08/09/2007 13:30	0.0	0.0	0.0
	304	08/09/2007 13:31	0.0	0.0	0.0
	305	08/09/2007 13:32	0.0	0.0	0.0
	306	08/09/2007 13:33	0.0	0.0	0.0
	307	08/09/2007 13:34	0.0	0.0	0.0
	308	08/09/2007 13:35	0.0	0.0	0.0
	309	08/09/2007 13:36	0.0	0.0	0.0
	310	08/09/2007 13:37	0.0	0.0	0.0
	311	08/09/2007 13:38	0.0	0.0	0.0
	~ 1 1	55,52,250, 15.50	0.0	0.0	0.0

312	08/09/2007 13:39	0.0	0.0	0.0		
313	08/09/2007 13:40	0.0	0.0	0.0		
314	08/09/2007 13:41	0.0	0.0	0.0		
315	08/09/2007 13:42	0.0	0.0	0.0		
316	08/09/2007 13:43	0.0	0.0	0.0		
317	08/09/2007 13:44	0.0	0.0	0.0	•	
318	08/09/2007 13:45	0.0	0.0	0.0		
319	08/09/2007 13:46	0.0	0.0	0.0		
320	08/09/2007 13:47	0.0	0.0	0.0		
321	08/09/2007 13:48	0.0	0.0	0.0		
322	08/09/2007 13:49	0.0	0.0	0.0		
323	08/09/2007 13:50	0.0	0.0	0.0		
324	08/09/2007 13:51	0.0	0.0	0.0		
325	08/09/2007 13:52	0.0	0.0	0.0		
326	08/09/2007 13:53	0.0	0.0	0.0		
327	08/09/2007 13:54	0.0	0.0	0.0		
328	08/09/2007 13:55	0.0	0.0	0.0		
329	08/09/2007 13:56	0.0	0.0	0.0		
330	08/09/2007 13:57	0.0	0.0	0.0		
331	08/09/2007 13:58	0.0	0.0	0.0		
332	08/09/2007 13:59	0.0	0.0	0.0		
333	08/09/2007 14:00	0.0	0.0	0.0		
334	08/09/2007 14:01	0.0	0.0	0.0		
335	08/09/2007 14:02	0.0	0.0	0.0		
336	08/09/2007 14:03	0.0	0.0	0.0		
337	08/09/2007 14:04	0.0	0.0	0.0		
338	08/09/2007 14:05	0.0	0.0	0.0		
339	08/09/2007 14:06	0.0	0.0	0.0		
340	08/09/2007 14:07	0.0	0.0	0.0		
341	08/09/2007 14:08	0.0	0.0	0.0		
342	08/09/2007 14:09	0.0	0.0	0.0		
343	08/09/2007 14:10	0.0	0.0	0.0		
344	08/09/2007 14:11	0.0	0.0	0.0	•	
345	08/09/2007 14:12	0.0	0.0	0.0		
346	08/09/2007 14:13	0.0	0.0	0.0		
347	08/09/2007 14:14	0.0	0.0	0.0		
348	08/09/2007 14:15	0.0	0.0	0.0		
349	08/09/2007 14:16	0.0	0.0	0.0		

Site ID: 00000304

Data Points: 383

User ID: 00000000

Gas Name: Isobutylene

Sample Period: 60 sec

Serial Number: 005550

Last Calibration Time: 08/08/2007 10:44

Measurement Type: High Alarm Levels: Low Alarm Levels:

Min(ppm) 100.0 50.0

Avg(ppm) 100.0 50.0

Max(ppm) 100.0 50.0

LOW	Maini Leveis.	50.0	50.0	J JU.U	
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/13/2007 06:32	0.9	1.7	2.1	
2	08/13/2007 06:33	1.3	1.5	1.8	
3	08/13/2007 06:34	1.2	1.4	1.7	
4	08/13/2007 06:35	1.1	1.2	1.5	
5	08/13/2007 06:36	1.4	1.5	1.7	
6	08/13/2007 06:37	1.3	1.5	1.8	
7	08/13/2007 06:38	1.2	1.6	2.3	
8	08/13/2007 06:39	0.0	1.1	2.0	
9	08/13/2007 06:40	0.6	1.1	1.8	
10	08/13/2007 06:41	0.8	1.1	1.7	
11	08/13/2007 06:42	1.1	1.3	1.8	
12	08/13/2007 06:43	1.3	2.3	3.3	
13	08/13/2007 06:44	2.4	2.8	3.5	
14	08/13/2007 06:45	2.8	3.2	3.8	
15	08/13/2007 06:46	2.7	3.0	3.4	
16	08/13/2007 06:47	3.1	3.9	5.0	
17	08/13/2007 06:48	3.9	4.5	5.4	
18	08/13/2007 06:49	4.0	4.5	5.0	
19	08/13/2007 06:50	4.4	4.7	5.4	
20	08/13/2007 06:51	4.2	4.7	5.5	
21	08/13/2007 06:52	5.3	6.0	6.7	
22	08/13/2007 06:53	5.0	5.5	6.5	
23	08/13/2007 06:54	4.7	6.2	8.4	
24	08/13/2007 06:55	6.1	6.5	7.6	
25	08/13/2007 06:56	5.9	6.4	7.1	
26	08/13/2007 06:57	5.4	6.0	7.0	
27	08/13/2007 06:58	6.0	7.4	9.9	
28	08/13/2007 06:59	7.1	9.3	12.8	
29	08/13/2007 07:00	5.9	7.2	9.0	
30	08/13/2007 07:01	4.1	5.1	6.2	
31	08/13/2007 07:02	3.6	5.1	8.4	
32	08/13/2007 07:03	2.8	3.7	5.3	
33	08/13/2007 07:04	0.8	1.7	3.4	
34	08/13/2007 07:05	0.0	1.4	4.3	
35	08/13/2007 07:06	0.0	0.0	0.5	

36	08/13/2007 07:07	0.0	0.0	0.0		
37	08/13/2007 07:08	0.0	0.0	1.4		
38	08/13/2007 07:09	0.0	0.0	0.5		
39	08/13/2007 07:10	0.0	0.0	0.0		
40	08/13/2007 07:11	0.0	0.0	0.0		
41	08/13/2007 07:12	0.0	0.0	0.0		
42	08/13/2007 07:13	0.0	0.0	0.0		
43	08/13/2007 07:14	0.0	0.0	0.0		
44	08/13/2007 07:15	0.0	0.0	0.0		
45	08/13/2007 07:16	0.0	0.0	0.0		
46	08/13/2007 07:17	0.0	0.0	0.0		
47	08/13/2007 07:18	0.0	0.0	0.0		
48	08/13/2007 07:19	0.0	0.0	0.0		
49	08/13/2007 07:20	0.0	0.0	0.0		
50	08/13/2007 07:21	0.0	0.0	0.0		
51	08/13/2007 07:22	0.0	0.0	0.0		
52	08/13/2007 07:23	0.0	0.0	0.0		
53	08/13/2007 07:24	0.0	0.0	0.0		
54	08/13/2007 07:25	0.0	0.0	0.0		
55	08/13/2007 07:26	0.0	0.0	0.0		
56	08/13/2007 07:27	0.0	0.0	0.0		
57	08/13/2007 07:28	0.0	0.0	0.0		
58	08/13/2007 07:29	0.0	0.0	0.0		
59	08/13/2007 07:30	0.0	0.0	0.0		
60	08/13/2007 07:31	0.0	0.0	0.0		
61	08/13/2007 07:32	0.0	0.0	0.0		
62	08/13/2007 07:33	0.0	0.0	0.0		
63	08/13/2007 07:34	0.0	0.0	0.0		
64	08/13/2007 07:35	0.0	0.0	0.0		
65	08/13/2007 07:36	0.0	0.0	0.0		
66	08/13/2007 07:37	0.0	0.0	0.0		
67	08/13/2007 07:38	0.0	0.0	0.0		
68	08/13/2007 07:39	0.0	0.0	0.0	:	
69	08/13/2007 07:40	0.0	0.0	0.0		
70	08/13/2007 07:41	0.0	0.0	0.0		
71	08/13/2007 07:42	0.0	0.0	0.0		
72	08/13/2007 07:43	0.0	0.0	0.0		
73	08/13/2007 07:44	0.0	0.0	0.0		
74	08/13/2007 07:45	0.0	0.0	0.0		
75	08/13/2007 07:46	0.0	0.0	0.0		
76	08/13/2007 07:47	0.0	0.0	0.0		
77	08/13/2007 07:48	0.0	0.0	0.0		
78	08/13/2007 07:49	0.0	0.0	0.0		
79	08/13/2007 07:50	0.0	0.0	0.0		
80	08/13/2007 07:51	0.0	0.0	0.0		
81	08/13/2007 07:52	0.0	0.0	0.0		

82	08/13/2007 07:53	0.0	0.0	0.0
83	08/13/2007 07:54	0.0	0.0	0.0
84	08/13/2007 07:55	0.0	0.0	0.0
85	08/13/2007 07:56	0.0	0.0	0.0
86	08/13/2007 07:57	0.0	0.0	0.0
87	08/13/2007 07:58	0.0	0.0	0.0
88	08/13/2007 07:59	0.0	0.0	0.0
89	08/13/2007 08:00	0.0	0.0	0.0
90	08/13/2007 08:01	0.0	0.0	0.0
91	08/13/2007 08:02	0.0	0.0	0.0
92	08/13/2007 08:02	0.0	0.0	0.0
93	08/13/2007 08:04	0.0	0.0	0.0
94	08/13/2007 08:05	0.0	0.0	0.0
95	08/13/2007 08:06	0.0	0.0	0.0
96	08/13/2007 08:07	0.0	0.0	0.0
97	08/13/2007 08:08	0.0	0.0	0.0
98	08/13/2007 08:09	0.0	0.0	0.0
99	08/13/2007 08:09	0.0	0.0	0.0
100	08/13/2007 08:10	0.0	0.0	0.0
101	08/13/2007 08:11	0.0	0.0	0.0
102	08/13/2007 08:12	0.0	0.0	0.0
103	08/13/2007 08:13	0.0	0.0	0.0
103	08/13/2007 08:14	0.0	0.0	0.0
105	08/13/2007 08:15	0.0	0.0	0.0
106	08/13/2007 08:10	0.0	0.0	0.0
100	08/13/2007 08:17	0.0	0.0	0.0
107	08/13/2007 08:19	0.0	0.0	0.0
108	08/13/2007 08:19	0.0	0.0	0.0
1109	08/13/2007 08:20	0.0	0.0	0.0
111	08/13/2007 08:22	0.0	0.0	0.0
112	08/13/2007 08:23	0.0	0.0	0.0
112	08/13/2007 08:24		0.0	0.0
113	08/13/2007 08:25	0.0 0.0	0.0	0.0
115	08/13/2007 08:26	0.0	0.0	0.0
	08/13/2007 08:27			
116		0.0	0.0	0.0
117	08/13/2007 08:28	0.0	0.0	0.0
118	08/13/2007 08:29	0.0	0.0	0.0
119	08/13/2007 08:30	0.0	0.0	0.0
120	08/13/2007 08:31	0.0	0.0	0.0
121	08/13/2007 08:32	0.0	0.0	0.0
122	08/13/2007 08:33	0.0	0.0	0.0
123	08/13/2007 08:34	0.0	0.0	0.0
124	08/13/2007 08:35	0.0	0.0	0.0
125	08/13/2007 08:36	0.0	0.0	0.0
126	08/13/2007 08:37	0.0	0.0	0.0
127	08/13/2007 08:38	0.0	0.0	0.0

128	08/13/2007 08:39	0.0	0.0	0.0
129	08/13/2007 08:40	0.0	0.0	0.0
130	08/13/2007 08:41	0.0	0.0	0.0
131	08/13/2007 08:42	0.0	0.0	0.0
132	08/13/2007 08:43	0.0	0.0	0.0
133	08/13/2007 08:44	0.0	0.0	0.0
134	08/13/2007 08:45	0.0	0.0	0.0
135	08/13/2007 08:46	0.0	0.0	0.0
136	08/13/2007 08:47	0.0	0.0	0.0
137	08/13/2007 08:48	0.0	0.0	0.0
138	08/13/2007 08:49	0.0	0.0	0.0
139	08/13/2007 08:50	0.0	0.0	0.0
140	08/13/2007 08:51	0.0	0.0	0.0
141	08/13/2007 08:52	0.0	0.0	0.0
142	08/13/2007 08:53	0.0	0.0	0.0
143	08/13/2007 08:54	0.0	0.0	0.0
144	08/13/2007 08:55	0.0	0.0	0.0
145	08/13/2007 08:56	0.0	0.0	0.0
146	08/13/2007 08:57	0.0	0.0	0.0
147	08/13/2007 08:58	0.0	0.0	0.0
148	08/13/2007 08:59	0.0	0.0	0.0
149	08/13/2007 09:00	0.0	0.0	0.0
150	08/13/2007 09:01	0.0	0.0	0.0
151	08/13/2007 09:02	0.0	0.0	0.0
152	08/13/2007 09:03	0.0	0.0	0.0
153	08/13/2007 09:04	0.0	0.0	0.0
154	08/13/2007 09:05	0.0	0.0	0.0
155	08/13/2007 09:06	0.0	0.0	0.0
156	08/13/2007 09:07	0.0	0.0	0.0
157	08/13/2007 09:08	0.0	0.0	0.0
158	08/13/2007 09:09	0.0	0.0	0.0
159	08/13/2007 09:10	0.0	0.0	0.0
160	08/13/2007 09:11	0.0	0.0	0.0
161	08/13/2007 09:12	0.0	0.0	0.0
162	08/13/2007 09:13	0.0	0.0	0.0
163	08/13/2007 09:14	0.0	0.0	0.0
164	08/13/2007 09:15	0.0	0.0	0.0
165	08/13/2007 09:16	0.0	0.0	0.0
166	08/13/2007 09:17	0.0	0.0	0.0
167	08/13/2007 09:18	0.0	0.0	0.0
168	08/13/2007 09:19	0.0	0.0	0.0
169	08/13/2007 09:20	0.0	0.0	0.0
170	08/13/2007 09:21 08/13/2007 09:22	0.0	0.0	0.0
171 172	08/13/2007 09:22	0.0	0.0	0.0
172	08/13/2007 09:23	$0.0 \\ 0.0$	0.0 0.0	0.0
1/3	00/13/200/ 09.24	0.0	0.0	0.0

174	08/13/2007 09:2	25	0.0	0.0	0.0
175	08/13/2007 09:2	26	0.0	0.0	0.0
176	08/13/2007 09:2	27	0.0	0.0	0.0
177	08/13/2007 09:2	28	0.0	0.0	0.0
178	08/13/2007 09:2	29	0.0	0.0	0.0
179	08/13/2007 09:3	30	0.0	0.0	0.0
180	08/13/2007 09:3	31	0.0	0.0	0.0
181	08/13/2007 09:3	32	0.0	0.0	0.0
182	08/13/2007 09:3	33	0.0	0.0	0.0
183	08/13/2007 09:3		0.0	0.0	0.0
184	08/13/2007 09:3		0.0	0.0	0.0
185	08/13/2007 09:3		0.0	0.0	0.0
186	08/13/2007 09:3		0.0	0.0	0.0
187	08/13/2007 09:3		0.0	0.0	0.0
188	08/13/2007 09:3		0.0	0.0	0.0
189	08/13/2007 09:4		0.0	0.0	0.0
190	08/13/2007 09:4		0.0	0.0	0.0
191	08/13/2007 09:4		0.0	0.0	0.0
192	08/13/2007 09:4		0.0	0.0	0.0
193	08/13/2007 09:4		0.0	0.0	0.0
194	08/13/2007 09:4		0.0	0.0	0.0
195	08/13/2007 09:4		0.0	0.0	0.0
196	08/13/2007 09:4		0.0	0.0	0.0
197	08/13/2007 09:4		0.0	0.0	0.0
198	08/13/2007 09:4		0.0	0.0	0.0
199	08/13/2007 09:5			0.0	0.0
200	08/13/2007 09:5		0.0	0.0	0.0
201	08/13/2007 09:5		0.0	0.0	0.0
202	08/13/2007 09:5			0.0	0.0
203	08/13/2007 09:5		0.0	0.0	0.0
204	08/13/2007 09:5		0.0	0.0	0.0
205	08/13/2007 09:5		0.0	0.0	0.0
206 207	08/13/2007 09:5 08/13/2007 09:5		0.0	0.0	0.0
_ • •			0.0	0.0	0.0
208 209	08/13/2007 09:5 08/13/2007 10:0			0.0	0.0
210	08/13/2007 10:0			0.0	0.0
210	08/13/2007 10:0			0.0	0.0
212	08/13/2007 10:0			0.0	0.0
213	08/13/2007 10:0			0.0	0.0
214	08/13/2007 10:0			0.0	0.0
215	08/13/2007 10:0 08/13/2007 10:0			0.0	0.0
216	08/13/2007 10:0			0.0	0.0
217				0.0	0.0
218 219	08/13/2007 10:0 08/13/2007 10:1			0.0 0.0	0.0
417	00/13/2007 10:1	U	0.0	0.0	U.U

	220	08/13/2007 10:11	0.0	0.0	0.0
	221	08/13/2007 10:12	0.0	0.0	0.0
	222	08/13/2007 10:13	0.0	0.0	0.0
	223	08/13/2007 10:14	0.0	0.0	0.0
	224	08/13/2007 10:15	0.0	0.0	0.0
	225	08/13/2007 10:16	0.0	0.0	0.0
	226	08/13/2007 10:17	0.0	0.0	0.0
	227	08/13/2007 10:18	0.0	0.0	0.0
	228	08/13/2007 10:19	0.0	0.0	0.0
	229	08/13/2007 10:20	0.0	0.0	0.0
	230	08/13/2007 10:21	0.0	0.0	0.0
	231	08/13/2007 10:22	0.0	0.0	0.0
	232	08/13/2007 10:23	0.0	0.0	0.0
	233	08/13/2007 10:24	0.0	0.0	0.0
	234	08/13/2007 10:25	0.0	0.0	0.0
	235	08/13/2007 10:26	0.0	0.0	0.0
	236	08/13/2007 10:27	0.0	0.0	0.0
	237	08/13/2007 10:28	0.0	0.0	0.0
	238	08/13/2007 10:29	0.0	0.0	0.0
	239	08/13/2007 10:30	0.0	0.0	0.0
•	240	08/13/2007 10:31	0.0	0.0	0.0
	241	08/13/2007 10:32	0.0	0.0	0.0
	242	08/13/2007 10:33	0.0	0.0	0.0
	243	08/13/2007 10:34	0.0	0.0	0.0
	244	08/13/2007 10:35	0.0	0.0	0.0
	245	08/13/2007 10:36	0.0	0.0	0.0
	246	08/13/2007 10:37	0.0	0.0	0.0
	247	08/13/2007 10:38	0.0	0.0	0.0
	248	08/13/2007 10:39	0.0	0.0	0.0
	249	08/13/2007 10:40	0.0	0.0	0.0
	250	08/13/2007 10:41	0.0	0.0	0.0
	251	08/13/2007 10:42	0.0	0.0	0.0
	252	08/13/2007 10:43	0.0	0.0	0.0
	253	08/13/2007 10:44	0.0	0.0	0.0
	254	08/13/2007 10:45	0.0	0.0	0.0
	255	08/13/2007 10:46	0.0	0.0	0.0
	256	08/13/2007 10:47	0.0	0.0	0.0
	257	08/13/2007 10:48	0.0	0.0	0.0
	258	08/13/2007 10:49	0.0	0.0	0.0
	259	08/13/2007 10:50	0.0	0.0	0.0
	260	08/13/2007 10:51	0.0	0.0	0.0
	261	08/13/2007 10:52	0.0	0.0	0.0
	262	08/13/2007 10:53	0.0	0.0	0.0
	263	08/13/2007 10:54	0.0	0.0	0.0
	264	08/13/2007 10:55	0.0	0.0	0.0
	265	08/13/2007 10:56	0.0	0.0	0.0

266	08/13/2007 10:57	0.0	0.0	0.0
267	08/13/2007 10:58	0.0	0.0	0.0
268	08/13/2007 10:59	0.0	0.0	0.0
269	08/13/2007 11:00	0.0	0.0	0.0
270	08/13/2007 11:01	0.0	0.0	0.0
271	08/13/2007 11:02	0.0	0.0	0.0
272	08/13/2007 11:02	0.0	0.0	0.0
273	08/13/2007 11:04	0.0	0.0	0.0
274	08/13/2007 11:04	0.0	0.0	0.0
275	08/13/2007 11:06	0.0	0.0	0.0
276	08/13/2007 11:07	0.0	0.0	0.0
277	08/13/2007 11:07	0.0	0.0	0.0
278	08/13/2007 11:08	0.0	0.0	0.0
279	08/13/2007 11:10	0.0	0.0	0.0
280	08/13/2007 11:11	0.0	0.0	0.0
	08/13/2007 11:11	0.0	0.0	0.0
281				
282	08/13/2007 11:13	0.0	0.0	0.0
283	08/13/2007 11:14	0.0	0.0	0.0
284	08/13/2007 11:15	0.0	0.0	0.0
285	08/13/2007 11:16	0.0	0.0	0.0
286	08/13/2007 11:17	0.0	0.0	0.0
287	08/13/2007 11:18	0.0	0.0	0.0
288	08/13/2007 11:19	0.0	0.0	0.0
289	08/13/2007 11:20	0.0	0.0	0.0
290	08/13/2007 11:21	0.0	0.0	0.0
291	08/13/2007 11:22	0.0	0.0	0.0
292	08/13/2007 11:23	0.0	0.0	0.0
293	08/13/2007 11:24	0.0	0.0	0.0
294	08/13/2007 11:25	0.0	0.0	0.0
295	08/13/2007 11:26	0.0	0.0	0.0
296	08/13/2007 11:27	0.0	0.0	0.0
297	08/13/2007 11:28	0.0	0.0	0.0
298	08/13/2007 11:29	0.0	0.0	0.0
299	08/13/2007 11:30	0.0	0.0	0.0
300	08/13/2007 11:31	0.0	0.0	0.0
301	08/13/2007 11:32	0.0	0.0	0.0
302	08/13/2007 11:33	0.0	0.0	0.0
303	08/13/2007 11:34	0.0	0.0	0.0
304	08/13/2007 11:35	0.0	0.0	0.0
305	08/13/2007 11:36	0.0	0.0	0.0
306	08/13/2007 11:37	0.0	0.0	0.0
307	08/13/2007 11:38	0.0	0.0	0.0
308	08/13/2007 11:39	0.0	0.0	0.0
309	08/13/2007 11:40	0.0	0.0	0.0
310	08/13/2007 11:41	0.0	0.0	0.0
311	08/13/2007 11:41	0.0	0.0	0.0
J 1 1	00,13,2007 11.72	0.0	0.0	···

312 08/13/2007 11:43 0.0 0.0 0.0 314 08/13/2007 11:45 0.0 0.0 0.0 315 08/13/2007 11:45 0.0 0.0 0.0 316 08/13/2007 11:47 0.0 0.0 0.0 317 08/13/2007 11:48 0.0 0.0 0.0 318 08/13/2007 11:49 0.0 0.0 0.0 319 08/13/2007 11:50 0.0 0.0 0.0 320 08/13/2007 11:51 0.0 0.0 0.0 321 08/13/2007 11:52 0.0 0.0 0.0 322 08/13/2007 11:55 0.0 0.0 0.0 323 08/13/2007 11:55 0.0 0.0 0.0 324 08/13/2007 11:55 0.0 0.0 0.0 0.0 325 08/13/2007 11:55 0.0 0.0 0.0 0.0 326 08/13/2007 11:56 0.0 0.0 0.0 0.0 327 08/13/2007 11:57 0.0 0.0 0.0 0.0 328 08/13/2007 11:58 0.0 0.0 0.0 0.0 329 08/13/2007 11:59 0.0 0.0 0.0 0.0 320 08/13/2007 11:50 0.0 0.0 0.0 0.0 321 08/13/2007 11:50 0.0 0.0 0.0 0.0 322 08/13/2007 11:50 0.0 0.0 0.0 0.0 323 08/13/2007 11:50 0.0 0.0 0.0 0.0 324 08/13/2007 11:50 0.0 0.0 0.0 0.0 325 08/13/2007 11:50 0.0 0.0 0.0 0.0 326 08/13/2007 11:50 0.0 0.0 0.0 0.0 327 08/13/2007 11:50 0.0 0.0 0.0 0.0 328 08/13/2007 11:50 0.0 0.0 0.0 0.0 329 08/13/2007 11:50 0.0 0.0 0.0 0.0 330 08/13/2007 12:00 0.0 0.0 0.0 0.0 331 08/13/2007 12:00 0.0 0.0 0.0 0.0 332 08/13/2007 12:00 0.0 0.0 0.0 0.0 333 08/13/2007 12:04 0.0 0.0 0.0 0.0 334 08/13/2007 12:04 0.0 0.0 0.0 0.0 335 08/13/2007 12:05 0.0 0.0 0.0 0.0 336 08/13/2007 12:06 0.0 0.0 0.0 0.0 337 08/13/2007 12:09 0.0 0.0 0.0 0.0 338 08/13/2007 12:09 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 0.0 340 08/13/2007 12:10 0.0 0.0 0.0 0.0 341 08/13/2007 12:10 0.0 0.0 0.0 0.0 342 08/13/2007 12:10 0.0 0.0 0.0 0.0 343 08/13/2007 12:10 0.0 0.0 0.0 0.0 344 08/13/2007 12:11 0.0 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 0.0 346 08/13/2007 12:15 0.0 0.0 0.0 0.0 347 08/13/2007 12:15 0.0 0.0 0.0 0.0 348 08/13/2007 12:15 0.0 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.							
313 08/13/2007 11:44 0,0 0,0 0,0 0,0 314 08/13/2007 11:45 0,0 0,0 0,0 0,0 315 08/13/2007 11:46 0,0 0,0 0,0 0,0 316 08/13/2007 11:47 0,0 0,0 0,0 0,0 317 08/13/2007 11:49 0,0 0,0 0,0 0,0 318 08/13/2007 11:49 0,0 0,0 0,0 0,0 319 08/13/2007 11:50 0,0 0,0 0,0 0,0 320 08/13/2007 11:51 0,0 0,0 0,0 0,0 321 08/13/2007 11:52 0,0 0,0 0,0 0,0 322 08/13/2007 11:53 0,0 0,0 0,0 0,0 322 08/13/2007 11:55 0,0 0,0 0,0 0,0 324 08/13/2007 11:55 0,0 0,0 0,0 0,0 325 08/13/2007 11:55 0,0 0,0 0,0 0,0 325 08/13/2007 11:57 0,0 0,0 0,0 0,0 326 08/13/2007 11:57 0,0 0,0 0,0 0,0 326 08/13/2007 11:57 0,0 0,0 0,0 0,0 327 08/13/2007 11:58 0,0 0,0 0,0 0,0 327 08/13/2007 11:59 0,0 0,0 0,0 0,0 329 08/13/2007 12:00 0,0 0,0 0,0 0,0 330 08/13/2007 12:00 0,0 0,0 0,0 0,0 331 08/13/2007 12:00 0,0 0,0 0,0 0,0 332 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 333 08/13/2007 12:00 0,0 0,0 0,0 0,0 334 08/13/2007 12:05 0,0 0,0 0,0 0,0 335 08/13/2007 12:06 0,0 0,0 0,0 0,0 336 08/13/2007 12:06 0,0 0,0 0,0 0,0 337 08/13/2007 12:06 0,0 0,0 0,0 0,0 338 08/13/2007 12:06 0,0 0,0 0,0 0,0 344 08/13/2007 12:10 0,0 0,0 0,0 0,0 344 08/13/2007 12:10 0,0 0,0 0,0 0,0 345 08/13/2007 12:10 0,0 0,0 0,0 0,0 346 08/13/2007 12:11 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 346 08/13/2007 12:16 0,0 0,0 0,0 0,0 0,0 348 08/13/2007 12:16 0,0 0,0 0,0 0,0 0,0 348 08/13/2007 12:21 0,0 0,0 0,0 0,0 0,0 346 08/13/2007 12:21 0,0 0,0 0,0 0,0 0,0 346 08/13/2007 12:21 0,0 0,0 0,0 0,0 0,0 346 08/13/2007 12:21 0,0 0,0	312	08/13/2007 11:43	0.0	0.0	0.0		
314 08/13/2007 11:45 0.0 0.0 0.0 315 08/13/2007 11:47 0.0 0.0 0.0 0.0 316 08/13/2007 11:48 0.0 0.0 0.0 0.0 317 08/13/2007 11:48 0.0 0.0 0.0 0.0 318 08/13/2007 11:50 0.0 0.0 0.0 0.0 320 08/13/2007 11:51 0.0 0.0 0.0 0.0 321 08/13/2007 11:53 0.0 0.0 0.0 0.0 322 08/13/2007 11:53 0.0 0.0 0.0 0.0 323 08/13/2007 11:54 0.0 0.0 0.0 0.0 324 08/13/2007 11:55 0.0 0.0 0.0 0.0 0.0 325 08/13/2007 11:55 0.0 0.0 0.0 0.0 0.0 326 08/13/2007 11:56 0.0 0.0 0.0 0.0 0.0 327 08/13/2007 11:57 0.0 0.0 0.0 0.0 328 08/13/2007 11:59 0.0 0.0 0.0 0.0 329 08/13/2007 12:00 0.0 0.0 0.0 0.0 329 08/13/2007 12:00 0.0 0.0 0.0 0.0 330 08/13/2007 12:01 0.0 0.0 0.0 0.0 331 08/13/2007 12:01 0.0 0.0 0.0 0.0 332 08/13/2007 12:00 0.0 0.0 0.0 0.0 333 08/13/2007 12:01 0.0 0.0 0.0 0.0 334 08/13/2007 12:00 0.0 0.0 0.0 0.0 335 08/13/2007 12:00 0.0 0.0 0.0 0.0 336 08/13/2007 12:00 0.0 0.0 0.0 0.0 337 08/13/2007 12:00 0.0 0.0 0.0 0.0 338 08/13/2007 12:00 0.0 0.0 0.0 0.0 339 08/13/2007 12:00 0.0 0.0 0.0 0.0 331 08/13/2007 12:01 0.0 0.0 0.0 0.0 332 08/13/2007 12:01 0.0 0.0 0.0 0.0 333 08/13/2007 12:01 0.0 0.0 0.0 0.0 334 08/13/2007 12:05 0.0 0.0 0.0 0.0 335 08/13/2007 12:05 0.0 0.0 0.0 0.0 336 08/13/2007 12:05 0.0 0.0 0.0 0.0 337 08/13/2007 12:05 0.0 0.0 0.0 0.0 339 08/13/2007 12:05 0.0 0.0 0.0 0.0 340 08/13/2007 12:10 0.0 0.0 0.0 0.0 341 08/13/2007 12:10 0.0 0.0 0.0 0.0 342 08/13/2007 12:10 0.0 0.0 0.0 0.0 343 08/13/2007 12:11 0.0 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 0.0 346 08/13/2007 12:15 0.0 0.0 0.0 0.0 347 08/13/2007 12:15 0.0 0.0 0.0 0.0 348 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 340 08/13/2007 12:15 0.0 0.0 0.0 0.0 341 08/13/2007 12:15 0.0 0.0 0.0 0.0 342 08/13/2007 12:15 0.0 0.0 0.0 0.0 343 08/13/2007 12:15 0.0 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 0.0 346 08/13/2007 12:15 0.0 0.0 0.0 0.0 347 08/13/2007 12:21 0.0 0.0 0.0 0.0 348 08/13/2007 12:21 0.0 0.0 0.0 0.0 349 08/13/2007 12:21 0.0 0.0 0.0 0.0 340 08/13/2007 12:21 0.0 0.0 0.0 0.0 341							
315 08/13/2007 11:45 0.0 0.0 0.0 0.0 316 08/13/2007 11:48 0.0 0.0 0.0 0.0 318 08/13/2007 11:49 0.0 0.0 0.0 0.0 319 08/13/2007 11:51 0.0 0.0 0.0 0.0 320 08/13/2007 11:51 0.0 0.0 0.0 0.0 321 08/13/2007 11:51 0.0 0.0 0.0 0.0 321 08/13/2007 11:55 0.0 0.0 0.0 0.0 322 08/13/2007 11:55 0.0 0.0 0.0 0.0 322 08/13/2007 11:55 0.0 0.0 0.0 0.0 323 08/13/2007 11:55 0.0 0.0 0.0 0.0 324 08/13/2007 11:55 0.0 0.0 0.0 0.0 325 08/13/2007 11:55 0.0 0.0 0.0 0.0 326 08/13/2007 11:55 0.0 0.0 0.0 0.0 326 08/13/2007 11:57 0.0 0.0 0.0 0.0 326 08/13/2007 11:59 0.0 0.0 0.0 0.0 327 08/13/2007 11:59 0.0 0.0 0.0 0.0 328 08/13/2007 11:59 0.0 0.0 0.0 0.0 329 08/13/2007 12:00 0.0 0.0 0.0 0.0 330 08/13/2007 12:00 0.0 0.0 0.0 0.0 331 08/13/2007 12:02 0.0 0.0 0.0 0.0 0.0 332 08/13/2007 12:00 0.0 0.0 0.0 0.0 333 08/13/2007 12:05 0.0 0.0 0.0 0.0 334 08/13/2007 12:05 0.0 0.0 0.0 0.0 335 08/13/2007 12:05 0.0 0.0 0.0 0.0 336 08/13/2007 12:05 0.0 0.0 0.0 0.0 337 08/13/2007 12:05 0.0 0.0 0.0 0.0 338 08/13/2007 12:05 0.0 0.0 0.0 0.0 338 08/13/2007 12:05 0.0 0.0 0.0 0.0 338 08/13/2007 12:05 0.0 0.0 0.0 0.0 339 08/13/2007 12:06 0.0 0.0 0.0 0.0 339 08/13/2007 12:07 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 0.0 340 08/13/2007 12:10 0.0 0.0 0.0 0.0 340 08/13/2007 12:10 0.0 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 0.0 346 08/13/2007 12:15 0.0 0.0 0.0 0.0 347 08/13/2007 12:15 0.0 0.0 0.0 0.0 348 08/13/2007 12:15 0.0 0.0 0.0 0.0 348 08/13/2007 12:15 0.0 0.0 0.0 0.0 348 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 349 08/13/2007 12:15 0.0 0.0 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 0.0 0.0 345 08/13/2007 12:21 0.0 0.0 0.0 0.0 0.0 345 08/13/2007 12:21 0.0 0.0 0.0 0.0 0.0 345 08/13/2007 12:21 0.0 0.0							
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333 08/13/2007 12:04 0.0 0.0 0.0 334 08/13/2007 12:05 0.0 0.0 0.0 335 08/13/2007 12:06 0.0 0.0 0.0 0.0 336 08/13/2007 12:07 0.0 0.0 0.0 0.0 337 08/13/2007 12:09 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 340 08/13/2007 12:11 0.0 0.0 0.0 341 08/13/2007 12:12 0.0 0.0 0.0 342 08/13/2007 12:13 0.0 0.0 0.0 343 08/13/2007 12:14 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 344 08/13/2007 12:16 0.0 0.0 0.0 345 08/13/2007 12:16 0.0 0.0 0.0 346 08/13/2007 12:17 0.0 0.0 0.0 347 08/13/2007 12:18 0.0 0.0 0.0 348 08/13/2007 12:18 0.0 0.0 0.0 349 08/13/2007 12:19 0.0 0.0 0.0 349 08/13/2007 12:20 0.0 0.0 0.0 350 08/13/2007 12:21 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 352 08/13/2007 12:23 0.0 0.0 0.0 353 08/13/2007 12:24 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0	331	08/13/2007 12:02	0.0	0.0	0.0		
334 08/13/2007 12:05 0.0 0.0 0.0 335 08/13/2007 12:06 0.0 0.0 0.0 336 08/13/2007 12:07 0.0 0.0 0.0 337 08/13/2007 12:08 0.0 0.0 0.0 338 08/13/2007 12:09 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 340 08/13/2007 12:11 0.0 0.0 0.0 341 08/13/2007 12:12 0.0 0.0 0.0 342 08/13/2007 12:13 0.0 0.0 0.0 343 08/13/2007 12:15 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 345 08/13/2007 12:15 0.0 0.0 0.0 346 08/13/2007 12:16 0.0 0.0 0.0 347 08/13/2007 12:17 0.0 0.0 0.0 348 08/13/2007 12:18 0.0 0.0 0.0 349 08/13/2007 12:19 0.0 0.0 0.0 349 08/13/2007 12:10 0.0 0.0 0.0 349 08/13/2007 12:10 0.0 0.0 0.0 350 08/13/2007 12:20 0.0 0.0 0.0 351 08/13/2007 12:21 0.0 0.0 0.0 352 08/13/2007 12:22 0.0 0.0 0.0 353 08/13/2007 12:24 0.0 0.0 0.0 354 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0	332	08/13/2007 12:03	0.0	0.0	0.0		
335 08/13/2007 12:06 0.0 0.0 0.0 0.0 336 08/13/2007 12:07 0.0 0.0 0.0 0.0 337 08/13/2007 12:08 0.0 0.0 0.0 0.0 338 08/13/2007 12:09 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 0.0 340 08/13/2007 12:11 0.0 0.0 0.0 0.0 341 08/13/2007 12:12 0.0 0.0 0.0 0.0 342 08/13/2007 12:13 0.0 0.0 0.0 343 08/13/2007 12:13 0.0 0.0 0.0 344 08/13/2007 12:14 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 345 08/13/2007 12:16 0.0 0.0 0.0 346 08/13/2007 12:16 0.0 0.0 0.0 347 08/13/2007 12:18 0.0 0.0 0.0 348 08/13/2007 12:18 0.0 0.0 0.0 349 08/13/2007 12:19 0.0 0.0 0.0 0.0 349 08/13/2007 12:20 0.0 0.0 0.0 350 08/13/2007 12:21 0.0 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 353 08/13/2007 12:24 0.0 0.0 0.0 354 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	333	08/13/2007 12:04	0.0	0.0	0.0		
335 08/13/2007 12:06 0.0 0.0 0.0 0.0 336 08/13/2007 12:07 0.0 0.0 0.0 0.0 337 08/13/2007 12:08 0.0 0.0 0.0 0.0 338 08/13/2007 12:09 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 340 08/13/2007 12:11 0.0 0.0 0.0 0.0 341 08/13/2007 12:12 0.0 0.0 0.0 342 08/13/2007 12:13 0.0 0.0 0.0 343 08/13/2007 12:13 0.0 0.0 0.0 343 08/13/2007 12:14 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 345 08/13/2007 12:16 0.0 0.0 0.0 346 08/13/2007 12:16 0.0 0.0 0.0 347 08/13/2007 12:17 0.0 0.0 0.0 348 08/13/2007 12:18 0.0 0.0 0.0 349 08/13/2007 12:19 0.0 0.0 0.0 0.0 349 08/13/2007 12:20 0.0 0.0 0.0 0.0 350 08/13/2007 12:21 0.0 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 353 08/13/2007 12:24 0.0 0.0 0.0 354 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	334	08/13/2007 12:05	0.0	0.0	0.0		
336 08/13/2007 12:07 0.0 0.0 0.0 337 08/13/2007 12:08 0.0 0.0 0.0 0.0 338 08/13/2007 12:09 0.0 0.0 0.0 0.0 339 08/13/2007 12:10 0.0 0.0 0.0 0.0 340 08/13/2007 12:11 0.0 0.0 0.0 0.0 341 08/13/2007 12:12 0.0 0.0 0.0 0.0 342 08/13/2007 12:13 0.0 0.0 0.0 0.0 343 08/13/2007 12:14 0.0 0.0 0.0 0.0 344 08/13/2007 12:15 0.0 0.0 0.0 0.0 345 08/13/2007 12:16 0.0 0.0 0.0 0.0 345 08/13/2007 12:17 0.0 0.0 0.0 0.0 347 08/13/2007 12:18 0.0 0.0 0.0 0.0 349 08/13/2007 12:18 0.0 0.0 0.0 0.0 349 08/13/2007 12:19 0.0 0.0 0.0 0.0 349 08/13/2007 12:20 0.0 0.0 0.0 350 08/13/2007 12:21 0.0 0.0 0.0 0.0 351 08/13/2007 12:22 0.0 0.0 0.0 352 08/13/2007 12:23 0.0 0.0 0.0 353 08/13/2007 12:24 0.0 0.0 0.0 354 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 355 08/13/2007 12:25 0.0 0.0 0.0 0.0 0.0	335	08/13/2007 12:06	0.0				
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355 08/13/2007 12:26 0.0 0.0 0.0							
100 UX/13/2007 17/27 00 00 00							
357 08/13/2007 12:28 0.0 0.0 0.0	35/	08/13/2007 12:28	0.0	0.0	0.0		

358	08/13/2007 12:29	0.0	0.0	0.0
359	08/13/2007 12:30	0.0	0.0	0.0
360	08/13/2007 12:31	0.0	0.0	0.0
361	08/13/2007 12:32	0.0	0.0	0.0
362	08/13/2007 12:33	0.0	0.0	0.0
363	08/13/2007 12:34	0.0	0.0	0.0
364	08/13/2007 12:35	0.0	0.0	0.0
365	08/13/2007 12:36	0.0	0.0	0.0
366	08/13/2007 12:37	0.0	0.0	0.0
367	08/13/2007 12:38	0.0	0.0	0.0
368	08/13/2007 12:39	0.0	0.0	0.0
369	08/13/2007 12:40	0.0	0.0	0.0
370	08/13/2007 12:41	0.0	0.0	0.0
371	08/13/2007 12:42	0.0	0.0	0.0
372	08/13/2007 12:43	0.0	0.0	0.0
373	08/13/2007 12:44	0.0	0.0	0.0
374	08/13/2007 12:45	0.0	0.0	0.0
375	08/13/2007 12:46	0.0	0.0	0.0
376	08/13/2007 12:47	0.0	0.0	0.0
377	08/13/2007 12:48	0.0	0.0	0.0
378	08/13/2007 12:49	0.0	0.0	0.0
379	08/13/2007 12:50	0.0	0.0	0.0
380	08/13/2007 12:51	0.0	0.0	0.0
381	08/13/2007 12:52	0.0	0.0	0.0
382	08/13/2007 12:53	0.0	0.0	0.0
383	08/13/2007 12:54	0.0	0.0	0.0

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User ID: 00000001 Site ID: 00000006

Data Points: 484 Gas Name: Isobutylene

Last Calibration Time: 08/08/2007 11:54

Serial Number: 005453

Sample Period: 60 sec

Measurement Type:Min(ppm)Avg(ppm)Max(ppm)High Alarm Levels:100.0100.0100.0Low Alarm Levels:50.050.050.0

LOW A	Mailli Levels:			0.0	30.0
Line#	Date Time	Min(ppm)	Avg(ppm)) Max(pp	m)
1	08/13/2007 07:34		0.1	0.6	
2	08/13/2007 07:35		0.0	0.0	
3	08/13/2007 07:36		0.0	0.0	
4	08/13/2007 07:37	•	0.0	0.0	
5	08/13/2007 07:38		0.0	0.0	
6	08/13/2007 07:39		0.0	0.0	
7	08/13/2007 07:40	•	0.0	0.0	
8	08/13/2007 07:41		0.0	0.0	
9	08/13/2007 07:42		0.0	0.0	
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11	08/13/2007 07:44		0.0	0.0	
12	08/13/2007 07:45		0.0	0.0	
13	08/13/2007 07:46		0.0	0.0	
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15	08/13/2007 07:48		0.0	0.0	
16	08/13/2007 07:49		0.0	0.0	
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19	08/13/2007 07:52		0.4	1.1	
20	08/13/2007 07:53		1.0	1.6	,
21	08/13/2007 07:54		2.2	3.4	
22	08/13/2007 07:55		3.5	4.2	
23	08/13/2007 07:56		4.1	5.0	
24	08/13/2007 07:57		5.5	6.1	
25	08/13/2007 07:58		5.7	6.7	
26	08/13/2007 07:59		4.8	5.8	
27	08/13/2007 08:00		7.1	10.9	
28	08/13/2007 08:01		11.1	13.5	
29	08/13/2007 08:02		14.3	17.7	
30	08/13/2007 08:03		16.7	20.7	
31	08/13/2007 08:04		14.9	17.1	•
32	08/13/2007 08:05		10.2	15.4	
33	08/13/2007 08:06		7.0	9.3	•
34	08/13/2007 08:07		7.8	9.9	
35	08/13/2007 08:08		2.7	6.5	

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80	08/13/2007 08:52	0.0	0.0
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O I	00/13/2007 00.34	0.0	0.0

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82	08/13/2007 08:55	0.0	0.0
83	08/13/2007 08:56	0.0	0.0
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399	08/13/2007 14:12	0.0	0.0
400	08/13/2007 14:13	0.0	0.0
401	08/13/2007 14:14	0.0	0.0
402	08/13/2007 14:15	0.0	0.0
403	08/13/2007 14:16	0.0	0.0

•

404	08/13/2007 14:17	0.0	0.0
405	08/13/2007 14:18	0.0	0.0
406	08/13/2007 14:19	0.0	0.0
407	08/13/2007 14:20	0.0	0.0
408	08/13/2007 14:21	0.0	0.0
409	08/13/2007 14:22	0.0	0.0
410	08/13/2007 14:23	0.0	0.0
411	08/13/2007 14:24	0.0	0.0
412	08/13/2007 14:25	0.0	0.0
413	08/13/2007 14:26	0.0	0.0
414	08/13/2007 14:27	0.0	0.0
415	08/13/2007 14:28	0.0	0.0
416	08/13/2007 14:29	0.0	0.0
417	08/13/2007 14:30	0.0	0.0
418	08/13/2007 14:31	0.0	0.0
419	08/13/2007 14:32	0.0	0.0
420	08/13/2007 14:33	0.0	0.0
421	08/13/2007 14:34	0.0	0.0
422	08/13/2007 14:35	0.0	0.0
423	08/13/2007 14:36	0.0	0.0
424	08/13/2007 14:37	0.0	0.0
425	08/13/2007 14:38	0.0	0.0
426	08/13/2007 14:39	0.0	0.0
427	08/13/2007 14:40	0.0	0.0
428	08/13/2007 14:41	0.0	0.0
429	08/13/2007 14:42	0.0	0.0
430	08/13/2007 14:43	0.0	0.0
431	08/13/2007 14:44	0.0	0.0
432	08/13/2007 14:45	0.0	0.0
433	08/13/2007 14:46	0.0	0.0
434	08/13/2007 14:47	0.0	0.0
435	08/13/2007 14:48	0.0	0.0
436	08/13/2007 14:49	0.0	0.0
437	08/13/2007 14:50	0.0	0.0
438	08/13/2007 14:51	0.0	0.0
439	08/13/2007 14:52	0.0	0.0
440	08/13/2007 14:53	0.0	0.0
441	08/13/2007 14:54	0.0	0.0
442	08/13/2007 14:55	0.0	0.0
443	08/13/2007 14:56	0.0	0.0
444	08/13/2007 14:57	0.0	0.0
445	08/13/2007 14:58	0.0	0.0
446	08/13/2007 14:59	0.0	0.0
447	08/13/2007 15:00	0.0	0.0
448	08/13/2007 15:01	0.0	0.0
449	08/13/2007 15:02	0.0	0.0

450	08/13/2007 15:03	0.0	0.0			
450	08/13/2007 15:04	0.0	0.0			
451	08/13/2007 15:05	0.0				
452	08/13/2007 15:06	0.0	0.0			
			0.0	à.		
454 455	08/13/2007 15:07	0.0	0.0		•	
455	08/13/2007 15:08	0.0	0.0			
456	08/13/2007 15:09	0.0	0.0			
457	08/13/2007 15:10	0.0	0.0			
458	08/13/2007 15:11	0.0	0.0			
459	08/13/2007 15:12	0.0	0.0			
460	08/13/2007 15:13	0.0	0.0			
461	08/13/2007 15:14	0.0	0.0			
462	08/13/2007 15:15	0.0	0.0			
463	08/13/2007 15:16	0.0	0.0			
464	08/13/2007 15:17	0.0	0.0			
465	08/13/2007 15:18	0.0	0.0			
466	08/13/2007 15:19	0.0	0.0			
467	08/13/2007 15:20	0.0	0.0			
468	08/13/2007 15:21	0.0	0.0			
469	08/13/2007 15:22	0.0	0.0			
470	08/13/2007 15:23	0.0	0.0			
471	08/13/2007 15:24	0.0	0.0			
472	08/13/2007 15:25	0.0	0.0			
473	08/13/2007 15:26	0.0	0.0			
474	08/13/2007 15:27	0.0	0.0			
475	08/13/2007 15:28	0.0	0.0			
476	08/13/2007 15:29	0.0	0.0			
477	08/13/2007 15:30	0.0	0.0			
478	08/13/2007 15:31	0.0	0.0			
479	08/13/2007 15:32	0.0	0.0			
480	08/13/2007 15:33	0.0	0.0			
481	08/13/2007 15:34	0.0	0.0			
482	08/13/2007 15:35	0.0	0.0			
483	08/13/2007 15:36	0.0	0.0			
484	08/13/2007 15:37	0.0	0.0			

User ID: 00000001 Sit

Site ID: 00000485

Data Points: 33 Gas

Gas Name: Isobutylene

Last Calibration Time: 08/08/2007 09:55

Serial Number: 010364

Sample Period: 900 sec

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

Low Alaim Levels.		30.0		.0 30.0
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	08/13/2007 06:31		0.0	0.0
2	08/13/2007 06:46		0.0	0.0
3	08/13/2007 07:01	•	0.0	0.0
4	08/13/2007 07:16		0.0	0.0
5	08/13/2007 07:31		0.0	0.0
6	08/13/2007 07:46		0.0	0.0
7	08/13/2007 08:01		0.0	0.0
8	08/13/2007 08:16		0.0	0.0
9	08/13/2007 08:31		0.0	0.0
10	08/13/2007 08:46		0.0	0.0
11	08/13/2007 09:01		0.0	0.0
12	08/13/2007 09:16		0.0	0.0
13	08/13/2007 09:31		0.0	0.0
14	08/13/2007 09:46		0.0	0.0
15	08/13/2007 10:01		0.0	0.0
16	08/13/2007 10:16		0.0	0.0
17	08/13/2007 10:31		0.0	0.0
18	08/13/2007 10:46		0.0	0.0
19	08/13/2007 11:01		0.0	0.0
20	08/13/2007 11:16		0.0	0.0
21	08/13/2007 11:31		0.0	0.0
22	08/13/2007 11:46		0.0	0.0
23	08/13/2007 12:01		0.0	0.0
24	08/13/2007 12:16		0.0	0.0
25	08/13/2007 12:31		0.0	0.0
26	08/13/2007 12:46		0.0	0.0
27	08/13/2007 13:01		0.0	0.0
28	08/13/2007 13:16		0.0	0.0
29	08/13/2007 13:31		0.0	0.0
30	08/13/2007 13:46		0.0	0.0
31	08/13/2007 14:01		0.0	0.0
32	08/13/2007 14:16		0.0	0.0
33	08/13/2007 14:31		0.0	0.0

User ID: 00000001 Site ID: 00000286

Data Points: 519 Gas Name: Isobutylene

Last Calibration Time: 08/08/2007 11:45

Serial Number: 009432

Sample Period: 60 sec

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

Tariff Ecvels.	50.0	, 50.0		
Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
08/13/2007 07:32	0.0	0.0	0.0	
08/13/2007 07:33	0.0	0.0	0.0	
08/13/2007 07:34	0.0	0.0	0.0	
08/13/2007 07:35	0.0	0.0	0.0	
08/13/2007 07:36	0.0	0.0	0.0	
08/13/2007 07:37	0.0	0.0	0.0	
08/13/2007 07:38	0.0	0.0	0.0	
08/13/2007 07:39	0.0	0.0	0.0	
	0.0	0.0	0.0	
08/13/2007 07:44	0.0	0.0	0.0	
			The state of the s	
	0.0	0.0	0.0	
	0.0	0.0	0.0	
		0.0	0.0	
		0.0	0.0	
	0.0	0.0	0.0	
08/13/2007 08:03	0.0	0.0	0.0	
08/13/2007 08:04	0.0	0.0	0.0	
08/13/2007 08:05	0.0	0:0	0.0	
08/13/2007 08:06	0.0	0.0	0.0	
	08/13/2007 07:32 08/13/2007 07:33 08/13/2007 07:34 08/13/2007 07:35 08/13/2007 07:36 08/13/2007 07:37 08/13/2007 07:39 08/13/2007 07:40 08/13/2007 07:41 08/13/2007 07:42 08/13/2007 07:43 08/13/2007 07:43 08/13/2007 07:45 08/13/2007 07:45 08/13/2007 07:45 08/13/2007 07:47 08/13/2007 07:47 08/13/2007 07:47 08/13/2007 07:50 08/13/2007 07:50 08/13/2007 07:51 08/13/2007 07:52 08/13/2007 07:52 08/13/2007 07:55 08/13/2007 07:55 08/13/2007 07:56 08/13/2007 07:56 08/13/2007 07:57 08/13/2007 07:58 08/13/2007 07:59 08/13/2007 07:59 08/13/2007 08:00 08/13/2007 08:01 08/13/2007 08:02 08/13/2007 08:03 08/13/2007 08:03 08/13/2007 08:03 08/13/2007 08:03	08/13/2007 07:32	08/13/2007 07:32	08/13/2007 07:32

	36	08/13/2007 08:07	0.0	0.0	0.0	
	37	08/13/2007 08:08	0.0	0.0	0.0	
	38	08/13/2007 08:09	0.0	0.0	0.0	
	39	08/13/2007 08:10	0.0	0.0	0.0	
	40	08/13/2007 08:11	0.0	0.0	0.0	
	41	08/13/2007 08:12	0.0	0.0	0.0	
	42	08/13/2007 08:13	0.0	0.0	0.0	
	43	08/13/2007 08:14	0.0	0.0	0.0	
	44	08/13/2007 08:15	0.0	0.0	0.0	
	45	08/13/2007 08:16	0.0	0.0	0.0	
	46	08/13/2007 08:17	0.0	0.0	0.0	
	47	08/13/2007 08:18	0.0	0.0	0.0	
	48	08/13/2007 08:19	0.0	0.0	0.0	
	49	08/13/2007 08:20	0.0	0.0	0.0	
	50	08/13/2007 08:21	0.0	0.0	0.0	
	51	08/13/2007 08:22	0.0	0.0	0.0	
	52	08/13/2007 08:23	0.0	0.0	0.0	
	53	08/13/2007 08:24	0.0	0.0	0.0	
	54	08/13/2007 08:25	0.0	0.0	0.0	
	55	08/13/2007 08:26	0.0	0.0	0.0	
	56	08/13/2007 08:27	0.0	0.0	0.0	•
	57	08/13/2007 08:28	0.0	0.0	0.0	
	58	08/13/2007 08:29	0.0	0.0	0.0	
	59	08/13/2007 08:30	0.0	0.0	0.0	
	60	08/13/2007 08:31	0.0	0.0	0.0	
	61	08/13/2007 08:32	0.0	0.0	0.0	
	62	08/13/2007 08:33	0.0	0.0	0.0	
	63	08/13/2007 08:34	0.0	0.0	0.0	
	64	08/13/2007 08:35	0.0	0.0	0.0	
	65	08/13/2007 08:36	0.0	0.0	0.0	
	66	08/13/2007 08:37	0.0	0.0	0.0	
	67	08/13/2007 08:38	0.0	0.0	0.0	
	68	08/13/2007 08:39	0.0	0.0	0.0	
	69	08/13/2007 08:40	0.0	0.0	0.0	
	70	08/13/2007 08:41	0.0	0.0	0.0	
	71	08/13/2007 08:42	0.0	0.0	0.0	
	72	08/13/2007 08:43	0.0	0.0	0.0	
	73	08/13/2007 08:44	0.0	0.0	0.0	
	74	08/13/2007 08:45	0.0	0.0	0.0	
	75	08/13/2007 08:46	0.0	0.0	0.0	
	76	08/13/2007 08:47	0.0	0.0	0.0	
·	77	08/13/2007 08:48	0.0	0.0	0.0	
	78	08/13/2007 08:49	0.0	0.0	0.0	
	79	08/13/2007 08:50	0.0	0.0	0.0	
	80	08/13/2007 08:51	0.0	0.0	0.0	
	81	08/13/2007 08:52	0.0	0.0	0.0	

	82	08/13/2007 08:53	0.0	0.0	0.0	
	83	08/13/2007 08:54	0.0	0.0	0.0	
	84	08/13/2007 08:55	0.0	0.0	0.0	
-	85	08/13/2007 08:56	0.0	0.0	0.0	
	86	08/13/2007 08:57	0.0	0.0	0.0	
	87	08/13/2007 08:58	0.0	0.0	0.0	
	88	08/13/2007 08:59	0.0	0.0	0.0	
	89	08/13/2007 09:00	0.0	0.0	0.0	
	90	08/13/2007 09:01	0.0	0.0	0.0	
	91	08/13/2007 09:02	0.0	0.0	0.0	
	92	08/13/2007 09:03	0.0	0.0	0.0	
	93	08/13/2007-09:04	0.0	0.0	0.0	
•	94	08/13/2007 09:05	0.0	0.0	0.0	
	95	08/13/2007 09:06	0.0	0.0	0.0	
	96	08/13/2007 09:07	0.0	0.0	0.0	
	97	08/13/2007 09:08	0.0	0.0	0.0	
	98	08/13/2007 09:09	0.0	0.0	0.0	
	99	08/13/2007 09:10	0.0	0.0	0.0	
	100	08/13/2007 09:11	0.0	0.0	0.0	
	101	08/13/2007 09:12	0.0	0.0	0.0	
	102	08/13/2007 09:13	0.0	0.0	0.0	
	103	08/13/2007 09:14	0.0	0.0	0.0	
	104	08/13/2007 09:15	0.0	0.0	0.0	
	105	08/13/2007 09:16	0.0	0.0	0.0	
	106	08/13/2007 09:17	0.0	0.0	0.0	
	107	08/13/2007 09:18	0.0	0.0	0.0	
	108	08/13/2007 09:19	0.0	0.0	0.0	
	109	08/13/2007 09:20	0.0	0.0	0.0	
	110	08/13/2007 09:21	0.0	0.0	0.0	
	111	08/13/2007 09:22	0.0	0.0	0.0	•
	112	08/13/2007 09:23	0.0	0.0	0.0	
	113	08/13/2007 09:24	0.0	0.0	0.0	
	114	08/13/2007 09:25	0.0	0.0	0.0	
	115	08/13/2007 09:26	0.0	0.0	0.0	
	116	08/13/2007 09:27	0.0	0.0	0.0	
	117	08/13/2007 09:28	0.0	0.0	0.0	
	118	08/13/2007 09:29	0.0	0.0	0.0	
	119	08/13/2007 09:30	0.0	0.0	0.0	
	120	08/13/2007 09:31	0.0	0.0	0.0	
	121	08/13/2007 09:32	0.0	0.0	0.0	
	122	08/13/2007 09:33	0.0	0.0	0.0	
	123	08/13/2007 09:34	0.0	0.0	0.0	
	124	08/13/2007 09:35	0.0	0.0	0.0	
	125	08/13/2007 09:36	0.0	0.0	0.0	
	126	08/13/2007 09:37	0.0	0.0	0.0	
	127	08/13/2007 09:38	0.0	0.0	0.0	

128	08/13/2007 09:39	0.0	0.0	0.0
129	08/13/2007 09:40	0.0	0.0	0.0
130	08/13/2007 09:41	0.0	0.0	0.0
131	08/13/2007 09:42	0.0	0.0	0.0
132	08/13/2007 09:43	0.0	0.0	0.0
133	08/13/2007 09:44	0.0	0.0	0.0
134	08/13/2007 09:45	0.0	0.0	0.0
135	08/13/2007 09:46	0.0	0.0	0.0
136	08/13/2007 09:47	0.0	0.0	0.0
137	08/13/2007 09:48	0.0	0.0	0.0
138	08/13/2007 09:49	0.0	0.0	0.0
139	08/13/2007 09:50	0.0	0.0	0.0
140	08/13/2007 09:51	0.0	0.0	0.0
141	08/13/2007 09:52	0.0	0.0	0.0
142	08/13/2007 09:53	0.0	0.0	0.0
143	08/13/2007 09:54	0.0	0.0	0.0
144	08/13/2007 09:55	0.0	0.0	0.0
145	08/13/2007 09:56	0.0	0.0	0.0
146	08/13/2007 09:57	0.0	0.0	0.0
147	08/13/2007 09:58	0.0	0.0	0.0
148	08/13/2007 09:59	0.0	0.0	0.0
149	08/13/2007 10:00	0.0	0.0	0.0
150	08/13/2007 10:01	0.0	0.0	0.0
151	08/13/2007 10:02	0.0	0.0	0.0
152	08/13/2007 10:03	0.0	0.0	0.0
153	08/13/2007 10:04	0.0	0.0	0.0
154	08/13/2007 10:05	0.0	0.0	0.0
155	08/13/2007 10:06	0.0	0.0	0.0
156	08/13/2007 10:07	0.0	0.0	0.0
157	08/13/2007 10:08	0.0	0.0	0.0
158	08/13/2007 10:09	0.0	0.0	0.0
159	08/13/2007 10:10	0.0	0.0	0.0
160	08/13/2007 10:11	0.0	0.0	0.0
161	08/13/2007 10:12	0.0	0.0	0.0
162	08/13/2007 10:13	0.0	0.0	0.0
163	08/13/2007 10:14	0.0	0.0	0.0
164	08/13/2007 10:15	0.0	0.0	0.0
165	08/13/2007 10:16	0.0	0.0	0.0
166	08/13/2007 10:17	0.0	0.0	0.0
167	08/13/2007 10:18	0.0	0.0	0.0
168	08/13/2007 10:19	0.0	0.0	0.0
169	08/13/2007 10:20	0.0	0.0	0.0
170	08/13/2007 10:21	0.0	0.0	0.0
171	08/13/2007 10:22	0.0	0.0	0.0
172	08/13/2007 10:23	0.0	0.0	0.0
173	08/13/2007 10:24	0.0	0.0	0.0

174	08/13/2007 10:25	0.0	0.0	0.0	
175	08/13/2007 10:26	0.0	0.0	0.0	
176	08/13/2007 10:27	0.0	0.0	0.0	
177	08/13/2007 10:28	0.0	0.0	0.0	
178	08/13/2007 10:29	0.0	0.0	0.0	•
179	08/13/2007 10:30	0.0	0.0	0.0	
180	08/13/2007 10:31	0.0	0.0	0.0	
181	08/13/2007 10:32	0.0	0.0	0.0	
182	08/13/2007 10:33	0.0	0.0	0.0	
183	08/13/2007 10:34	0.0	0.0	0.0	
184	08/13/2007 10:35	0.0	0.0	0.0	
185	08/13/2007 10:36	0.0	0.0	0.0	
186	08/13/2007 10:37	0.0	0.0	0.0	
187	08/13/2007 10:38	0.0	0.0	0.0	
188	08/13/2007 10:39	0.0	0.0	0.0	
189	08/13/2007 10:40	0.0	0.0	0.0	
190	08/13/2007 10:41	0.0	0.0	0.0	
191	08/13/2007 10:42	0.0	0.0	0.0	
192	08/13/2007 10:43	0.0	0.0	0.0	
193	08/13/2007 10:44	0.0	0.0	0.0	
194	08/13/2007 10:45	0.0	0.0	0.0	
195	08/13/2007 10:46	0.0	0.0	0.0	
196	08/13/2007 10:47	0.0	0.0	0.0	
197	08/13/2007 10:47	0.0	0.0	0.0	
198	08/13/2007 10:48	0.0	0.0	0.0	
199	08/13/2007 10:49	0.0	0.0	0.0	
200	08/13/2007 10:50	0.0	0.0	0.0	
201	08/13/2007 10:51	0.0	0.0	0.0	
202	08/13/2007 10:52	0.0	0.0	0.0	
203	08/13/2007 10:53	0.0	0.0	0.0	
204	08/13/2007 10:54	0.0	0.0	0.0	
205	08/13/2007 10:56	0.0	0.0	0.0	
206	08/13/2007 10:57	0.0	0.0	0.0	
207	08/13/2007 10:57	0.0	0.0	0.0	
208	08/13/2007 10:59	0.0	0.0	0.0	
209	08/13/2007 10:99	0.0	0.0	0.0	
210	08/13/2007 11:00	0.0	0.0	0.0	
211	08/13/2007 11:01	0.0	0.0	0.0	
212	08/13/2007 11:02	0.0	0.0	0.0	
213	08/13/2007 11:03	0.0	0.0	0.0	
214	08/13/2007 11:04	0.0	0.0	0.0	
214	08/13/2007 11:05	0.0	0.0	0.0	
216	08/13/2007 11:07	0.0	0.0	0.0	
217	08/13/2007 11:07	0.0	0.0	0.0	
217	08/13/2007 11:09	0.0	0.0	0.0	
219	08/13/2007 11:10	0.0	0.0	0.0	
217	00/13/200/ 11.10	0.0	0.0	0.0	

	220	08/13/2007 11:11	0.0	0.0	0.0		
	221	08/13/2007 11:12	0.0	0.0	0.0		
	222	08/13/2007 11:13	0.0	0.0	0.0		
	223	08/13/2007 11:14	0.0	0.0	0.0		
	224	08/13/2007 11:15	0.0	0.0	0.0		
•	225	08/13/2007 11:16	0.0	0.0	0.0		
	226	08/13/2007 11:17	0.0	0.0	0.0		
	227	08/13/2007 11:18	0.0	0.0	0.0		
	228	08/13/2007 11:19	0.0	0.0	0.0		
	229	08/13/2007 11:20	0.0	0.0	0.0		
	230	08/13/2007 11:21	0.0	0.0	0.0		
	231	08/13/2007 11:22	0.0	0.0	0.0		
	232	08/13/2007 11:23	0.0	0.0	0.0		
	233	08/13/2007 11:24	0.0	0.0	0.0		
	234	08/13/2007 11:25	0.0	0.0	0.0		•
	235	08/13/2007 11:26	0.0	0.0	0.0		
	236	08/13/2007 11:27	0.0	0.0	0.0		
	237	08/13/2007 11:28	0.0	0.0	0.0		
	238	08/13/2007 11:29	0.0	0.0	0.0		
	239	08/13/2007 11:30	0.0	0.0	0.0		
	240	08/13/2007 11:31	0.0	0.0	0.0		
	241	08/13/2007 11:32	0.0	0.0	0.0		
	242	08/13/2007 11:33	0.0	0.0	0.0		
•	243	08/13/2007 11:34	0.0	0.0	0.0		
	244	08/13/2007 11:35	0.0	0.0	0.0		
	245	08/13/2007 11:36	0.0	0.0	0.0	•	
	246	08/13/2007 11:37	0.0	0.0	0.0		
	247	08/13/2007 11:38	0.0	0.0	0.0		
	248	08/13/2007 11:39	0.0	0.0	0.0		
	249	08/13/2007 11:40	0.0	0.0	0.0		
,	250	08/13/2007 11:41	0.0	. 0.0	0.0		
	251	08/13/2007 11:42	0.0	0.0	0.0		
	252	08/13/2007 11:43	0.0	0.0	0.0		
	253	08/13/2007 11:44	0.0	0.0	0.0		
	254	08/13/2007 11:45	0.0	0.0	0.0		
	255	08/13/2007 11:46	0.0	0.0	0.0		
	256	08/13/2007 11:47	0.0	0.0	0.0		
	257	08/13/2007 11:48	0.0	0.0	0.0	•	
	258	08/13/2007 11:49	0.0	0.0	0.0		
	259	08/13/2007 11:50	0.0	0.0	0.0		
	260	08/13/2007 11:51	0.0	0.0	0.0		
•	261	08/13/2007 11:52	0.0	0.0	0.0		
	262	08/13/2007 11:53	0.0	0.0	0.0		
	263	08/13/2007 11:54	0.0	0.0	0.0		
	264	08/13/2007 11:55	0.0	0.0	0.0		
	265	08/13/2007 11:56	0.0	0.0	0.0		

266	08/13/2007 11:57	0.0	0.0	0.0	
267	08/13/2007 11:58	0.0	0.0	0.0	
268	08/13/2007 11:59	0.0	0.0	0.0	
269	08/13/2007 12:00	0.0	0.0	0.0	
270	08/13/2007 12:01	0.0	0.0	0.0	
271	08/13/2007 12:02	0.0	0.0	0.0	
272	08/13/2007 12:03	0.0	0.0	0.0	•
273	08/13/2007 12:04	0.0	0.0	0.0	•
274	08/13/2007 12:05	0.0	0.0	0.0	
275	08/13/2007 12:06	0.0	0.0	0.0	
276	08/13/2007 12:07	0.0	0.0	0.0	
277	08/13/2007 12:08	0.0	0.0	0.0	
278	08/13/2007 12:09	0.0	0.0	0.0	
279	08/13/2007 12:10	0.0	0.0	0.0	
280	08/13/2007 12:11	0.0	0.0	0.0	
281	08/13/2007 12:12	0.0	0.0	0.0	
282	08/13/2007 12:13	0.0	0.0	0.0	
283	08/13/2007 12:14	0.0	0.0	0.0	
284	08/13/2007 12:15	0.0	0.0	0.0	
285	08/13/2007 12:16	0.0	0.0	0.0	
286	08/13/2007 12:17	0.0	0.0	0.0	
287	08/13/2007 12:18	0.0	0.0	0.0	
288	08/13/2007 12:19	0.0	0.0	0.0	
289	08/13/2007 12:20	0.0	0.0	0.0	
290	08/13/2007 12:21	0.0	0.0	0.0	
291	08/13/2007 12:22	0.0	0.0	0.0	
292	08/13/2007 12:23	0.0	0.0	0.0	
293	08/13/2007 12:24	0.0	0.0	0.0	
294	08/13/2007 12:25	0.0	0.0	0.0	
295	08/13/2007 12:26	0.0	0.0	0.0	
296	08/13/2007 12:27	0.0	0.0	0.0	
297	08/13/2007 12:28	0.0	0.0	0.0	
298	08/13/2007 12:29	0.0	0.0	0.0	
299	08/13/2007 12:30	0.0	0.0	0.0	
300	08/13/2007 12:31	0.0	0.0	0.0	•
301	08/13/2007 12:32	0.0	0.0	0.0	
302	08/13/2007 12:33	0.0	0.0	0.0	
303	08/13/2007 12:34	0.0	0.0	0.0	
304	08/13/2007 12:35	0.0	0.0	0.0	
305	08/13/2007 12:36	0.0	0.0	0.0	
306	08/13/2007 12:37	0.0	0.0	0.0	
307	08/13/2007 12:38	0.0	0.0	0.0	
308	08/13/2007 12:39	0.0	0.0	0.0	
309	08/13/2007 12:40	0.0	0.0	0.0	
310	08/13/2007 12:41	0.0	. 0.0	0.0	
311	08/13/2007 12:42	0.0	0.0	0.0	

312	08/13/2007 12:43	0.0	0.0	0.0	
313	08/13/2007 12:44	0.0	0.0	0.0	
314	08/13/2007 12:45	0.0	0.0	0.0	
315	08/13/2007 12:46	0.0	0.0	0.0	
316	08/13/2007 12:47	0.0	0.0	0.0	
317	08/13/2007 12:47	0.0	0.0	0.0	
318	08/13/2007 12:49	0.0	0.0	0.0	
319	08/13/2007 12:49	0.0	0.0	0.0	
320	08/13/2007 12:51	0.0	0.0	0.0	
321	08/13/2007 12:51	0.0	0.0	0.0	
322	08/13/2007 12:53	0.0	0.0	0.0	
323	08/13/2007 12:54	0.0	0.0	0.0	
323	08/13/2007 12:55	0.0	0.0	0.0	
325	08/13/2007 12:56	0.0	0.0	0.0	
326	08/13/2007 12:57	0.0		0.0	
			0.0		
327	08/13/2007 12:58	0.0	0.0	0.0	
328	08/13/2007 12:59	0.0	0.0	0.0	
329	08/13/2007 13:00	0.0	0.0	0.0	
330	08/13/2007 13:01	0.0	0.0	0.0	
331	08/13/2007 13:02	0.0	0.0	0.0	
332	08/13/2007 13:03	0.0	0.0	0.0	
333	08/13/2007 13:04	0.0	0.0	0.0	
334	08/13/2007 13:05	0.0	0.0	0.0	
335	08/13/2007 13:06	0.0	0.0	0.0	
336	08/13/2007 13:07	0.0	0.0	0.0	
337	08/13/2007 13:08	0.0	0.0	0.0	
338	08/13/2007 13:09	0.0	0.0	0.0	
339	08/13/2007 13:10	0.0	0.0	0.0	
340	08/13/2007 13:11	0.0	0.0	0.0	
341	08/13/2007 13:12	0.0	0.0	0.0	
342	08/13/2007 13:13	0.0	0.0	0.0	
343	08/13/2007 13:14	0.0	0.0	0.0	
344	08/13/2007 13:15	0.0	0.0	0.0	
345	08/13/2007 13:16	0.0	0.0	0.0	
346	08/13/2007 13:17	0.0	0.0	0.0	•
347	08/13/2007 13:18	0.0	0.0	0.0	
348	08/13/2007 13:19	0.0	0.0	0.0	
349	08/13/2007 13:20	0.0	0.0	0.0	
350	08/13/2007 13:21	0.0	0.0	0.0	
351	08/13/2007 13:22	0.0	0.0	0.0	
352	08/13/2007 13:23	0.0	0.0	0.0	
353	08/13/2007 13:24	0.0	0.0	0.0	
354	08/13/2007 13:25	0.0	0.0	0.0	
355	08/13/2007 13:26	0.0	0.0	0.0	
356	08/13/2007 13:27	0.0	0.0	0.0	
357	08/13/2007 13:28	0.0	0.0	0.0	

358	08/13/2007 13:29	0.0	0.0	0.0
359	08/13/2007 13:30	0.0	0.0	0.0
360	08/13/2007 13:31	0.0	0.0	0.0
361	08/13/2007 13:32	0.0	0.0	0.0
362	08/13/2007 13:33	0.0	0.0	0.0
363	08/13/2007 13:34	0.0	0.0	0.0
364	08/13/2007 13:35	0.0	0.0	0.0
365	08/13/2007 13:36	0.0	0.0	0.0
366	08/13/2007 13:37	0.0	0.0	0.0
367	08/13/2007 13:38	0.0	0.0	0.0
368	08/13/2007 13:39	0.0	0.0	0.0
369	08/13/2007 13:40	0.0	0.0	0.0
370	08/13/2007 13:41	0.0	0.0	0.0
371	08/13/2007 13:42	0.0	0.0	0.0
372	08/13/2007 13:43	0.0	0.0	0.0
373	08/13/2007 13:44	0.0	0.0	0.0
374	08/13/2007 13:45	0.0	0.0	0.0
375	08/13/2007 13:46	0.0	0.0	0.0
376	08/13/2007 13:47	0.0	0.0	0.0
377	08/13/2007 13:48	0.0	0.0	0.0
378	08/13/2007 13:49	0.0	0.0	0.0
379	08/13/2007 13:50	0.0	0.0	0.0
380	08/13/2007 13:51	0.0	0.0	0.0
381	08/13/2007 13:52	0.0	0.0	0.0
382	08/13/2007 13:53	0.0	0.0	0.0
383	08/13/2007 13:54	0.0	0.0	0.0
384	08/13/2007 13:55	0.0	0.0	0.0
385	08/13/2007 13:56	0.0	0.0	0.0
386	08/13/2007 13:57	0.0	0.0	0.0
387	08/13/2007 13:58	0.0	0.0	0.0
388	08/13/2007 13:59	0.0	0.0	0.0
389	08/13/2007 14:00	0.0	0.0	0.0
390	08/13/2007 14:01	0.0	0.0	0.0
391	08/13/2007 14:02	0.0	0.0	0.0
392	08/13/2007 14:03	0.0	0.0	0.0
393	08/13/2007 14:04	0.0	0.0	0.0
394	08/13/2007 14:05	0.0	0.0	0.0
395	08/13/2007 14:06	0.0	0.0	0.0
396	08/13/2007 14:07	0.0	0.0	0.0
397	08/13/2007 14:08	0.0	0.0	0.0
398	08/13/2007 14:09	0.0	0.0	0.0
399	08/13/2007 14:10	0.0	0.0	0.0
400	08/13/2007 14:11	0.0	0.0	0.0
401	08/13/2007 14:12	0.0	0.0	0.0
402	08/13/2007 14:13	0.0	0.0	0.0
403	08/13/2007 14:14	0.0	0.0	0.0

404	08/13/2007 14:15	0.0	0.0	0.0
405	08/13/2007 14:16	0.0	0.0	0.0
406	08/13/2007 14:17	0.0	0.0	0.0
407	08/13/2007 14:18	0.0	0.0	0.0
408	08/13/2007 14:19	0.0	0.0	0.0
409	08/13/2007 14:20	0.0	0.0	0.0
410	08/13/2007 14:21	0.0	0.0	0.0
411	08/13/2007 14:22	0.0	0.0	0.0
412	08/13/2007 14:23	0.0	0.0	0.0
413	08/13/2007 14:24	0.0	0.0	0.0
414	08/13/2007 14:25	0.0	0.0	0.0
415	08/13/2007 14:26	0.0	0.0	0.0
416	08/13/2007 14:27	0.0	0.0	0.0
417	08/13/2007 14:28	0.0	0.0	0.0
418	08/13/2007 14:29	0.0	0.0	0.0
419	08/13/2007 14:30	0.0	0.0	0.0
420	08/13/2007 14:31	0.0	0.0	0.0
421	08/13/2007 14:31	0.0	0.0	0.0
422	08/13/2007 14:32	0.0	0.0	0.0
423	08/13/2007 14:34	0.0	0.0	0.0
424	08/13/2007 14:35	0.0	0.0	0.0
425	08/13/2007 14:36	0.0	0.0	0.0
426	08/13/2007 14:37	0.0	0.0	0.0
427	08/13/2007 14:38	0.0	0.0	0.0
428	08/13/2007 14:39	0.0	0.0	0.0
429	08/13/2007 14:39	0.0	0.0	0.0
430	08/13/2007 14:40	0.0	0.0	0.0
431	08/13/2007 14:41	0.0	0.0	0.0
432	08/13/2007 14:42	0.0	0.0	0.0
433	08/13/2007 14:44	0.0	0.0	0.0
434	08/13/2007 14:45	0.0	0.0	0.0
435	08/13/2007 14:46	0.0	0.0	0.0
436		0.0	0.0	0.0
437	08/13/2007 14:48	0.0	0.0	0.0
438	08/13/2007 14:49	0.0	0.0	0.0
439	08/13/2007 14:50	0.0	0.0	0.0
440	08/13/2007 14:51	0.0	0.0	0.0
441	08/13/2007 14:51	0.0	0.0	0.0
442	08/13/2007 14:52	0.0	0.0	0.0
443	08/13/2007 14:54	0.0	0.0	0.0
444	08/13/2007 14:55	0.0	0.0	0.0
445	08/13/2007 14:56	0.0	0.0	0.0
446	08/13/2007 14:57	0.0	0.0	0.0
440 447	08/13/2007 14:58	0.0	0.0	0.0
447 448				
	08/13/2007 14:59	. 0.0	0.0	0.0
449	08/13/2007 15:00	0.0	0.0	0.0

450	08/13/2007 15:01	0.0	0.0	0.0		
451	08/13/2007 15:02	0.0	0.0	0.0		
452	08/13/2007 15:03	0.0	0.0	0.0		
453	08/13/2007 15:04	0.0	0.0	0.0		
454	08/13/2007 15:05	0.0	0.0	0.0		
455	08/13/2007 15:06	0.0	0.0	0.0		
456	08/13/2007 15:07	0.0	0.0	0.0		
457	08/13/2007 15:08	0.0	0.0	0.0		
458	08/13/2007 15:09	0.0	0.0	0.0		
459	08/13/2007 15:10	0.0	0.0	0.0		
460	08/13/2007 15:11	0.0	0.0	0.0		
461	08/13/2007 15:12	0.0	0.0	0.0		
462	08/13/2007 15:13	0.0	0.0	0.0		
463	08/13/2007 15:14	0.0	0.0	0.0		
464	08/13/2007 15:15	0.0	0.0	0.0		
465	08/13/2007 15:16	0.0	0.0	0.0		
466	08/13/2007 15:17	0.0	0.0	0.0		
467	08/13/2007 15:17	0.0	0.0	0.0		
468	08/13/2007 15:19	0.0	0.0	0.0		
469	08/13/2007 15:20	0.0	0.0	0.0		
470	08/13/2007 15:21	0.0	0.0	0.0		
471	08/13/2007 15:22	0.0	0.0	0.0		
472	08/13/2007 15:23	0.0	0.0	0.0		•
473	08/13/2007 15:24	0.0	0.0	0.0		
474	08/13/2007 15:25	0.0	0.0	0.0		
475	08/13/2007 15:26	0.0	0.0	0.0		
476	08/13/2007 15:27	0.0	0.0	0.0		
477	08/13/2007 15:28	0.0	0.0	0.0		
478	08/13/2007 15:29	0.0	0.0	0.0		
479	08/13/2007 15:30	0.0	0.0	0.0		
480	08/13/2007 15:31	0.0	0.0	0.0		
481	08/13/2007 15:32	0.0	0.0	0.0		
482	08/13/2007 15:33	0.0	0.0	0.0		
483	08/13/2007 15:34	0.0	0.0	0.0	:	
484	08/13/2007 15:35	0.0	0.0	0.0		
485	08/13/2007 15:36	0.0	0.0	0.0		
486	08/13/2007 15:37	0.0	0.0	0.0		
487	08/13/2007 15:38	0.0	0.0	0.0		
488	08/13/2007 15:39	0.0	0.0	0.0		
489	08/13/2007 15:40	0.0	0.0	0.0		
490	08/13/2007 15:41	0.0	0.0	0.0		
491	08/13/2007 15:42	0.0	0.0	0.0		
492	08/13/2007 15:43	0.0	0.0	0.0		
493	08/13/2007 15:44	0.0	0.0	0.0		
494	08/13/2007 15:45	0.0	0.0	0.0		
495	08/13/2007 15:46	0.0	0.0	0.0		
			J.0			

496	08/13/2007 15:47	0.0	0.0	0.0	
497	08/13/2007 15:48	0.0	0.0	0.0	
498	08/13/2007 15:49	0.0	0.0	0.0	
499	08/13/2007 15:50	0.0	0.0	0.0	
500	08/13/2007 15:51	0.0	0.0	0.0	
501	08/13/2007 15:52	0.0	0.0	0.0	
502	08/13/2007 15:53	0.0	0.0	0.0	•
503	08/13/2007 15:54	0.0	0.0	0.0	
504	08/13/2007 15:55	0.0	0.0	0.0	
505	08/13/2007 15:56	0.0	0.0	0.0	
506	08/13/2007 15:57	0.0	0.0	0.0	
507	08/13/2007 15:58	0.0	0.0	0.0	
508	08/13/2007 15:59	0.0	0.0	0.0	
509	08/13/2007 16:00	0.0	0.0	0.0	
510	08/13/2007 16:01	0.0	0.0	0.0	
511	08/13/2007 16:02	0.0	0.0	0.0	
512	08/13/2007 16:03	0.0	0.0	0.0	
513	08/13/2007 16:04	0.0	0.0	0.0	
514	08/13/2007 16:05	0.0	0.0	0.0	
515	08/13/2007 16:06	0.0	0.0	0.0	
516	08/13/2007 16:07	0.0	0.0	0.0	
517	08/13/2007 16:08	0.0	0.0	0.0	
518	08/13/2007 16:09	0.0	0.0	0.0	
519	08/13/2007 16:10	0.0	0.0	0.0	
*					

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User ID: 00000000 Site ID: 00000305

Data Points: 518 Gas Name: Isobutylene

Last Calibration Time: 08/14/2007 06:37

3

Serial Number: 005550

Sample Period: 60 sec

Measurement Type:Min(ppm)Avg(ppm)Max(ppm)High Alarm Levels:100.0100.0100.0Low Alarm Levels:50.050.050.0

LOW Marin Levels.		50.0	<i></i>	J JO.0	
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/14/2007 06:40	0.0	0.0	0.0	
2	08/14/2007 06:41	0.0	0.0	0.0	
3	08/14/2007 06:42	0.0	0.0	0.0	
4	08/14/2007 06:43	0.0	0.0	0.0	
5	08/14/2007 06:44	0.0	0.0	0.0	
6	08/14/2007 06:45	0.0	0.0	0.0	
7	08/14/2007 06:46	0.0	0.0	0.0	
8	08/14/2007 06:47	0.0	0.0	0.0	
9	08/14/2007 06:48	0.0	0.0	0.0	
10	08/14/2007 06:49	0.0	0.0	0.0	
11	08/14/2007 06:50	0.0	0.0	0.0	
12	08/14/2007 06:51	0.0	0.0	0.0	
13	08/14/2007 06:52	0.0	0.0	0.0	*
14	08/14/2007 06:53	0.0	0.0	0.0	
15	08/14/2007 06:54	0.0	0.0	0.0	
16	08/14/2007 06:55	0.0	0.0	0.0	
17	08/14/2007 06:56	0.0	0.0	0.0	
18	08/14/2007 06:57	0.0	0.0	0.0	
19	08/14/2007 06:58	0.0	0.0	0.0	
20	08/14/2007 06:59	0.0	0.0	0.0	
21	08/14/2007 07:00	0.0	0.0	0.0	
22	08/14/2007 07:01	0.0	0.0	0.0	
23	08/14/2007 07:02	0.0	0.0	0.0	
24	08/14/2007 07:03	0.0	0.0	0.0	
25	08/14/2007 07:04	0.0	0.0	0.0	
26	08/14/2007 07:05	0.0	0.0	0.0	
27	08/14/2007 07:06	0.0	0.0	0.0	
28	08/14/2007 07:07	0.0	0.0	0.0	
29	08/14/2007 07:08	0.0	0.0	0.0	
30	08/14/2007 07:09	0.0	0.0	0.0	
31	08/14/2007 07:10	0.0	0.0	0.0	
32	08/14/2007 07:11	0.0	0.0	0.0	
33	08/14/2007 07:12	0.0	0.0	0.0	
34	08/14/2007 07:13	0.0	0.0	0.0	
35	08/14/2007 07:14	0.0	0.0	0.0	

36	08/14/2007 07:15	0.0	0.0	0.0
37	08/14/2007 07:16	0.0	0.0	0.0
38	08/14/2007 07:17	0.0	0.0	0.0
39	08/14/2007 07:18	0.0	0.0	0.0
40	08/14/2007 07:19	0.0	0.0	0.0
41	08/14/2007 07:20	0.0	0.0	0.0
42	08/14/2007 07:21	0.0	0.0	0.0
43	08/14/2007 07:22	0.0	0.0	0.0
44	08/14/2007 07:23	0.0	0.0	0.0
45	08/14/2007 07:24	0.0	0.0	0.0
46	08/14/2007 07:25	0.0	0.0	0.0
47	08/14/2007 07:26	0.0	0.0	0.0
48	08/14/2007 07:27	0.0	0.0	0.0
49	08/14/2007 07:28	0.0	0.0	0.0
50	08/14/2007 07:29	0.0	0.0	0.0
51	08/14/2007 07:30	0.0	0.0	0.0
52	08/14/2007 07:31	0.0	0.0	0.0
53	08/14/2007 07:32	0.0	0.0	0.0
54	08/14/2007 07:33	0.0	0.0	0.0
55	08/14/2007 07:34	0.0	0.0	0.0
56	08/14/2007 07:35	0.0	0.0	0.0
57	08/14/2007 07:36	0.0	0.0	0.0
58	08/14/2007 07:37	0.0	0.0	0.0
59	08/14/2007 07:38	0.0	0.0	0.0
60	08/14/2007 07:39	0.0	0.0	0.0
61	08/14/2007 07:40	0.0	0.0	0.0
62	08/14/2007 07:41	0.0	0.0	0.0
63	08/14/2007 07:42	0.0	0.0	0.0
64	08/14/2007 07:43	0.0	0.0	0.0
65	08/14/2007 07:44	0.0	0.0	0.0
66	08/14/2007 07:45	0.0	0.0	0.0
67	08/14/2007 07:46 08/14/2007 07:47	0.0	0.0	0.0
68		0.0	0.0	0.0
69 70	08/14/2007 07:48	0.0	0.0	0.0
70	08/14/2007 07:49	0.0	0.0	0.0
71 72	08/14/2007 07:50 08/14/2007 07:51	$0.0 \\ 0.0$	0.0	$0.0 \\ 0.0$
73	08/14/2007 07:52	0.0	0.0	0.0
73 74	08/14/2007 07:53	0.0	0.0	0.0
74 75	08/14/2007 07:54		0.0	0.0
75 76	08/14/2007 07:55	0.0	0.0	
70 77	08/14/2007 07:56	$0.0 \\ 0.0$	0.0	$0.0 \\ 0.0$
77 78				
	08/14/2007 07:57 08/14/2007 07:58	0.0	0.0	0.0
79		0.0	0.0	0.0
80	08/14/2007 07:59	0.0	0.0	0.0
81	08/14/2007 08:00	0.0	0.0	0.0

82	08/14/2007 08:01	0.0	0.0	0.0	
83	08/14/2007 08:02	0.0	0.0	0.0	
84	08/14/2007 08:03	0.0	0.0	0.0	
85	08/14/2007 08:04	0.0	0.0	0.0	
86	08/14/2007 08:05	0.0	0.0	0.0	
87	08/14/2007 08:06	0.0	0.0	0.0	
88	08/14/2007 08:07	0.0	0.0	0.0	
89	08/14/2007 08:08	0.0	0.0	0.0	
90	08/14/2007 08:09	0.0	0.0	0.0	
91	08/14/2007 08:10	0.0	0.0	0.0	
92	08/14/2007 08:11	0.0	0.0	0.0	
93	08/14/2007 08:12	0.0	0.0	0.0	
94	08/14/2007 08:13	0.0	0.0	0.0	
95	08/14/2007 08:14	0.0	0.0	0.0	
96	08/14/2007 08:15	0.0	0.0	0.0	
97	08/14/2007 08:16	0.0	0.0	0.0	
98	08/14/2007 08:17	0.0	0.0	0.0	
99	08/14/2007 08:17	0.0	0.0	0.0	
100	08/14/2007 08:19	0.0	0.0	0.0	
101	08/14/2007 08:19	0.0	0.0	0.0	
102	08/14/2007 08:20	0.0	0.0	0.0	
103	08/14/2007 08:21	0.0	0.0	0.0	
104	08/14/2007 08:22	0.0	0.0	0.0	
105	08/14/2007 08:24	0.0	0.0	0.0	
106	08/14/2007 08:24	0.0	0.0	0.0	
107	08/14/2007 08:26	0.0	0.0	0.0	
108	08/14/2007 08:27	0.0	0.0	0.0	
109	08/14/2007 08:28	0.0	0.0	0.0	
110	08/14/2007 08:29	0.0	0.0	0.0	
111	08/14/2007 08:30	0.0	0.0	0.0	
112	08/14/2007 08:31	0.0	0.0	0.0	
113	08/14/2007 08:32	0.0	0.0	0.0	
114	08/14/2007 08:33	0.0	0.0	0.0	
115	08/14/2007 08:34	0.0	0.0	0.0	
116	08/14/2007 08:35	0.0	0.0	0.0	
117	08/14/2007 08:36	0.0	0.0	0.0	
118	08/14/2007 08:37	0.0	0.0	0.0	
119	08/14/2007 08:38	0.0	0.0	0.0	
120	08/14/2007 08:39	0.0	0.0	0.0	
121	08/14/2007 08:40	0.0	0.0	0.0	
122	08/14/2007 08:41	0.0	0.0	0.0	
123	08/14/2007 08:42	0.0	0.0	0.0	
124	08/14/2007 08:43	0.0	0.0	0.0	
125	08/14/2007 08:44	0.0	0.0	0.0	
126	08/14/2007 08:45	0.0	0.0	0.0	
127	08/14/2007 08:46	0.0	0.0	0.0	
121	30,11,200,00.10	0.0	0.0	0.0	
			-		

128	08/14/2007 08:47	0.0	0.0	0.0	
129	08/14/2007 08:48	0.0	0.0	0.0	
130	08/14/2007 08:49	0.0	0.0	0.0	
131	08/14/2007 08:50	0.0	0.0	0.0	
132	08/14/2007 08:51	0.0	0.0	0.0	
133	08/14/2007 08:52	0.0	0.0	0.0	
134	08/14/2007 08:53	0.0	0.0	0.0	
135	08/14/2007 08:54	0.0	0.0	0.0	
136	08/14/2007 08:55	0.0	0.0	0.0	
137	08/14/2007 08:56	0.0	0.0	0.0	
138	08/14/2007 08:57	0.0	0.0	0.0	
139	08/14/2007 08:58	0.0	0.0	0.0	
140	08/14/2007 08:59	0.0	0.0	0.0	
141	08/14/2007 09:00	0.0	0.0	0.0	
142	08/14/2007 09:01	0.0	0.0	0.0	
143	08/14/2007 09:02	0.0	0.0	0.0	
144	08/14/2007 09:03	0.0	0.0	0.0	
145	08/14/2007 09:04	0.0	0.0	0.0	
146	08/14/2007 09:05	0.0	0.0	0.0	
147	08/14/2007 09:06	0.0	0.0	0.0	
148	08/14/2007 09:07	0.0	0.0	0.0	
149	08/14/2007 09:08	0.0	0.0	0.0	
150	08/14/2007 09:09	0.0	0.0	0.0	
151	08/14/2007 09:10	0.0	0.0	0.0	
152	08/14/2007 09:11	0.0	0.0	0.0	
153	08/14/2007 09:12	0.0	0.0	0.0	
154	08/14/2007 09:13	0.0	0.0	0.0	
155	08/14/2007 09:14	0.0	0.0	0.0	
156	08/14/2007 09:15	0.0	0.0	0.0	
157	08/14/2007 09:16	0.0	0.0	0.0	
158	08/14/2007 09:17	0.0	0.0	0.0	,
159	08/14/2007 09:18	0.0	0.0	0.0	
160	08/14/2007 09:19	0.0	0.0	0.0	
161	08/14/2007 09:20	0.0	0.0	0.0	
162	08/14/2007 09:21	0.0	0.0	0.0	
163	08/14/2007 09:22	0.0	0.0	0.0	
164	08/14/2007 09:23	0.0	0.0	0.0	
165	08/14/2007 09:24	0.0	0.0	0.0	
166	08/14/2007 09:25	0.0	0.0	0.0	
167	08/14/2007 09:26	0.0	0.0	0.0	
168	08/14/2007 09:27	0.0	0.0	0.0	
169	08/14/2007 09:28	0.0	0.0	0.0	
170	08/14/2007 09:29	0.0	0.0	0.0	
171	08/14/2007 09:30	0.0	0.0	0.0	
172	08/14/2007 09:31	0.0	0.0	0.0	
173	08/14/2007 09:32	0.0	0.0	0.0	

ħ.		*				
174	08/14/2007 09:33	0.0	0.0	0.0	•	
175	08/14/2007 09:34	0.0	0.0	0.0		
176	08/14/2007 09:35	0.0	0.0	0.0		
177	08/14/2007 09:36	0.0	0.0	0.0		
178	08/14/2007 09:37	0.0	0.0	0.0		
179	08/14/2007 09:38	0.0	0.0	0.0		
180	08/14/2007 09:39	0.0	0.0	0.0		
181	08/14/2007 09:40	0.0	0.0	0.0		
182	08/14/2007 09:41	0.0	0.0	0.0		
183	08/14/2007 09:42	0.0	0.0	0.0		
184	08/14/2007 09:43	0.0	0.0	0.0		
185	08/14/2007 09:44	0.0	0.0	0.0		
186	08/14/2007 09:45	0.0	0.0	0.0		
187	08/14/2007 09:46	0.0	0.0	0.0		
188	08/14/2007 09:47	0.0	0.0	0.0		
189	08/14/2007 09:48	0.0	0.0	0.0		
190	08/14/2007 09:49	0.0	0.0	0.0		
191	08/14/2007 09:50	0.0	0.0	0.0		
192	08/14/2007 09:51	0.0	0.0	0.0		
193	08/14/2007 09:52	0.0	0.0	0.0		
194	08/14/2007 09:53	0.0	0.0	0.0		
195	08/14/2007 09:54	0.0	0.0	0.0		
196	08/14/2007 09:55	0.0	0.0	0.0		
197	08/14/2007 09:56	0.0	0.0	0.0		
198	08/14/2007 09:57	0.0	0.0	0.0		
199	08/14/2007 09:58	0.0	0.0	0.0		
200	08/14/2007 09:59	0.0	0.0	0.0		
201	08/14/2007 10:00	0.0	0.0	0.0		
202	08/14/2007 10:01	0.0	0.0	0.0		
203	08/14/2007 10:02	0.0	0.0	0.0		
204	08/14/2007 10:03	0.0	0.0	0.0		
205	08/14/2007 10:04	0.0	0.0	0.0		
206	08/14/2007 10:05	0.0	0.0	0.0		
207	08/14/2007 10:06	0.0	0.0	0.0		
208	08/14/2007 10:07	0.0	0.0	0.0		
209	08/14/2007 10:08	0.0	0.0	0.0		
210	08/14/2007 10:09	0.0	0.0	0.0		
211	08/14/2007 10:10	0.0	0.0	0.0		•
212	08/14/2007 10:11	0.0	0.0	0.0		
213	08/14/2007 10:12	0.0	0.0	0.0		
214	08/14/2007 10:13	0.0	0.0	0.0		
215	08/14/2007 10:14	0.0	0.0	0.0		
216	08/14/2007 10:15	0.0	0.0	0.0		
217	08/14/2007 10:16	0.0	0.0	0.0		
218	08/14/2007 10:17	0.0	0.0	0.0		
219	08/14/2007 10:18	0.0	0.0	0.0		

	220	08/14/2007 10:19	9 0.0	0.0	0.0
	221	08/14/2007 10:20		0.0	0.0
	222	08/14/2007 10:2	1 0.0	0.0	0.0
	223	08/14/2007 10:22	2 0.0	0.0	0.0
	224	08/14/2007 10:2:		0.0	0.0
	225	08/14/2007 10:24		0.0	0.0
	226	08/14/2007 10:2:		0.0	0.0
	227	08/14/2007 10:20		0.0	0.0
	228	08/14/2007 10:2		0.0	0.0
	229	08/14/2007 10:23		0.0	0.0
	230	08/14/2007 10:29	-	0.0	0.0
	231	08/14/2007 10:30		0.0	0.0
	232	08/14/2007 10:3		0.0	0.0
	233	08/14/2007 10:33		0.0	0.0
	234	08/14/2007 10:3		0.0	0.0
	235	08/14/2007 10:34		0.0	0.0
i.	236	08/14/2007 10:3:		0.0	0.0
	237	08/14/2007 10:36		0.0	0.0
	238	08/14/2007 10:3		0.0	0.0
	239	08/14/2007 10:3		0.0	0.0
	240	08/14/2007 10:39		0.0	0.0
	241	08/14/2007 10:40		0.0	0.0
	242	08/14/2007 10:4		0.0	0.0
	243	08/14/2007 10:43		0.0	0.0
	244	08/14/2007 10:4:		0.0	0.0
	245	08/14/2007 10:4		0.0	0.0
	246	08/14/2007 10:4:		0.0	0.0
	247	08/14/2007 10:40		0.0	0.0
	248	08/14/2007 10:4		0.0	0.0
	249	08/14/2007 10:4		0.0	0.0
	250	08/14/2007 10:49		0.0	0.0
	251	08/14/2007 10:50		0.0	0.0
,	252	08/14/2007 10:5		0.0	0.0
	253	08/14/2007 10:53		0.0	0.0
	254	08/14/2007 10:53		0.0	0.0
	255	08/14/2007 10:54	•	0.0	0.0
	256	08/14/2007 10:5		0.0	0.0
	257	08/14/2007 10:5		0.0	0.0
	258	08/14/2007 10:5		0.0	0.0
	259	08/14/2007 10:5		0.0	0.0
	260	08/14/2007 10:59		0.0	0.0
	261	08/14/2007 11:0		0.0	0.0
	262	08/14/2007 11:0		0.0	0.0
	263	08/14/2007 11:0		0.0	0.0
	264	08/14/2007 11:0:		0.0	0.0
	265	08/14/2007 11:04		0.0	0.0
	_00	55,11,200, 11.0	. 0.0	0.0	0.0

266	08/14/2007 11:05	0.0	0.0	0.0			
267	08/14/2007 11:06	0.0	0.0	0.0			
268	08/14/2007 11:07	0.0	0.0	0.0			
269	08/14/2007 11:08	0.0	0.0	0.0			
270	08/14/2007 11:09	0.0	0.0	0.0			
271	08/14/2007 11:10	0.0	0.0	0.0			
272	08/14/2007 11:11	0.0	0.0	0.0			
273	08/14/2007 11:12	0.0	0.0	0.0			
274	08/14/2007 11:13	0.0	0.0	0.0			
275	08/14/2007 11:14	0.0	0.0	0.0			
276	08/14/2007 11:15	0.0	0.0	0.0			
277	08/14/2007 11:16	0.0	0.0	0.0			
278	08/14/2007 11:17	0.0	0.0	0.0			
279	08/14/2007 11:18	0.0	0.0	0.0			
280	08/14/2007 11:19	0.0	0.0	0.0			
281	08/14/2007 11:19	0.0	0.0	0.0		,	
282	08/14/2007 11:21	0.0	0.0	0.0			
283	08/14/2007 11:21	0.0	0.0	0.0			
284	08/14/2007 11:23	0.0	0.0	0.0			
285	08/14/2007 11:24	0.0	0.0	0.0			
286	08/14/2007 11:25	0.0	0.0	0.0			
287	08/14/2007 11:26	0.0	0.0	0.0			
288	08/14/2007 11:27	0.0	0.0	0.0			
289	08/14/2007 11:28	0.0	0.0	0.0			
290	08/14/2007 11:29	0.0	0.0	0.0			
291	08/14/2007 11:30	0.0	0.0	0.0			
292	08/14/2007 11:31	0.0	0.0	0.0			
293	08/14/2007 11:32	0.0	0.0	0.0			
294	08/14/2007 11:33	0.0	0.0	0.0			
295	08/14/2007 11:34	0.0	0.0	0.0			
296	08/14/2007 11:35	0.0	0.0	0.0			
297	08/14/2007 11:36	0.0	0.0	0.0		**	
298	08/14/2007 11:37	0.0	0.0	0.0			
299	08/14/2007 11:38	0.0	0.0	0.0			
300	08/14/2007 11:39	0.0	0.0	0.0			
301	08/14/2007 11:40	0.0	0.0	0.0			
302	08/14/2007 11:41	0.0	0.0	0.0			
303	08/14/2007 11:42	0.0	0.0	0.0	•		
304	08/14/2007 11:43	0.0	0.0	0.0			
305	08/14/2007 11:44	0.0	0.0	0.0			
306	08/14/2007 11:45	0.0	0.0	0.0			
307	08/14/2007 11:46	0.0	0.0	0.0			
308	08/14/2007 11:47	0.0	0.0	0.0			
309	08/14/2007 11:48	0.0	0.0	0.0			
310	08/14/2007 11:49	0.0	0.0	0.0			
311	08/14/2007 11:50	0.0	0.0	0.0			

	312	08/14/2007 11:51	0.0	0.0	0.0			
	313	08/14/2007 11:51	0.0	0.0	0.0			
	313	08/14/2007 11:52	0.0	0.0	0.0			
	315	08/14/2007 11:54	0.0	0.0	0.0			
	316	08/14/2007 11:54	0.0	0.0	0.0			
	317	08/14/2007 11:56	0.0	0.0	0.0			
	318	08/14/2007 11:57	0.0	0.0	0.0			
	319	08/14/2007 11:58	0.0	0.0	0.0			
	320	08/14/2007 11:59	0.0	0.0	0.0			
	321	08/14/2007 12:00	0.0	0.0	0.0			
	322	08/14/2007 12:01	0.0	0.0	0.0			
	323	08/14/2007 12:02	0.0	0.0	0.0			
	324	08/14/2007 12:03	0.0	0.0	0.0			
	325	08/14/2007 12:04	0.0	0.0	0.0			
	326	08/14/2007 12:05	0.0	0.0	0.0			
	327	08/14/2007 12:06	0.0	0.0	0.0			
	328	08/14/2007 12:07	0.0	0.0	0.0			
	329	08/14/2007 12:08	0.0	0.0	0.0			
	330	08/14/2007 12:09	0.0	0.0	0.0			
	331	08/14/2007 12:10	0.0	0.0	0.0			
	332	08/14/2007 12:11	0.0	0.0	0.0			
	333	08/14/2007 12:12	0.0	0.0	0.0	•	•	
	334	08/14/2007 12:13	0.0	0.0	0.0			
	335	08/14/2007 12:14	0.0	0.0	0.0			
	336	08/14/2007 12:15	0.0	0.0	0.0			
•	337	08/14/2007 12:16	0.0	0.0	0.0			
	338	08/14/2007 12:17	0.0	0.0	0.0			
	339	08/14/2007 12:18	0.0	0.0	0.0			
	340	08/14/2007 12:19	0.0	0.0	0.0			
	341	08/14/2007 12:20	0.0	0.0	0.0			
	342	08/14/2007 12:21	0.0	0.0	0.0			
	343	08/14/2007 12:22	0.0	0.0	0.0			
	344	08/14/2007 12:23	0.0	0.0	0.0			
	345	08/14/2007 12:24	0.0	0.0	0.0			
	346	08/14/2007 12:25	0.0	0.0	0.0			
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User ID: 00000001

Site ID: 00000007.

Data Points: 595

Gas Name: Isobutylene

Last Calibration Time: 08/14/2007 07:30

Serial Number: 005453

Sample Period: 60 sec

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	

Low Alaim Levels.		50.	30.	0 30.0	
Line#	Date Time	Min(ppm)	. Avg(ppm)	Max(ppm)	
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2	08/14/2007 07:34		0.0	0.0	
3	08/14/2007 07:35		0.0	0.0	
4	08/14/2007 07:36		0.0	0.0	
5	08/14/2007 07:37		0.0	0.0	
6	08/14/2007 07:38		0.0	0.0	
7	08/14/2007 07:39		0.0	0.0	
8	08/14/2007 07:40		0.0	0.0	
9	08/14/2007 07:41		0.0	0.0	
10	08/14/2007 07:42		0.0	0.0	
11	08/14/2007 07:43		0.0	0.0	
12	08/14/2007 07:44		0.0	0.0	
13	08/14/2007 07:45		0.0	0.0	
14	08/14/2007 07:46		0.0	0.0	
15	08/14/2007 07:47		0.0	0.0	
16	08/14/2007 07:48		0.0	0.0	
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18	08/14/2007 07:50		0.0	0.0	
19	08/14/2007 07:51		0.0	0.0	
20	08/14/2007 07:52		0.0	0.0	
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22	08/14/2007 07:54		0.0	0.0	
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27	08/14/2007 07:59		0.0	0.0	
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512	08/14/2007 16:04	0.0	0.0
513	08/14/2007 16:05	0.0	0.0
514	08/14/2007 16:06	0.0	0.0
515	08/14/2007 16:07	0.0	0.0
516	08/14/2007 16:08	0.0	0.0
517	08/14/2007 16:09	0.0	0.0
518	08/14/2007 16:10	0.0	0.0
519	08/14/2007 16:11	0.0	0.0
520	08/14/2007 16:12	0.0	0.0
521	08/14/2007 16:13	0.0	0.0
522	08/14/2007 16:14	0.0	0.0
523	08/14/2007 16:15	0.0	0.0
524	08/14/2007 16:16	0.0	0.0
525	08/14/2007 16:17	0.0	0.0
526	08/14/2007 16:18	0.0	0.0
527	08/14/2007 16:19	0.0	0.0
528	08/14/2007 16:20	0.0	0.0
529	08/14/2007 16:21	0.0	0.0
530	08/14/2007 16:22	0.0	0.0
531	08/14/2007 16:23	0.0	0.0
532	08/14/2007 16:24	0.0	0.0
533	08/14/2007 16:25	0.0	0.0
534	08/14/2007 16:26	0.0	0.0
535	08/14/2007 16:27	0.0	0.0
536	08/14/2007 16:28	0.0	0.0
537	08/14/2007 16:29	0.0	0.0
538	08/14/2007 16:30	0.0	0.0
539	08/14/2007 16:31	0.0	0.0
540	08/14/2007 16:32	0.0	0.0
541	08/14/2007 16:33	0.0	0.0
		3.0	

542	08/14/2007 16:34	0.0	0.0		
543	08/14/2007 16:35	0.0	0.0		
544	08/14/2007 16:36	0.0	0.0		
545	08/14/2007 16:37	0.0	0.0		
546	08/14/2007 16:38	0.0	0.0		
547	08/14/2007 16:39	0.0	0.0		
548	08/14/2007 16:40	0.0	0.0		
549	08/14/2007 16:41	0.0	0.0		
550	08/14/2007 16:42	0.0	0.0		
551	08/14/2007 16:43	0.0	0.0		
552	08/14/2007 16:44	0.0	0.0		
553	08/14/2007 16:45	0.0	0.0		
554	08/14/2007 16:46	0.0	0.0		
555	08/14/2007 16:47	0.0	0.0		
556	08/14/2007 16:48	0.0	0.0		
557	08/14/2007 16:49	0.0	0.0		
558	08/14/2007 16:50	0.0	0.0		
559	08/14/2007 16:51	0.0	0.0		
560	08/14/2007 16:52	0.0	0.0		
561	08/14/2007 16:53	0.0	0.0		
562	08/14/2007 16:54	0.0	0.0		
563	08/14/2007 16:55	0.0	0.0		
564	08/14/2007 16:56	0.0	0.0		
565	08/14/2007 16:57	0.0	0.0		
566	08/14/2007 16:58	0.0	0.0		
567	08/14/2007 16:59	0.0	0.0		
568	08/14/2007 17:00	0.0	0.0		
569	08/14/2007 17:01	0.0	0.0		
570	08/14/2007 17:02	0.0	0.0		
571	08/14/2007 17:03	0.0	0.0		
572	08/14/2007 17:04	0.0	0.0		
573	08/14/2007 17:05	0.0	0.0		
574	08/14/2007 17:06	0.0	0.0		
575	08/14/2007 17:07	0.0	0.0		
576	08/14/2007 17:08	0.0	0.0		
577	08/14/2007 17:09	0.0	0.0		
578	08/14/2007 17:10	0.0	0.0		
579	08/14/2007 17:11	0.0	0.0		
580	08/14/2007 17:12	0.0	0.0		
581	08/14/2007 17:13	0.0	0.0		
582	08/14/2007 17:14	0.0	0.0		
583	08/14/2007 17:15	0.0	0.0		
584	08/14/2007 17:16	0.0	0.0		•
585	08/14/2007 17:17	0.0	0.0		
586	08/14/2007 17:18	0.0	0.0		
587	08/14/2007 17:19	0.0	0.0		

588	08/14/2007 17:20	0.0	0.0
589	08/14/2007 17:21	0.0	0.0
590	08/14/2007 17:22	0.0	0.0
591	08/14/2007 17:23	0.0	0.0
592	08/14/2007 17:24	0.0	0.0
593	08/14/2007 17:25	0.0	0.0
594	08/14/2007 17:26	0.0	0.0
595	08/14/2007 17:27	0.0	0.0

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"Model Number", "DataRAM 4", 104
"Serial no. ", "D328
"Device no. ", 2
"Tag Number", 2
"Start Time ", 07:53:45
"Start Date ", 14-Aug-2007
"Log Period ", 00:15:00
           ", 38
"Number
"CalFactor ", 1.000000
"Unit
         ", 0
"Unit Name ", "(MASS )ug/m3"
"SIZE CORRECT", "DISABLED"
"TEMPUNITS ", C
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"Max MASS @ ", 1 ,08:08:45 ,14-Aug-2007
"Avg MASS ", 3.589761
"Max Diam ", 3.908267
"Max Diam @ ", 1 ,08:08:45 ,14-Aug-2007
"Avg Diam ", 0.674010
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"ALARM
"ALARM LEVEL", 5000.0
"AUTO ZERO ", "DISABLED"
"AZ INTERVAL", 1
"Errors
          ",0001
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
        26.5, 23.6, 38, 3.9083 ,08:08:45 ,14-Aug-2007
   2,
        17.5, 22.9, 48, 1.6893 ,08:23:45 ,14-Aug-2007
   3,
        16.1, 22.1, 52, 3.0785 ,08:38:45 ,14-Aug-2007
        10.3, 21.5, 55, 2.2303 ,08:53:45 ,14-Aug-2007
        7.7, 21.2, 58, 0.5313 ,09:08:45 ,14-Aug-2007
   6,
         8.7, 20.9, 60, 0.6026 ,09:23:45 ,14-Aug-2007
         9.1, 20.7, 62, 0.6237 ,09:38:45 ,14-Aug-2007
        11.3, 20.7, 63, 0.8542 ,09:53:45 ,14-Aug-2007
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        11.0, 20.8, 64, 0.7798 ,10:08:45 ,14-Aug-2007
         7.0, 21.0, 63, 1.2355 ,10:23:45 ,14-Aug-2007
  10.
         5.6, 21.3, 63, 0.5326 ,10:38:45 ,14-Aug-2007
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  12,
         0.0, 22.5, 63, 0.3375 ,11:08:45 ,14-Aug-2007
  13.
         0.1, 23.4, 59, 0.3779 ,11:23:45 ,14-Aug-2007
  14,
         0.9, 24.4, 57, 0.4814 ,11:38:45 ,14-Aug-2007
  15,
         0.0, 25.2, 54, 0.3510 ,11:53:45 ,14-Aug-2007
  16,
         0.0, 25.9, 53, 0.3468 ,12:08:45 ,14-Aug-2007
  17,
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18,
       0.0, 26.3, 51, 0.3375 ,12:23:45 ,14-Aug-2007
19,
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       0.0, 28.0, 48, 0.3375 ,12:53:45 ,14-Aug-2007
20,
21,
       0.0, 28.3, 46, 0.3375 ,13:08:45 ,14-Aug-2007
22,
       0.0, 29.9, 45, 0.3375 ,13:23:45 ,14-Aug-2007
23,
       0.0, 32.8, 43, 0.3375 ,13:38:45 ,14-Aug-2007
       0.0, 35.5, 37, 0.3375 ,13:53:45 ,14-Aug-2007
24,
       0.0, 37.5, 33, 0.3375 ,14:08:45 ,14-Aug-2007
25,
       0.0, 39.3, 31, 0.3375 ,14:23:45 ,14-Aug-2007
26,
       0.0, 40.8, 28, 0.3375 ,14:38:45 ,14-Aug-2007
27,
28,
       0.0, 41.5, 27, 0.3475 ,14:53:45 ,14-Aug-2007
29,
       0.0, 42.4, 26, 0.3375 ,15:08:45 ,14-Aug-2007
30,
       1.4, 43.3, 25, 0.3989 ,15:23:45 ,14-Aug-2007
31,
       0.0, 43.6, 23, 0.3375 ,15:38:45 ,14-Aug-2007
32,
       0.0, 43.7, 23, 0.3375 ,15:53:45 ,14-Aug-2007
       0.0, 43.8, 23, 0.3581 ,16:08:45 ,14-Aug-2007
33,
       0.0, 43.4, 22, 0.3375 ,16:23:45 ,14-Aug-2007
34,
       0.0, 42.9, 23, 0.3375 ,16:38:45 ,14-Aug-2007
35,
36,
       0.0, 42.1, 23, 0.3375 ,16:53:45 ,14-Aug-2007
       0.0, 41.3, 24, 0.3375 ,17:08:45 ,14-Aug-2007
37,
       0.0, 40.5, 25, 0.3375 ,17:23:45 ,14-Aug-2007
38,
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Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000487 Data Points: 37 Gas Name: Isobutylene

Last Calibration Time: 08/14/2007 06:24

Serial Number: 010364

Sample Period: 900 sec

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	08/14/2007 06:57		0.2	0.3	
2	08/14/2007 07:12		0.2	0.6	
3	08/14/2007 07:27		0.3	0.9	
4	08/14/2007 07:42		0.3	0.5	
5	08/14/2007 07:57		0.4	1.1	
6	08/14/2007 08:12		0.3	0.6	
7	08/14/2007 08:27		0.3	0.5	
8	08/14/2007 08:42		0.2	0.4	
9	08/14/2007 08:57		0.2	0.4	
10	08/14/2007 09:12		0.2	0.4	
11	08/14/2007 09:27		0.2	0.4	
12	08/14/2007 09:42		0.2	0.4	
13	08/14/2007 09:57		0.2	0.4	
14	08/14/2007 10:12		0.2	0.4	
15	08/14/2007 10:27		0.2	0.4	
16	08/14/2007 10:42		0.2	0.4	
17	08/14/2007 10:57		0.2	0.4	
18	08/14/2007 11:12		0.2	0.3	
19	08/14/2007 11:27		0.2	0.4	
20	08/14/2007 11:42		0.2	0.4	
21	08/14/2007 11:57		0.2	0.4	
22	08/14/2007 12:12		0.2	0.4	
23	08/14/2007 12:27		0.2	0.4	
24	08/14/2007 12:42		0.2	0.4	
25	08/14/2007 12:57		0.2	0.3	
26	08/14/2007 13:12		0.2	0.4	
27	08/14/2007 13:27		0.2	0.5	
28	08/14/2007 13:42		0.2	0.4	
29	08/14/2007 13:57		0.2	0.5	
30	08/14/2007 14:12	•	0.2	0.3	
31	08/14/2007 14:27		0.2	0.4	
32	08/14/2007 14:42		0.1	0.3	
33	08/14/2007 14:57		0.2	0.3	
34	08/14/2007 15:12		0.2	0.4	
35	08/14/2007 15:27		0.2	0.3	

36 08/14/2007 15:42 37 08/14/2007 15:57 0.2 0.2 0.3

0.6

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"Model Number", "DataRAM 4 ", 104
"Serial no. ", "04672
"Device no. ", 3
"Tag Number ", 2
"Start Time ", 07:52:17
"Start Date ", 14-Aug-2007
"Log Period ", 00:15:00
         ", 37
"Number
"CalFactor ", 1.000000
"Unit
         ", 0
"Unit Name ", "(MASS )ug/m3"
"SIZE CORRECT", "DISABLED"
"TEMPUNITS ". C
"Max MASS ", 0.000000
"Max MASS @ ", 0 ,07:52:17 ,14-Aug-2007
"Avg MASS ", 0.000000
"Max Diam ", 0.337486
"Max Diam @ ", 2 ,08:22:17 ,14-Aug-2007
"Avg Diam ", 0.337484
             ", "ENABLED"
"ALARM
"ALARM LEVEL", 5000.0
"AUTO ZERO ", "DISABLED"
"AZ INTERVAL", 1
"Errors
          ",0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
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   2,
         0.0, 22.3, 57, 0.3375 ,08:22:17 ,14-Aug-2007
   3,
         0.0, 21.6, 60, 0.3375 ,08:37:17 ,14-Aug-2007
         0.0, 21.2, 61, 0.3375 ,08:52:17 ,14-Aug-2007
   4,
   5,
         0.0, 21.0, 63, 0.3375 ,09:07:17 ,14-Aug-2007
         0.0, 21.2, 65, 0.3375 ,09:22:17 ,14-Aug-2007
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         0.0, 22.5, 65, 0.3375 ,09:37:17 ,14-Aug-2007
   7,
   8,
         0.0, 24.3, 63, 0.3375 ,09:52:17 ,14-Aug-2007
   9,
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  10,
  11,
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         0.0, 30.3, 53, 0.3375 ,10:52:17 ,14-Aug-2007
  12,
  13,
         0.0, 31.3, 50, 0.3375 ,11:07:17 ,14-Aug-2007
         0.0, 32.6, 47, 0.3375 ,11:22:17 ,14-Aug-2007
  14,
         0.0, 33.9, 44, 0.3375 ,11:37:17 ,14-Aug-2007
  15,
         0.0, 35.3, 42, 0.3375 ,11:52:17 ,14-Aug-2007
  16,
  17,
         0.0, 36.4, 40, 0.3375 ,12:07:17 ,14-Aug-2007
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18,
       0.0, 37.2, 38, 0.3375 ,12:22:17 ,14-Aug-2007
19,
       0.0, 38.0, 38, 0.3375 ,12:37:17 ,14-Aug-2007
       0.0, 38.0, 37, 0.3375 ,12:52:17 ,14-Aug-2007
20.
       0.0, 37.8, 36, 0.3375 ,13:07:17 ,14-Aug-2007
21,
22,
       0.0, 38.2, 36, 0.3375 ,13:22:17 ,14-Aug-2007
       0.0, 38.6, 36, 0.3375 ,13:37:17 ,14-Aug-2007
23.
       0.0, 39.1, 34, 0.3375 ,13:52:17 ,14-Aug-2007
24,
       0.0, 39.5, 33, 0.3375 ,14:07:17 ,14-Aug-2007
25.
26.
       0.0, 39.6, 33, 0.3375 ,14:22:17 ,14-Aug-2007
       0.0, 39.6, 33, 0.3375 ,14:37:17 ,14-Aug-2007
27,
       0.0, 39.6, 33, 0.3375 ,14:52:17 ,14-Aug-2007
28,
       0.0, 39.5, 32, 0.3375 ,15:07:17 ,14-Aug-2007
29.
30,
       0.0, 39.3, 30, 0.3375 ,15:22:17 ,14-Aug-2007
       0.0, 39.2, 31, 0.3375 ,15:37:17 ,14-Aug-2007
31,
       0.0, 39.4, 31, 0.3375 ,15:52:17 ,14-Aug-2007
32,
       0.0, 39.3, 30, 0.3375 ,16:07:17 ,14-Aug-2007
33,
       0.0, 38.7, 30, 0.3375 ,16:22:17 ,14-Aug-2007
34,
       0.0, 38.5, 30, 0.3375 ,16:37:17 ,14-Aug-2007
35,
       0.0, 38.2, 31, 0.3375 ,16:52:17 ,14-Aug-2007
36,
       0.0, 38.0, 31, 0.3375 ,17:07:17 ,14-Aug-2007
37,
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Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000287

Data Points: 457 Gas Name: Isobutylene San

Last Calibration Time: 08/14/2007 07:56

Sample Period: 60 sec

Serial Number: 009432

 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

Min(ppm) Line# Date Time Avg(ppm) Max(ppm) 1 08/14/2007 07:58 0.0 0.0 0.0 2 08/14/2007 07:59 0.0 0.0 0.0 3 08/14/2007 08:00 0.0 0.0 0.0 4 08/14/2007 08:01 0.0 0.0 0.0 5 08/14/2007 08:02 0.0 0.0 0.0 6 08/14/2007 08:03 0.0 0.0 0.0 7 08/14/2007 08:04 0.0 0.0 0.0 8 08/14/2007 08:05 0.0 0.0 0.0 9 08/14/2007 08:06 0.0 0.0 0.0 10 08/14/2007 08:07 0.0 0.0 0.0 11 08/14/2007 08:08 0.0 0.0 0.0 12 08/14/2007 08:09 0.0 0.0 0.0 13 08/14/2007 08:10 0.0 0.0 0.0 14 08/14/2007 08:11 0.0 0.0 0.0 15 08/14/2007 08:12 0.0 0.0 0.0 16 08/14/2007 08:13 0.0 0.0 0.0 17 08/14/2007 08:14 0.0 0.00.0 18 08/14/2007 08:15 0.0 0.0 0.0 19 08/14/2007 08:16 0.0 0.0 0.0 20 0.0 08/14/2007 08:17 0.0 0.0 21 08/14/2007 08:18 0.0 0.0 0.0 22 08/14/2007 08:19 0.0 0.0 0.0 23 08/14/2007 08:20 0.0 0.0 0.0 24 08/14/2007 08:21 0.0 0.0 0.025 08/14/2007 08:22 0.0 0.0 0.0 26 08/14/2007 08:23 0.0 0.00.0 27 08/14/2007 08:24 0.0 0.0 0.028 08/14/2007 08:25 0.0 0.0 0.0 29 08/14/2007 08:26 0.0 0.0 0.0 30 08/14/2007 08:27 0.0 0.0 0.0 31 08/14/2007 08:28 0.0 0.0 0.0 32 08/14/2007 08:29 0.0 0.0 0.0

33	08/14/2007 08:30	0.0	0.0	0.0
34	08/14/2007 08:31	0.0	0.0	0.0
35	08/14/2007 08:32	0.0	0.0	0.0
36	08/14/2007 08:33	0.0	0.0	0.0
37	08/14/2007 08:34	0.0	0.0	0.0
38	08/14/2007 08:35	0.0	0.0	0.0
39	08/14/2007 08:36	0.0	0.0	0.0
40	08/14/2007 08:37	0.0	0.0	0.0
41	08/14/2007 08:38	0.0	0.0	0.0
42	08/14/2007 08:39	0.0	0.0	0.0
.43	08/14/2007 08:40	0.0	0.0	0.0
44	08/14/2007 08:41	0.0	0.0	0.0
45	08/14/2007 08:42	0.0	0.0	0.0
46	08/14/2007 08:43	0.0	0.0	0.0
47	08/14/2007 08:44	0.0	0.0	0.0
48	08/14/2007 08:45	0.0	0.0	0.0
49	08/14/2007 08:46	0.0	0.0	0.0
50	08/14/2007 08:47	0.0	0.0	0.0
51	08/14/2007 08:48	0.0	0.0	0.0
52	08/14/2007 08:49	0.0	0.0	0.0
53	08/14/2007 08:50	0.0	0.0	0.0
54	08/14/2007 08:51	0.0	0.0	0.0
55	08/14/2007 08:52	0.0	0.0	0.0
56	08/14/2007 08:53	0.0	0.0	0.0
57	08/14/2007 08:54	0.0	0.0	0.0
58	08/14/2007 08:55	0.0	0.0	0.0
59	08/14/2007 08:56	0.0	0.0	0.0
60	08/14/2007 08:57	0.0	0.0	0.0
61	08/14/2007 08:58	0.0	0.0	0.0
62	08/14/2007 08:59	0.0	0.0	0.0
63	08/14/2007 09:00	0.0	0.0	0.0
64	08/14/2007 09:01	0.0	0.0	0.0
65	08/14/2007 09:02	0.0	0.0	0.0
66	08/14/2007 09:03	0.0	0.0	0.0
67	08/14/2007 09:04	0.0	0.0	0.0
68	08/14/2007 09:05	0.0	0.0	0.0
69	08/14/2007 09:06	0.0	0.0	0.0
70	08/14/2007 09:07	0.0	0.0	0.0
71	08/14/2007 09:08	0.0	0.0	0.0
72	08/14/2007 09:09	0.0	0.0	0.0
73	08/14/2007 09:10	0.0	0.0	0.0
74	08/14/2007 09:11	0.0	0.0	0.0
75	08/14/2007 09:12	0.0	0.0	0.0
76	08/14/2007 09:13	0.0	0.0	0.0
77	08/14/2007 09:14	0.0	0.0	0.0
78	08/14/2007 09:15	0.0	0.0	0.0

	79	08/14/2007 09:16	0.0	0.0	0.0		
	80	08/14/2007 09:17	0.0	0.0	0.0		
	81	08/14/2007 09:18	0.0	0.0	0.0		
	82	08/14/2007 09:19	0.0	0.0	0.0		
	83	08/14/2007 09:20	0.0	0.0	0.0		
	84	08/14/2007 09:21	0.0	0.0	0.0		
	85	08/14/2007 09:22	0.0	0.0	0.0	•	
	86	08/14/2007 09:23	0.0	0.0	0.0		
	87	08/14/2007 09:24	0.0	0.0	0.0		
	88	08/14/2007 09:25	0.0	0.0	0.0		
	89	08/14/2007 09:26	0.0	0.0	0.0		
	90	08/14/2007 09:27	0.0	0.0	0.0		
	91	08/14/2007 09:28	0.0	0.0	0.0		
	92	08/14/2007 09:29	0.0	0.0	0.0		
	93	08/14/2007 09:30	0.0	0.0	0.0		
	94	08/14/2007 09:31	0.0	0.0	0.0		
	95	08/14/2007 09:32	0.0	0.0	0.0		
	96	08/14/2007 09:33	0.0	0.0	0.0		
	97	08/14/2007 09:34	0.0	0.0	0.0		
	98	08/14/2007 09:35	0.0	0.0	0.0		
	99	08/14/2007 09:36	0.0	0.0	0.0		
	100	08/14/2007 09:37	0.0	0.0	0.0		
	101	08/14/2007 09:38	0.0	0.0	0.0		
	102	08/14/2007 09:39	0.0	0.0	0.0		
	103	08/14/2007 09:40	0.0	0.0	0.0		
	104	08/14/2007 09:41	0.0	0.0	0.0		
	105	08/14/2007 09:42	0.0	0.0	0.0		
	106	08/14/2007 09:43	0.0	0.0	0.0		
	107	08/14/2007 09:44	0.0	0.0	0.0		
	108	08/14/2007 09:45	0.0	0.0	0.0		
	109	08/14/2007 09:46	0.0	0.0	0.0		
	110	08/14/2007 09:47	0.0	0.0	0.0		
	111	08/14/2007 09:48	0.0	. 0.0	0.0		
	112	08/14/2007 09:49	0.0	0.0	0.0		
•	113	08/14/2007 09:50	0.0	0.0	0.0		
	114	08/14/2007 09:51	0.0	0.0	0.0		
	115	08/14/2007 09:52	0.0	0.0	0.0		
	116	08/14/2007 09:53	0.0	0.0	0.0		
	117	08/14/2007 09:54	0.0	0.0	0.0		
	. 118	08/14/2007 09:55	0.0	0.0	0.0		
	119	08/14/2007 09:56	0.0	0.0	0.0		
	120	08/14/2007 09:57	0.0	0.0	0.0		
	121	08/14/2007 09:58	0.0	0.0	0.0		
	122	08/14/2007 09:59	0.0	0.0	0.0		
	123	08/14/2007 10:00	0.0	0.0	0.0		
	124	08/14/2007 10:01	0.0	0.0	0.0		

125	08/14/2007 10:02	0.0	0.0	0.0
126	08/14/2007 10:03	0.0	0.0	0.0
127	08/14/2007 10:04	0.0	0.0	0.0
128	08/14/2007 10:05	0.0	0.0	0.0
129	08/14/2007 10:06	0.0	0.0	0.0
130	08/14/2007 10:07	0.0	0.0	0.0
131	08/14/2007 10:08	0.0	0.0	0.0
132	08/14/2007 10:09	0.0	0.0	0.0
133	08/14/2007 10:10	0.0	0.0	0.0
134	08/14/2007 10:11	0.0	0.0	0.0
135	08/14/2007 10:12	0.0	0.0	0.0
136	08/14/2007 10:13	0.0	0.0	0.0
137	08/14/2007 10:14	0.0	0.0	0.0
138	08/14/2007 10:15	0.0	0.0	0.0
139	08/14/2007 10:16	0.0	0.0	0.0
140	08/14/2007 10:17	0.0	0.0	0.0
141	08/14/2007 10:18	0.0	0.0	0.0
142	08/14/2007 10:19	0.0	0.0	0.0
143	08/14/2007 10:20	0.0	0.0	0.0
144	08/14/2007 10:21	0.0	0.0	0.0
145	08/14/2007 10:21	0.0	0.0	0.0
146	08/14/2007 10:22	0.0	0.0	0.0
147	08/14/2007 10:24	0.0	0.0	0.0
148	08/14/2007 10:25	0.0	0.0	0.0
149	08/14/2007 10:25	0.0	0.0	0.0
150	08/14/2007 10:20	0.0	0.0	0.0
151	08/14/2007 10:27	0.0	0.0	0.0
152	08/14/2007 10:28	0.0	0.0	0.0
153	08/14/2007 10:29	0.0	0.0	0.0
154	08/14/2007 10:30	0.0	0.0	0.0
155	08/14/2007 10:31	0.0	0.0	0.0
156	08/14/2007 10:32	0.0	0.0	0.0
157	08/14/2007 10:33	0.0	0.0	0.0
158	08/14/2007 10:34	0.0	0.0	0.0
159	08/14/2007 10:35	0.0	0.0	0.0
160	08/14/2007 10:37	0.0	0.0	0.0
161	08/14/2007 10:37		0.0	0.0
		0.0		
162	08/14/2007 10:39	0.0	0.0	0.0
163	08/14/2007 10:40	0.0	0.0	0.0
164	08/14/2007 10:41	0.0	0.0	0.0
165	08/14/2007 10:42	0.0	0.0	0.0
166	08/14/2007 10:43	0.0	0.0	0.0
167	08/14/2007 10:44	0.0	0.0	0.0
168	08/14/2007 10:45	0.0	0.0	0.0
169	08/14/2007 10:46	0.0	0.0	0.0
170	08/14/2007 10:47	0.0	0.0	0.0

171	08/14/2007 10:48	0.0	0.0	0.0		
172	08/14/2007 10:49	0.0	0.0	0.0		
173	08/14/2007 10:50	0.0	0.0	0.0		
174	08/14/2007 10:51	0.0	0.0	0.0		
175	08/14/2007 10:52	0.0	0.0	0.0		
176	08/14/2007 10:53	0.0	0.0	0.0	•	
177	08/14/2007 10:54	0.0	0.0	0.0		
178	08/14/2007 10:55	0.0	0.0	0.0		
179	08/14/2007 10:56	0.0	0.0	0.0		
180	08/14/2007 10:57	0.0	0.0	0.0		
181	08/14/2007 10:58	0.0	0.0	0.0		
182	08/14/2007 10:59	0.0	0.0	0.0		
183	08/14/2007 10:99	0.0	0.0	0.0		
184	08/14/2007 11:01	0.0	0.0	0.0		
185	08/14/2007 11:01	0.0	0.0	0.0		
186	08/14/2007 11:02	0.0	0.0	0.0		
187	08/14/2007 11:04	0.0	0.0	0.0		·
188	08/14/2007 11:04	0.0	0.0	0.0		
189	08/14/2007 11:06	0.0	0.0	0.0		•
190	08/14/2007 11:07	0.0	0.0	0.0		
191	08/14/2007 11:08	0.0	0.0	0.0		
191	08/14/2007 11:09	0.0	0.0	0.0		
192	08/14/2007 11:10	0.0	0.0	0.0		
193	08/14/2007 11:10	0.0	0.0	0.0	•	
194	08/14/2007 11:11	0.0	0.0	0.0		
193	08/14/2007 11:13	0.0	0.0	0.0		
190	08/14/2007 11:13	0.0	0.0			
197	08/14/2007 11:14	0.0	0.0	0.0 0.0		
198	08/14/2007 11:15	0.0	0.0	0.0		
200	08/14/2007 11:17	0.0	0.0	0.0	•	
200	08/14/2007 11:18	0.0	0.0	0.0		
201	08/14/2007 11:19	0.0	0.0	0.0		
202	08/14/2007 11:19	0.0	0.0	0.0		
203	08/14/2007 11:21	0.0	0.0	0.0		
204	08/14/2007 11:21	0.0	0.0	0.0		
203	08/14/2007 11:23	0.0	0.0	0.0		
200	08/14/2007 11:24	0.0	0.0	0.0		
207	08/14/2007 11:25	0.0	0.0	0.0		
208	08/14/2007 11:26					
210	08/14/2007 11:26	0.0 0.0	0.0 0.0	0.0		
210	08/14/2007 11:27			0.0		
211	08/14/2007 11:28	0.0 0.0	0.0 0.0	0.0		
212	08/14/2007 11:29			0.0		
	08/14/2007 11:30	0.0	0.0	0.0		
214		0.0	0.0	0.0		
215	08/14/2007 11:32	0.0	0.0	0.0		
216	08/14/2007 11:33	0.0	0.0	0.0		

217	08/14/2007 11:34	0.0	0.0	0.0		
218	08/14/2007 11:35	0.0	0.0	0.0		
219	08/14/2007 11:36	0.0	0.0	0.0		
220	08/14/2007 11:37	0.0	0.0	0.0		
221	08/14/2007 11:38	0.0	0.0	0.0		
222	08/14/2007 11:39	0.0	0.0	0.0		
223	08/14/2007 11:40	0.0	0.0	0.0		
224	08/14/2007 11:41	0.0	0.0	0.0		
225	08/14/2007 11:42	0.0	0.0	0.0		
226	08/14/2007 11:43	0.0	0.0	0.0		
227	08/14/2007 11:44	0.0	0.0	0.0		
228	08/14/2007 11:45	0.0	0.0	0.0		
229	08/14/2007 11:46	0.0	0.0	0.0		
230	08/14/2007 11:47	0.0	0.0	0.0		
231	08/14/2007 11:48	0.0	0.0	0.0		
232	08/14/2007 11:49	0.0	0.0	0.0		
233	08/14/2007 11:50	0.0	0.0	0.0	•	
234	08/14/2007 11:51	0.0	0.0	0.0		
235	08/14/2007 11:52	0.0	0.0	0.0		
236	08/14/2007 11:53	0.0	0.0	0.0		
237	08/14/2007 11:54	0.0	0.0	0.0		
238	08/14/2007 11:55	0.0	0.0	0.0		
239	08/14/2007 11:56	0.0	0.0	0.0		
240	08/14/2007 11:57	0.0	0.0	0.0		
241	08/14/2007 11:58	0.0	0.0	0.0		
242	08/14/2007 11:59	0.0	0.0	0.0		
243	08/14/2007 12:00	0.0	0.0	0.0		
244	08/14/2007 12:01	0.0	0.0	0.0		
245	08/14/2007 12:02	0.0	0.0	0.0		
246	08/14/2007 12:03	0.0	0.0	0.0		
247	08/14/2007 12:04	0.0	0.0	0.0		
248	08/14/2007 12:05	0.0	0.0	0.0		
249	08/14/2007 12:06	0.0	0.0	0.0		
250	08/14/2007 12:07	0.0	0.0	0.0		
251	08/14/2007 12:08	0.0	0.0	0.0		
252	08/14/2007 12:09	0.0	0.0	0.0		
253	08/14/2007 12:10	0.0	0.0	0.0		
254	08/14/2007 12:11	0.0	0.0	0.0		
255	08/14/2007 12:12	0.0	0.0	0.0		
256	08/14/2007 12:13	0.0	0.0	0.0		
257	08/14/2007 12:14	0.0	0.0	0.0		
258	08/14/2007 12:15	0.0	0.0	0.0		
259	08/14/2007 12:16	0.0	0.0	0.0		
260	08/14/2007 12:17	0.0	0.0	0.0		
261	08/14/2007 12:18	0.0	0.0	0.0		
262	08/14/2007 12:19	0.0	0.0	0.0		

263	08/14/2007 12:20	0.0	0.0	0.0		
264	08/14/2007 12:21	0.0	0.0	0.0		
265	08/14/2007 12:22	0.0	0.0	0.0		
266	08/14/2007 12:23	0.0	0.0	0.0		
267	08/14/2007 12:24	0.0	0.0	0.0		
268	08/14/2007 12:25	0.0	0.0	0.0		
269	08/14/2007 12:26	0.0	0.0	0.0		
270	08/14/2007 12:27	0.0	0.0	0.0		
270	08/14/2007 12:28	0.0	0.0	0.0		
272	08/14/2007 12:29	0.0	0.0	0.0		
273	08/14/2007 12:30	0.0	0.0	0.0		
274	08/14/2007 12:31	0.0	0.0	0.0		
275	08/14/2007 12:32	0.0	0.0	0.0		
276	08/14/2007 12:33	0.0	0.0	0.0		
277	08/14/2007 12:34	0.0	0.0	0.0		
278	08/14/2007 12:35	0.0	0.0	0.0		
279	08/14/2007 12:36	0.0	0.0	0.0		
280	08/14/2007 12:37	0.0	0.0	0.0		
281	08/14/2007 12:38	0.0	0.0	0.0		
282	08/14/2007 12:39	0.0	0.0	0.0		
283	08/14/2007 12:40	0.0	0.0	0.0		
284	08/14/2007 12:41	0.0	0.0	0.0		
285	08/14/2007 12:42	0.0	0.0	0.0		
286	08/14/2007 12:43	0.0	0.0	0.0		
287	08/14/2007 12:44	0.0	0.0	0.0		
288	08/14/2007 12:45	0.0	0.0	0.0		
289	08/14/2007 12:46	0.0	0.0	0.0	•	
290	08/14/2007 12:47	0.0	0.0	0.0		
291	08/14/2007 12:48	0.0	0.0	0.0		
292	08/14/2007 12:49	0.0	0.0	0.0		
293	08/14/2007 12:50	0.0	0.0	0.0		
294	08/14/2007 12:51	0.0	0.0	0.0		
295	08/14/2007 12:51	0.0	0.0	0.0		
296	08/14/2007 12:52	0.0	0.0	0.0		
297	08/14/2007 12:54	0.0	0.0	0.0		
298	08/14/2007 12:55	0.0	0.0	0.0		
299	08/14/2007 12:56	0.0	0.0	0.0		
300	08/14/2007 12:57	0.0	0.0	0.0		
300						
	08/14/2007 12:58	0.0	0.0	0.0		
302	08/14/2007 12:59	0.0	0.0	0.0		
303	08/14/2007 13:00	0.0	0.0	0.0		
304	08/14/2007 13:01	0.0	0.0	0.0		
305	08/14/2007 13:02	0.0	0.0	0.0		
306	08/14/2007 13:03	0.0	0.0	0.0		
307	08/14/2007 13:04	0.0	0.0	0.0		
308	08/14/2007 13:05	0.0	0.0	0.0		

309	08/14/2007 13:06	0.0	0.0	0.0
310	08/14/2007 13:07	0.0	0.0	0.0
311	08/14/2007 13:08	0.0	0.0	0.0
312	08/14/2007 13:09	0.0	0.0	0.0
313	08/14/2007 13:10	0.0	0.0	0.0
314	08/14/2007 13:11	0.0	0.0	0.0
315	08/14/2007 13:12	0.0	0.0	0.0
316	08/14/2007 13:13	0.0	0.0	0.0
317	08/14/2007 13:14	0.0	0.0	0.0
318	08/14/2007 13:15	0.0	0.0	0.0
319	08/14/2007 13:16	0.0	0.0	0.0
320	08/14/2007 13:17	0.0	0.0	0.0
321	08/14/2007 13:18	0.0	0.0	0.0
322	08/14/2007 13:19	0.0	0.0	0.0
323	08/14/2007 13:20	0.0	0.0	0.0
324	08/14/2007 13:21	0.0	0.0	0.0
325	08/14/2007 13:22	0.0	0.0	0.0
326	08/14/2007 13:23	0.0	0.0	0.0
327	08/14/2007 13:24	0.0	0.0	0:0
328	08/14/2007 13:25	0.0	0.0	0.0
329	08/14/2007 13:26	0.0	0.0	0.0
330	08/14/2007 13:27	0.0	0.0	0.0
331	08/14/2007 13:28	0.0	0.0	0.0
332	08/14/2007 13:29	0.0	0.0	0.0
333	08/14/2007 13:30	0.0	0.0	0.0
334	08/14/2007 13:30	0.0	0.0	0.0
335	08/14/2007 13:31	0.0	0.0	0.0
336	08/14/2007 13:32	0.0	0.0	0.0
337	08/14/2007 13:34	0.0	0.0	0.0
338	08/14/2007 13:35	0.0	0.0	0.0
339	08/14/2007 13:36	0.0	0.0	0.0
340	08/14/2007 13:37	0.0	0.0	0.0
341	08/14/2007 13:38	0.0	0.0	0.0
342	08/14/2007 13:39	0.0	0.0	0.0
343	08/14/2007 13:40	0.0	0.0	0.0
344	08/14/2007 13:40	0.0	0.0	0.0
345	08/14/2007 13:41	0.0	0.0	0.0
346	08/14/2007 13:42	0.0	0.0	0.0
347	08/14/2007 13:43	0.0	0.0	0.0
348	08/14/2007 13:45	0.0	0.0	0.0
349	08/14/2007 13:46	0.0	0.0	0.0
350	08/14/2007 13:47	0.0	0.0	0.0
351	08/14/2007 13:47	0.0	0.0	0.0
352	08/14/2007 13:48	0.0	0.0	0.0
352 353	08/14/2007 13:49	0.0	0.0	0.0
354	08/14/2007 13:50	0.0	0.0	0.0°
JJ4	00/14/200/15.31	0.0	U.U ⁻	0.0

355	08/14/2007 13:52	0.0	0.0	0.0
356	08/14/2007 13:53	0.0	0.0	0.0
357	08/14/2007 13:54	0.0	0.0	0.0
358	08/14/2007 13:55	0.0	0.0	0.0
359	08/14/2007 13:56	0.0	0.0	0.0
360	08/14/2007 13:57	0.0	0.0	0.0
361	08/14/2007 13:58	0.0	0.0	0.0
362	08/14/2007 13:59	0.0	0.0	0.0
363	08/14/2007 14:00	0.0	0.0	0.0
364	08/14/2007 14:01	0.0	0.0	0.0
365	08/14/2007 14:02	0.0	0.0	0.0
366	08/14/2007 14:03	0.0	0.0	0.0
367	08/14/2007 14:04	0.0	0.0	0.0
368	08/14/2007 14:05	0.0	0.0	0.0
369	08/14/2007 14:06	0.0	0.0	0.0
370	08/14/2007 14:07	0.0	0.0	0.0
371	08/14/2007 14:08	0.0	0.0	0.0
372	08/14/2007 14:09	0.0	0.0	0.0
373	08/14/2007 14:10	0.0	0.0	0.0
374	08/14/2007 14:11	0.0	0.0	0.0
375	08/14/2007 14:12	0.0	0.0	0.0
376	08/14/2007 14:13	0.0	0.0	0.0
377	08/14/2007 14:14	0.0	0.0	0.0
378	08/14/2007 14:15	0.0	0.0	0.0
379	08/14/2007 14:16	0.0	0.0	0.0
380	08/14/2007 14:17	0.0	0.0	0.0
381	08/14/2007 14:18	0.0	0.0	0.0
382	08/14/2007 14:19	0.0	0.0	0.0
383	08/14/2007 14:20	0.0	0.0	0.0
384	08/14/2007 14:21	0.0	0.0	0.0
385	08/14/2007 14:22	0.0	0.0	0.0
386	08/14/2007 14:23	0.0	0.0	0.0
387	08/14/2007 14:24	0.0	0.0	0.0
388	08/14/2007 14:25	0.0	0.0	0.0
389	08/14/2007 14:26	0.0	0.0	0.0
390	08/14/2007 14:27	0.0	0.0	0.0
391	08/14/2007 14:28	0.0	0.0	0.0
392	08/14/2007 14:29	0.0	0.0	0.0
393	08/14/2007 14:30	0.0	0.0	0.0
394	08/14/2007 14:31	0.0	0.0	0.0
395	08/14/2007 14:31	.0.0	0.0	0.0
396	08/14/2007 14:32	0.0	0.0	0.0
397	08/14/2007 14:34	0.0	0.0	0.0
398	08/14/2007 14:34	0.0	0.0	0.0
399	08/14/2007 14:36	0.0	0.0	0.0
400	08/14/2007 14:37	0.0	0.0	0.0
700	00/14/2007 14.37	0.0	0.0	0.0

4	01	08/14/2007 14:38	0.0	0.0	0.0	
4	02	08/14/2007 14:39	0.0	0.0	0.0	
4	03	08/14/2007 14:40	0.0	0.0	0.0	
4	04	08/14/2007 14:41	0.0	0.0	0.0	
4	05	08/14/2007 14:42	0.0	0.0	0.0	
4	106	08/14/2007 14:43	0.0	0.0	0.0	
4	107	08/14/2007 14:44	0.0	0.0	0.0	
4	804	08/14/2007 14:45	0.0	0.0	0.0	
4	109	08/14/2007 14:46	0.0	0.0	0.0	
4	10	08/14/2007 14:47	0.0	0.0	0.0	
4	11	08/14/2007 14:48	0.0	0.0	0.0	
		08/14/2007 14:49	0.0	0.0	0.0	
4	13	08/14/2007 14:50	0.0	0.0	0.0	
		08/14/2007 14:51	0.0	0.0	0.0	
		08/14/2007 14:52	0.0	0.0	0.0	
		08/14/2007 14:53	0.0	0.0	0.0	
		08/14/2007 14:54	0.0	0.0	0.0	
		08/14/2007 14:55	0.0	0.0	0.0	
		08/14/2007 14:56	0.0	0.0	0.0	
		08/14/2007 14:57	0.0	0.0	0.0	
		08/14/2007 14:58	0.0	0.0	0.0	
		08/14/2007 14:59	0.0	0.0	0.0	
		08/14/2007 15:00	0.0	0.0	0.0	
		08/14/2007 15:01	0.0	0.0	0.0	
		08/14/2007 15:02	0.0	0.0	0.0	
		08/14/2007 15:03	0.0	0.0	0.0	
		08/14/2007 15:04	0.0	0.0	0.0	
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		08/14/2007 15:09	0.0	0.0	0.0	
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		08/14/2007 15:16	0.0	0.0	0.0	
		08/14/2007 15:17	0.0	0.0	0.0	
		08/14/2007 15:18	0.0	0.0	0.0	
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"Avg Diam ", 0.503169
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"ALARM
"ALARM LEVEL", 5000.0
"AUTO ZERO ", "DISABLED"
"AZ INTERVAL", 1
"Errors
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        22.6, 22.3, 56, 0.6458 ,01:20:50 ,25-Jan-2000
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        18.7, 22.0, 58, 0.7415 ,01:35:50 ,25-Jan-2000
  4,
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        19.2, 22.5, 60, 0.5746 ,02:50:50 ,25-Jan-2000
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Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 005550

User ID: 00000000 Data Points: 549 Site ID: 00000306

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 08/15/2007 06:34

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

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Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
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2	08/15/2007 06:37	0.0	0.0	0.0
3	08/15/2007 06:38	0.0	0.0	0.0
4	08/15/2007 06:39	0.0	0.0	0.0
5	08/15/2007 06:40	0.0	0.0	0.0
6	08/15/2007 06:41	0.0	0.0	0.0
7	08/15/2007 06:42	0.0	0.0	0.0
8	08/15/2007 06:43	0.0	0.0	0.0
9	08/15/2007 06:44	0.0	0.0	0.0
10	08/15/2007 06:45	0.0	0.0	0.0
11	08/15/2007 06:46	0.0	0.0	0.0
12	08/15/2007 06:47	0.0	0.0	0.0
13	08/15/2007 06:48	0.0	0.0	0.0
14	08/15/2007 06:49	0.0	0.0	0.0
15	08/15/2007 06:50	0.0	0.0	0.0
16	08/15/2007 06:51	0.0	0.0	0.0
17	08/15/2007 06:52	0.0	0.0	0.0
18	08/15/2007 06:53	0.0	0.0	0.0
19	08/15/2007 06:54	0.0	0.0	0.0
20	08/15/2007 06:55	0.0	0.0	0.0
21	08/15/2007 06:56	0.0	0.0	0.0
22	08/15/2007 06:57	0.0	0.0	0.0
23	08/15/2007 06:58	0.0	0.0	0.0
24	08/15/2007 06:59	0.0	0.0	0.0
25	08/15/2007 07:00	0.0	0.0	0.0
26	08/15/2007 07:01	0.0	0.0	0.0
27	08/15/2007 07:02	0.0	0.0	0.0
28	08/15/2007 07:03	0.0	0.0	0.0
29	08/15/2007 07:04	0.0	0.0	0.0
30	08/15/2007 07:05	0.0	0.0	0.0
31	08/15/2007 07:06	0.0	0.0	0.0
32	08/15/2007 07:07	0.0	0.0	0.0
33	08/15/2007 07:08	0.0	0.0	0.0
34	08/15/2007 07:09	0.0	0.0	0.0
35	08/15/2007 07:10	0.0	0.0	0.0

36	08/15/2007 07:11	0.0	0.0	0.0
37	08/15/2007 07:12	0.0	0.0	0.0
38	08/15/2007 07:13	0.0	0.0	0.0
39	08/15/2007 07:14	0.0	0.0	0.0
40	08/15/2007 07:15	0.0	0.0	0.0
41	08/15/2007 07:16	0.0	0.0	0.0
42	08/15/2007 07:17	0.0	0.0	0.0
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44	08/15/2007 07:19	0.0	0.0	0.0
45	08/15/2007 07:20	0.0	0.0	0.0
46	08/15/2007 07:21	0.0	0.0	0.0
47	08/15/2007 07:22	0.0	0.0	0.0
48	08/15/2007 07:23	0.0	0.0	0.0
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52	08/15/2007 07:27	0.0	0.0	0.0
53	08/15/2007 07:28	0.0	0.0	0.0
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56	08/15/2007 07:31	0.0	0.0	0.0
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70 71	08/15/2007 07:46	0.0	0.0 0.0	0.0
71 72	08/15/2007 07:47	0.0		0.0
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	184	08/15/2007 09:39	0.0	0.0	0.0
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	208	08/15/2007 10:03	0.0	0.0	0.0
	209	08/15/2007 10:04	0.0	0.0	0.0
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	212	08/15/2007 10:07	0.0	0.0	0.0
	213	08/15/2007 10:08	0.0	0.0	0.0
	214	08/15/2007 10:09	0.0	0.0	0.0
	215	08/15/2007 10:10	0.0	0.0	0.0
	216	08/15/2007 10:11	0.0	0.0	0.0
	217	08/15/2007 10:12	0.0	0.0	0.0
	218	08/15/2007 10:13	0.0	0.0	0.0
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	224	08/15/2007 10:19	0.0	0.0	0.0		
-	225	08/15/2007 10:20	0.0	0.0	0.0		
	226	08/15/2007 10:21	0.0	0.0	0.0		
	227	08/15/2007 10:22	0.0	0.0	0.0		
	228	08/15/2007 10:23	0.0	0.0	0.0		
	229	08/15/2007 10:24	0.0	0.0	0.0		
	230	08/15/2007 10:25	0.0	0.0	0.0		
	231	08/15/2007 10:26	0.0	0.0	0.0		
	232	08/15/2007 10:27	0.0	0.0	0.0		
	233	08/15/2007 10:28	0.0	0.0	0.0		
	234	08/15/2007 10:29	0.0	0.0	0.0		
	235	08/15/2007 10:30	0.0	0.0	0.0		
	236	08/15/2007 10:31	0.0	0.0	0.0		
	237	08/15/2007 10:32	0.0	0.0	0.0		
	238	08/15/2007 10:33	0.0	0.0	0.0		
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Instrument: MiniRAE 2000 (PGM7600)

Serial Number: 005453

User ID: 00000001

Site ID: 00000008

Data Points: 560

Gas Name: Isobutylene

Sample Period: 60 sec

Last Calibration Time: 08/15/2007 07:33

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	100.0	100.0 100.0	100.0 100.0 100.0

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08/15/2007 07:40		0.0	0.0	
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08/15/2007 07:48				
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36, 22.0, 36.2, 4.1270 ,16:01:50 ,15-Aug-2007 35.8, 34, 24.9, 37, 4.1270 ,16:16:50 ,15-Aug-2007 35, 4.1270 27.5, 35.3, 38, ,16:31:50 ,15-Aug-2007 36, 30.1, 34.9, 39, 4.1270 ,16:46:50 ,15-Aug-2007 37, 37.0, 35.0, 39, 4.1270 ,17:01:50 ,15-Aug-2007

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Instrument: MiniRAE 2000 (PGM7600) User ID: 00000001

Site ID: 00000489

Data Points: 37

Gas Name: Isobutylene

Last Calibration Time: 08/15/2007 06:37

Serial Number: 010364

Sample Period: 900 sec

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	08/15/2007 06:55		0.0	0.1	
2	08/15/2007 07:10		0.0	0.1	
3	. 08/15/2007 07:25		0.0	0.1	
4	08/15/2007 07:40	•	0.0	0.1	
5	08/15/2007 07:55		0.0	0.1	
6	08/15/2007 08:10		0.0	0.1	
7	08/15/2007 08:25		0.0	0.1	
8	08/15/2007 08:40		0.0	0.1	
9	08/15/2007 08:55		0.0	0.0	
10	08/15/2007 09:10		0.0	0.1	
11	08/15/2007 09:25		0.0	0.1	
12	08/15/2007 09:40		0.0	0.1	
13	08/15/2007 09:55		0.0	0.1	
14	08/15/2007 10:10		0.0	0.1	
15	08/15/2007 10:25		0.0	0.1	
16	08/15/2007 10:40		0.0	0.1	
17	08/15/2007 10:55		0.0	0.1	
18	08/15/2007 11:10		0.0	0.1	
19	08/15/2007 11:25		0.0	0.1	
20	08/15/2007 11:40		0.0	0.1	
21	08/15/2007 11:55		0.0	0.1	
22	08/15/2007 12:10		0.0	0.1	
23	08/15/2007 12:25		0.0	0.1	
24	08/15/2007 12:40		0.0	0.2	
25	08/15/2007 12:55		0.0	0.1	
26	08/15/2007 13:10		0.0	0.1	
27	08/15/2007 13:25		0.0	0.1	
28	08/15/2007 13:40		0.0	0.1	
29	08/15/2007 13:55		0.0	0.1	
30	08/15/2007 14:10		0.0	0.1	
31	08/15/2007 14:25		0.0	0.1	
32	08/15/2007 14:40	•	0.0	0.1	
33	08/15/2007 14:55		0.0	0.1	
34	08/15/2007 15:10		0.0	0.1	
35	08/15/2007 15:25		0.0	0.1	

36 08/15/2007 15:40 37 08/15/2007 15:55 0.0

0.1 0.1

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34,	30.8,	35.1,	41,	0.2093	,16:17:02	,15-Aug-2007
35,	31.6,	34.8,	41,	0.2050	,16:32:02	,15-Aug-2007
36,	33.2,	34.5,	42,	0.2122	,16:47:02	,15-Aug-2007
27	32 0	24 5	12	0 2001	17.02.02	1 F Aug 2007

Instrument: MiniRAE 2000 (PGM7600) User ID: 00000001

Site ID: 00000288

Data Points: 587

Gas Name: Isobutylene

Sample Period: 60 sec

Serial Number: 009432

Last Calibration Time: 08/15/2007 07:40

Measurement Type: High Alarm Levels: Low Alarm Levels:

Min(ppm) 100.0 50.0

Avg(ppm) 100.0 50.0

Max(ppm) 100.0 50.0

Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
08/15/2007 07:42	0.0	0.0	0.0
08/15/2007 07:43	0.0	0.0	0.0
08/15/2007 07:44	0.0	0.0	0.0
08/15/2007 07:45	0.0	0.0	0.0
08/15/2007 07:46	0.0	0.0	0.0
08/15/2007 07:47	0.0	0.0	0.0
08/15/2007 07:48	0.0	0.0	0.0
08/15/2007 07:49	0.0	0.0	0.0
08/15/2007 07:50	0.0	0.0	0.0
08/15/2007 07:51	0.0	0.0	0.0
08/15/2007 07:52	0.0	0.0	0.0
08/15/2007 07:53	0.0	0.0	0.0
08/15/2007 07:54	0.0	0.0	0.0
08/15/2007 07:55	0.0	0.0	0.0
08/15/2007 07:56	0.0	0.0	0.0
08/15/2007 07:57	0.0	0.0	0.0
08/15/2007 07:58	0.0	0.0	0.0
08/15/2007 07:59	0.0	0.0	. 0.0
08/15/2007 08:00	0.0	0.0	0.0
08/15/2007 08:01	0.0	0.0	0.0
08/15/2007 08:02	0.0	0.0	0.0
08/15/2007 08:03	0.0	0.0	0.0
08/15/2007 08:04	0.0	0.0	0.0
08/15/2007 08:05	0.0	0.0	0.0
08/15/2007 08:06	0.0	0.0	0.0
08/15/2007 08:07	0.0	0.0	0.0
08/15/2007 08:08	0.0	0.0	0.0
08/15/2007 08:09	0.0	0.0	0.0
08/15/2007 08:10	0.0	0.0	0.0
08/15/2007 08:11	0.0	0.0	0.0
08/15/2007 08:12	0.0	0.0	0.0
08/15/2007 08:13	0.0	0.0	0.0
08/15/2007 08:14	0.0	0.0	0.0
08/15/2007 08:15	0.0	0.0	0.0
08/15/2007 08:16	0.0	0.0	0.0
	08/15/2007 07:42 08/15/2007 07:43 08/15/2007 07:44 08/15/2007 07:45 08/15/2007 07:45 08/15/2007 07:46 08/15/2007 07:47 08/15/2007 07:49 08/15/2007 07:50 08/15/2007 07:51 08/15/2007 07:52 08/15/2007 07:53 08/15/2007 07:53 08/15/2007 07:55 08/15/2007 07:56 08/15/2007 07:56 08/15/2007 07:57 08/15/2007 07:58 08/15/2007 07:59 08/15/2007 07:59 08/15/2007 08:00 08/15/2007 08:01 08/15/2007 08:01 08/15/2007 08:03 08/15/2007 08:03 08/15/2007 08:04 08/15/2007 08:05 08/15/2007 08:05 08/15/2007 08:06 08/15/2007 08:07 08/15/2007 08:08 08/15/2007 08:09 08/15/2007 08:10 08/15/2007 08:11 08/15/2007 08:12 08/15/2007 08:13 08/15/2007 08:13 08/15/2007 08:14 08/15/2007 08:15	08/15/2007 07:42	08/15/2007 07:42

36	08/15/2007 08:17	0.0	0.0	0.0	
37	08/15/2007 08:18	0.0	0.0	0.0	
38	08/15/2007 08:19	0.0	0.0	0.0	
39	08/15/2007 08:20	0.0	0.0	0.0	
40	08/15/2007 08:21	0.0	0.0	0.0	
41	08/15/2007 08:22	0.0	0.0	0.0	
42	08/15/2007 08:23	0.0	0.0	0.0	
43	08/15/2007 08:24	0.0	0.0	0.0	
44	08/15/2007 08:25	0.0	0.0	0.0	
45	08/15/2007 08:26	0.0	0.0	0.0	
46	08/15/2007 08:27	0.0	0.0	0.0	
47	08/15/2007 08:28	0.0	0.0	0.0	
48	08/15/2007 08:29	0.0	0.0	0.0	
49	08/15/2007 08:30	0.0	0.0	0.0	
50	08/15/2007 08:31	0.0	0.0	0.0	
51	08/15/2007 08:32	0.0	0.0	0.0	
52	08/15/2007 08:33	0.0	0.0	0.0	
53	08/15/2007 08:34	0.0	0.0	0.0	
54	08/15/2007 08:35	0.0	0.0	0.0	
55	08/15/2007 08:36	0.0	0.0	0.0	
56	08/15/2007 08:37	0.0	0.0	0.0	
57	08/15/2007 08:38	0.0	0.0	0.0	
58	08/15/2007 08:39	0.0	0.0	0.0	
59	08/15/2007 08:40	0.0	0.0	0.0	
60	08/15/2007 08:41	0.0	0.0	0.0	
61	08/15/2007 08:42	0.0	0.0	0.0	
62	08/15/2007 08:43	0.0	0.0	0.0	
63	08/15/2007 08:44	0.0	0.0	0.0	
64	08/15/2007 08:45	0.0	0.0	0.0	
65	08/15/2007 08:46	0.0	0.0	0.0	
66	08/15/2007 08:47	0.0	0.0	0.0	
67	08/15/2007 08:48	0.0	0.0	0.0	
68	08/15/2007 08:49	0.0	0.0	0.0	
69	08/15/2007 08:50	0.0	0.0	0.0	
70	08/15/2007 08:51	0.0	0.0	0.0	
71	08/15/2007 08:52	0.0	0.0	0.0	
72	08/15/2007 08:53	0.0	0.0	0.0	
73	08/15/2007 08:54	0.0	0.0	0.0	
74	08/15/2007 08:55	0.0	0.0	0.0	
75	08/15/2007 08:56	0.0	0.0	0.0	
76	08/15/2007 08:57	0.0	0.0	0.0	
77	08/15/2007 08:58	0.0	0.0	0.0	
78	08/15/2007 08:59	0.0	0.0	0.0	
79	08/15/2007 09:00	0.0	0.0	0.0	
80	08/15/2007 09:01	0.0	0.0	0.0	
81	08/15/2007 09:02	0.0	0.0	0.0	·

82	08/15/2007 09:03	0.0	0.0	0.0
83	08/15/2007 09:04	0.0	0.0	0.0
84	08/15/2007 09:05	0.0	0.0	0.0
85	08/15/2007 09:06	0.0	0.0	0.0
86	08/15/2007 09:07	0.0	0.0	0.0
87	08/15/2007 09:08	0.0	0.0	0.0
88	08/15/2007 09:09	0.0	0.0	0.0
89	08/15/2007 09:10	0.0	0.0	0.0
90	08/15/2007 09:11	0.0	0.0	0.0
91	08/15/2007 09:12	0.0	0.0	0.0
92	08/15/2007 09:13	0.0	0.0	0.0
93	08/15/2007 09:14	0.0	0.0	0.0
94	08/15/2007 09:15	0.0	0.0	0.0
95	08/15/2007 09:16	0.0	0.0	0.0
96	08/15/2007 09:17	0.0	0.0	0.0
97	08/15/2007 09:18	0.0	0.0	0.0
98	08/15/2007 09:19	0.0	0.0	0.0
99	08/15/2007 09:20	0.0	0.0	0.0
100	08/15/2007 09:21	0.0	0.0	0.0
101	08/15/2007 09:22	0.0	0.0	0.0
102	08/15/2007 09:23	0.0	0.0	0.0
103	08/15/2007 09:24	0.0	0.0	0.0
104	08/15/2007 09:25	0.0	0.0	0.0
105	08/15/2007 09:26	0.0	0.0	0.0
106	08/15/2007 09:27	0.0	0.0	0.0
107	08/15/2007 09:28	0.0	0.0	0.0
108	08/15/2007 09:29	0.0	0.0	0.0
109	08/15/2007 09:30	0.0	0.0	0.0
110	08/15/2007 09:31	0.0	0.0	0.0
111	08/15/2007 09:32	0.0	0.0	0.0
112	08/15/2007 09:33	0.0	0.0	0.0
113	08/15/2007 09:34	0.0	0.0	0.0
114	08/15/2007 09:35	0.0	0.0	0.0
115	08/15/2007 09:36	0.0	0.0	0.0
116	08/15/2007 09:37	0.0	0.0	0.0
117	08/15/2007 09:38	0.0	0.0	0.0
118	08/15/2007 09:39	0.0	0.0	0.0
119	08/15/2007 09:40	0.0	0.0	0.0
120	08/15/2007 09:41	0.0	0.0	0.0
121	08/15/2007 09:42	0.0	0.0	0.0
122	08/15/2007 09:43	0.0	0.0	0.0
123	08/15/2007 09:44	0.0	0.0	0.0
124	08/15/2007 09:45	0.0	0.0	0.0
125	08/15/2007 09:46	0.0	0.0	0.0
126	08/15/2007 09:47	0.0	0.0	0.0
127	08/15/2007 09:48	0.0	0.0	0.0

12	28	08/15/2007 09:49	0.0	0.0	0.0		
· ·		08/15/2007 09:50	0.0	0.0	0.0		
		08/15/2007 09:51	0.0	0.0	0.0		
		08/15/2007 09:52	0.0	0.0	0.0		
		08/15/2007 09:53	0.0	0.0	0.0		
		08/15/2007 09:54	0.0	0.0	0.0		
		08/15/2007 09:55	0.0	0.0	0.0		
		08/15/2007 09:56	0.0	0.0	0.0		
		08/15/2007 09:57	0.0	0.0	0.0		
		08/15/2007 09:58	0.0	0.0	0.0		
		08/15/2007 09:59	0.0	0.0	0.0		
	39	08/15/2007 10:00	0.0	0.0	0.0		
	40	08/15/2007 10:01	0.0	0.0	0.0		
		08/15/2007 10:02	0.0	0.0	0.0		
	42	08/15/2007 10:03	0.0	0.0	0.0		
	43	08/15/2007 10:04	0.0	0.0	0.0		
		08/15/2007 10:05	0.0	0.0	0.0		
	45	08/15/2007 10:06	0.0	0.0	0.0		
	46	08/15/2007 10:07	0.0	0.0	0.0	·	
14	47	08/15/2007 10:08	0.0	0.0	0.0		
14	48	08/15/2007 10:09	0.0	0.0	0.0		
14	49	08/15/2007 10:10	0.0	0.0	0.0		
15	50	08/15/2007 10:11	0.0	0.0	0.0		
13	51	08/15/2007 10:12	0.0	0.0	0.0		
15	52	08/15/2007 10:13	0.0	0.0	0.0		
15	53	08/15/2007 10:14	0.0	0.0	0.0		
1.5	54	08/15/2007 10:15	0.0	0.0	0.0		
1:	55	08/15/2007 10:16	0.0	0.0	0.0		
1:	56	08/15/2007 10:17	0.0	0.0	0.0		
1:	57	08/15/2007 10:18	0.0	0.0	0.0		
1:	58	08/15/2007 10:19	0.0	0.0	0.0		
1:	59	08/15/2007 10:20	0.0	0.0	0.0		
10	60	08/15/2007 10:21	0.0	0.0	0.0		
10	61	08/15/2007 10:22	0.0	0.0	0.0		
10	62	08/15/2007 10:23	0.0	0.0	0.0		
10	63	08/15/2007 10:24	0.0	0.0	0.0		
10	64	08/15/2007 10:25	0.0	0.0	0.0		
10	65	08/15/2007 10:26	0.0	0.0	0.0		
10	66	08/15/2007 10:27	0.0	0.0	0.0		
10	67	08/15/2007 10:28	0.0	0.0	0.0		
10	68	08/15/2007 10:29	0.0	0.0	0.0		
10	69	08/15/2007 10:30	0.0	0.0	0.0		
	70	08/15/2007 10:31	0.0	0.0	0.0		
1′	71	08/15/2007 10:32	0.0	0.0	0.0		
	72	08/15/2007 10:33	0.0	0.0	0.0		
1′	73	08/15/2007 10:34	0.0	0.0	0.0		

174	08/15/2007 10:35	0.0	0.0	0.0
175	08/15/2007 10:36	0.0	0.0°	0.0
176	08/15/2007 10:37	0.0	0.0	0.0
177	08/15/2007 10:38	0.0	0.0	0.0
178	08/15/2007 10:39	0.0	0.0	0.0
179	08/15/2007 10:40	0.0	0.0	0.0
180	08/15/2007 10:41	0.0	0.0	0.0
181	08/15/2007 10:42	0.0	0.0	0.0
182	08/15/2007 10:43	0.0	0.0	0.0
183	08/15/2007 10:44	0.0	0.0	0:0
184	08/15/2007 10:45	0.0	0.0	0.0
185	08/15/2007 10:46	0.0	0.0	0.0
186	08/15/2007 10:47	0.0	0.0	0.0
187	08/15/2007 10:48	0.0	0.0	0.0
188	08/15/2007 10:49	0.0	0.0	0.0
189	08/15/2007 10:50	0.0	0.0	0.0
190	08/15/2007 10:51	0.0	0.0	0.0
191	08/15/2007 10:52	0.0	0.0	0.0
192	08/15/2007 10:53	0.0	0.0	0.0
193	08/15/2007 10:54	0.0	0.0	0.0
194	08/15/2007 10:55	0.0	0.0	0.0
195	08/15/2007 10:56	0.0	0.0	0.0
196	08/15/2007 10:57	0.0	0.0	0.0
197	08/15/2007 10:58	0.0	0.0	0.0
198	08/15/2007 10:59	0.0	0.0	0.0
199	08/15/2007 11:00	0.0	0.0	0.0
200	08/15/2007 11:01	0.0	0.0	0.0
201	08/15/2007 11:02	0.0	0.0	0.0
202	08/15/2007 11:03	0.0	0.0	0.0
203	08/15/2007 11:04	0.0	0.0	0.0
204	08/15/2007 11:05	0.0	0.0	0.0
205	08/15/2007 11:06	0.0	0.0	0.0
206	08/15/2007 11:07	0.0	0.0	0.0
207	08/15/2007 11:08	0.0	0.0	0.0
208	08/15/2007 11:09	0.0	0.0	0.0
209	08/15/2007 11:10	0.0	0.0	0.0
210	08/15/2007 11:11	0.0	0.0	0.0
211	08/15/2007 11:12	0.0	0.0	0.0
212	08/15/2007 11:13	0.0	0.0	0.0
213	08/15/2007 11:14	0.0	0.0	0.0
214	08/15/2007 11:15	0.0	0.0	0.0
215	08/15/2007 11:16	0.0	0.0	0.0
216	08/15/2007 11:17	0.0	0.0	0.0
217	08/15/2007 11:17	0.0	0.0	0.0
218	08/15/2007 11:19	0.0	0.0	0.0
219	08/15/2007 11:19	0.0	0.0	0.0
217	55,15,2007 11.20	0.0	0.0	0.0

220	08/15/2007 11:21	0.0	0.0	0.0
221	08/15/2007 11:22	0.0	0.0	0.0
222	08/15/2007 11:23	0.0	0.0	0.0
223	08/15/2007 11:24	0.0	0.0	0.0
224	08/15/2007 11:25	0.0	0.0	0.0
225	08/15/2007 11:26	0.0	0.0	0.0
226	08/15/2007 11:27	0.0	0.0	0.0
227	08/15/2007 11:28	0.0	0.0	0.0
228	08/15/2007 11:29	0.0	0.0	0.0
229	08/15/2007 11:30	0.0	0.0	0.0
230	08/15/2007 11:31	0.0	0.0	0.0
231	08/15/2007 11:31	0.0	0.0	0.0
232	08/15/2007 11:32	0.0	0.0	0.0
233	08/15/2007 11:34	0.0	0.0	0.0
234	08/15/2007 11:35	0.0	0.0	
				0.0
235	08/15/2007 11:36	0.0	0.0	0.0
236	08/15/2007 11:37	0.0	0.0	0.0
237	08/15/2007 11:38	0.0	0.0	0.0
238	08/15/2007 11:39	0.0	0.0	0.0
239	08/15/2007 11:40	0.0	0.0	0.0
240	08/15/2007 11:41	0.0	0.0	0.0
241	08/15/2007 11:42	0.0	0.0	0.0
242	08/15/2007 11:43	0.0	0.0	0.0
243	08/15/2007 11:44	0.0	0.0	0.0
244	08/15/2007 11:45	0.0	0.0	0.0
245	08/15/2007 11:46	0.0	0.0	0.0
246	08/15/2007 11:47	0.0	0.0	0.0
247	08/15/2007 11:48	0.0	0.0	0.0
248	08/15/2007 11:49	0.0	0.0	0.0
249	08/15/2007 11:50	0.0	0.0	0.0
250	08/15/2007 11:51	0.0	0.0	0.0
251	08/15/2007 11:52	0.0	0.0	0.0
252	08/15/2007 11:53	0.0	0.0	0.0
253	08/15/2007 11:54	0.0	0.0	0.0
254	08/15/2007 11:55	0.0	0.0	0.0
255	08/15/2007 11:56	0.0	0.0	0.0
256	08/15/2007 11:57	0.0	0.0	0.0
257	08/15/2007 11:58	0.0	0.0	0.0
258	08/15/2007 11:59	0.0	0.0	0.0
259	08/15/2007 12:00	0.0	0.0	0.0
260	08/15/2007 12:01	0.0	0.0	0.0
261	08/15/2007 12:02	0.0	0.0	0.0
262	08/15/2007 12:03	0.0	0.0	0.0
263	08/15/2007 12:04	0.0	0.0	0.0
264	08/15/2007 12:05	0.0	0.0	0.0
265	08/15/2007 12:06	0.0	0.0	0.0
			-	

266	08/15/2007 12:07	0.0	0.0	0.0
267	08/15/2007 12:08	0.0	0.0	0.0
268	08/15/2007 12:09	0.0	0.0	0.0
269	08/15/2007 12:10	0.0	0.0	0.0
270	08/15/2007 12:11	0.0	0.0	0.0
271	08/15/2007 12:12	0.0	0.0	0.0
272	08/15/2007 12:13	0.0	0.0	0.0
273	08/15/2007 12:14	0.0	0.0	0.0
274	08/15/2007 12:15	0.0	0.0	0.0
275	08/15/2007 12:16	0.0	0.0	0.0
276	08/15/2007 12:17	0.0	0.0	0.0
277	08/15/2007 12:18	0.0	0.0	0.0
278	08/15/2007 12:19	0.0	0.0	0.0
279	08/15/2007 12:20	0.0	0.0	0.0
280	08/15/2007 12:21	0.0	0.0	0.0
281	08/15/2007 12:22	0.0	0.0	0.0
282	08/15/2007 12:23	0.0	0.0	0.0
283	08/15/2007 12:24	0.0	0.0	0.0
284	08/15/2007 12:25	0.0	0.0	0.0
285	08/15/2007 12:26	0.0	0.0	0.0
286	08/15/2007 12:27	0.0	0.0	0.0
287	08/15/2007 12:28	0.0	0.0	0.0
288	08/15/2007 12:29	0.0	0.0	0.0
289	08/15/2007 12:30	0.0	0.0	0.0
290	08/15/2007 12:30	0.0	0.0	0.0
291	08/15/2007 12:31	0.0	0.0	0.0
292	08/15/2007 12:32	0.0	0.0	0.0
293	08/15/2007 12:34	0.0	0.0	0.0
294	08/15/2007 12:35	0.0	0.0	0.0
295	08/15/2007 12:36	0.0	0.0	0.0
296	08/15/2007 12:37	0.0	0.0	0.0
297	08/15/2007 12:37	0.0	0.0	0.0
298	08/15/2007 12:39	0.0	0.0	0.0
299	08/15/2007 12:35	0.0	0.0	0.0
300	08/15/2007 12:40	0.0	0.0	0.0
301	08/15/2007 12:41	0.0	0.0	0.0
302	08/15/2007 12:42	0.0	0.0	0.0
303	08/15/2007 12:43	0.0	0.0	0.0
304	08/15/2007 12:44	0.0	0.0	0.0
305	08/15/2007 12:45	0.0	0.0	0.0
	08/15/2007 12:47			
306		0.0	0.0	0.0
307	08/15/2007 12:48	0.0	0.0	0.0
308	08/15/2007 12:49	0.0	0.0	0.0
309	08/15/2007 12:50	0.0	0.0	0.0
310	08/15/2007 12:51	0.0	0.0	0.0
311	08/15/2007 12:52	0.0	0.0	0.0

312	08/15/2007 12:53	0.0	0.0	0.0	
313	08/15/2007 12:54	0.0	0.0	0.0	
314	08/15/2007 12:55	0.0	0.0	0.0	
315	08/15/2007 12:56	0.0	0.0	0.0	
316	08/15/2007 12:57	0.0	0.0	0.0	
317	08/15/2007 12:58	0.0	0.0	0.0	
318	08/15/2007 12:59	0.0	0.0	0.0	
319	08/15/2007 13:00	0.0	0.0	0.0	
320	08/15/2007 13:01	0.0	0.0	0.0	
321	08/15/2007 13:02	0.0	0.0	0.0	
322	08/15/2007 13:03	0.0	0.0	0.0	
323	08/15/2007 13:04	0.0	0.0	0.0	
324	08/15/2007 13:05	0.0	0.0	0.0	
325	08/15/2007 13:06	0.0	0.0	0.0	
326	08/15/2007 13:07	0.0	0.0	0.0	
327	08/15/2007 13:07	0.0	0.0	0.0	
328	08/15/2007 13:09	0.0	0.0	0.0	•
329	08/15/2007 13:10	0.0	0.0	0.0	
330	08/15/2007 13:10	0.0	0.0	0.0	
331	08/15/2007 13:11	0.0	0.0	0.0	
332	08/15/2007 13:12	0.0	0.0	0.0	
333	08/15/2007 13:14	0.0	0.0	0.0	
334	08/15/2007 13:14	0.0	0.0	0.0	
335	08/15/2007 13:16	0.0	0.0	0.0	
336	08/15/2007 13:17	0.0	0.0	0.0	
337	08/15/2007 13:17	0.0	0.0	0.0	
338	08/15/2007 13:19	0.0	0.0	0.0	
339	08/15/2007 13:19	0.0	0.0	0.0	
340	08/15/2007 13:20	0.0	0.0	0.0	
341	08/15/2007 13:21	0.0	0.0	0.0	
342	08/15/2007 13:23	0.0	0.0	0.0	
343	08/15/2007 13:24	0.0	0.0	0.0	
344	08/15/2007 13:25	0.0	0.0	0.0	
345	08/15/2007 13:26	0.0	0.0	0.0	
346	08/15/2007 13:20	0.0	0.0	0.0	
347	08/15/2007 13:28	0.0	0.0	0.0	
348	08/15/2007 13:29	0.0	0.0	0.0	
349	08/15/2007 13:30	0.0	0.0	0.0	•
350	08/15/2007 13:31	0.0	0.0	0.0	
351	08/15/2007 13:31	0.0	0.0	0.0	
352	08/15/2007 13:33	0.0	0.0	0.0	
353	08/15/2007 13:34	0.0	0.0	0.0	
354	08/15/2007 13:35	0.0	0.0	0.0	
355	08/15/2007 13:36	0.0	0.0	0.0	
356	08/15/2007 13:37	0.0	0.0	0.0	
357	08/15/2007 13:38	0.0	0.0	0.0	

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358	08/15/2007 13:39	0.0	0.0	0.0	
359	08/15/2007 13:40	0.0	0.0	0.0	
360	08/15/2007 13:41	0.0	0.0	0.0	
361	08/15/2007 13:42	0.0	0.0	0.0	
362	08/15/2007 13:43	0.0	0.0	0.0	
363	08/15/2007 13:44	0.0	0.0	0.0	
364	08/15/2007 13:45	0.0	0.0	0.0	
365	08/15/2007 13:46	0.0	0.0	0.0	
366	08/15/2007 13:47	0.0	0.0	0.0	
367	08/15/2007 13:48	0.0	0.0	0.0	
368	08/15/2007 13:49	0.0	0.0	0.0	
369	08/15/2007 13:50	0.0	0.0	0.0	
370	08/15/2007 13:51	0.0	0.0	0.0	
371	08/15/2007 13:52	0.0	0.0	0.0	
372	08/15/2007 13:53	0.0	0.0	0.0	
373	08/15/2007 13:54	0.0	0.0	0.0	
374	08/15/2007 13:55	0.0	0.0	0.0	
375	08/15/2007 13:56	0.0	0.0	0.0	
376	08/15/2007 13:57	0.0	0.0	0.0	
377	08/15/2007 13:58	0.0	0.0	0.0	
378	08/15/2007 13:59	0.0	0.0	0.0	
379	08/15/2007 14:00	0.0	0.0	0.0	
380	08/15/2007 14:01	0.0	0.0	0.0	
381	08/15/2007 14:02	0.0	0.0	0.0	
382	08/15/2007 14:03	0.0	0.0	0.0	
383	08/15/2007 14:04	0.0	0.0	0.0	
384	08/15/2007 14:05	0.0	0.0	0.0	
385	08/15/2007 14:06	0.0	0.0	0.0	
386	08/15/2007 14:07	0.0	0.0	0.0	
387	08/15/2007 14:08	0.0	0.0	0.0	
388	08/15/2007 14:09	0.0	0.0	0.0	
389	08/15/2007 14:10	0.0	0.0	0.0	
390	08/15/2007 14:11	0.0	0.0	0.0	
391	08/15/2007 14:12	0.0	0.0	0.0	
392	08/15/2007 14:13	0.0	0.0	0.0	
393	08/15/2007 14:14	0.0	0.0	0.0	
394	08/15/2007 14:15	0.0	0.0	0.0	
395	08/15/2007 14:16	0.0	0.0	0.0	
396	08/15/2007 14:17	0.0	0.0	0.0	
397	08/15/2007 14:18	0.0	0.0	0.0	
398	08/15/2007 14:19	0.0	0.0	0.0	
399	08/15/2007 14:20	0.0	0.0	0.0	
400	08/15/2007 14:21	0.0	0.0	0.0	
401	08/15/2007 14:22	0.0	0.0	0.0	
402	08/15/2007 14:23	0.0	0.0	0.0	
403	08/15/2007 14:24	0.0	0.0	0.0	

	404	08/15/2007 14:25	0.0	0.0	0.0	
	405	08/15/2007 14:26	0.0	0.0	0.0	
	406	08/15/2007 14:27	0.0	0.0	0.0	
	407	08/15/2007 14:28	0.0	0.0	0.0	
	408	08/15/2007 14:29	0.0	0.0	0.0	
	409	08/15/2007 14:30	0.0	0.0	0.0	
•	410	08/15/2007 14:31	0.0	0.0	0.0	
	411	08/15/2007 14:32	0.0	0.0	0.0	
	412	08/15/2007 14:33	0.0	0.0	0.0	
	413	08/15/2007 14:34	0.0	0.0	0.0	
	414	08/15/2007 14:35	0.0	0.0	0.0	
	415	08/15/2007 14:36	0.0	0.0	0.0	
	416	08/15/2007 14:37	0.0	0.0	0.0	
	417	08/15/2007 14:38	0.0	0.0	0.0	
	418	08/15/2007 14:39	0.0	0.0	0.0	
	419	08/15/2007 14:40	0.0	0.0	0.0	
	420	08/15/2007 14:41	0.0	0.0	0.0	
	421	08/15/2007 14:42	0.0	0.0	0.0	
	422	08/15/2007 14:43	0.0	0.0	0.0	
	423	08/15/2007 14:44	0.0	0.0	0.0	
	424	08/15/2007 14:45	0.0	0.0	0.0	
	425	08/15/2007 14:46	0.0	0.0	0.0	
-	426	08/15/2007 14:47	0.0	0.0	0.0	
	427	08/15/2007 14:48	0.0	0.0	0.0	
	428	08/15/2007 14:49	0.0	0.0	0.0	
	429	08/15/2007 14:50	0.0	0.0	0.0	
	430	08/15/2007 14:51	0.0	0.0	0.0	
	431	08/15/2007 14:52	0.0	0.0	0.0	
	432	08/15/2007 14:53	0.0	0.0	0.0	
	433	08/15/2007 14:54	0.0	0.0	0.0	
	434	08/15/2007 14:55	0.0	0.0	0.0	
	435	08/15/2007 14:56	0.0	0.0	0.0	
	436	08/15/2007 14:57	0.0	0.0	0.0	
	437	08/15/2007 14:58	0.0	0.0	0.0	
	438	08/15/2007 14:59	0.0	0.0	0.0	
	439	08/15/2007 15:00	0.0	0.0	0.0	
	440	08/15/2007 15:01	0.0	0.0	0.0	
	441	08/15/2007 15:02	0.0	0.0	0.0	
	442	08/15/2007 15:03	0.0	0.0	0.0	
	443	08/15/2007 15:04	0.0	0.0	0.0	
	444	08/15/2007 15:05	0.0	0.0	0.0	
	445	08/15/2007 15:06	0.0	0.0	0.0	
	446	08/15/2007 15:07	0.0	0.0	0.0	
	447	08/15/2007 15:08	0.0	0.0	0.0	
	448	08/15/2007 15:09	0.0	0.0	0.0	
	449	08/15/2007 15:10	0.0	0.0	0.0	

	450	08/15/2007 15:11	0.0	0.0	0.0		
	451	08/15/2007 15:12	0.0	0.0	0.0		
	452	08/15/2007 15:13	0.0	0.0	0.0		
	453	08/15/2007 15:14	0.0	0.0	0.0		
	454	08/15/2007 15:15	0.0	0.0	0.0		
·	455	08/15/2007 15:16	0.0	0.0	0.0		
	456	08/15/2007 15:17	0.0	0.0	0.0		
· ·	457	08/15/2007 15:18	0.0	0.0	0.0		
	458	08/15/2007 15:19	0.0	0.0	0.0		
	459	08/15/2007 15:20	0.0	0.0	0.0		
	460	08/15/2007 15:21	0.0	0.0	0.0		
	461	08/15/2007 15:22	0.0	0.0	0.0		
	462	08/15/2007 15:23	0.0	0.0	0.0		
	463	08/15/2007 15:24	0.0	0.0	0.0		
	464	08/15/2007 15:25	0.0	0.0	0.0		
	465	08/15/2007 15:26	0.0	0.0	0.0		
	466	08/15/2007 15:27	0.0	0.0	0.0		
	467	08/15/2007 15:28	0.0	0.0	0.0		
	468	08/15/2007 15:29	0.0	0.0	0.0		
	469	08/15/2007 15:30	0.0	0.0	0.0		
	470	08/15/2007 15:31	0.0	0.0	0.0	•	
	471	08/15/2007 15:32	0.0	0.0	0.0		
	472	08/15/2007 15:33	0.0	0.0	0.0		
	473	08/15/2007 15:34	0.0	0.0	0.0		
	474	08/15/2007 15:35	0.0	0.0	0.0		
	475	08/15/2007 15:36	0.0	0.0	0.0		
	476	08/15/2007 15:37	0.0	0.0	0.0		
	477	08/15/2007 15:38	0.0	0.0	0.0		
	478	08/15/2007 15:39	0.0	0.0	0.0		
	479	08/15/2007 15:40	0.0	0.0	0.0		
	480	08/15/2007 15:41	0.0	0.0	0.0		,
	481	08/15/2007 15:42	0.0	0.0	0.0		
	482	08/15/2007 15:43	0.0	0.0	0.0		
	483	08/15/2007 15:44	0.0	0.0	0.0		
	484	08/15/2007 15:45	0.0	0.0	0.0		
	485	08/15/2007 15:46	0.0	0.0	0.0		
	486	08/15/2007 15:47	0.0	0.0	0.0		
	487	08/15/2007 15:48	0.0	0.0	0.0		
	488	08/15/2007 15:49	0.0	0.0	0.0		
	489	08/15/2007 15:50	0.0	0.0	0.0		
	490	08/15/2007 15:51	0.0	0.0	0.0		
	491	08/15/2007 15:52	0.0	0.0	0.0		
	492	08/15/2007 15:53	0.0	0.0	0.0		
	493	08/15/2007 15:54	0.0	0.0	0.0		
	494	08/15/2007 15:55	0.0	0.0	0.0		
	495	08/15/2007 15:56	0.0	0.0	0.0		

	496	08/15/2007 15:57	0.0	0.0	0.0		
	497	08/15/2007 15:58	0.0	0.0	0.0		
	498	08/15/2007 15:59	0.0	0.0	0.0		
	499	08/15/2007 16:00	0.0	0.0	0.0		
	500	08/15/2007 16:01	0.0	0.0	0.0		
	501	08/15/2007 16:02	0.0	0.0	0.0		
	502	08/15/2007 16:02	0.0	0.0	0.0		
•	503	08/15/2007 16:04	0.0	0.0	0.0		
	504	08/15/2007 16:05	0.0	0.0			
	505	08/15/2007 16:06	0.0		0.0		
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	507	08/15/2007 16:08	0.0	0.0	0.0		
	508	08/15/2007 16:09	0.0	0.0	0.0		
	509	08/15/2007 16:10	0.0	0.0	0.0		
	510	08/15/2007 16:11	0.0	0.0	0.0		
	511	08/15/2007 16:12	0.0	0.0	0.0		
•	512	08/15/2007 16:13	0.0	0.0	0.0		
	513	08/15/2007 16:14	0.0	0.0	0.0		
	514	08/15/2007 16:15	0.0	0.0	0.0		
	515	08/15/2007 16:16	0.0	0.0	0.0		
	516	08/15/2007 16:17	0.0	0.0	0.0		
	517	08/15/2007 16:18	0.0	0.0	0.0		
	518	08/15/2007 16:19	0.0	0.0	0.0		
	519	08/15/2007 16:20	0.0	0.0	0.0		
	520	08/15/2007 16:21	0.0	0.0	0.0		
	521	08/15/2007 16:22	0.0	0.0	0.0		
	522	08/15/2007 16:23	0.0	0.0	0.0		
	523	08/15/2007 16:24	0.0	0.0	0.0		
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	525	08/15/2007 16:26	0.0	0.0	0.0		
	526	08/15/2007 16:27	0.0	0.0	0.0		
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	529	08/15/2007 16:30	0.0	0.0	0.0		
	530	08/15/2007 16:31	0.0	0.0	0.0		
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	532	08/15/2007 16:32	0.0	0.0	0.0		
	533	08/15/2007 16:34	0.0	0.0	0.0		
	534	08/15/2007 16:35	0.0	0.0	0.0		
	535	08/15/2007 16:36	0.0	0.0	0.0		
	536	08/15/2007 16:37	0.0	0.0			
	537	08/15/2007 16:37	0.0		0.0		
	538	08/15/2007 16:38		0.0	0.0		
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	540	08/15/2007 16:41	0.0	0.0	0.0		
	541	08/15/2007 16:42	0.0	0.0	0.0		

542	08/15/2007 16:43	0.0	0.0	0.0
543	08/15/2007 16:44	0.0	0.0	0.0
544	08/15/2007 16:45	0.0	0.0	0.0
545	08/15/2007 16:46	0.0	0.0	0.0
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556	08/15/2007 16:57	0.0	0.0	0.0
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559	08/15/2007 17:00	0.0	0.0	0.0
560	08/15/2007 17:01	0.0	0.0	0.0
561	08/15/2007 17:01	0.0	0.0	0.0
562	08/15/2007 17:02	0.0	0.0	0.0
563	08/15/2007 17:04	0.0	0.0	0.0
564	08/15/2007 17:04	0.0	0.0	0.0
565	08/15/2007 17:06	0.0	0.0	0.0
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567	08/15/2007 17:07	0.0	0.0	0.0
568	08/15/2007 17:08	0.0	0.0	0.0
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571	08/15/2007 17:11	0.0	0.0	0.0
572	08/15/2007 17:12	0.0	0.0	0.0
573	08/15/2007 17:14		0.0	
574	08/15/2007 17:14	0.0	0.0	$0.0 \\ 0.0$
575	08/15/2007 17:16	0.0	0.0	0.0
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576	08/15/2007 17:17	0.0	0.0	0.0
577	08/15/2007 17:18	0.0	0.0	0.0
578	08/15/2007 17:19	0.0	0.0	0.0
579	08/15/2007 17:20	0.0	0.0	0.0
580	08/15/2007 17:21	0.0	0.0	0.0
581	08/15/2007 17:22	0.0	0.0	0.0
582	08/15/2007 17:23	0.0	0.0	0.0
583	08/15/2007 17:24	0.0	0.0	0.0
584	08/15/2007 17:25	0.0	0.0	0.0
585	08/15/2007 17:26	0.0	0.0	0.0
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Sen

Serial Number: 005550

User ID: 00000000 Data Points: 35

Site ID: 00000308 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 08/15/2007 06:34

Measurement Type:Min(ppm)Avg(ppm)Max(ppm)High Alarm Levels:100.0100.0100.0Low Alarm Levels:50.050.050.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	08/16/2007 06:55	0.0	0.3	0.6
2	08/16/2007 07:10	0.0	0.0	1.2
3	08/16/2007 07:25	0.0	0.0	0.1
4	08/16/2007 07:40	0.0	0.0	0.0
5	08/16/2007 07:55	0.0	0.0	0.0
6	08/16/2007 08:10	0.0	0.0	0.0
7	08/16/2007 08:25	0.0	0.0	0.0
8	08/16/2007 08:40	0.0	0.0	0.0
9	08/16/2007 08:55	0.0	0.0	0.0
10	08/16/2007 09:10	0.0	0.0	0.6
11	08/16/2007 09:25	0.0	0.0	0.0
12	08/16/2007 09:40	0.0	0.0	0.0
13	08/16/2007 09:55	0.0	0.0	0.0
14	08/16/2007 10:10	0.0	0.0	0.0
15	08/16/2007 10:25	0.0	0.0	0.0
16	08/16/2007 10:40	0.0	0.0	0.0
17	08/16/2007 10:55	0.0	0.0	0.0
18	08/16/2007 11:10	0.0	0.0	0.0
19	08/16/2007 11:25	0.0	0.0	0.0
20	08/16/2007 11:40	0.0	0.0	0.2
21	08/16/2007 11:55	0.0	0.0	0.0
22	08/16/2007 12:10	0.0	0.0	0.0
23	08/16/2007 12:25	0.0	0.0	0.0
24	08/16/2007 12:40	0.0	0.0	0.0
25	08/16/2007 12:55	0.0	0.0	0.1
26	08/16/2007 13:10	0.0	0.0	1.5
27	08/16/2007 13:25	0.0	0.0	0.2
28	08/16/2007 13:40	0.0	0.0	0.2
29	08/16/2007 13:55	0.0	0.0	0.1
30	08/16/2007 14:10	0.0	0.0	0.0
31	08/16/2007 14:25	0.0	0.0	0.0
32	08/16/2007 14:40	0.0	0.0	0.0
33	08/16/2007 14:55	0.0	0.0	1.6
34	08/16/2007 15:10	0.0	0.0	0.1
35	08/16/2007 15:25	0.0	0.0	0.1

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35,	47.0,	32.9,	50,	1.1813	,16:33:08	,16-Aug-2007
36,	53.5,	32.8,	51,	1.2706	,16:48:08	,16-Aug-2007

,

User ID: 00000001

Site ID: 00000010

Data Points: 36

Gas Name: Isobutylene

Sampi

Sample Period: 900 sec

Serial Number: 005453

Last Calibration Time: 08/15/2007 07:33

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

				50.0
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1	08/16/2007 07:59		0.0	0.0
2	08/16/2007 08:14		0.0	0.0
3	08/16/2007 08:29		0.0	0.0
4	08/16/2007 08:44		0.0	0.0
5	08/16/2007 08:59		0.0	0.0
6	08/16/2007 09:14		0.0	0.0
7	08/16/2007 09:29		0.0	0.0
8	08/16/2007 09:44		0.0	0.0
9	08/16/2007 09:59		0.0	0.0
10	08/16/2007 10:14		0.0	0.0
11	08/16/2007 10:29		0.0	0.0
12	08/16/2007 10:44		0.0	0.0
13	08/16/2007 10:59		0.0	0.0
14	08/16/2007 11:14		0.0	0.0
15	08/16/2007 11:29		0.0	0.0
16	08/16/2007 11:44		0.0	0.0
17	08/16/2007 11:59		0.0	0.0
18	08/16/2007 12:14	,	0.0	0.0
19	08/16/2007 12:29		0.0	0.0
20	08/16/2007 12:44		0.0	0.0
21	08/16/2007 12:59		0.0	0.0
22	08/16/2007 13:14		0.0	0.0
23	08/16/2007 13:29		0.0	0.0
24	08/16/2007 13:44		0.0	0.0
25	08/16/2007 13:59		0.0	0.0
26	08/16/2007 14:14		0.0	0.0
27	08/16/2007 14:29		0.0	0.0
28	08/16/2007 14:44		0.0	0.0
29	08/16/2007 14:59		0.0	0.0
30	08/16/2007 15:14		0.0	0.0
31	08/16/2007 15:29		0.0	0.0
32	08/16/2007 15:44		0.0	0.0
33	08/16/2007 15:59		0.0	0.0
34	08/16/2007 16:14		0.0	0.0
35	08/16/2007 16:29		0.0	0.0
36	08/16/2007 16:44		0.0	0.0

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User ID: 00000001

Site ID: 00000490

Data Points: 36 Gas Name: Isobutylene

Sample Period: 900 sec

Serial Number: 010364

Last Calibration Time: 08/15/2007 06:37

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

Low Alarm Levels:		50.0).0 	50.0
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(pp	m)
1	08/16/2007 06:57		0.0	0.2	
2	08/16/2007 07:12		0.0	0.2	
3	08/16/2007 07:27		0.1	0.2	
4	08/16/2007 07:42		0.1	0.3	
5	08/16/2007 07:57		0.1	0.3	
6	08/16/2007 08:12		0.1	0.2	
7	08/16/2007 08:27		0.1	0.3	
8	08/16/2007 08:42		0.1	0.2	
9	08/16/2007 08:57	•	0.1	0.3	ř
10	08/16/2007 09:12		0.1	0.9	
11	08/16/2007 09:27		0.1	0.3	
12	08/16/2007 09:42		0.1	0.3	
13	08/16/2007 09:57		0.1	0.3	
14	08/16/2007 10:12		0.1	0.3	
15	08/16/2007 10:27		0.1	0.4	
16	08/16/2007 10:42		0.1	0.2	
17	08/16/2007 10:57	•	0.1	0.2	
18	08/16/2007 11:12		0.1	0.3	
19	08/16/2007 11:27		0.1	0.3	
20	08/16/2007 11:42		0.1	0.4	
21	08/16/2007 11:57		0.1	0.3	
22	08/16/2007 12:12		0.0	0.3	
23	08/16/2007 12:27		0.0	0.4	
24	08/16/2007 12:42		0.0	0.2	
25	08/16/2007 12:57		0.0	0.2	
26	08/16/2007 13:12		0.0	0.3	
27	08/16/2007 13:27		0.0	0.2	
28	08/16/2007 13:42		0.0	0.3	
29	08/16/2007 13:57		0.0	0.1	
30	08/16/2007 14:12		0.0	0.1	
31	08/16/2007 14:27		0.0	0.3	
32	08/16/2007 14:42		0.0	0.1	
33	08/16/2007 14:57		0.0	0.1	
34	08/16/2007 15:12		0.0	0.1	
35	08/16/2007 15:27		0.0	0.2	
36	08/16/2007 15:42		0.0	3.0	

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User ID: 00000001

Site ID: 00000290

Data Points: 36

Gas Name: Isobutylene

Last Calibration Time: 08/15/2007 07:40

Serial Number: 009432

Sample Period: 900 sec

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

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	08/16/2007 08:00	0.0	0.0	0.0
2	08/16/2007 08:15	0.0	0.0	0.2
3	08/16/2007 08:30	0.0	0.0	0.3
4	08/16/2007 08:45	0.0	0.1	0.4
. 5	08/16/2007 09:00	0.0	0.1	0.3
6	08/16/2007 09:15	0.0	0.0	0.3
7	08/16/2007 09:30	0.0	0.0	0.0
8	08/16/2007 09:45	0.0	0.0	0.0
9	08/16/2007 10:00	0.0	0.0	0.0
10	08/16/2007 10:15	0.0	0.0	0.0
11	08/16/2007 10:30	0.0	0.0	0.1
12	08/16/2007 10:45	0.0	0.0	0.1
13	08/16/2007 11:00	0.0	0.0	0.2
14	08/16/2007 11:15	0.0	0.0	0.3
15	08/16/2007 11:30	0.0	0.0	0.3
16	08/16/2007 11:45	0.0	0.0	0.0
17	08/16/2007 12:00	0.0	0.0	0.9
18	08/16/2007 12:15	0.0	0.0	0.4
19	08/16/2007 12:30	0.0	0.0	0.1
20	08/16/2007 12:45	0.0	0.0	0.3
21	08/16/2007 13:00	0.0	0.0	0.5
22	08/16/2007 13:15	0.0	0.0	0.1
23	08/16/2007 13:30	0.0	0.0	0.0
24	08/16/2007 13:45	0.0	0.0	0.0
25	08/16/2007 14:00	0.0	0.0	0.0
26	08/16/2007 14:15	0.0	0.0	0.0
27	08/16/2007 14:30	0.0	0.0	0.1
28	08/16/2007 14:45	0.0	0.0	0.0
29	08/16/2007 15:00	0.0	0.0	0.0
30	08/16/2007 15:15	0.0	0.0	0.3
31	08/16/2007 15:30	0.0	0.0	0.3
32	08/16/2007 15:45	0.0	0.0	0.2
33	08/16/2007 16:00	0.0	0.0	0.5
34	08/16/2007 16:15	0.0	0.0	0.1
35	08/16/2007 16:30	0.0	0.0	0.2
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Instrument: MiniRAE 2000 (PGM7600) User ID: 00000000 Site ID: 00000309

Data Points: 7 Gas Name: Isobutylene

Last Calibration Time: 08/17/2007 08:08

Serial Number: 005550

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	5.0	5.0	5.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/17/2007 08:27	0.0	0.2	1.0	
2	08/17/2007 08:42	0.0	0.1	1.1	
3	08/17/2007 08:57	0.0	0.3	1.0	
4	08/17/2007 09:12	0.0	0.2	1.1	
5	08/17/2007 09:27	0.0	0.1	1.9	
6	08/17/2007 09:42	0.0	0.0	0.3	
7	08/17/2007 09:57	0.0	0.0	0.8	

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User ID: 00000000 Site ID: 00000310

Data Points: 29 Gas Name: Isobutylene

Last Calibration Time: 08/20/2007 06:39

Serial Number: 005550

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)	
High Alarm Levels:	5.0	5.0	5.0	
Low Alarm Levels:	50.0	50.0	50.0	

20	20 / 010.	0010		20.0	
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/20/2007 07:09	0.1	0.2	0.5	
2	08/20/2007 07:24	0.2	0.3	0.5	
3	08/20/2007 07:39	0.2	0.3	0.6	
4	08/20/2007 07:54	0.3	0.3	0.5	
5	08/20/2007 08:09	0.1	0.3	0.6	
6	08/20/2007 08:24	0.2	0.4	0.9	
7	08/20/2007 08:39	0.0	0.5	1.1	
8	08/20/2007 08:54	0.0	0.5	1.4	
9	08/20/2007 09:09	0.5	0.6	0.9	
10	08/20/2007 09:24	0.4	0.5	1.0	
11	08/20/2007 09:39	0.2	0.5	0.7	
12	08/20/2007 09:54	0.5	0.7	0.9	
13	08/20/2007 10:09	0.6	0.7	0.9	
14	08/20/2007 10:24	0.5	0.6	0.8	
15	08/20/2007 10:39	0.4	0.5	0.7	
16	08/20/2007 10:54	0.4	0.5	0.9	
17	08/20/2007 11:09	0.3	0.5	0.9	
18	08/20/2007 11:24	0.1	0.5	1.0	
19	08/20/2007 11:39	0.0	0.5	1.6	
20	08/20/2007 11:54	0.0	0.5	1.4	
21	08/20/2007 12:09	0.0	0.5	1.1	
22	08/20/2007 12:24	0.0	0.5	1.5	
23	08/20/2007 12:39	0.0	0.6	1.6	
24	08/20/2007 12:54	0.0	0.6	1.7	
25	08/20/2007 13:09	0.0	0.5	1.5	
26	08/20/2007 13:24	0.0	0.6	1.3	
27	08/20/2007 13:39	0.0	0.6	1.6	
28	08/20/2007 13:54	0.0	0.5	1.2	
29	08/20/2007 14:09	0.3	0.5	0.7	

Site ID: 00000011

Data Points: 30

Gas Name: Isobutylene

Last Calibration Time: 08/20/2007 07:44

Serial Number: 005453

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	08/20/2007 08:12		0.0	0.4
2	08/20/2007 08:27		0.1	0.4
3	08/20/2007 08:42		0.2	0.6
4	08/20/2007 08:57		0.1	0.5
5	08/20/2007 09:12		0.1	0.5
6	08/20/2007 09:27		0.1	0.4
7	08/20/2007 09:42		0.1	0.5
8	08/20/2007 09:57		0.1	0.6
9	08/20/2007 10:12		0.1	0.4
10	08/20/2007 10:27		0.0	0.3
11	08/20/2007 10:42		0.0	0.3
12	08/20/2007 10:57		0.0	0.2
13	08/20/2007 11:12		0.0	0.1
14	08/20/2007 11:27		0.0	0.1
15	08/20/2007 11:42		0.0	0.1
16	08/20/2007 11:57		0.0	0.1
17	08/20/2007 12:12		0.0	0.1
18	08/20/2007 12:27		0.0	0.1
19	08/20/2007 12:42		0.0	0.1
20	08/20/2007 12:57		0.0	0.1
21	08/20/2007 13:12		0.0	0.1
22	08/20/2007 13:27		0.0	0.1
23	08/20/2007 13:42		0.0	0.0
24	08/20/2007 13:57		0.0	0.1
25	08/20/2007 14:12		0.0	0.1
26	08/20/2007 14:27		0.0	0.1
27	08/20/2007 14:42		0.0	0.1
28	08/20/2007 14:57		0.0	0.1
29	08/20/2007 15:12		0.0	0.2
30	08/20/2007 15:27		0.0	0.2

User ID: 00000000 Site ID: 00000310

Data Points: 29 Gas Name: Isobutylene Sa.

Last Calibration Time: 08/20/2007 06:39

Serial Number: 005550

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)	
High Alarm Levels:	5.0	5.0	5.0	
Low Alarm Levels:	50.0	50.0	50.0	

			=========	
Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
08/20/2007 07:09	0.1	0.2	0.5	
08/20/2007 07:24	0.2	0.3	0.5	
08/20/2007 07:39	0.2	0.3	0.6	
08/20/2007 07:54	0.3	0.3	0.5	
08/20/2007 08:09	0.1	0.3	0.6	
08/20/2007 08:24	0.2	0.4	0.9	
08/20/2007 08:39	0.0	0.5	1.1	
08/20/2007 08:54	0.0	0.5	1.4	
08/20/2007 09:09	0.5	0.6	0.9	
08/20/2007 09:24	0.4	0.5	1.0	
08/20/2007 09:39	0.2	0.5	0.7	
08/20/2007 09:54	0.5	0.7	0.9	
08/20/2007 10:09	0.6	0.7	0.9	
08/20/2007 10:24	0.5	0.6	0.8	
08/20/2007 10:39	0.4	0.5	0.7	
08/20/2007 10:54	0.4	0.5	0.9	
08/20/2007 11:09	0.3	0.5	0.9	
08/20/2007 11:24	0.1	0.5	1.0	
08/20/2007 11:39	0.0	0.5	1.6	
08/20/2007 11:54	0.0	0.5	1.4	
08/20/2007 12:09	0.0	0.5	1.1	
08/20/2007 12:24	0.0	0.5	1.5	
08/20/2007 12:39	0.0	0.6	1.6	
08/20/2007 12:54	0.0	0.6	1.7	
08/20/2007 13:09	0.0	0.5	1.5	
08/20/2007 13:24	0.0	0.6	1.3	
08/20/2007 13:39	0.0	0.6	1.6	
08/20/2007 13:54	0.0	0.5	1.2	
08/20/2007 14:09	0.3	0.5	0.7	
	08/20/2007 07:24 08/20/2007 07:39 08/20/2007 07:54 08/20/2007 08:09 08/20/2007 08:24 08/20/2007 08:39 08/20/2007 08:54 08/20/2007 09:09 08/20/2007 09:24 08/20/2007 09:39 08/20/2007 10:09 08/20/2007 10:24 08/20/2007 10:54 08/20/2007 10:54 08/20/2007 11:39 08/20/2007 11:39 08/20/2007 11:54 08/20/2007 11:54 08/20/2007 12:24 08/20/2007 12:39 08/20/2007 12:39 08/20/2007 12:54 08/20/2007 13:39 08/20/2007 13:39 08/20/2007 13:39 08/20/2007 13:54	08/20/2007 07:09	08/20/2007 07:09	08/20/2007 07:09

Serial Number: 009432

User ID: 00000001

Site ID: 00000292

Data Points: 31

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 08/20/2007 07:51

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

Low Alatin Levels.		50.(J JO.(
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/20/2007 08:30	0.1	0.1	0.3	
2	08/20/2007 08:45	0.2	0.3	0.5	
3	08/20/2007 09:00	0.2	0.3	0.4	
4	08/20/2007 09:15	0.2	0.2	0.4	
5	08/20/2007 09:30	0.2	0.3	0.4	
6	08/20/2007 09:45	0.3	0.3	0.5	
7	08/20/2007 10:00	0.4	0.5	0.7	
8	08/20/2007 10:15	0.4	0.5	0.7	
9	08/20/2007 10:30	0.2	0.2	0.5	
10	08/20/2007 10:45	0.2	0.2	0.3	
11	08/20/2007 11:00	0.1	0.2	0.3	
12	08/20/2007 11:15	0.0	0.2	0.5	
13	08/20/2007 11:30	0.0	0.1	0.4	
14	08/20/2007 11:45	0.2	0.2	0.3	
15	08/20/2007 12:00	0.2	0.2	0.3	
16	08/20/2007 12:15	0.2	0.2	0.3	
17	08/20/2007 12:30	0.2	0.2	0.3	
18	08/20/2007 12:45	0.2	0.2	0.4	
19	08/20/2007 13:00	0.1	0.2	0.4	
20	08/20/2007 13:15	0.1	0.2	0.4	
21	08/20/2007 13:30	0.1	0.2	0.4	
22	08/20/2007 13:45	0.1	0.2	0.5	
23	08/20/2007 14:00	0.1	0.2	0.7	
24	08/20/2007 14:15	0.1	0.2	0.5	
25	08/20/2007 14:30	0.1	0.2	0.4	
26	08/20/2007 14:45	0.1	0.3	0.8	
27	08/20/2007 15:00	0.1	0.2	0.4	
28	08/20/2007 15:15	0.2	0.3	0.4	
29	08/20/2007 15:30	0.2	0.3	0.4	
30	08/20/2007 15:45	0.3	0.3	0.5	
31	08/20/2007 16:00	0.3	0.3	0.4	

Site ID: 00000016

Data Points: 15

Gas Name: Isobutylene

Last Calibration Time: 08/21/2007 07:43

Serial Number: 005453

Sample Period: 900 sec

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	08/21/2007 10:32		0.0	0.0	
2	08/21/2007 10:47		0.0	0.0	
3	08/21/2007 11:02		0.0	0.0	
4	08/21/2007 11:17		0.0	0.0	
5	08/21/2007 11:32		0.0	0.0	
6	08/21/2007 11:47		0.0	0.0	
7	08/21/2007 12:02		0.0	0.0	
8	08/21/2007 12:17		0.0	0.0	
9	08/21/2007 12:32	•	0.0	0.0	
10	08/21/2007 12:47		0.0	0.0	
11	08/21/2007 13:02		0.0	0.0	
12	08/21/2007 13:17		0.0	0.0	
13	08/21/2007 13:32		0.0	0.0	
14	08/21/2007 13:47		0.0	0.0	
15	08/21/2007 14:02		0.0	0.0	

User ID: 00000000 Site ID: 00000314

Data Points: 22 Gas Name: Isobutylene

Last Calibration Time: 08/21/2007 06:46

Serial Number: 005550

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	5.0	5.0	5.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/21/2007 06:56	0.3	1.0	1.5	
2	08/21/2007 07:11	1.0	1.2	1.6	
3	08/21/2007 07:26	1.3	1.5	1.9	
4	08/21/2007 07:41	1.4	1.7	2.1	
5	08/21/2007 07:56	0.2	1.8	3.4	
6	08/21/2007 08:11	1.6	1.9	2.8	
7	08/21/2007 08:26	1.0	2.0	3.3	
8	08/21/2007 08:41	1.9	2.2	2.8	
9	08/21/2007 08:56	2.2	2.3	2.6	
10	08/21/2007 09:11	2.1	2.3	2.7	
11	08/21/2007 09:26	2.1	2.4	2.9	
12	08/21/2007 09:41	1.3	2.4	3.7	
13	08/21/2007 09:56	2.2	2.6	4.0	
14	08/21/2007 10:11	2.1	2.5	4.5	
15	08/21/2007 10:26	2.1	2.5	3.0	
16	08/21/2007 10:41	2.3	2.6	3.1	
17	08/21/2007 10:56	1.3	2.2	3.6	
18	08/21/2007 11:11	1.8	2.1	2.5	
19	08/21/2007 11:26	2.0	2.3	3.2	
20	08/21/2007 11:41	1.4	2.7	3.6	
21	08/21/2007 11:56	2.8	3.4	4.4	
22	08/21/2007 12:11	3.6	4.6	6.5 H	

User ID: 00000001 Site ID: 00000294

Data Points: 28 Gas Name: Isobutylene Sample Period: 900 sec

Last Calibration Time: 08/21/2007 08:04

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

Serial Number: 009432

Low Alarm Levels:		30.(30.0) 30.0	
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/21/2007 08:12	0.3	0.5	0.7	
2	08/21/2007 08:27	0.6	0.6	0.8	•
3	08/21/2007 08:42	0.7	0.7	0.9	
4	08/21/2007 08:57	0.3	0.9	1.0	
5	08/21/2007 09:12	0.6	0.9	2.0	
6	08/21/2007 09:27	0.4	0.7	0.9	
7	08/21/2007 09:42	0.6	0.6	0.8	
8	08/21/2007 09:57	0.6	0.7	1.1	
9	08/21/2007 10:12	0.5	0.7	1.0	
10	08/21/2007 10:27	0.6	0.6	0.8	
11	08/21/2007 10:42	0.6	0.7	0.9	
12	08/21/2007 10:57	0.6	0.7	1.0	
13	08/21/2007 11:12	0.3	0.4	0.6	
14	08/21/2007 11:27	0.2	0.3	1.2	
15	08/21/2007 11:42	0.3	0.3	0.4	
16	08/21/2007 11:57	0.3	0.3	0.4	
17	08/21/2007 12:12	0.2	0.2	0.3	
18	08/21/2007 12:27	0.2	0.2	0.4	
19	08/21/2007 12:42	0.2	0.2	0.4	
20	08/21/2007 12:57	0.2	0.2	0.4	
21	08/21/2007 13:12	0.2	0.2	0.3	
22	08/21/2007 13:27	0.3	0.3	0.4	
23	08/21/2007 13:42	0.3	0.3	0.5	
24	08/21/2007 13:57	0.4	0.4	0.5	
25	08/21/2007 14:12	0.4	0.4	0.5	
26	08/21/2007 14:27	0.4	0.4	0.5	
27	08/21/2007 14:42	0.4	0.5	0.6	
28	08/21/2007 14:57	0.5	0.5	0.6	

Site ID: 00000020

Sample Period: 900 sec Data Points: 33 Gas Name: Isobutylene

Last Calibration Time: 08/22/2007 07:58

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

Serial Number: 005453

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	=
1	08/22/2007 08:15		0.1	1.1	_
2	08/22/2007 08:30		0.0	1.0	
3	08/22/2007 08:45		0.0	0.6	
4	08/22/2007 09:00		0.0	0.1	
5 '	08/22/2007 09:15		0.0	0.0	
6	08/22/2007 09:30		0.0	0.0	
7	08/22/2007 09:45		0.0	0.0	
8	08/22/2007 10:00		0.0	0.0	
9	08/22/2007 10:15		0.0	0.0	
10	08/22/2007 10:30		0.0	0.0	
11	08/22/2007 10:45		0.0	0.0	
12	08/22/2007 11:00		0.0	0.0	
13	08/22/2007 11:15		0.0	0.0	
14	08/22/2007 11:30		0.0	0.0	
15	08/22/2007 11:45		0.0	0.0	
16	08/22/2007 12:00		0.0	0.0	
17	08/22/2007 12:15		0.0	0.0	
18	08/22/2007 12:30		0.0	0.0	
19	08/22/2007 12:45		0.0	0.0	
20	08/22/2007 13:00		0.0	0.0	
21	08/22/2007 13:15		0.0	0.0	
22	08/22/2007 13:30		0.0	0.0	
23	08/22/2007 13:45		0.0	0.0	
24	08/22/2007 14:00		0.0	0.0	
25	08/22/2007 14:15		0.0	0.0	
26	08/22/2007 14:30		0.0	0.0	
27	08/22/2007 14:45		0.0	0.0	
28	08/22/2007 15:00		0.0	0.0	
29	08/22/2007 15:15		0.0	0.0	
30	08/22/2007 15:30		0.0	0.0	
31	08/22/2007 15:45		0.0	0.0	
32	08/22/2007 16:00		0.0	0.0	
33	08/22/2007 16:15		0.0	0.0	

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User ID: 00000000

Site ID: 00000317

Data Points: 23

Gas Name: Isobutylene

Last Calibration Time: 08/22/2007 06:40

Serial Number: 005550

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Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	5.0	5.0	5.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/22/2007 06:58	0.0	0.0	0.0	
2	08/22/2007 07:13	0.0	0.0	0.0	
3	08/22/2007 07:28	0.0	0.0	0.0	
4	08/22/2007 07:43	0.0	0.0	0.0	
5	08/22/2007 07:58	0.0	0.0	0.0	
6	08/22/2007 08:13	0.0	0.0	0.0	
7	08/22/2007 08:28	0.0	0.0	0.0	
8	08/22/2007 08:43	0.0	0.0	0.0	
9	08/22/2007 08:58	0.0	0.0	0.0	
10	08/22/2007 09:13	0.0	0.0	0.0	
11	08/22/2007 09:28	0.0	0.0	0.0	
12	08/22/2007 09:43	0.0	0.0	0.0	
13	08/22/2007 09:58	0.0	0.0	0.0	
14	08/22/2007 10:13	0.0	0.0	0.0	
15	08/22/2007 10:28	0.0	0.0	0.0	
16	08/22/2007 10:43	0.0	0.0	0.0	
17	08/22/2007 10:58	0.0	0.0	0.0	
18	08/22/2007 11:13	0.0	0.0	0.0	
19	08/22/2007 11:28	0.0	0.0	0.0	
20	08/22/2007 11:43	0.0	0.0	0.0	
21	08/22/2007 11:58	0.0	0.0	0.0	
22	08/22/2007 12:13	0.0	0.0	0.0	
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Serial Number: 009432

User ID: 00000001

Site ID: 00000295

Data Points: 33

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 08/22/2007 07:59

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

Avg(ppm) 100.0 50.0

larm Levels:	50.0) 50.	0 50.0	
Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
08/22/2007 08:15	0.3	0.6	0.9	
08/22/2007 08:30	0.1	0.2	0.6	
08/22/2007 08:45	0.1	0.1	0.2	
08/22/2007 09:00	0.1	0.1	0.2	
08/22/2007 09:15	0.2	0.2	0.3	
08/22/2007 09:30	0.2	0.2	0.3	
08/22/2007 09:45	0.2	0.2	0.3	
08/22/2007 10:00	0.2	0.2	0.3	
08/22/2007 10:15	0.2	0.3	0.4	
08/22/2007 10:30	0.3	0.3	0.4	
08/22/2007 10:45	0.2	0.3	0.4	
08/22/2007 11:00	0.3	0.3	0.4	
08/22/2007 11:15	. 0.3	0.3	0.5	
08/22/2007 11:30	0.3	0.3	0.4	
08/22/2007 11:45	0.3	0.3	0.4	
08/22/2007 12:00	0.2	0.3	0.4	
08/22/2007 12:15	0.3	0.3	0.4	
08/22/2007 12:30	0.3	0.3	0.5	
08/22/2007 12:45	0.3	0.3	0.5	
08/22/2007 13:00	0.4	0.8	1.6	
08/22/2007 13:15	0.5	0.9	1.3	
08/22/2007 13:30	0.6	1.1	1.5	
08/22/2007 13:45	0.6	1.0	1.4	
08/22/2007 14:00	0.6	1.1	1.5	
08/22/2007 14:15	0.9	1.1	1.3	
08/22/2007 14:30	1.0	1.0	1.3	
08/22/2007 14:45	0.8	1.0	1.3	
08/22/2007 15:00	0.6	1.0	1.4	
08/22/2007 15:15	0.8	1.0	1.3	
08/22/2007 15:30	0.8	1.1	1.4	
08/22/2007 15:45	0.7	1.1	1.4	
08/22/2007 16:00	0.9	1.2	1.5	
08/22/2007 16:15	0.9	1.2	1.5	
	Date Time 08/22/2007 08:15 08/22/2007 08:30 08/22/2007 09:45 08/22/2007 09:15 08/22/2007 09:45 08/22/2007 10:00 08/22/2007 10:15 08/22/2007 10:45 08/22/2007 11:15 08/22/2007 11:45 08/22/2007 11:45 08/22/2007 12:00 08/22/2007 12:15 08/22/2007 12:30 08/22/2007 12:45 08/22/2007 12:45 08/22/2007 13:30 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:45 08/22/2007 13:50 08/22/2007 14:15 08/22/2007 14:15 08/22/2007 15:15 08/22/2007 15:15 08/22/2007 15:30 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45 08/22/2007 15:45	Date Time Min(ppm) 08/22/2007 08:15 0.3 08/22/2007 08:30 0.1 08/22/2007 09:00 0.1 08/22/2007 09:15 0.2 08/22/2007 09:30 0.2 08/22/2007 09:45 0.2 08/22/2007 10:00 0.2 08/22/2007 10:30 0.3 08/22/2007 10:45 0.2 08/22/2007 10:45 0.2 08/22/2007 11:00 0.3 08/22/2007 11:15 0.3 08/22/2007 11:45 0.3 08/22/2007 12:00 0.2 08/22/2007 12:15 0.3 08/22/2007 12:30 0.3 08/22/2007 12:45 0.3 08/22/2007 13:00 0.4 08/22/2007 13:30 0.6 08/22/2007 14:00 0.6 08/22/2007 14:30 1.0 08/22/2007 14:45 0.8 08/22/2007 15:00 0.6 08/22/2007 15:00 0.6 08/22/2007 15:15 0.8 08/22/2007 15:30 0.8 08/22/2007 15:45	Date Time Min(ppm) Avg(ppm) 08/22/2007 08:15 0.3 0.6 08/22/2007 08:30 0.1 0.2 08/22/2007 08:45 0.1 0.1 08/22/2007 09:00 0.1 0.1 08/22/2007 09:15 0.2 0.2 08/22/2007 09:30 0.2 0.2 08/22/2007 10:00 0.2 0.2 08/22/2007 10:15 0.2 0.3 08/22/2007 10:30 0.3 0.3 08/22/2007 10:45 0.2 0.3 08/22/2007 10:45 0.2 0.3 08/22/2007 11:00 0.3 0.3 08/22/2007 11:15 0.3 0.3 08/22/2007 11:45 0.3 0.3 08/22/2007 12:00 0.2 0.3 08/22/2007 12:15 0.3 0.3 08/22/2007 12:45 0.3 0.3 08/22/2007 13:00 0.4 0.8 08/22/2007 13:00 0.4 0.8 08/22/2007 14:00 0.6 1.1 08/22/2007 14:00	Date Time Min(ppm) Avg(ppm) Max(ppm) 08/22/2007 08:15 0.3 0.6 0.9 08/22/2007 08:30 0.1 0.2 0.6 08/22/2007 09:45 0.1 0.1 0.2 08/22/2007 09:15 0.2 0.2 0.3 08/22/2007 09:45 0.2 0.2 0.3 08/22/2007 10:00 0.2 0.2 0.3 08/22/2007 10:15 0.2 0.2 0.3 08/22/2007 10:00 0.2 0.2 0.3 08/22/2007 10:15 0.2 0.3 0.4 08/22/2007 10:30 0.3 0.3 0.4 08/22/2007 11:45 0.2 0.3 0.4 08/22/2007 11:30 0.3 0.3 0.4 08/22/2007 11:45 0.3 0.3 0.4 08/22/2007 11:30 0.3 0.3 0.5 08/22/2007 12:00 0.2 0.3 0.4 08/22/2007 12:45 0.3 0.3 0.5 08/22/2007 13:30 0.4

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Site ID: 00000021

Data Points: 32

Gas Name: Isobutylene

Last Calibration Time: 08/23/2007 07:31

Serial Number: 005453

Sample Period: 900 sec

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	08/23/2007 07:47		0.0	0.0	
2	08/23/2007 08:02		0.0	0.0	
3	08/23/2007 08:17		0.1	2.3	
4	08/23/2007 08:32		0.0	1.1	
5	08/23/2007 08:47		0.1	1.9	
6	08/23/2007 09:02		0.0	0.0	
7	08/23/2007 09:17		0.0	0.0	
8	08/23/2007 09:32		0.0	0.0	
9	08/23/2007 09:47		0.0	0.1	
10	08/23/2007 10:02		0.0	0.0	
11	08/23/2007 10:17		0.0	0.0	
12	08/23/2007 10:32		0.0	0.0	
13	08/23/2007 10:47		0.0	0.0	
- 14	08/23/2007 11:02		0.0	0.0	
15	08/23/2007 11:17		0.0	0.0	
16	08/23/2007 11:32		0.0	0.0	
17	08/23/2007 11:47		0.0	0.0°	
18	08/23/2007 12:02		0.0	0.0	
19	08/23/2007 12:17		0.0	0.0	
20	08/23/2007 12:32		0.0	0.0	
21	08/23/2007 12:47		0.0	0.0	
22	08/23/2007 13:02		0.0	0.0	
23	08/23/2007 13:17		0.0	0.0	
24	08/23/2007 13:32		0.0	0.0	
25	08/23/2007 13:47		0.0	0.0	
26	08/23/2007 14:02		0.0	0.0	
27	08/23/2007 14:17		0.0	0.0	
28	08/23/2007 14:32		0.0	0.0	
29	08/23/2007 14:47		0.0	0.0	
30	08/23/2007 15:02		0.0	0.0	
31	08/23/2007 15:17		0.0	0.0	
32	08/23/2007 15:32		0.0	0.0	

User ID: 00000000 Site ID: 00000320

Data Points: 31 Gas Name: Isobutylene

Last Calibration Time: 08/23/2007 06:38

Sample Period: 900 sec

Serial Number: 005550

		=	
Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	5.0	5.0	5.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/23/2007 06:58	0.0	0.3	1.8	
2	08/23/2007 07:13	0.0	0.0	1.0	
3	08/23/2007 07:28	0.0	0.0	1.4	
4	08/23/2007 07:43	0.0	0.1	2.4	
5	08/23/2007 07:58	0.0	0.1	1.8	
6	08/23/2007 08:13	0.0	0.0	0.0	
7	08/23/2007 08:28	0.0	0.0	0.0	
8	08/23/2007 08:43	0.0	0.2	2.8	
9	08/23/2007 08:58	0.0	0.0	0.9	
10	08/23/2007 09:13	0.0	0.0	1.1	
11	08/23/2007 09:28	0.0	0.0	0.8	
12	08/23/2007 09:43	0.0	0.0	2.0	
13	08/23/2007 09:58	0.0	0.6	2.9	
14	08/23/2007 10:13	0.0	0.0	0.7	
15	08/23/2007 10:28	0.0	0.0	1.2	
16	08/23/2007 10:43	0.0	0.0	0.0	
17	08/23/2007 10:58	0.0	0.0	0.0	
18	08/23/2007 11:13	0.0	0.0	0.0	
19	08/23/2007 11:28	0.0	0.0	0.0	
20	08/23/2007 11:43	0.0	0.0	0.0	
21	08/23/2007 11:58	0.0	0.0	0.0	
22	08/23/2007 12:13	0.0	0.0	0.0	
23	08/23/2007 12:28	0.0	0.0	0.0	
24	08/23/2007 12:43	0.0	0.0	0.0	
25	08/23/2007 12:58	0.0	0.0	0.0	
26	08/23/2007 13:13	0.0	0.0	0.0	
27	08/23/2007 13:28	0.0	0.0	0.0	
28	08/23/2007 13:43	0.0	0.0	0.0	
29	08/23/2007 13:58	0.0	0.0	0.0	
30	08/23/2007 14:13	0.0	0.0	0.0	
31	08/23/2007 14:28	0.0	0.0	0.0	

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Site ID: 00000297

Data Points: 32

Gas Name: Isobutylene

Last Calibration Time: 08/23/2007 07:47

Serial Number: 009432

Sample Period: 900 sec

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 08/23/2007 08:05 0.0 0.0 0.0 2 08/23/2007 08:20 0.0 0.0 0.1 3 08/23/2007 08:35 0.0 0.1 0.3 4 08/23/2007 09:05 0.0 0.1 0.3 5 08/23/2007 09:25 0.0 0.1 0.2 6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:50 0.0 0.0 0.2 7 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.3 9 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:35 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9			A()	Min(nn)	Date Time	======================================
2 08/23/2007 08:20 0.0 0.0 0.1 3 08/23/2007 08:35 0.0 0.1 0.3 4 08/23/2007 09:05 0.0 0.1 0.3 5 08/23/2007 09:05 0.0 0.1 0.2 6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:50 0.0 0.0 0.4 8 08/23/2007 10:05 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:50 0.0 0.0 0.7 12 08/23/2007 11:05 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18	=======	Max(ppm)	Avg(ppm) ======	Min(ppm) 	Date Time	Line#
3 08/23/2007 08:35 0.0 0.1 0.3 4 08/23/2007 08:50 0.0 0.1 0.3 5 08/23/2007 09:05 0.0 0.1 0.2 6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:55 0.0 0.0 0.4 8 08/23/2007 10:05 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:35 0.0 0.0 0.0 20 <td></td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>08/23/2007 08:05</td> <td>1</td>		0.0	0.0	0.0	08/23/2007 08:05	1
4 08/23/2007 08:50 0.0 0.1 0.2 5 08/23/2007 09:05 0.0 0.1 0.2 6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:35 0.0 0.0 0.4 8 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:35 0.0 0.0 0.1 19 08/23/2007 13:05 0.0 0.0 0.0 20 <td></td> <td>0.1</td> <td>0.0</td> <td>0.0</td> <td>08/23/2007 08:20</td> <td>2</td>		0.1	0.0	0.0	08/23/2007 08:20	2
5 08/23/2007 09:05 0.0 0.1 0.2 6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:35 0.0 0.0 0.4 8 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:35 0.0 0.0 0.1 19 08/23/2007 12:50 0.0 0.0 0.0 20 08/23/2007 13:05 0.0 0.0 0.0 21 </td <td></td> <td>0.3</td> <td>0.1</td> <td>0.0</td> <td>08/23/2007 08:35</td> <td>3</td>		0.3	0.1	0.0	08/23/2007 08:35	3
6 08/23/2007 09:20 0.0 0.0 0.2 7 08/23/2007 09:35 0.0 0.0 0.4 8 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:35 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.0 20 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23<		0.3	0.1	0.0	08/23/2007 08:50	
7 08/23/2007 09:35 0.0 0.0 0.4 8 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.0 20 08/23/2007 13:05 0.0 0.0 0.0 21 08/23/2007 13:20 0.0 0.0 0.0 22 08/23/2007 13:35 0.0 0.0 0.0 24		0.2	0.1	0.0	08/23/2007 09:05	5
8 08/23/2007 09:50 0.0 0.1 0.3 9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 13:05 0.0 0.0 0.0 21 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:50 0.0 0.0 0.0 24 08/23/2007 14:05 0.0 0.0 0.0 2		0.2	0.0	0.0	08/23/2007 09:20	6
9 08/23/2007 10:05 0.0 0.1 0.5 10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.0 22 08/23/2007 13:35 0.0 0.0 0.0 23 08/23/2007 13:50 0.0 0.0 0.0 24 08/23/2007 14:05 0.0 0.0 0.0		0.4	0.0	0.0	08/23/2007 09:35	
10 08/23/2007 10:20 0.0 0.0 0.2 11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.0 22 08/23/2007 13:20 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 <td< td=""><td></td><td>0.3</td><td>0.1</td><td>0.0</td><td></td><td>8</td></td<>		0.3	0.1	0.0		8
11 08/23/2007 10:35 0.0 0.0 0.7 12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 11:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:50 0.0 0.0 0.0 24 08/23/2007 14:05 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 <td< td=""><td></td><td>0.5</td><td>0.1</td><td>0.0</td><td>08/23/2007 10:05</td><td>9</td></td<>		0.5	0.1	0.0	08/23/2007 10:05	9
12 08/23/2007 10:50 0.0 0.0 0.5 13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 11:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 27 08/23/2007 14:35 0.0 0.0 0.0 <td></td> <td>0.2</td> <td>0.0</td> <td>0.0</td> <td>08/23/2007 10:20</td> <td>10</td>		0.2	0.0	0.0	08/23/2007 10:20	10
13 08/23/2007 11:05 0.0 0.3 2.9 14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 11:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 27 08/23/2007 14:35 0.0 0.0 0.0		0.7	0.0	0.0	08/23/2007 10:35	11
14 08/23/2007 11:20 0.1 0.2 0.7 15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 12:05 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 27 08/23/2007 14:35 0.0 0.0 0.0		0.5	0.0	0.0	08/23/2007 10:50	12
15 08/23/2007 11:35 0.1 0.3 1.1 16 08/23/2007 11:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 27 08/23/2007 14:35 0.0 0.0 0.0		2.9	0.3	0.0	08/23/2007 11:05	13
16 08/23/2007 11:50 0.0 0.1 0.5 17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.0 27 08/23/2007 14:35 0.0 0.0 0.0		0.7	0.2	0.1	08/23/2007 11:20	14
17 08/23/2007 12:05 0.0 0.0 0.5 18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		1.1	0.3	0.1	08/23/2007 11:35	15
18 08/23/2007 12:20 0.0 0.0 0.1 19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.5	0.1	0.0	08/23/2007 11:50	16
19 08/23/2007 12:35 0.0 0.0 0.2 20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.5	0.0	0.0	08/23/2007 12:05	17
20 08/23/2007 12:50 0.0 0.0 0.0 21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.1	0.0	0.0	08/23/2007 12:20	18
21 08/23/2007 13:05 0.0 0.0 0.1 22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.2	0.0	0.0	08/23/2007 12:35	19
22 08/23/2007 13:20 0.0 0.0 0.0 23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 12:50	20
23 08/23/2007 13:35 0.0 0.0 0.0 24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.1	0.0	0.0	08/23/2007 13:05	21
24 08/23/2007 13:50 0.0 0.0 0.0 25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 13:20	22
25 08/23/2007 14:05 0.0 0.0 0.0 26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 13:35	23
26 08/23/2007 14:20 0.0 0.0 0.3 27 08/23/2007 14:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 13:50	24
27 08/23/2007 14:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 14:05	25
		0.3	0.0	0.0	08/23/2007 14:20	26
28 08/23/2007 14:50		0.0	0.0	0.0	08/23/2007 14:35	27
		0.0	0.0	0.0	08/23/2007 14:50	28
29 08/23/2007 15:05 0.0 0.0 0.1		0.1	0.0	0.0	08/23/2007 15:05	29
30 08/23/2007 15:20 0.0 0.0 0.4		0.4	0.0	0.0	08/23/2007 15:20	30
31 08/23/2007 15:35 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 15:35	31
32 08/23/2007 15:50 0.0 0.0 0.0		0.0	0.0	0.0	08/23/2007 15:50	32

Serial Number: 005550

User ID: 00000000 Data Points: 18 G Site ID: 00000322

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 08/23/2007 06:38

Measurement Type: Min(ppm) Avg(ppm) Max(ppm)
High Alarm Levels: 5.0 5.0 5.0
Low Alarm Levels: 50.0 50.0 50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/27/2007 07:23	0.0	0.0	0.0	
2	08/27/2007 07:38	0.0	0.0	0.0	
3	08/27/2007 07:53	0.0	0.0	0.0	
4	08/27/2007 08:08	0.0	0.0	0.0	
5	08/27/2007 08:23	0.0	0.0	0.0	
6	08/27/2007 08:38	0.0	0.0	0.0	
7	08/27/2007 08:53	0.0	0.0	0.0	
8	08/27/2007 09:08	0.0	0.0	0.0	
9	08/27/2007 09:23	0.0	0.0	0.0	
10	08/27/2007 09:38	0.0	0.0	0.0	
11	08/27/2007 09:53	0.0	0.0	0.0	
12	08/27/2007 10:08	0.0	0.0	0.0	
13	08/27/2007 10:23	0.0	0.0	0.0	
14	08/27/2007 10:38	0.0	0.0	0.0	
15	08/27/2007 10:53	0.0	0.0	0.0	
16	08/27/2007 11:08	0.0	0.0	0.0	
17	08/27/2007 11:23	0.0	0.0	0.0	
18	08/27/2007 11:38	0.0	0.0	0.0	

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8-27-07 dust1.txt
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                       27-Aug-2007
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                       19
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"SIZE_CORRECT"
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"DISABLED"
"TEMPUNITS
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2.209390
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"Avg MASS
"Max Diam
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"Max Diam @
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                        "ENABLED"
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"AUTO_ZERO
                        "DISABLED"
"AZ INTERVAL
"Errors
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,08:42:33
,08:57:33
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, 27 - Aug - 2007
, 27 - Aug - 2007
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0.2905
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,27-Aug-2007
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,11:57:33
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, 27 - Aug - 2007
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,12:42:33
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32.2,
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8-27-07 dust2.txt "DataRAM 4 ", 104

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"TEMPUNITS C

"Model Number", "Serial no.

"Device no.

"Tag Number

"Start Time

"Start Date

"Log Period

"Max MASS 47.248180

1 ,08:21:59 12.950260 "Max MASS @ , 27-Aug-2007

"D328

08:06:59

00:15:00

27-Aug-2007

2

9

"Avg MASS "Max Diam 4.126960

"Max Diam @ ,08:36:59 , 27-Aug-2007

"Avg Diam 3.980385 "ENABLED" "ALARM_LEVEL 100.0 "DISABLED" "AUTO_ZERO

"AZ INTERVAL 1

"Errors 0001)ug/m3", Tem 47.2, 23.3, RHumidity, Diameter 64, 4.0601,08:2 record, " (MASS Temp, 1, ,08:21:59

,27-Aug-2007 ,27-Aug-2007 ,08:36:59 ,08:51:59 ,09:06:59 23.4, 67, 4.1270 4.1270 21.8, 2, 23.6, ,27-Aug-2007 ,27-Aug-2007 11.3, 69, 23.9, 3.6138 69, 11.8, ,09:21:59 10.9, 24.0, 70, 3.1113 , 27 - Aug - 2007 ,09:36:59 ,09:51:59 ,10:06:59 23.9, 4.1254 , 27 - Aug - 2007 70, 6, 12.5, 4.1270 4.1270 ,27-Aug-2007 ,27-Aug-2007 12.6, 23.8, 71, 23.9, 71, 10.6, 8, , 10:21:59 70, 9, 9.0, 24.0, 4.1245 , 27-Aug-2007 ,10:36:59 ,10:51:59 , 27 - Aug - 2007 8.4, 24.2, 4.1223 10, 70, ,27-Aug-2007 ,27-Aug-2007 11, 7.4, 24.7, 69, 4.0960 ,11:06:59 ,11:21:59 7.3, 25.3, 4.0966 12, 68, 26.4, 67, , 27 - Aug - 2007 13, 6.7, 4.0828 ,11:36:59 ,11:51:59 ,27-Aug-2007 ,27-Aug-2007 ,27-Aug-2007 14, 8.9, 28.3, 64, 3.9272 15, 10.6, 31.2, 59, 4.1185

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,13:21:59 7.0, 36, 21. 40.3, 4.0705 , 27 - Aug - 2007 3.2798 ,13:36:59 , 27 - Aug - 2007 4.2, 22, 41.2, 34, , 13:51:59 23. 30.8, 41.7, 32. 3.5913 , 27-Aug-2007

User ID: 00000000

Site ID: 00000312

Data Points: 191

Gas Name: Isobutylene

Last Calibration Time: 08/24/2007 10:44

Serial Number: 005760

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)	
High Alarm Levels:	5.0	5.0	5.0	
Low Alarm Levels:	5.0	5.0	5.0	

LOW P	Marin Levels.	3.0	3.0	5.0	
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/27/2007 09:44	0.0	0.0	0.0	
2	08/27/2007 09:45	0.0	0.0	0.0	
3	08/27/2007 09:46	0.0	0.0	0.0	
4	08/27/2007 09:47	0.0	0.0	0.0	
5	08/27/2007 09:48	0.0	0.0	0.0	
6	08/27/2007 09:49	0.0	0.0	0.0	
7	08/27/2007 09:50	0.0	0.0	0.0	
8	08/27/2007 09:51	0.0	0.0	0.0	
9	08/27/2007 09:52	0.0	0.0	0.0	
10	08/27/2007 09:53	0.0	0.0	0.0	
11	08/27/2007 09:54	0.0	0.0	0.0	
12	08/27/2007 09:55	0.0	0.0	0.0	
13	08/27/2007 09:56	0.0	0.0	0.0	
14	08/27/2007 09:57	0.0	0.0	0.0	
15	08/27/2007 09:58	0.0	0.0	0.0	
16	08/27/2007 09:59	0.0	0.0	0.0	
17	08/27/2007 10:00	0.0	0.0	0.0	
18	08/27/2007 10:01	0.0	0.0	0.0	
19	08/27/2007 10:02	0.0	0.0	0.0	
20	08/27/2007 10:03	0.0	0.0	0.0	
21	08/27/2007 10:04	0.0	0.0	0.0	
22	08/27/2007 10:05	0.0	0.0	0.0	
23	08/27/2007 10:06	0.0	0.0	0.0	
24	08/27/2007 10:07	0.0	0.0	0.0	
25	08/27/2007 10:08	0.0	0.0	0.0	
26	08/27/2007 10:09	0.0	0.0	0.0	
27	08/27/2007 10:10	0.0	0.0	0.0	
28	08/27/2007 10:11	0.0	0.0	0.0	
29	08/27/2007 10:12	0.0	0.0	0.0	
30	08/27/2007 10:13	0.0	0.0	0.0	
31	08/27/2007 10:14	0.0	0.0	0.0	
32	08/27/2007 10:15	0.0	0.0	0.0	
33	08/27/2007 10:16	0.0	0.0	0.0	
34	08/27/2007 10:17	0.0	0.0	0.0	
35	08/27/2007 10:18	0.0	0.0	0.0	

	36	08/27/2007 10:19	0.0	0.0	0.0
	37	08/27/2007 10:20	0.0	0.0	0.0
	38	08/27/2007 10:21	0.0	0.0	0.0
	39	08/27/2007 10:22	0.0	0.0	0.0
	40	08/27/2007 10:23	0.0	0.0	0.0
	41	08/27/2007 10:24	0.0	0.0	0.0
	42	08/27/2007 10:25	0.0	0.0	0.0
	43	08/27/2007 10:26	0.0	0.0	0.0
	44	08/27/2007 10:27	0.0	0.0	0.0
	45	08/27/2007 10:28	0.0	0.0	0.0
	46	08/27/2007 10:29	0.0	0.0	0.0
	47	08/27/2007 10:30	0.0	0.0	0.0
	48	08/27/2007 10:31	0.0	0.0	0.0
	49	08/27/2007 10:32	0.0	0.0	0.0
	50	08/27/2007 10:33	0.0	0.0	0.0
	51	08/27/2007 10:34	0.0	0.0	0.0
	. 52	08/27/2007 10:35	0.0	0.0	0.0
	53	08/27/2007 10:36	0.0	0.0	0.0
	54	08/27/2007 10:37	0.0	0.0	0.0
	55	08/27/2007 10:38	0.0	0.0	0.0
	56	08/27/2007 10:39	0.0	0.0	0.0
	57	08/27/2007 10:40	0.0	0.0	0.0
	58	08/27/2007 10:41	0.0	0.0	0.0
	59	08/27/2007 10:42	0.0	0.0	0.0
	60	08/27/2007 10:43	0.0	0.0	0.0
	61	08/27/2007 10:44	0.0	0.0	0.0
	62	08/27/2007 10:45	0.0	0.0	0.0
	63	08/27/2007 10:46	0.0	0.0	0.0
	64	08/27/2007 10:47	0.0	0.0	0.0
	65	08/27/2007 10:48	0.0	0.0	0.0
	66	08/27/2007 10:49	0.0	0.0	0.0
	67	08/27/2007 10:50	0.0	0.0	0.0^{-}
	68	08/27/2007 10:51	0.0	0.0	0.0
	69	08/27/2007 10:52	0.0	0.0	0.0
	70	08/27/2007 10:53	0.0	0.0	0.0
	71	08/27/2007 10:54	0.0	0.0	0.0
	72	08/27/2007 10:55	0.0	0.0	0.0
	73	08/27/2007 10:56	0.0	0.0	0.0
	74	08/27/2007 10:57	0.0	0.0	0.0
	75	08/27/2007 10:58	0.0	0.0	0.0
÷	76	08/27/2007 10:59	0.0	0.0	0.0
	77	08/27/2007 11:00	0.0	0.0	0.0

•

Instrument: MiniRAE 2000 (PGM7600) User ID: 00000001

Site ID: 00000299

Data Points: 21 Gas Name: Isobutylene

Last Calibration Time: 08/23/2007 07:47

Serial Number: 009432

Sample Period: 900 sec

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

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/27/2007 08:48	0.5	0.5	0.6	
2	08/27/2007 09:03	0.0	0.4	0.6	
3	08/27/2007 09:18	0.2	0.3	0.4	
4	08/27/2007 09:33	0.3	0.3	0.5	
5	08/27/2007 09:48	0.2	0.4	0.8	
6	08/27/2007 10:03	0.5	0.6	0.7	
7	08/27/2007 10:18	0.0	0.5	1.7	
8	08/27/2007 10:33	0.0	0.4	1.1	
9	08/27/2007 10:48	0.0	0.1	0.9	
10	08/27/2007 11:03	0.0	0.0	0.1	
11	08/27/2007 11:18	0.0	0.0	0.0	
12	08/27/2007 11:33	0.0	0.0	0.0	
13	08/27/2007 11:48	0.0	0.0	0.0	
14	08/27/2007 12:03	0.0	0.0	0.0	
15	08/27/2007 12:18	0.0	0.0	0.0	
16	08/27/2007 12:33	0.0	0.0	0.0	
17	08/27/2007 12:48	0.0	0.0	0.0	
18	08/27/2007 13:03	0.0	0.0	0.0	
19	08/27/2007 13:18	0.0	0.0	0.0	
20	08/27/2007 13:33	0.0	0.0	0.0	
21	08/27/2007 13:48	0.0	0.0	0.0	

User ID: 00000000

Site ID: 00000331

Data Points: 25 Gas Name: Isobutylene

Isobutylene Sample Period: 900 sec

Serial Number: 005550

Last Calibration Time: 08/28/2007 07:15

 Measurement Type:
 Min(ppm)
 Avg(ppm)
 Max(ppm)

 High Alarm Levels:
 15.0
 15.0
 15.0

 Low Alarm Levels:
 50.0
 50.0
 50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/28/2007 07:47	7.2	9.0	12.0	====
2	08/28/2007 08:02	6.3	7.8	9.8	
3	08/28/2007 08:17	6.2	7.1	8.3	
4	08/28/2007 08:32	6.4	7.0	8.3	
5	08/28/2007 08:47	7.0	8.7	10.5	
6	08/28/2007 09:02	8.3	9.4	11.3	
7	08/28/2007 09:17	6.3	8.9	12.5	
8	08/28/2007 09:32	4.4	5.8	7.6	
9	08/28/2007 09:47	3.4	3.9	5.5	
10	08/28/2007 10:02	2.9	3.4	4.3	
11	08/28/2007 10:17	2.8	3.4	4.2	
12	08/28/2007 10:32	3.0	3.5	4.4	
13	08/28/2007 10:47	2.9	3.4	4.9	
14	08/28/2007 11:02	3.1	3.4	4.4	
15	08/28/2007 11:17	3.1	3.5	4.2	
16	08/28/2007 11:32	2.7	3.1	3.9	
17	08/28/2007 11:47	2.5	2.9	3.5	
18	08/28/2007 12:02	2.5	2.7	3.1	
19	08/28/2007 12:17	2.0	2.6	3.2	
20	08/28/2007 12:32	0.6	2.5	4.1	
21	08/28/2007 12:47	2.1	2.3	2.6	
22	08/28/2007 13:02	2.0	2.3	3.1	
23	08/28/2007 13:17	2.2	2.4	2.6	
24	08/28/2007 13:32	2.3	2.4	2.7	
25	08/28/2007 13:47	2.3	2.4	2.6	

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dust 1 82807.txt
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                                       104
"Serial no.
                     "04672
"Device no.
                     3
"Tag Number
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"Stärt Time
                     08:24:20
"Start Date
                     28-Aug-2007
"Log Period
                     00:15:00
"Number
                     27
"CalFactor
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"Unit Name
"SIZE_CORRECT"
"TEMPUNITS "
                     "DISABLÉD
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"Max MASS
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"Max Diam @
                    25 ,14:39:20
0.161820
                                        , 28-Aug-2007
"Avg Diam
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"ALARM_LEVEL
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"AUTO_ZERO
                     "DISABLED"
"AZ INTERVAL
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,12:54:20
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                                      50,
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                                              0.1888
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                           41.2,
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42.1,

43.6,

3.5,

38,

36,

26,

27,

0.1858

,15:09:20

, 28-Aug-2007 , 28-Aug-2007

User ID: 00000001

Site ID: 00000024

Data Points: 22 Gas Name: Isobutylene

Serial Number: 005453

Sample Period: 900 sec

Last Calibration Time: 08/28/2007 07:16

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

Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
08/28/2007 09:18		0.0	0.0
08/28/2007 09:33		0.0	0.0
08/28/2007 09:48		0.0	0.0
08/28/2007 10:03		0.0	0.0
08/28/2007 10:18		0.0	0.0
08/28/2007 10:33		0.0	0.0
08/28/2007 10:48		0.0	0.0
08/28/2007 11:03		0.0	0.0
08/28/2007 11:18		0.0	0.0
08/28/2007 11:33		0.0	0.0
08/28/2007 11:48		0.0	0.0
08/28/2007 12:03		0.0	0.0
08/28/2007 12:18		0.0	0.0
08/28/2007 12:33		0.0	0.0
08/28/2007 12:48		0.0	0.0
08/28/2007 13:03		0.0	0.0
08/28/2007 13:18		0.0	0.0
08/28/2007 13:33		0.0	0.0
08/28/2007 13:48		0.0	0.0
08/28/2007 14:03		0.0	0.0
08/28/2007 14:18		0.0	0.0
08/28/2007 14:33		0.0	0.0
	08/28/2007 09:18 08/28/2007 09:33 08/28/2007 09:48 08/28/2007 10:03 08/28/2007 10:18 08/28/2007 10:48 08/28/2007 10:48 08/28/2007 11:03 08/28/2007 11:18 08/28/2007 11:18 08/28/2007 12:13 08/28/2007 12:03 08/28/2007 12:18 08/28/2007 12:18 08/28/2007 12:48 08/28/2007 12:48 08/28/2007 13:03 08/28/2007 13:18 08/28/2007 13:18 08/28/2007 13:48 08/28/2007 13:48 08/28/2007 14:03 08/28/2007 14:18	08/28/2007 09:18 08/28/2007 09:33 08/28/2007 09:48 08/28/2007 10:03 08/28/2007 10:18 08/28/2007 10:48 08/28/2007 11:03 08/28/2007 11:18 08/28/2007 11:18 08/28/2007 11:48 08/28/2007 12:03 08/28/2007 12:18 08/28/2007 12:33 08/28/2007 12:48 08/28/2007 13:03 08/28/2007 13:18 08/28/2007 13:18 08/28/2007 13:48 08/28/2007 13:48 08/28/2007 14:03 08/28/2007 14:18	08/28/2007 09:18 0.0 08/28/2007 09:33 0.0 08/28/2007 09:48 0.0 08/28/2007 10:03 0.0 08/28/2007 10:18 0.0 08/28/2007 10:33 0.0 08/28/2007 10:48 0.0 08/28/2007 11:03 0.0 08/28/2007 11:18 0.0 08/28/2007 11:48 0.0 08/28/2007 12:03 0.0 08/28/2007 12:18 0.0 08/28/2007 12:33 0.0 08/28/2007 12:48 0.0 08/28/2007 13:03 0.0 08/28/2007 13:18 0.0 08/28/2007 13:48 0.0 08/28/2007 13:48 0.0 08/28/2007 13:48 0.0 08/28/2007 14:03 0.0 08/28/2007 14:18 0.0

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dust 2 82807.txt
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                       10
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"Start Date
                       28-Aug-2007
00:15:00
"Log Period
"Number
                       30
"CalFactor
                       1.000000
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                       ö
                         (MASS )ug/m3"
"Unit Name
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"TEMPUNITS "
                       "DISABLÉD
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                       35.061060
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                            ,11:43:11
                                             , 28-Aug-2007
"Avg MASS
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"DISABLED"
"AZ INTERVAL
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record,"(MASS )ug/m3", Temp,
1, 33.7, 23.9,
2 31.4, 23.5,
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32.6,
32.4,
      27
                    13.2,
                                          43,
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                     8.9,
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10.4,

32.0,

41,

4.1270

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User ID: 00000001

Site ID: 00000091

Data Points: 24 Gas Name: Isobutylene Serial Number: 005430

Sample Period: 900 sec

Last Calibration Time: 08/28/2007 07:00

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	08/28/2007 07:17		0.0	0.0	
2	08/28/2007 07:32		0.0	0.0	
3	08/28/2007 07:47		0.0	0.0	
4	08/28/2007 08:02		0.0	0.0	
5	08/28/2007 08:17		0.0	0.0	
. 6	08/28/2007 08:32		0.0	0.0	
7	08/28/2007 08:47		0.0	0.0	
8	08/28/2007 09:02		0.0	0.0	
9	08/28/2007 09:17		0.0	0.0	
10	08/28/2007 09:32		0.0	0.0	
11	08/28/2007 09:47		0.0	0.0	
12	08/28/2007 10:02		0.0	0.0	
13	08/28/2007 10:17		0.0	0.0	
14	08/28/2007 10:32		0.0	0.0	
15	08/28/2007 10:47		0.0	0.0	
16	08/28/2007 11:02		0.0	0.0	
17	08/28/2007 11:17		0.0	0.0	
18	08/28/2007 11:32		0.0	0.0	
19	08/28/2007 11:47		0.0	0.0	
20	08/28/2007 12:02		0.0	0.0	
21	08/28/2007 12:17		0.0	0.0	
22	08/28/2007 12:32		0.0	0.0	
23	08/28/2007 12:47		0.0	0.0	
24	08/28/2007 13:02		0.0	0.0	

User ID: 00000001 Site ID: 0
Data Points: 26 Gas Name: 3

Site ID: 00000301
Gas Name: Isobutylene Sample Per

Last Calibration Time: 08/28/2007 08:22

Serial Number: 009432

Sample Period: 900 sec

 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	08/28/2007 08:39	0.0	0.0	0.1	
2	08/28/2007 08:54	0.0	0.0	0.0	
3	08/28/2007 09:09	0.0	0.0	0.2	
4	08/28/2007 09:24	0.0	0.0	0.1	
5	08/28/2007 09:39	0.0	0.0	0.0	
6	08/28/2007 09:54	0.0	0.0	0.0	
7	08/28/2007 10:09	0.0	0.0	0.2	
8	08/28/2007 10:24	0.0	0.0	0.1	
9	08/28/2007 10:39	0.0	0.0	0.0	
10	08/28/2007 10:54	0.0	0.0	0.0	
11	08/28/2007 11:09	0.0	0.0	0.0	
12	08/28/2007 11:24	0.0	0.0	0.0	
13	08/28/2007 11:39	0.0	0.0	0.0	
14	08/28/2007 11:54	0.0	0.0	0.0	
15	08/28/2007 12:09	0.0	0.0	0.5	
16	08/28/2007 12:24	0.0	0.0	0.1	
17	08/28/2007 12:39	0.0	0.0	1.9	
18	08/28/2007 12:54	0.0	0.0	1.0	
19	08/28/2007 13:09	0.0	0.0	0.3	
20	08/28/2007 13:24	0.0	0.0	0.0	
21	08/28/2007 13:39	0.0	0.0	0.2	
22	08/28/2007 13:54	0.0	0.0	0.8	
23	08/28/2007 14:09	0.0	0.0	0.0	
24	08/28/2007 14:24	0.0	0.0	0.2	
25	08/28/2007 14:39	0.0	0.0	0.0	
26	08/28/2007 14:54	0.0	0.2	3.1	

dust 4 828.txt

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"Serial no.
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,11:53:36
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, 28-Aug-2007
, 28-Aug-2007
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                  21.5,
                           30.3,
                                      58,
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                                              0.2420
                  14.8,
     21,
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                                                         , 13:23:36
                                                                        , 28-Aug-2007
```

pid 1 82907.txt
Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005550
User ID: 00000000 Site ID: 00000333
Data Points: 28 Gas Name: Isobutylene
Last Calibration Time: 08/29/2007 05:59

Sample Period: 900 sec

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	55.0	55.0	55.0
Low Alarm Levels:	50.0	50.0	50.0

======					
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)	
1	08/29/2007 06:49	10.0	15.3	25.8	
ż	08/29/2007 07:04	6.3	16.1	26.5	
2 3	08/29/2007 07:19	10.0	16.3	28.0	
4	08/29/2007 07:34	4.3	13.0	26.0	
4 5 6 7	08/29/2007 07:49	9.1	17.1	25.4	
6	08/29/2007 08:04	1.3	8.5	20.0	
	08/29/2007 08:19	0.0	4.7	17.8	
8	08/29/2007 08:34	0.0	4.5	17.6	
9	08/29/2007 08:49	0.0	0.9	10.8	
10	08/29/2007 09:04	0.0	0.0	1.5	
11	08/29/2007 09:19	0.0	0.0	2.1	
12	08/29/2007 09:34	0.0	0.0	0.0	
13	08/29/2007 09:49	0.0	0.0	0.0	
14	08/29/2007 10:04	0.0	0.0	0.0	
15	08/29/2007 10:19	0.0	0:0	0.0	
16	08/29/2007 10:34	0.0	0.0	0.0	
17	08/29/2007 10:49	0.0	0.0	0.0	
18	08/29/2007 11:04	0.0	0.0	0.0	
19	08/29/2007 11:19	0.0	0.0	0.0	
20	08/29/2007 11:34	0.0	0.0	0.0	
21	08/29/2007 11:49	0.0	0.0	0.0	
22	08/29/2007 12:04	0.0	0.0	0.0	,
23	08/29/2007 12:19	0.0	0.0	0.0	
24	08/29/2007 12:34	0.0	0.0	0.0	
25	08/29/2007 12:49	0.0	0.0	0.0	
26	08/29/2007 13:04	0.0	0.0	0.0	
27	08/29/2007 13:19	0.0	0.0	0.0	
28	08/29/2007 13:34	0.0	0.0	0.0	

dust 1 82907.txt 104

```
"Tag Number
                   11
"Start Time
"Start Date
                   11:02:56
                   29-Aug-2007
"Log Period
                   00:15:00
"Number
               ., '
                   31
"CalFactor
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"Unit ., ′

"Model Number",

"Serial no. "Device no.

0 "(MASS_)ug/m3" "Unit Name ",
"SIZE_CORRECT", "ĎISABLÉD "TEMPUNITS

"Max MASS 47.742540

31 ,18:47:56 37.210540 , 29-Aug-2007 "Max MASS @ "*'*

"DataRAM 4 " "04672 "

"Avg MASS "Max Diam ., ' 0.433380

"Max Diam @ ,11:32:56 , 29-Aug-2007

"Avg Diam "ALARM 0.278225 "ENABLED" "ALARM_LEVEL 100.0 "AUTO_ZERO "DISABLED" "AZ INTERVAL 1

"Errors "Errors , 0000 record, "(MASS) ug/m3", Temp, 1, 29.1, 23.8, 0000

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,12:17:56
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13,
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47.7,
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31,
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```

pid 2 82907.txt
Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005453
User ID: 00000001 Site ID: 00000026
Data Points: 29 Gas Name: Isobutylene Last Calibration Time: 08/29/2007 07:10

Sample Period: 900 sec

Measurement Type:		Min(pp	om) A	Nvg(ppm)	Max(ppm)
	arm Levels: arm Levels:	100.0 50.0		100.0 50.0	100.0 50.0
======			=========		=======================================
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(pp	m)
=======			14.0		1
2	08/29/2007 07:44 08/29/2007 07:59		14.9 1.2	63.2 26.5	L ·
2 3	08/29/2007 08:14		0.0	0.0	
4	08/29/2007 08:29		0.0	0.0	
4 5 6	08/29/2007 08:44		0.0	0.0	
6	08/29/2007 08:59		0.0	0.0	
7 8	08/29/2007 09:14 08/29/2007 09:29		0.0	0.0	
9	08/29/2007 09:29		0.0 0.0	0.0 0.0	
10	08/29/2007 09:59		0.0	0.0	
11	08/29/2007 10:14		0.0	0.0	
12	08/29/2007 10:29		0.0	0.0	
13	08/29/2007 10:44		0.0	0.0	
14	08/29/2007 10:59		0.0	0.0	
15 16	08/29/2007 11:14 08/29/2007 11:29		0.0 0.0	0.0	
17	08/29/2007 11:44		0.0	0.0	
18	08/29/2007 11:59		0.0	0.0	
19	08/29/2007 12:14		0.0	0.0	
20	08/29/2007 12:29		0.0	0.0	
21 22	08/29/2007 12:44 08/29/2007 12:59		0.0 0.0	0.0	
23	08/29/2007 12:59		0.0	0.0	
24	08/29/2007 13:19		0.0	0.0	
25	08/29/2007 13:44		0.0	0.0	
26	08/29/2007 13:59		0.0	0.0	
27	08/29/2007 14:14		0.0	0.0	
28 29	08/29/2007 14:29 08/29/2007 14:44		0.0 0.0	0.0	
23	00/23/2007 14.44		0.0	0.0	

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dust 2 82907.txt
                     "DataRAM 4 ", 104
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                      "D328
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"Device no.
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                      11
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"Start Date
                      29-Aug-2007
                     00:15:00
"Log Period
"Number
                      30
"CalFactor
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"Unit
                      0
"Unit Name
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                      "(MASS )ug/m3"
                      "DISABLÉD
"TEMPUNITS
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"Max MASS
                     30 ,14:45:30
20.444380
                                          , 29-Aug-2007
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"Max Diam @
                      13 ,10:30:30
                                          , 29-Aug-2007
"Avg Diam
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                      "ENABLED"
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                     100.0
"DISABLED"
"AZ INTERVAL"

"Errors ", 0001

record, "(MASS )ug/m3", Temp

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2.4, 23.1,
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22.8,
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32.8,
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23,
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4.1270
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pid 3 82907.txt

Serial Number: 005430

User ID: 00000001 Site ID: 00000092
Data Points: 31 Gas Name: Isobutylene
Last Calibration Time: 08/29/2007 06:55

Sample Period: 900 sec

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

LOW ///C	I'm LCVC13.	50.0	, 50	7.0	30.0
	:=====================================	=======================================			=======
Line#		Min(ppm)	Avg(ppm)	Max(ppm)	
======					========
	=======================================				
1	08/29/2007 07:12		0.0	0.0	
2	08/29/2007 07:27		0.0	0.0	
3	08/29/2007 07:42		0.8	4.0	
2 3 4 5 6 7 8 9	08/29/2007 07:57		3.8	5.3	
5	08/29/2007 08:12		6.2	12.3	
6	08/29/2007 08:27		4.3	6.4	
7	08/29/2007 08:42		4.8	7.3	
8	08/29/2007 08:57		4.4	6.6	
	08/29/2007 09:12		5.3	11.2	
10	08/29/2007 09:27		4.7	7.3	
11	08/29/2007 09:42		2.3	4.0	
12	08/29/2007 09:57		3.8	17.5	
13	08/29/2007 10:12		2.3	6.6	
14	08/29/2007 10:27		1.7	3.9	
15	08/29/2007 10:42		1.9	4.1	
16	08/29/2007 10:57		1.4	5.8	
17	08/29/2007 11:12		4.8	17,2	
18	08/29/2007 11:27		4.8	18.5	
19	08/29/2007 11:42		5.9	14.2	
20	08/29/2007 11:57		7.1	21.5	•
21	08/29/2007 12:12		2.7	5.6 5.1 3.4 2.7	
22	08/29/2007 12:27		2.7	5.1	
23	08/29/2007 12:42		2.2	3 4	
24	08/29/2007 12:57		1.3	2 7	
25	08/29/2007 13:12		2.6	12.9	
26	08/29/2007 13:27		2.3	4.0	
27	08/29/2007 13:42		1.2	4.0	
28	08/29/2007 13:57		2.7	5.4	
29	08/29/2007 14:12		0.7	4.1	
30	08/29/2007 14:27		0.7	2.3	
31	08/29/2007 14:42		0.6	10.7	
.			0.0	, , ,	

dust 3 82907.txt

```
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                       "DataRAM 4 ",
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                      1.4,
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,11:00:30
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,13:15:30
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37.7,
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,29-Aug-2007
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, 29-Aug-2007
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                               32.7,
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                                                                ,14:45:30
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                                           46.
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pid4 82907.txt
Instrument: MiniRAE 2000 (PGM7600) Serial Number: 009432
User ID: 00000001 Site ID: 00000303
Data Points: 28 Gas Name: Isobutylene
Last Calibration Time: 08/29/2007 07:34 Sample Period: 900 sec

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	08/29/2007 07	54 0.0	0.0	0.0	
ż	08/29/2007 08		0.0	0.0	
3	08/29/2007 08		0.0	0.0	
4	08/29/2007 08		0.0	0.0	
5	08/29/2007 08		0.0	0.0	
5 6	08/29/2007 09		0.0	0.0	
7	08/29/2007 09	24 0.0	0.0	0.0	
8	08/29/2007 09	39 0.0	0.0	0.0	
9	08/29/2007 09	54 0.0	0.0	0.0	
10	08/29/2007 10	0.0	0.0	0.0	
11	08/29/2007 10		0.0	0.0	
12	08/29/2007 10		0.0	0.0	
13	08/29/2007 10		0.0	0.0	
14	08/29/2007 11		0.0	0.0	
15	08/29/2007 11		0.0	0.0	
- 16	08/29/2007 11		0.0	0.0	
17	08/29/2007 11		0.0	0.0	
18	08/29/2007 12		0.0	0.0	
19	08/29/2007 12	- · - · - · - ·	0.0	0.0	
20	08/29/2007 12		0.0	0.0	
21	08/29/2007 12		0.0	0.0	
22	08/29/2007 13		0.0	0.0	
23	08/29/2007 13		0.0	0.0	
24	08/29/2007 13 08/29/2007 13		0.0	0.0	
25 26	08/29/2007 13		0.0 0.0	0.0	
20 27	08/29/2007 14	· ·	0.0	0.0 0.0	
28	08/29/2007 14		0.0	0.0	
20	00,23,200, 14	0.0	0.0	0.0	

pid 1 83007.txt Serial Number: 005550

User ID: 00000000 Site ID: 00000334
Data Points: 23 Gas Name: Isobutylene
Last Calibration Time: 08/30/2007 06:12

Sample Period: 900 sec

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels: Low Alarm Levels:	55.0 50.0	55.0 50.0	55.0 50.0
		==========	

======				
======	=======================================			
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
======	=======================================	=======================================		
======				
1	08/30/2007 08:13	0.0	0.0	0.0
2	08/30/2007 08:28	0.0	0.0	0.0
2 3	08/30/2007 08:43	0.0	0.0	0.0
	08/30/2007 08:58	0.0	0.0	0.0
5	08/30/2007 09:13	0.0	0.0	0.0
4 5 6	08/30/2007 09:28	0.0	0.0	0.0
7	08/30/2007 09:43	0.0	0.2	53.1 L
8	08/30/2007 09:58	0.0	0.0	0.0
8 9	08/30/2007 10:13	0.0	0.0	0.0
10	08/30/2007 10:28	0.0	0.0	0.0
11	08/30/2007 10:43	0.0	0.0	0.0
. 12	08/30/2007 10:58	0.0	0.0	0.0
13	08/30/2007 11:13	0.0	0.0	0.0
14	08/30/2007 11:28	0.0	0.0	0.0
15	08/30/2007 11:43	0.0	0.0	0.0
16	08/30/2007 11:58	0.0	0.0	0.0
17	08/30/2007 12:13	0.0	0.0	0.0
18	08/30/2007 12:28	0.0	0.0	0.0
19	08/30/2007 12:43	0.0	0.0	0.0
20	08/30/2007 12:58	0.0	0.0	0.0
21	08/30/2007 13:13	0.0	0.0	0.0
22	08/30/2007 13:28	0.0	0.0	0.0
23	08/30/2007 13:43	0.0	0.0	0.0
- -			~ . ~	V. V

DUST MONITORING DATA

DATE:	8/30/07	
TIME:		READING:
7:00 7:15 7:30 7:45		29.1 24.1 29.6 30.1

7:15
7:30
29.6
7:45
30.1
8:00
31.4
8:15
32.7
8:30
33.2
8:45
9:00
34.3
9:15
9:30
9:15
33.5
9:30
9:45
10:00
33.0
10:15
33.6
10:30
32.3
10:45
34.3
11:00
33.7
11:15
35.7
11:15
35.7
11:30
36.8
11:45
12:00
39.1
12:15
42.4
12:30
45.4
12:45
13:00
46.9
13:15
47.3
13:30
45.8
13:45
14:00
43.6
14:15
44.3
14:30
45.7
14:45
33.8
15:00
31.0

Note: Unable to download directly from dust monitor. Readings manually recorded.

| pid 2 83007.txt | Instrument: MiniRAE 2000 (PGM7600) | Serial Number: 005453 | User ID: 00000001 | Site ID: 00000027 | Data Points: 21 | Gas Name: Isobutylene Last Calibration Time: 08/30/2007 07:20 | Sample Period: Sample Period: 900 sec

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels: Low Alarm Levels:	100.0 50.0	100.0 50.0	100.0 50.0
Line# Date Time	Min(ppm) Avo	n(nnm) Maxi	(nnm)

======				
======	=======================================			
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
======	=======================================	=======================================		
======	==========			
1	08/30/2007 09:48		0.3	3.1
2 3	08/30/2007 10:03		0.0	2.4
3	08/30/2007 10:18		0.0	0.0
4	08/30/2007 10:33		0.0	0.0
5	08/30/2007 10:48		0.0	0.0
6	08/30/2007 11:03		0.0	0.0
7	08/30/2007 11:18		0.0	0.0
4 5 6 7 8 9	08/30/2007 11:33		0.0	0.0
	08/30/2007 11:48		0.0	0.0
10	08/30/2007 12:03		0.0	0.0
11	08/30/2007 12:18		0.0	0.0
12	08/30/2007 12:33		0.0	0.0
13	08/30/2007 12:48		0.0	0.0
14	08/30/2007 13:03		0.0	0.0
15	08/30/2007 13:18		0.0	0.0
16	08/30/2007 13:33		0.0	0.0
17	08/30/2007 13:48		0.0	0.0
18	08/30/2007 14:03		0.0	0.0
19	08/30/2007 14:18		0.0	0.0
20	08/30/2007 14:33		0.0	0.0
21	08/30/2007 14:48		0.0	0.0

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dust 2 83007.txt
"Model Number",
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                    "D328
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"Start Date
                    30-Aug-2007
00:15:00
"Log Period
"Number
                    30
"CalFactor
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"DISABLED"
"Unit
"Unit Name
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"TEMPUNITS
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"Max MASS
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                                        , 30-Aug-2007
"Avg MASS
"Max Diam
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                    15 ,11:19:43
2.915216
"ENABLED"
"Max Diam @
                                        , 30-Aug-2007
"Avg Diam
"ALĂRM
"ALARM_LEVEL
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"AUTO_ZERO
                     "DISABLED"
"AZ INTERVAL
"Errors
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1, 10.2, 24.0, 57, 0.4335 ,07:49
2, 9.0, 23.9, 63, 0.2410 ,08:04
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                  35.9,
                           44.4,
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                  35.4,
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, 30-Aug-2007

pid 3 83007.txt

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 005430

User ID: 00000001 Site ID: 00000093
Data Points: 22 Gas Name: Isobutylene
Last Calibration Time: 08/30/2007 07:23 Sample Period: 900 sec

_____ 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) 08/30/2007 07:47 08/30/2007 08:02 08/30/2007 08:17 08/30/2007 08:32 08/30/2007 08:47 08/30/2007 09:02 08/30/2007 09:17 08/30/2007 09:47 08/30/2007 10:02 08/30/2007 10:17 08/30/2007 10:32 08/30/2007 10:47 08/30/2007 10:47 08/30/2007 11:02 08/30/2007 11:47 08/30/2007 11:47 08/30/2007 11:47 08/30/2007 11:47 08/30/2007 12:02 08/30/2007 12:17 1 2 0.0 0.0 0.0 4 5 6 7 0.0 0.0 0.0 0.0 0.0 5.9 85.7 8 0.1 4.9 9 0.0 0.0 10 0.0 0.0 11 0.0 0.0 12 31.5 13 14.8 14 12.6 15 6.4 15.0 16 8.0 24.1 10.5 17 27.7 18 27.6 08/30/2007 12:17 08/30/2007 12:32 08/30/2007 12:47 8.2 19 20 6.2 $7\,.\,4$ 21 08/30/2007 13:02

=====	==========		
After	re-calibration:		
1	08/30/2007 13:33	0.0	2.7
2	08/30/2007 13:48	0.0	0.4
3.	08/30/2007 14:03	0.0	0.2
4	08/30/2007 14:18	0.0	1.3
5	08/30/2007 14:33	0.0	1.4
6	08/30/2007 14:48	0.1	4.6

```
dust 3 83007.txt
"Model Number",
                     "DataRAM 4 ", 105
                     "D601
"Serial no.
"Device no.
"Tag Number
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"Start Date
                     05:23:56
                     30-Aug-2007
"Log Period
                     00:15:00
"Number
                     30
"CalFactor
                     1.000000
"Unit
                     0
"Unit Name
                     "(MASS )ug/m3"
"DISABLED"
"SIZE_CORRECT"
"TEMPUNITS
"Max MASS
                     198.589400
                     11 ,08:08:56
97.532740
"Max MASS
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"Avg MASS
"Max Diam
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"Max Diam @
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0.291477
                                        ,30-Aug-2007
"Avg_Diam
"ALÄRM
                     "DISABLED"
"ALARM_LEVEL
                     100.0
"AUTO_ZERO
                     "DISABLED"
"AZ INTERVAL
"Errors
                     0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter 1, 40.1, 74.1, 64, 0.2366, 05:38
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0.2317
      2,
                            73.8,
                   36.0,
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                            73.7,
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,06:23:56
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,30-Aug-2007
,30-Aug-2007
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                            79.7,
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pid 4 83007.txt

Serial Number: 009432

Instrument: MiniRAE 2000 (PGM7600)
User ID: 00000001 Site ID: 00000304
Data Points: 28 Gas Name: Isobutylene
Last Calibration Time: 08/30/2007 07:35

Sample Period: 900 sec

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

======	======================================	==========									
======											
Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)							
======	=======================================	==========	=========								
_	00/00/0007 07 50										
1	08/30/2007 07:59	0.0	0.0	0.0							
2	08/30/2007 08:14	0.0	0.0	0.0							
3	08/30/2007 08:29	0.0	0.0	0.0							
4	08/30/2007 08:44	0.0	0.0	0.0							
4 5 6 7	08/30/2007 08:59	0.0	0.0	0.0							
0 7	08/30/2007 09:14	0.0	0.0	0.0							
8	08/30/2007 09:29 08/30/2007 09:44	0.0	0.0	0.0							
9	08/30/2007 09:44	0.0	0.0	0.0							
10	08/30/2007 09:59	0.0 0.0	0.0	0.0							
11	08/30/2007 10:14	0.0	0.0 0.0	0.0 0.0							
12	08/30/2007 10:29	0.0	0.0	0.0							
13	08/30/2007 10:44	0.0	0.0	0.0							
14	08/30/2007 11:14	0.0	0.0	0.0							
15	08/30/2007 11:29	0.0	0.0	0.0							
16	08/30/2007 11:44	0.0	0.0	0.0							
17	08/30/2007 11:59	0.0	0.0	0.0							
18	08/30/2007 12:14	0.0	0.0	0.0							
19	08/30/2007 12:29	0.0	0.0	0.0							
20	08/30/2007 12:44	0.0	0.0	0.0							
21	08/30/2007 12:59	0.0	0.0	0.0							
22	08/30/2007 13:14	0.0	0.0	0.0							
23	08/30/2007 13:29	0.0	0.0	0.0							
24	08/30/2007 13:44	0.0	0.0	0.0							
25	08/30/2007 13:59	0.0	0.0	0.0							
26	08/30/2007 14:14	0.0	0.0	0.0							
27	08/30/2007 14:29	0.0	0.1	9.0							
28	08/30/2007 14:44	0.0	0.0	0.0							

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dust 4 83007.txt
                     "DataRAM 4 ",
"D079 !"
"Model Number",
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"Serial no.
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"Device no.
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"Start Date
                     16:01:21
                     25-Jan-2000
"Log Period
                     00:15:00
"Number
                     21
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"Unit Name
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"SIZE_CORRECT"
"TEMPUNITS
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"AZ INTERVAL
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0.2655

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, 25-Jan-2000

21,

Serial Number: 005550

Data Points: 25

User ID: 00000000 Site ID: 00000335

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/04/2007 07:16

Measurement Type:	Min(ppm)		Avg(ppm)
High Alarm Levels:	55.0	55.0	55.0
Low Alarm Levels:	50.0	50.0	50.0

Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/04/2007 07:4		3.2	3.7			
2	09/04/2007 08:0	2.7	3.1	3.5			
3	09/04/2007 08:1	7 2.5	2.8	3.2			
4	09/04/2007 08:3	32 2.5	2.8	3.2			
5.	09/04/2007 08:4	1.5	2.8	4.6			
6	09/04/2007 09:0	2.4	2.7	3.2			
7	09/04/2007 09:1	7 2.5	2.8	3.2			
8	09/04/2007 09:3	32 2.7	2.9	3.1			
9	09/04/2007 09:4	2.8	2.9	3.2			
10	09/04/2007 10:	02 2.9	3.0	3.6			
11	09/04/2007 10:	17 2.9	3.0	3.3			
12	09/04/2007 10:	32 2.5	3.0	3.3			
13	09/04/2007 10:	47 2.8	3.0	3.8			
14	09/04/2007 11:	02 2.3	3.0	3.5			
15	09/04/2007 11:	17 2.9	3.1	3.3			
16	09/04/2007 11:	32 3.0	3.1	4.0			
17	09/04/2007 11:	47 2.8	3.2	4.0			
18	09/04/2007 12:	02 2.8	3.5	4.4			
19	09/04/2007 12:	17 3.2	3.9	5.1			
20	09/04/2007 12:	32 3.2	4.1	4.5			
21	09/04/2007 12:	47 3.7	4.2	4.8			
22	09/04/2007 13:	02 1.2	4.3	6.1			
23	09/04/2007 13:	17 2.0	4.3	6.2			
24	09/04/2007 13:	32 2.2	4.3	6.2			
25	09/04/2007 13:	47 1.8	4.3	6.0			

```
dust 1 90407.txt
                      "DataRAM 4 ",
"Model Number",
                                         104
 "Serial no.
                      "D405
"Device no.
"Tag Number
"Start Time
"Start Date
                      08:35:37
                      04-Sep-2007
"Log Period
                      00:15:00
"Number
"CalFactor
                      27
                      1.000000
"Unit
                      0
"Unit Name
                      "(MASS )ug/m3"
"DISABLED"
"SIZE_CORRECT"
"TEMPUNITS "
"Max MASS
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"Max MASS
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                                          ,04-Sep-2007
 "Avg MASS
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 "Max Diam
                      1.772535
"Max Diam @
                      9 ,10:50:37
0.715321
                                          ,04-Sep-2007
"Avg_Diam
"ALĂRM
                       "ENABLED"
ALARM_L

"AUTO_ZERO

"AZ INTERVAL ", I

"Errors ", 0000

record,"(MASS) )ug/m3", Temp

1, 56.1, 22.4,

2. 47.5, 22.5,

44.3, 22.5,

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,15:05:37
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,04-Sep-2007
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Site ID: 00000028

Gas Name: Isobutylene

Sample Period: 900 sec

Serial Number: 005453

Last Calibration Time: 09/04/2007 08:15

Measurement Type: H

User ID: 00000001

Data Points: 26

Min(ppm)

Avg(ppm)

High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line	Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm			
1	09/04/2007 08:	49	0.0	0.0					, , , , , , , , , , , , , , , , , , , 	
2	09/04/2007 09:	04	0.0	0.0						
3	09/04/2007 09:	19	0.0	0.0						
4	09/04/2007 09:	34	0.0	0.0						
5	09/04/2007 09:	49	0.0	0.0		-				
6	09/04/2007 10:	04	0.0	0.0						
7	09/04/2007 10:	19	0.0	0.0						
8	09/04/2007 10:	34	0.0	0.0						
9	09/04/2007 10:4	49	0.0	0.0						
10	09/04/2007 11:	:04	0.0	0.0						,
11	09/04/2007 11:	:19	0.0	0.0						
12	09/04/2007 11:	:34	0.0	0.0						
13	09/04/2007 11:	:49	0.0	0.0						
14	09/04/2007 12:	:04	0.0	0.0						
15	09/04/2007 12:	:19	0.0	0.0						
16	09/04/2007 12:	:34	0.0	0.0						
17	09/04/2007 12:	:49	0.0	0.0						1
18	09/04/2007 13:	:04	0.0	0.0				•		
19	09/04/2007 13:	:19	0.0	0.0						
20	09/04/2007 13:	:34	0.0	0.0						
21	09/04/2007 13:	:49	0.0	0.0						
22	09/04/2007 14:	:04	0.0	0.0						
23	09/04/2007 14:	:19	0.0	0.0						
24	09/04/2007 14:	:34	0.0	0.0						
25	09/04/2007 14:	:49	0.0	0.0						
26	09/04/2007 15:	:04	0.0	1.4						

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dust 2 9407.txt
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"Serial no.
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"Device no.
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"Start Date
                  04-Sep-2007
"Log Period
                  00:15:00
"Number
                  27
"CalFactor
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"Unit
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"SIZE_CORRECT"
"TEMPUNITS "
                  "DISABLÉD
"Max MASS
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"Max MASS
                  1 ,08:48:36
4.623744
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"Avg MASS
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"Max Diam @
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0.672061
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"Avg Diam
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"ALARM_LEVEL
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"Errors ", 0001
record,"(MASS )ug/m3", Temp
1, 26.4, 22.3,
14.3, 22.7,
12.7, 24.4,
27.1,
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1.5247
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                              30.2,
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                                         38,
      24.
                     2.0,
                                                  0.2401
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                                                                             ,04-Sep-2007
                                                  0.2460
0.2178
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                     1.9,
                              29.2,
                                          38,
                                                              ,14:48:36
                                                                             ,04-Sep-2007
      26,
                     3.6,
                              29.3,
                                         39,
                                                              ,15:03:36
                                                                              ,04-Sep-2007
                              29.5,
      27,
                     4.1.
                                                  0.2002
                                                             ,15:18:36
                                         39.
                                                                             ,04-Sep-2007
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Serial Number: 005430

User ID: 00000001 Site ID: 00000094

Data Points: 26

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/04/2007 08:30

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

Line#	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/04/2007 08:	54	4.1	5.7			
2.	09/04/2007 09:	09	4.6	8.7			
3	09/04/2007 09:3	24	4.6	7.2			
4	09/04/2007 09:	39	4.9	19.0			
5	09/04/2007 09:	54	4.6	12.3			
6	09/04/2007 10:	09	8.6	732.8 H			
7	09/04/2007 10:2	24	4.9	6.3			
8	09/04/2007 10:3	39	4.6	5.2			
9	09/04/2007 10:	54	5.7	312.6 H			·
10	09/04/2007 11:	:09	11.1	124.8 H			ł
11	09/04/2007 11:		5.3	9.1			
12	09/04/2007 11:	:39	3.5	5.3			
13	09/04/2007 11:	:54	1.7	2.6			
14	09/04/2007 12:	:09	1.5	1.9			
15	09/04/2007 12:	:24	1.6	2.0			
16	09/04/2007 12:	:39	1.8	2.3			·
17	09/04/2007 12:	:54	1.8	2.3			
18	09/04/2007 13:	:09	1.9	2.4			
19	09/04/2007 13:	:24	1.9	3.9			!
20	09/04/2007 13:	:39	1.9	2.3			•
21	09/04/2007 13:	:54	1.5	10.4			
22	09/04/2007 14:	:09	0.0	0.7			
23	09/04/2007 14:	:24	2.5	7.0			
24	09/04/2007 14:	:39	3.2	6.2			1
25	09/04/2007 14:	:54	3.7	8.6			
26	09/04/2007 15:	:09	3.6	32.0			

dust 3 9407.txt

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"Model Number",
                     "DataRAM 4 ", 105
"Serial no.
                     "D601
"Device no.
"Tag Number
"Stärt Time
                     08:30:27
"Start Date
                     04-Sep-2007
"Log Period
                     00:15:00
"Number
                     27
1.000000
"CalFactor
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                     "(MASS )ug/m3"
"ENABLED"
"Unit Name
"SIZE_CORRECT"
"TEMPUNITS "
"Max MASS
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"Max MASS
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45.231530
                                        .04-Sep-2007
"Avg MASS
'Max Diam
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"Max Diam @
                         , 14:45:27
                     25
                                         ,04-Sep-2007
"Avg Diam
"ALARM
                     0.286476
                     "ENABLED"
"ALARM_LEVEL
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"DISABLED"
"AZ INTERVAL
"Errors
                     0000
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record,"(MASS )ug/m3", Tem
1, 46.2, 70.8,
                              Temp,
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,04-Sep-2007
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0.2376
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,11:15:27
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                           76.8,
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                  15.4,
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                                              0.2283
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                  11.4,
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                                              0.2841
0.2385
                                                         ,12:15:27
,12:30:27
                                                                       ,04-Sep-2007
,04-Sep-2007
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                  12.3,
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                           80.6,
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100.2,
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                           81.2,
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                                      46,
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82.5,
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                                                                       ,04-Sep-2007
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Serial Number: 009432

User ID: 00000001 Data Points: 25

Site ID: 00000305

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/04/2007 08:34

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

Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
09/04/2007 09:0	1 0.0	0.0	0.0				
09/04/2007 09:1	6. 0.0	0.0	0.0				
09/04/2007 09:3	1 0.0	0.0	0.0				
09/04/2007 09:4	6 0.0	0.0	0.0				
09/04/2007 10:0	1 0.0	0.0	0.0				
09/04/2007 10:1	6 0.0	0.0	0.0				
09/04/2007 10:3	1 0.0	0.0	0.0				
09/04/2007 10:4	6 0.0	0.0	0.0				
09/04/2007 11:0	1 0.0	0.0	0.0				
09/04/2007 11:1	16 0.0	0.0	0.0				
09/04/2007 11:3	31 0.0	0.0	0.0				
09/04/2007 11:4	16 0.0	0.0	0.0				
09/04/2007 12:0	0.0	0.0	0.0				
09/04/2007 12:1	0.0	0.0	0.0				
09/04/2007 12:3	31 0.0	0.0	0.0				
09/04/2007 12:4	16 0.0	0.0	0.0				•
09/04/2007 13:0	0.0	0.0	0.0				
09/04/2007 13:1	6 0.0	0.0	0.0				
09/04/2007 13:3	0.0	0.0	0.0				
09/04/2007 13:4	16 0.0	0.0	0.0			·	
09/04/2007 14:0	0.0	0.0	0.0			•	
09/04/2007 14:1	0.0	0.0	0.0		•		
09/04/2007 14:3	0.0	0.0	0.0				
09/04/2007 14:4	16 0.0	0.0	0.0				
09/04/2007 15:0	0.0	0.0	0.0				
	09/04/2007 09:1 09/04/2007 09:3 09/04/2007 09:4 09/04/2007 10:0 09/04/2007 10:1 09/04/2007 10:4 09/04/2007 11:0 09/04/2007 11:2 09/04/2007 11:2 09/04/2007 12:1 09/04/2007 12:2 09/04/2007 12:2 09/04/2007 12:4 09/04/2007 13:4 09/04/2007 13:5 09/04/2007 13:4 09/04/2007 14:1 09/04/2007 14:1 09/04/2007 14:1 09/04/2007 14:2 09/04/2007 14:1 09/04/2007 14:2 09/04/2007 14:3	09/04/2007 09:01	09/04/2007 09:01	09/04/2007 09:01	09/04/2007 09:01	09/04/2007 09:01	09/04/2007 09:01

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dust 4 9407.txt
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"Start Date
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                    04-Sep-2007
"Log Period
                    00:15:00
"Number
                    28
"CalFactor
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"Ūnit
                    0
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"SIZE_CORRECT".
                    "DISABLÉD
"TEMPUNITS
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"Max MASS
                    50.599670
                    1 ,08:43:00
16.844560
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"Max Diam @
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0.278120
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"Avg Diam
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                    "DISABLED"
"ALARM_LEVEL
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"AUTO_ZERO
                    "DISABLED"
"AZ INTERVAL
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record, " (MASS
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25.2,
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24.4,
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,04-Sep-2007
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                                                       ,10:28:00
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,04-Sep-2007
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     14.
                  13.9,
                                             0.2725
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                                                       ,12:13:00
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                           34.9,
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                                                                      ,04-Sep-2007
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,13:13:00
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                                             0.2460
0.2275
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                  11.0,
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,04-Sep-2007
,04-Sep-2007
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                  10.4,
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                                                       ,13:43:00
                                                       ,13:58:00
,14:13:00
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                   9.6,
                           38.4,
                                     25,
                           38.5,
     23.
                  10.9,
                                     25,
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                  10.3,
                                     25,
                                             0.2114
                                                       ,14:28:00
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,15:13:00
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0.2286
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                                                                      ,04-Sep-2007
,04-Sep-2007
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                           38.5,
     27,
                  15.0,
                           38.2,
                                     25,
                           37.1,
                                     25,
     28,
                  20.7.
                                             0.2495
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                                                                      ,04-Sep-2007
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Site ID: 00000336

User ID: 00000000 Data Points: 26 Gas Name: Isobutylene

Sample Period: 900 sec

Serial Number: 005550

Last Calibration Time: 09/05/2007 05:59

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) High Alarm Levels: 55.0 55.0 55.0 Low Alarm Levels: 50.0 50.0 50.0

Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/05/2007 08:	0.0	0.2	0.7				
2	09/05/2007 08:	20 0.0	0.5	1.8				·
3	09/05/2007 08:	35 0.2	0.5	0.8				
4	09/05/2007 08:	50 0.3	0.5	0.8				
5	09/05/2007 09:	05 0.2	0.4	0.7				
6	09/05/2007 09:	20 0.3	0.5	0.8				
7	09/05/2007 09:3	35 0.0	0.7	2.8				
8	09/05/2007 09:	50 0.3	0.8	1.5				
9	09/05/2007 10:0	0.6	0.9	1.3				
10	09/05/2007 10:	20 0.6	0.9	1.4				
11	09/05/2007 10:	:35 0.5	0.7	1.1				
12	09/05/2007 10:	:50 0.0	0.8	1.2				
13	09/05/2007 11:	:05 0.6	0.9	1.5				
14	09/05/2007 11:	20 0.9	1.1	1.4				
15	09/05/2007 11:	35 0.8	1.2	1.7				
16	09/05/2007 11:		1.4	2.3				
17	09/05/2007 12:		1.4	1.7				• 4
18	09/05/2007 12:	20 1.3	1.5	1.9				
19	09/05/2007 12:	35 1.1	1.6	2.2				
20	09/05/2007 12:	:50 1.5	1.7	2.0				
21	09/05/2007 13:	05 1.1	1.7	2.2				
22	09/05/2007 13:	20 1.1	1.7	2.2				
23	09/05/2007 13:	35 1.2	2.0	3.0				
24	09/05/2007 13:	50 1.3	2.1	2.5				
25	09/05/2007 14:	05 1.2	2.3	4.5				
26	09/05/2007 14:	20 2.1	2.3	2.7				

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                    "DataRAM 4 ", 104
                    "D405
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"Device no.
"Tag Number
"Start Time
"Start Date
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05-Sep-2007
"Log Period
                    00:15:00
"Number
                    35
"CalFactor
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"Unit
                    0
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"SIZE_CORRECT",
                    "DISABLÉD
"TEMPUNITS
                    С
"Max MASS
                    29.406030
                    1 ,07:41:18
12.545130
"Max MASS
             @
                                      ,05-Sep-2007
"Avg MASS
                , '
"Max Diam
                    3.903802
"Max Diam @
                        ,07:41:18
                    1
                                      ,05-Sep-2007
"Avg Diam
"ALARM
                    2.500898
                    "ENABLED"
"ALARM_LEVEL
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                    "DISABLED"
"AUTO_ZERO
"AZ INTERVAL
"Errors
                    0000
                 )ug/m3", Temp, 29.4, 21.5,
record, " (MASS
                                    RHumidity, Diameter 47, 3.9038,07:4
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                          19.8,
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2.9354
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,09:41:18
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                                     56,
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      9.
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                                            2.4577
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                                            2.6702
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, 10:41:18
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,05-Sep-2007
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     14,
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                 14.4,
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                                     46,
                                            3.5704
                                                                     ,05-Sep-2007
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                                     46,
                                            2.9395
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,11:56:18
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,05-Sep-2007
,05-Sep-2007
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                                            3.1051
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2.3862
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                          28.7
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,05-Sep-2007
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                          30.6,
                                     39,
                                            2.1688
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                          31.2,
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                          31.7,
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,14:11:18
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,05-Sep-2007
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                                     34,
                                            2.3038
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7600) Serial Number: 005453

User ID: 00000001 Data Points: 34 Site ID: 00000029

s: 34 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/05/2007 06:54

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

High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
	09/05/2007 07:		0.1	0.8				
	09/05/2007 07:		0.3	0.9				
	09/05/2007 07:		0.3	0.6				
	09/05/2007 08:0		0.3	0.5				
	09/05/2007 08:2		0.3	0.6				
	09/05/2007 08:3		0.3	0.5				
7	09/05/2007 08:	.51	0.2	0.5				
	09/05/2007 09:0		0.1	0.4				
9	09/05/2007 09:2		0.0	0.3				1
10	09/05/2007 09:		0.0	0.4				١
11	09/05/2007 09:		0.0	0.3				
12	09/05/2007 10:	:06	0.0	0.3				
13	09/05/2007 10:		0.0	0.3				
14	09/05/2007 10:		0.0	0.3				
	09/05/2007 10:		0.0	0.4				
	09/05/2007 11:		0.0	0.2				,
	09/05/2007 11:		0.0	0.2				(
	09/05/2007 11:		0.0	0.2				
	09/05/2007 11:		0.0	0.2				
	09/05/2007 12:		0.0	0.1				, , , , , , , , , , , , , , , , , , ,
21	09/05/2007 12:	:21	0.0	0.1				
22	09/05/2007 12:	:36	0.0	0.1				
23	09/05/2007 12:	:51	0.0	0.1				
24	09/05/2007 13:	:06	0.0	0.1				,
25	09/05/2007 13:	:21	0.0	0.2				
26	09/05/2007 13:	:36	0.0	0.1				
27	09/05/2007 13:	:51	0.0	0.2				(
28	09/05/2007 14:	:06	0.0	0.2				
29	09/05/2007 14:	:21	0.0	0.2				
30	09/05/2007 14:	:36	0.0	0.2		•		
31	09/05/2007 14:	:51	0.0	0.2				
32	09/05/2007 15:	:06	0.0	0.2				
33	09/05/2007 15:	:21	0.0	0.2				
34	09/05/2007 15:	:36	0.0	0.3				

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                     05-Sep-2007
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"Number
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                     "DISABLED"
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,05-Sep-2007

1.2153

36.

26.3,

36,

Serial Number: 005430

User ID: 00000001

Site ID: 00000095

Data Points: 31

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/05/2007 07:02

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

Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/05/2007 08	8:17	0.9	6.7				
2	09/05/2007 08		0.6	3.1				
3	09/05/2007 08		0.9	7.6				
4	09/05/2007 09		0.8	4.6				
5	09/05/2007 09	9:17	1.2	14.2	•			
6	09/05/2007 09	9:32	0.8	4.8				
7	09/05/2007 09		0.8	5.3				
8	09/05/2007 10		0.9	4.3				
9	09/05/2007 10	D:17	1.3	11.2				
10	09/05/2007 1		1.1	6.2				
11	09/05/2007 1		1.3	6.0			•	
12	09/05/2007 1	1:02	0.9	5.3				
13	09/05/2007 1	1:17	0.6	3.8				
14	09/05/2007 1	1:32	1.0	6.5				
15	09/05/2007 1	1:47	0.5	3.4				
16	09/05/2007 1		0.1	1.5				
17	09/05/2007 1	2:17	0.2	2.0				
18	09/05/2007 1	2:32	0.3	3.6		•		
19	09/05/2007 1	2:47	0.0	0.3				
20	09/05/2007 1	3:02	0.0	0.5				
21	09/05/2007 1	3:17	0.0	0.0				
22	09/05/2007 1	3:32	0.0	0.0				
23	09/05/2007 1	3:47	0.0	0.0				
24	09/05/2007 1	4:02	0.0	0.0				
25	09/05/2007 1	4:17	0.0	0.0				
26	09/05/2007 1	4:32	0.0	0.0				
27	09/05/2007 1	4:47	0.0	0.0				
28	09/05/2007 1	5:02	0.0	0.0				
29	09/05/2007 1	5:17	0.0	1.5				
30	09/05/2007 1	5:32	0.2	167.4 H				
31	09/05/2007 1:	5:47	2.3	4.6				

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Page 1

Last Calibration Time: 09/05/2007 07:11

Serial Number: 009432

User ID: 00000001

Site ID: 00000306

Data Points: 27

Gas Name: Isobutylene

Sample Period: 900 sec

Meas	uremen	t Type:
High	Alarm	Levels:

Min(ppm) 100.0 Avg(ppm) 100.0

50.0

High	Alarm	ı Levels:
Low	Alarm	Levels:

100.0	100.0
50.0	50.0

Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm		
1	09/05/2007 09:2	20 0.0	0.0	0.1					
2	09/05/2007 09:3	35 0.0	0.0	0.0					
3	09/05/2007 09:5	0.0	0.0	0.0					
4	09/05/2007 10:0	0.0	0.0	0.0					
5	09/05/2007 10:2	0.0	0.0	0.3					
6	09/05/2007 10:3	35 0.0	0.0	0.0					
7	09/05/2007 10:5	0.0	0.0	0.0					
8	09/05/2007 11:0	0.0	0.0	0.1					
9	09/05/2007 11:2	0.0	0.0	0.3					
10	09/05/2007 11:	35 0.0	0.0	0.1					
11	09/05/2007 11:	50 0.0	0.0	0.1					
12	09/05/2007 12:	0.0	0.0	0.0					
13	09/05/2007 12:	20 0.0	0.0	0.1					
14	09/05/2007 12:	35 0.0	0.0	0.1					
15	09/05/2007 12:	50 0.0	0.0	0.0					
16	09/05/2007 13:	0.0	0.0	0.0					
17	09/05/2007 13:	20 0.0	0.0	0.0					
18	09/05/2007 13:3	35 0.0	0.0	0.0					
19	09/05/2007 13:	50 0.0	0.0	0.0	,				
20	09/05/2007 14:0	0.0	0.0	0.0					
21	09/05/2007 14:3	20 0.0	0.0	0.0					
22	09/05/2007 14:3	35 0.0	0.0	0.0					
23	09/05/2007 14::	50 0.0	0.0	0.0					
24	09/05/2007 15:0	0.0	0.0	0.0					
25	09/05/2007 15:3	20 0.0	0.0	0.0					
26	09/05/2007 15:3	35 0.0	0.0	0.0					
27	09/05/2007 15::	50 0.0	0.0	0.0					

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"Log Period
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14.086980
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Serial Number: 005550

Data Points: 25

User ID: 00000000 Site ID: 00000337

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/06/2007 06:28

Min(ppm) Avg(ppm) Max(ppm)

Measurement Type: High Alarm Levels: Low Alarm Levels:

55.0 55.0 55.0 50.0 50.0 50.0

								
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/06/2007 08:	13 0.0	0.0	0.2				
2	09/06/2007 08:		0.0	0.4				
3	09/06/2007 08:		0.0	0.5				
4	09/06/2007 08:		0.1	2.7				
5	09/06/2007 09:		0.0	0.0				
6	09/06/2007 09:	28 0.0	0.0	0.0				
7	09/06/2007 09:		0.0	0.0				
8	09/06/2007 09:	58 0.0	0.0	0.0				
9	09/06/2007 10:	13 0.0	0.0	0.1				
10	09/06/2007 10	:28 0.0	0.0					
11	09/06/2007 10	:43 0.0	0.0	0.5				
12	09/06/2007 10		0.0					
13	09/06/2007 11	:13 0.0	0.0					
14	09/06/2007 11	:28 0.0	0.0					
15	09/06/2007 11	:43 0.0	0.2					
16	09/06/2007 11	:58 0.0	0.3	2.8				
17	09/06/2007 12	:13 0.0	0.7	2.8				
18	09/06/2007 12	:28 0.0	0.9	2.7				
19	09/06/2007 12	:43 0.0	0.8	2.5				
20	09/06/2007 12	:58 0.0	0.9	2.7				
21	09/06/2007 13	:13 0.0	0.8	6.3				
22	09/06/2007 13:	:28 0.0	1.0	4.1				
23	09/06/2007 13:	:43 0.0	1.1	3.7				
24	09/06/2007 13:	:58 0.0	1.1	3.6				
25	09/06/2007 14:	:13 0.0	1.4	3.5				

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, 15:52:10

,06-Sep-2007

,06-Sep-2007

,06-Sep-2007 ,06-Sep-2007 ,06-Sep-2007

,06-Sep-2007

Serial Number: 005453

User ID: 00000001

Site ID: 00000030

Data Points: 30

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/06/2007 07:26

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

Line	# Date Time Min(ppr	m) Alarm	Avg(ppm)	Alarm Max(ppm)	Alarm
1	09/06/2007 07:55	0.4	1.7		
2	09/06/2007 08:10	0.0	0.5		
3	09/06/2007 08:25	0.0	0.6		
4	09/06/2007 08:40	0.0	0.6		
5	09/06/2007 08:55	0.0	0.0		
6	09/06/2007 09:10	0.0	0.0		
7	09/06/2007 09:25	0.0	0.0		
8	09/06/2007 09:40	0.0	0.5		
9	09/06/2007 09:55	0.0	1.3		
10	09/06/2007 10:10	0.0	1.1		
11	09/06/2007 10:25	0.0	0.6		
12	09/06/2007 10:40	0.0	1.1		
13	09/06/2007 10:55	0.0	1.0		
14	09/06/2007 11:10	0.0	0.8		
15	09/06/2007 11:25	0.0	0.8		
16	09/06/2007 11:40	0.0	0.9		
17	09/06/2007 11:55	0.0	0.7		
18	09/06/2007 12:10	0.0	0.0		
19	09/06/2007 12:25	0.0	0.2		
20	09/06/2007 12:40	0.0	0.0		
21	09/06/2007 12:55	0.0	0.0		
22	09/06/2007 13:10	0.0	1.1		
23	09/06/2007 13:25	0.0	1.1	•	
24	09/06/2007 13:40	0.0	1.5		
25	09/06/2007 13:55	0.0	1.5		
26	09/06/2007 14:10	0.0	1.3		
27	09/06/2007 14:25	0.0	0.8		
28	09/06/2007 14:40	0.0	0.9		
29	09/06/2007 14:55	0.1	1.1		
30	09/06/2007 15:10	0.1	1.1		

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User ID: 00000001 Site ID: 00000096

Serial Number: 005430

User ID: 0000000 Data Points: 25

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/06/2007 07:30

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

Line	# Date Time	Min(ppm) Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/06/2007 09:1	18 0.1	0.9			
2	09/06/2007 09:3	33 0.0	0.3			
3	09/06/2007 09:4	48 0.0	0.0			
4	09/06/2007 10:0	0.0	0.0			
5	09/06/2007 10:1	0.0	0.0			
6	09/06/2007 10:3	0.0	0.0			
7	09/06/2007 10:4	48 0.0	0.0			
8	09/06/2007 11:0	0.0	0.0			
9	09/06/2007 11:1	0.0	0.0			
10	09/06/2007 11:	33 0.0	0.0			
11	09/06/2007 11:	48 0.0	0.0			
12	09/06/2007 12:	0.0	0.0			
13	09/06/2007 12:	18 0.0	0.0			
14	09/06/2007 12:	33 0.0	0.0			
15	09/06/2007 12:	48 0.0	8.8			
16	09/06/2007 13:	0.0	0.1			
17	09/06/2007 13:	18 0.0	0.5			
18	09/06/2007 13:	33 0.0	0.0			
19	09/06/2007 13:	48 0.0	0.0			
20	09/06/2007 14:	0.0	0.0			
21	09/06/2007 14:	18 0.0	0.0			
22	09/06/2007 14:	33 0.0	0.0			
23	09/06/2007 14:	48 0.0	0.0			•
24	09/06/2007 15:	0.0	0.1			
25	09/06/2007 15:	18 0.0	0.3			

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"SIZE_CORRECT"
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Serial Number: 009432

Data Points: 26

User ID: 00000001 Site ID: 00000307

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/06/2007 07:45

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

	Alarm Levels:		100.0	100.0	100.0	Max(pp	,,,,,			
_	Alarm Levels:		50.0	50.0	50.0					
====					JU.U					
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	. Alarm	Max(ppm)	Alarm			
1	09/06/2007 09:	15 0.0	0.0	0.0						
2	09/06/2007 09:3	30 0.0	0.0	0.2						
3	09/06/2007 09:4	45 0.0	0.0	0.0						
4	09/06/2007 10:0	0.0	0.0	0.0						
5	09/06/2007 10:1	15 0.0	0.0	0.0						
6	09/06/2007 10:3	30 0.0	0.0	0.0				•		
7	09/06/2007 10:4	45 0.0	0.0	0.0						
8	09/06/2007 11:0	0.0	0.0	0.0						
9	09/06/2007 11:1	15 0.0	0.0	0.0						
10	09/06/2007 11:	30 0.0	0.0	0.0						
11	09/06/2007 11:	45 0.0	0.0	0.0						
12	09/06/2007 12:	0.0	0.0	0.0						
13	09/06/2007 12:	15 0.0	0.0	0.0						
14	09/06/2007 12:	30 0.0	0.0	0.0						
15	09/06/2007 12:	45 0.0	0.0	0.0						
16	09/06/2007 13:		0.0	0.0						
17	09/06/2007 13:	15 0.0	0.0	0.0						
18	09/06/2007 13:	30 0.0	0.0	0.0					,	
19	09/06/2007 13:									
20	09/06/2007 14:									
21	09/06/2007 14:		0.0							
22	09/06/2007 14:	30 0.0	0.0	0.2						
23	09/06/2007 14:	45 0.0	0.0	0.1						
24	09/06/2007 15:									
25	09/06/2007 15:		0.0	0.0						
26	09/06/2007 15:	30 0.0	0.4	. 3.5						

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User ID: 00000000 Site ID: 00000338

0) Serial Number: 005550

Data Points: 20 Gas Name: Isobutylene

ne Sample Period: 900 sec

Last Calibration Time: 09/07/2007 06:49

Measurement Type:	Min(ppm)		Avg(ppm)	Max(ppm)
High Alarm Levels:	55.0	55.0	55.0	
Low Alarm Levels:	50.0	50.0	50.0	

Low	Alarm Levels:		50.0	50.0	50.0			
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/07/2007 07:3	0.0	0.0	0.2				
2	09/07/2007 07:5	0.0	0.0	0.3				
3	09/07/2007 08:0	0.0	0.0	1.1				
4	09/07/2007 08:2	24 0.0	0.0	1.1				•
5	09/07/2007 08:3	0.0	0.0	0.1				
6	09/07/2007 08:5	0.0	0.0	0.1				
7	09/07/2007 09:0	0.0	0.0	0.1				·
8	09/07/2007 09:2	24 0.0	0.0	0.0				
9	09/07/2007 09:3	9 0.0	0.0	0.0				
10	09/07/2007 09::	54 0.0	0.0	0.0				
11	09/07/2007 10:0	0.0	0.0	0.0				
12	09/07/2007 10:2	24 0.0	0.0	0.0				
13	09/07/2007 10:3	39 0.0	0.0	0.0				
14	09/07/2007 10::	54 0.0	0.0	0.4				
. 15	09/07/2007 11:0	0.0	0.0	0.0				
16	09/07/2007 11:2	24 0.0	0.0	1.6				
17	09/07/2007 11:3	39 0.0	0.0	0.2				
18	09/07/2007 11::	54 0.0	0.0	0.5				
19	09/07/2007 12:0	0.1	0.2	0.4				
20	09/07/2007 12:2	24 0.0	0.3	0.7				

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User ID: 00000001 Site ID: 00000031

Serial Number: 005453

Data Points: 22 Gas Name: Isobutylene Last Calibration Time: 09/07/2007 07:39

Sample Period: 900 sec

Measurement Type: High Alarm Levels: L

Min(ppm)

Avg(ppm)

ngn Alann Levels.	100.0	100.0	100.
ow Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm) Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/07/2007 08:06	6 0.0	0.0			
2	09/07/2007 08:21	0.0	0.0			
3	09/07/2007 08:36	0.0	0.0			
4	09/07/2007 08:51	0.0	0.0			
5	09/07/2007 09:06	0.0	0.0			
6	09/07/2007 09:21	0.0	0.0			
7	09/07/2007 09:36	0.0	0.0			
8	09/07/2007 09:51	0.0	0.0			
9	09/07/2007 10:06	0.0	0.0			
10	09/07/2007 10:2	0.0	0.0		•	
11	09/07/2007 10:3	6 0.0	0.0			
12	09/07/2007 10:5	0.0	0.0			
13	09/07/2007 11:0	6.0	0.0			
14	09/07/2007 11:2	0.0	0.0			
15	09/07/2007 11:3	6 0.0	0.0			
16	09/07/2007 11:5	0.0	0.0			
17	09/07/2007 12:0	6.0	0.0			
18	09/07/2007 12:2	0.0	0.0			
19	09/07/2007 12:3	6.0	0.0			
20	09/07/2007 12:5	0.0	0.0			
21	09/07/2007 13:0	6.0	0.0			
22	09/07/2007 13:2	0.0	0.0			

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                                                     ,10:41:36
                 23.1,
                          32.4,
                                    47,
                                           4.1270
                                                                   ,07-Sep-2007
                 22.7,
      9.
                          32.6,
                                                     ,10:56:36
                                   47,
                                           4.1270
                                                                   ,07-Sep-2007
                                                     ,11:11:36
,11:26:36
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4.1270
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                 23.4,
                          33.3,
                                   46,
                                                                   ,07-Sep-2007
                                    46,
     12,
                 23.8,
                          33.7,
                                           4.1270
                                                     ,11:41:36
                                                                   ,07-Sep-2007
                 23.9,
                                                     ,11:56:36
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                          34.2,
                                    45,
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                 20.2,
                          35.0,
                                    44,
                                           4.1270
                                                     ,12:11:36
                                                                   ,07-Sep-2007
                                                     ,12:26:36
,12:41:36
     15,
                 16.6,
                          35.6,
                                    43,
                                           4.1270
                                                                   , 07 - Sep - 2007
                 15.8,
     16,
                                           4.1270
                          36.2,
                                    42,
                                                                   ,07-Sep-2007
                          36.8,
                                                     ,12:56:36
     17,
                 21.5,
                                    42,
                                           4.1270
                                                                   ,07-Sep-2007
    18,
                                                     ,13:11:36
                 11.3,
                          37.6,
                                    40,
                                           2.4651
                                                                   ,07-Sep-2007
                          38.3,
                                    39,
     19.
                 10.9,
                                           1.5682
                                                                   ,07-Sep-2007
                                                     ,13:26:36
     20,
                 10.3,
                          39.1,
                                    38,
                                           1.1266
                                                     , 13:41:36
                                                                   ,07-Sep-2007
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Site ID: 00000097

Serial Number: 005430

User ID: 00000001 Data Points: 19

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/07/2007 07:51

Measurement Type: High Alarm Levels: Low Alarm Levels:

Min(ppm) Avg(ppm) 100.0 100.0 100.0 50.0 50.0 50.0

Line#	Date Time	Min(ppm) Alarn	n Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/07/2007 09:0	0.0	0.0			
2	09/07/2007 09:2	23 0.0	0.0			
3	09/07/2007 09:3	38 0.0	0.0			
4	09/07/2007 09::	53 0.0	0.0		•	
5	09/07/2007 10:0	0.0	0.0			
6	09/07/2007 10:2	23 0.0	0.0			
7	09/07/2007 10:3	38 0.0	0.0			
8	09/07/2007 10::	53 0.0	0.0			
9	09/07/2007 11:0	0.0	0.0			
10	09/07/2007 11:	23 0.0	0.0			
11	09/07/2007 11:	38 0.0	0.0			
12	09/07/2007 11:	53 0.0	0.0			
13	09/07/2007 12:	0.0	0.0			
14	09/07/2007 12:	23 0.0	0.0			
15	09/07/2007 12:	38 0.0	0.0			
16	09/07/2007 12:	53 0.0	0.0			
17	09/07/2007 13:	0.0	0.0			
18	09/07/2007 13:	23 0.0	0.0			
19	09/07/2007 13:	38 0.0	0.0			

```
dust 3 9707.txt
"Model Number",
                      "DataRAM 4 ", 105
"Serial no.
                      "D601
"Device no.
"Tag Number
"Start Time
                      08:53:40
"Start Date
                      07-Sep-2007
"Log Period
                      00:15:00
"Number
                      20
"CalFactor
                      1.000000
"Unit
                      "(MASS )ug/m3"
"ENABLED"
"Unit Name
"SIZE_CORRECT"
"TEMPUNITS
"Max MASS
                      57.916800
                      19 ,13:38:40
46.292010
"Max MASS
                                           ,07-Sep-2007
"Avg MASS
"Max Diam
                      0.365232
"Max Diam @
                      20 , 13:53:40
0.232730
                                          ,07-Sep-2007
"Avg Diam
"ALARM
                      "ENABLED"
"ALARM_LEVEL
"AUTO_ZERO
                      100.0
                      "DISABLED"
"AZ INTERVAL
"Errors
                      0000
"Errors , 0000 record, "(MASS )ug/m3", Temp, 1, 45.3, 73.9, 2, 38.8, 74.3, 36.0, 74.7,
                                       RHumidity, Diameter 62, 0.2783, 09:08 66, 0.2501, 09:23 67, 0.2315, 09:35
                                                            ,09:08:40
                                                                           ,07-Sep-2007
                                                           ,09:23:40
,09:38:40
                                                                          ,07-Sep-2007
,07-Sep-2007
                             75.2,
                                                0.2355
                                                           ,09:53:40
                   35.7,
                                        67,
                                                                           ,07-Sep-2007
                                                0.2969
0.2787
0.2244
                             75.8,
                                                           , 10:08:40
                   46.9,
                                                                           ,07-Sep-2007
                                        67,
                                                           ,10:23:40
                   44.7,
                                                                           ,07-Sep-2007
,07-Sep-2007
                             76.6,
                                        67,
       6,
                             ,
77.5,
                   54.9,
                                        66,
                                                           ,10:53:40
                             78.4,
                                        66,
                                                0.2044
                   37.4,
                                                                           ,07-Sep-2007
       8.
                   45.2,
                                                           ,11:08:40
       9,
                             79.2,
                                        65,
                                                0.1948
                                                                           ,07-Sep-2007
                   56.6,
                             80.0,
                                        64,
                                                0.2055
0.2162
                                                           ,11:23:40
,11:38:40
                                                                           ,07-Sep-2007
,07-Sep-2007
     10,
     11,
                   43.7,
                             80.8,
                                        63,
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                             81.6,
                                                0.2057
                                                            ,11:53:40
                                                                           ,07-Sep-2007
     12.
                                        62,
                                                            ,12:08:40
                                                                           ,07-Sep-2007
,07-Sep-2007
     13,
                   45.3,
                             82.3,
                                        61,
                                                0.1897
                                                           ,12:23:40
,12:38:40
,12:53:40
     14,
                   47.4,
                             83.1,
                                        61,
                                                0.1838
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,07-Sep-2007
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                   48.2,
                             83.8,
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                   47.5,
                             84.7,
                                                0.1925
                                        60,
     16,
                                        59,
                                                            ,13:08:40
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                   45.9,
                             85.6,
                                                0.2227
                                                                           ,07-Sep-2007
                   49.9,
                                        58,
                                                0.2272
                                                           ,13:23:40
                                                                           ,07-Sep-2007
     18,
                             86.8,
                                        57,
                                                           ,13:38:40
                                                                           ,07-Sep-2007
,07-Sep-2007
     19,
                   57.9,
                             87.9,
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56.3,

20,

88.4,

55,

0.3652

,13:53:40

User ID: 00000001 Site ID: 00000308

Serial Number: 009432

Data Points: 20 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/07/2007 08:06

Measurement Type:Min(ppm)Avg(ppm)High Alarm Levels:100.0100.0100.0Low Alarm Levels:50.050.050.0

Low	Alarm Levels:		50.0	50.0 	50.0		
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/07/2007 08::	55 0.0	0.0	4.4			
2	09/07/2007 09:	10 0.0	0.0	1.9			
3	09/07/2007 09:2	25 0.0	0.0	0.0			
4	09/07/2007 09:4	40 0.0	0.0	0.0			
5	09/07/2007 09:5	55 0.0	0.0	0.0			
6	09/07/2007 10:3	10 0.0	0.0	0.0			
7	09/07/2007 10:2	25 0.0	0.0	0.0			
8	09/07/2007 10:4	40 0.0	0.0	0.0			
9	09/07/2007 10:5	55 0.0	0.0	0.0			
10	09/07/2007 11:	10 0.0	0.0	0.0			
11	09/07/2007 11:		0.0	0.0			
12	09/07/2007 11:	40 0.0	0.0	0.0			
13	09/07/2007 11:	55 0.0	0.0	0.0			
14	09/07/2007 12:	10 0.0	0.0	0.0			
15	09/07/2007 12:	25 0.0	0.0	0.0			
16	09/07/2007 12:	40 0.0	0.0	0.0			
17	09/07/2007 12:	55 0.0	0.0	0.0			
18	09/07/2007 13:	10 0.0	0.0	0.0			
19	09/07/2007 13:	25 0.0	0.0	0.0			
20	09/07/2007 13:	40 0.0	0.0	0.0			

```
dust 4 9707.txt
"Model Number",
                     "DataRAM 4 ", 104
"D457 "
"Serial no.
"Device no.
"Tag Number
"Stärt Time
                     08:51:03
"Start Date
                     07-Sep-2007
"Log Period
                     00:15:00
"Number
                     20
"CalFactor
                     1.000000
"Unit
"Unit Name
"SIZE_CORRECT
                     "(MASS )ug/m3"
"DISABLED"
"TEMPUNITS
"Max MASS
                     76.135970
                    20 ,13:51:03
32.830590
"Max MASS
                                         ,07-Sep-2007
"Avg MASS
"Max Diam
                     0.368499
"Max Diam @
                     20 , 13:51:03
                                         ,07-Sep-2007
"Avg Diam
"ALARM
                     0.218354
                     "DISABLED"
"ALARM_LEVEL
                     0.0
"AUTO_ZERO
                     "DISABLED"
                 , 1
, 0000
)ug/m3", 1em,
42.9, 24.3,
26.3,
28.4,
"AZ INTERVAL
"Errors
         "(MASS
                                     RHumidity, Diameter 57, 0.2621 ,09:06 58, 0.2406 ,09:26 54, 0.2380 ,09:36
record,
                             Temp,
                                                         ,09:06:03
                                                                       ,07-Sep-2007
      2,
                                                         ,09:21:03
,09:36:03
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                                                                       ,07-Sep-2007
                  29.3,
                           30.5,
                                                         ,09:51:03
                                      50,
                                             0.2163
                                                                       ,07-Sep-2007
                                             0.2211
0.2036
0.2137
0.2055
                  28.0,
                                      46,
      5.
                           32.4,
                                                         ,10:06:03
                                                                       ,07~Sep-2007
      6,
                  25.5,
                            34.1,
                                      43,
                                                         ,10:21:03
                                                                       ,07-Sep-2007
                  25.3,
                           35.6,
                                                        ,10:36:03
,10:51:03
                                                                       ,07-Sep-2007
,07-Sep-2007
                                      40,
                                      38,
      8.
                  25.2,
                           36.8,
      9
                  25.3,
                           37.9,
                                                                       ,07-Sep-2007
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                           39.0,
     10.
                  26.2,
                                      34,
                                             0.2026
                                                         ,11:21:03
                                                                       ,07-Sep-2007
                                                        ,11:36:03
,11:51:03
                  26.8,
                                             0.1908
0.2072
                           40.0,
     11
                                      33,
                                                                       ,07-Sep-2007
     12,
                                      31,
                  28.5,
                           40.8,
                                                                       ,07-Sep-2007
,07-Sep-2007
                  29.5,
                                                        ,12:06:03
     13,
                           41.5,
                                      30,
                                             0.1968
                  29.9,
     14,
                           42.0,
                                      30,
                                             0.1921
                                                        ,12:21:03
                                                                       ,07-Sep-2007
                           42.4,
     15,
                  31.5,
                                      29,
                                              0.1961
                                                         ,12:36:03
                                                                       ,07-Sep-2007
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                           42.6,
                  32.0,
                                                         ,12:51:03
                                      29,
                                             0.2006
                                                                       ,07-Sep-2007
,07-Sep-2007
                                      29,
     17,
                  33.2.
                           42.9,
                                             0.2003
                                                        ,13:06:03
     18,
                  35.4,
                                      29,
                                                        ,13:21:03
                                                                       ,07-Sep-2007
,07-Sep-2007
                           43.1,
                                             0.2051
                  37.4,
                                      29,
                                             0.2077
     19,
                           43.3,
                                                        ,13:36:03
     20,
                  76.1,
                                                         ,13:51:03
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                                                                       ,07-Sep-2007
```

User ID: 00000000 Site ID: 00000339

0 (PGM7600) Serial Number: 005550

Data Points: 24 Gas Name: Isobutylene Last Calibration Time: 09/10/2007 07:29

Isobutylene Sample Period: 900 sec 007 07:29

Measurement Type: High Alarm Levels: Low Alarm Levels: Min(ppm) Avg(ppm) 55.0 55.0 55.0 50.0 50.0 50.0

Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/10/2007 08:	12 0.4	0.9	2.2				
2	09/10/2007 08:3	27 0.3	0.6	1.5				
3	09/10/2007 08:4	42 0.3	0.9	2.3				
4	09/10/2007 08::	57 0.4	0.9	1.6				
5	09/10/2007 09:	12 1.0	1.3	1.8				
6	09/10/2007 09:2	27 1.2	1.5	2.0				
7	09/10/2007 09:4	42 0.9	1.7	2.7				
8	09/10/2007 09:	57 0.1	0.7	1.3				
9	09/10/2007 10:	12 0.0	0.3	0.6				
10	09/10/2007 10:	27 0.0	0.2	0.6				
11	09/10/2007 10:	42 0.0	0.2	0.6				
12	09/10/2007 10:	57 0.0	0.2	0.9				
13	09/10/2007 11:	12 0.0	0.1	0.4				•
14	09/10/2007 11:	27 0.0	0.0	0.4				
15	09/10/2007 11:	42 0.0	0.0	0.3				
16	09/10/2007 11:	57 0.0	0.0	0.7				
17	09/10/2007 12:	12 0.0	0.0	0.2				
18	09/10/2007 12:	27 0.0	0.0	0.5				
19	09/10/2007 12:	42 0.0	0.0	0.5		^		
20	09/10/2007 12:	57 0.0	0.0	0.3				
21	09/10/2007 13:	12 0.0	0.1	0.4				
22	09/10/2007 13:	27 0.0	0.2	1.9				
23	09/10/2007 13:	42 0.0	0.2	1.8				
24	09/10/2007 13:	57 0.0	0.1	0.4				

```
DUST1-091007.txt
                       "DataRAM 4 ",
"Model Number",
                                          104
"Serial no.
                       "D405
"Device no.
"Tag Number
"Start Time
                      09:08:34
"Start Date
                       10-Sep-2007
"Log Period
                       00:15:00
"Number
                       25
"CalFactor
                       1.000000
"Unit
"Unit Name "
"SIZE_CORRECT"
"TEMPUNITS "
                       "(MASS )ug/m3"
                       "ĎISABLÉD
                       С
"Max MASS
                       9.800114
                      25 , 15:23:34
0.611123
"Max MASS
               ര
                                            ,10-Sep-2007
"Avg MASS
"Max Diam
                      0.620999
                      25 , 15:23:34
0.353428
"Max Diam @
                      25
                                            ,10-Sep-2007
"Avg Diam
"ALÄRM
                       "ENABLED"
"ALARM_LEVEL
                       100.0
"AUTO ZERO
                       "DISABLED"
"AZ INTERVAL
"Errors
                      0100
          "(MASS)ug/m3", Temp, RHumidity, Diameter
5.5, 26.9, 67, 0.4525,09:23
0.0, 27.5, 70, 0.3375,09:33
0.0, 28.1, 70, 0.3375,09:53
record,
                                                             ,09:23:34
,09:38:34
,09:53:34
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                                                                             ,10-Sep-2007
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,10-Sep-2007
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,10-Sep-2007
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                                                             ,11:38:34
,11:53:34
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30.2,
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70,
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0.3375
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, 10-Sep-2007
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                              30.7,
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0.3375
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                              31.1,
                                         68,
                                                             ,12:38:34
,12:53:34
,13:08:34
                              31.6,
     14,
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                                         67,
                                                                             ,10-Sep-2007
                                                 0.3375
0.3375
                              32.6,
                                                                             ,10-Sep-2007
,10-Sep-2007
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                              33.6,
     16,
                     0.0.
                                         64,
                                                             , 13:23:34
                                                                             , 10-Sep-2007
     17,
                     0.0,
                              34.2,
                                         62,
                                                 0.3375
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0.3375
0.3375
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                     0.0,
                              35.3,
                                         60,
                                                             ,13:38:34
                                                                             ,10-Sep-2007
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,14:08:34
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                              35.2,
                                         57,
                                                                             , 10-Sep-2007
                              34.4,
     20,
                     0.0,
                                         58,
                                                                             , 10-Sep-2007
                                                             ,14:23:34
,14:38:34
                                                                             , 10-Sep-2007
     21,
                     0.0,
                              34.0.
                                         58,
                                                 0.3375
     22,
                     0.0,
                              34.0,
                                         58,
                                                                             , 10-Sep-2007
                                                 0.3375
                              35.2,
35.0,
                                                             ,14:53:34
,15:08:34
,15:23:34
     23,
                     0.0,
                                                 0.3375
                                         56,
                                                                             ,10-Sep-2007
      24,
                                                                             ,10-Sep-2007
                     0.0,
                                                 0.3375
                                         56,
                              34.3,
     25,
                     9.8,
                                         56,
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0.6210

, 10-Sep-2007

User ID: 00000001 Site ID: 00000032

00 (PGM7600) Serial Number: 005453

Data Points: 23 Gas Name: Isobutylene Last Calibration Time: 09/07/2007 07:39

e: Isobutylene Sample Period: 900 sec 2007 07:39

Measurement Type: High Alarm Levels:

Min(ppm) Avg(ppm) 100.0 100.0 100.0

100.0 100.0 100.0 50.0 50.0 50.0

_	Alarm Levels:		50.0	50.0	50.0				
Line#	Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm		
1	09/10/2007 09:3	 35	0.0	0.0					
2	09/10/2007 09:5	50	0.0	0.0					
3	09/10/2007 10:0)5	0.0	0.0					
4	09/10/2007 10:2	20	0.0	0.0		-			
5	09/10/2007 10:3	35	0.0	0.0					
6	09/10/2007 10:5	50	0.0	0.0					
7	09/10/2007 11:0)5	0.0	0.0					
8	09/10/2007 11:2	20	0.0	0.0					
9	09/10/2007 11:3	35	0.0	0.0					
10	09/10/2007 11::	50	0.0	0.0					
11	09/10/2007 12:0	05	0.0	0.0				•	
12	09/10/2007 12:2	20	0.0	0.0		-			
13	09/10/2007 12:3	35	0.0	0.0					
14	09/10/2007 12::	50	0.0	0.0					
15	09/10/2007 13:0		0.0	0.0					
16	09/10/2007 13:2	20	0.0	0.0					
17	09/10/2007 13:3	35	0.0	0.0		•			
18	09/10/2007 13::	50	0.0	0.0					
19	09/10/2007 14:0	05	0.0	0.0					
20	09/10/2007 14:2		0.0	0.0					
21	09/10/2007 14:3		0.0	0.0					
22	09/10/2007 14::		0.0	0.0					
23	09/10/2007 15:0	05	0.0	0.0					

```
DUST2-091007.txt
"Model Number"
                    "DataRAM 4 "
                                      104
                    "D328
"Serial no.
"Device no.
                    2
"Tag Number
                    17
"Start Time
                    09:33:18
"Start Date
                    10-Sep-2007
"Log Period
                    00:15:00
"Number
                    23
"CalFactor
                    1.000000
"Unit
                    0
                    "(MASS )ug/m3"
"DISABLED"
"Unit Name
"SIZE_CORRECT"
"TEMPUNITS
"Max MASS
                    С
                    70.399660
"Max MASS
                    21 , 14:48:18
20.817840
                                        , 10-Sep-2007
"Avg MASS
"Max Diam
                    4.126960
"Max Diam @
                         , 10 : 03 : 18
                                      ,10-Sep-2007
                    3.603724
"ENABLED"
"Avg_Diam
"ALĂRM
"ALARM_LEVEL
                    100.0
"AUTO_ZERO
"AZ INTERVAL
                    "DISABLED"
"Errors
                    0001
         "(MASS
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23,

40.7,

33.6,

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2.6198

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,10-Sep-2007

User ID: 00000001 Site ID: 00000098 Serial Number: 005430

Data Points: 24 Gas Name: Isobutylene Last Calibration Time: 09/10/2007 08:39

Sample Period: 900 sec

50.0

Measurement Type:

Min(ppm) 100.0

Avg(ppm) 100.0 Max(ppm)

High Alarm Levels: Low Alarm Levels:

100.0 50.0 50.0

Line#	Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm			
1	09/10/2007 09:	15	0.0	0.0				,		
2	09/10/2007 09:3	30	0.0	0.0						
3	09/10/2007 09:4	45	0.0	0.0						
4	09/10/2007 10:0	00	0.0	0.0						
5	09/10/2007 10:	15	0.0	0.0						
6	09/10/2007 10:3	30	0.0	0.0						
7	09/10/2007 10:4	45	0.0	0.0						
8	09/10/2007 11:0	00	0.0	0.0						
9	09/10/2007 11:	15	0.0	0.0						
10	09/10/2007 11:	:30	0.0	0.0						
11	09/10/2007 11:	:45	0.0	0.0						
12	09/10/2007 12:	:00	0.0	0.0						
13	09/10/2007 12:	:15	0.0	0.0						
14	09/10/2007 12:	:30	0.0	0.0						
15	09/10/2007 12:	:45	0.0	0.0						
16	09/10/2007 13:	:00	0.0	0.0						
17	09/10/2007 13:	:15	0.0	0.0						
18	09/10/2007 13:	:30	0.0	0.0						
19	09/10/2007 13:	:45	0.0	0.0				·		
20	09/10/2007 14:	:00	0.0	0.0						
21	09/10/2007 14:	:15	0.0	0.0						
22	09/10/2007 14:	:30	0.0	0.0						
23	09/10/2007 14:	:45	0.0	0.0						
24	09/10/2007 15:	:00	0.0	0.0						

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DUST3-091007.txt
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"Serial no.
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"Log Period
                    00:15:00
"Number
                     26
"CalFactor
                    1.000000
"Unit
"Unit Name
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"ENABLED"
"SIZE_CORRECT"
"TEMPUNITS
"Max MASS
                     49.814200
"Max MASS
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"Avg MASS
                    21.995570
"Max Diam
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"Max Diam @
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"Avg Diam
                    0.495091
                     "ENABLED"
"ALARM_LEVEL
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"AUTO_ZERO
                     "DISABLED"
"AZ IÑTERVAL
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25.4, 77.8,
17.9, 77.9,
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                           86.2,
                                             0.4164
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                                     66,
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26,

33.2,

86.0,

65,

0.5062

,15:22:18

,10-Sep-2007

User ID: 00000001 Site ID: 00000311

Serial Number: 009432

Data Points: 12

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/10/2007 08:51

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

Low A	Alarm Levels:		50.0	50.0	50.0			
Line#	Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1 (09/10/2007 12:	31 0.0	0.0	0.0				
2	09/10/2007 12:4	46 0.0	0.0	0.0				
3	09/10/2007 13:0	0.0	0.0	0.0				
4	09/10/2007 13:	16 0.0	0.0	0.0				
5 (09/10/2007 13:3	31 0.0	0.0	0.0				
6	09/10/2007 13:4	46 0.0	0.0	0.0				
7 (09/10/2007 14:0	0.0	0.0	0.1				
8	09/10/2007 14:	16 0.0	0.0	0.2				
9 (09/10/2007 14:3	31 0.0	0.0	0.2				
10	09/10/2007 14:	46 0.0	0.0	0.4				
11	09/10/2007 15:	01 0.0	0.1	0.5				
12	09/10/2007 15:	16 0.0	0 1.0	29.2				

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DUST4-091007.txt
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"D457 "
"Model Number",
"Serial no.
"Device no.
"Tag Number
"Start Time
"Start Date
                    09:38:38
                    10-Sep-2007
"Log Period
                    00:15:00
"Number
                    23
"CalFactor
                    1.000000
"Unit
                    ö
"Unit Name
                      (MASS )ug/m3"
"SIZE_CORRECT",
                    "DISABLÉD
"TEMPUNITS
"Max MASS
                    97.990250
"Max MASS
                    23 , 15:23:38
43.169970
                                        ,10-Sep-2007
                ,, ,
"Avg MASS
"Max Diam
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"Max Diam @
                    1 ,09:53:38
                                       ,10-Sep-2007
"Avg Diam
"ALARM
                    0.505254
                     "DISABLED"
"ALARM_LEVEL
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"AUTO_ZERO
                    "DISABLED"
"AZ INTERVAL
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"Errors
                    1000
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User ID: 00000000 Site ID: 00000340

Serial Number: 005550

Data Points: 30 Gas Name: Isobutylene Last Calibration Time: 09/10/2007 07:29 Sample Period: 900 sec

Measurement Type:	Min(ppm)		Avg(ppm)	Max(ppm)
High Alarm Levels:	55.0	55.0	55.0	
Low Alarm Levels:	50.0	50.0	50.0	

Line#	Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/11/2007 07:0	00 1.9	2.5	3.1				
2	09/11/2007 07:	15 2.4	2.8	3.3		•		
3	09/11/2007 07:3	30 2.9	3.4	3.9				
4	09/11/2007 07:4	45 3.5	4.3	5.3				
5	09/11/2007 08:0	00 4.0	4.3	4.8				
	09/11/2007 08:3		5.1	6.1				
7	09/11/2007 08:3		8.0	10.8				
	09/11/2007 08:4		13.9	18.6				
9	09/11/2007 09:0		19.9	23.6				
10	09/11/2007 09:		24.1	29.7				
11	09/11/2007 09:		34.3					
12	09/11/2007 09:		36.6					
13	09/11/2007 10:		26.6					
14	09/11/2007 10:		20.1	29.7				
15	09/11/2007 10:		14.8		•			
16	09/11/2007 10:		16.5					
17	09/11/2007 11:		21.1	23.3				
18	09/11/2007 11:		20.6					
19	09/11/2007 11:		16.0					
20	09/11/2007 11:		13.1	15.8				
21	09/11/2007 12:		12.5					
22	09/11/2007 12:		10.6	13.2				
23	09/11/2007 12:		8.4	11.4				
24	09/11/2007 12:		8.6	10.3				
25	09/11/2007 13:		7.4	8.2				
26	09/11/2007 13:		7.3	8.9				
27	09/11/2007 13:		8.6	10.2				
28	09/11/2007 13:		9.8	11.8				
29	09/11/2007 14:		8.9	10.2				
30	09/11/2007 14:	15 7.3	9.3	11.1				

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"Serial no.
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                     07:57:50
"Start Date
                     11-Sep-2007
"Log Period
                     00:15:00
"Number
                     31
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                      "(MASS )ug/m3"
                      "DISABLED
"TEMPUNITS
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                     6 ,09:27:50
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"Max MASS
                                         ,11-Sep-2007
"Avg MASS
"Max Diam
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"Max Diam @
"Avg Diam
"ALĂRM
                      "ENABLED"
"ALARM_LEVEL
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"AUTO_ZERO
                      "DISABLED"
"AZ INTERVAL
"Errors
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,11-Sep-2007

Site ID: 00000033 User ID: 00000001

Serial Number: 005453

Gas Name: Isobutylene Data Points: 32

Sample Period: 900 sec

100.0

50.0

Last Calibration Time: 09/07/2007 07:39

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

Line	# Date Time	Min(ppm) Alarm	n Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/11/2007 07:	48 40.0	62.1 L			
2	09/11/2007 08:	03 39.4	48.7			
3	09/11/2007 08:	18 41.2	45.5			
4	09/11/2007 08:3	33 39.0	46.2			
5	09/11/2007 08:	48 36.6	43.4			
6	09/11/2007 09:	03 34.3	40.3			
7	09/11/2007 09:	18 47.4	68.3 L			
8	09/11/2007 09:3	33 75.0) L 92.7 I	,		
9	09/11/2007 09:4			H		
10	09/11/2007 10:		.2 H 278.5	Н		
11	09/11/2007 10:	:18 115	.5 H 155.2	H		
12	09/11/2007 10:		9 L 148.5			
13	09/11/2007 10:		.0 H 147.5			
14	09/11/2007 11:		6 L 128.9			
15	09/11/2007 11:			•		
16	09/11/2007 11:	:33 26.4	4 34.2			
17	09/11/2007 11:		9 L 97.1 1			
18	09/11/2007 12:		7 L 88.7 1			
19	09/11/2007 12:	:18 65.:	5 L 86.5	L		
20	09/11/2007 12:	:33 49.4	4 62.0 L			
21	09/11/2007 12:	:48 25.4	4 35.6			
22	09/11/2007 13:		5 32.8			
23	09/11/2007 13:	:18 13.6	5 21.4			
24	09/11/2007 13:					
25	09/11/2007 13:	:48 14.	7 23.5			
26	09/11/2007 14:					
27	09/11/2007 14:	:18 22.7	7 37.3			
28	09/11/2007 14:	:33 35.:	5 50.1 L			
29	09/11/2007 14:	:48 37.:	5 49.5			
30	09/11/2007 15:	:03 22.0	33.3			
31	09/11/2007 15:	:18 15.	7 28.6			
32	09/11/2007 15:	:33 11.	1 21.7			

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"Start Date
                      11-Sep-2007
"Log Period
                     00:15:00
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                      33
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"DISABLED"
"Unit Name
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"TEMPUNITS "
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1.089702
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,11-Sep-2007

User ID: 00000001 Site ID: 00000099

7600) Serial Number: 005430

Data Points: 32 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/10/2007 08:39

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) A	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/11/2007 07:	48	0.0	0.0			
2	09/11/2007 08:	03	0.0	0.0			
3	09/11/2007 08:	18	1.2	4.4			
4	09/11/2007 08:	33	3.8	9.6			
5	09/11/2007 08:	48	3.6	7.9			
6	09/11/2007 09:	03	3.0	5.9			
7	09/11/2007 09:	18	2.2	5.9			
8	09/11/2007 09:	33	0.8	5.3			
9	09/11/2007 09:4	48	0.0	1.2			
10	09/11/2007 10:	03	0.0	0.4			
11	09/11/2007 10:	18	0.0	0.0			
12	09/11/2007 10:	33	0.0	0.0			
13	09/11/2007 10:	48	0.0	0.0			
14	09/11/2007 11:	03	0.0	0.0			
15	09/11/2007 11:	18	0.0	0.0			
16	09/11/2007 11:	33 .	0.0	0.6			
17	09/11/2007 11:	48	0.0	0.0			
18	09/11/2007 12:	03	0.0	0.0			
19	09/11/2007 12:	18	0.0	0.0			
20	09/11/2007 12:	33	0.0	0.0			
21	09/11/2007 12:	48	0.0	0.0			
22	09/11/2007 13:	03	0.0	0.0			
23	09/11/2007 13:	18	0.0	0.0			
24	09/11/2007 13:	33	0.0	0.0			
25	09/11/2007 13:	48	0.0	0.0			
26	09/11/2007 14:	03	0.0	0.0			
27	09/11/2007 14:	18	0.0	0.0			
28	09/11/2007 14:	33	0.0	0.0			
29	09/11/2007 14:		0.0	0.0			
30	09/11/2007 15:	03	0.0	0.0			
31	09/11/2007 15:	18	0.0	0.0			
32	09/11/2007 15:		0.0	0.0			

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dust 3 91107.txt
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                    00:15:00
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                    33
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"ENABLED"
"TEMPUNITS
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"Max Diam @
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"Avg Diam
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                    "ENABLED"
"ALARM_LEVEL
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"AUTO_ZERO
                    "DISABLED"
"AZ INTERVAL
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User ID: 00000001 Site ID: 00000312

Data Points: 30 Gas Name: Isobutylene Serial Number: 009432

Sample Period: 900 sec

Last Calibration Time: 09/10/2007 08:51

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)	Alarm A	.vg(ppm)	Alarm Max(ppm)	Alarm	
1	09/11/2007 08:1	7 0.2	0.4	1.0			
2	09/11/2007 08:3	2 0.0	0.5	1.2			
3	09/11/2007 08:4	7 0.0	0.5	1.3			
4	09/11/2007 09:0	2 0.0	0.5	1.2			
5	09/11/2007 09:1	7 0.1	0.6	1.1			
6	09/11/2007 09:3	2 0.3	0.6	1.1			
7	09/11/2007 09:4	7 0.5	0.8	1.1			
8	09/11/2007 10:0	2 0.7	1.1	1.9			
9	09/11/2007 10:1	7 1.1	1.7	2.2			
10	09/11/2007 10:3	32 1.1	1.5	2.1			
11	09/11/2007 10:4	1.1	1.7	2.3			
12	09/11/2007 11:0		2.2	3.0			
13	09/11/2007 11:1	7 2.1	2.4	2.8			
14	09/11/2007 11:3	32 1.6	2.0	2.6			
15	09/11/2007 11:4	1.7	2.0	2.5			
16	09/11/2007 12:0	2.1	2.4	2.8			
17	09/11/2007 12:1	7 2.1	2.3	2.7			
18	09/11/2007 12:3	32 2.1	2.2	2.6			
19	09/11/2007 12:4		2.1	2.4			
20	09/11/2007 13:0	1.6	2.0	2.3		•	·
21	09/11/2007 13:1		1.9	2.3			
22	09/11/2007 13:3		1.3	1.7			
23	09/11/2007 13:4		1.3	1.8			
24	09/11/2007 14:0		1.2	1.6			
25	09/11/2007 14:1		1.4	1.8			
26	09/11/2007 14:3		17	1.9			
27	09/11/2007 14:4		1.8	2.2			
28	09/11/2007 15:0		1.9	2.2			
29	09/11/2007 15:1	7 1.5	1.7	2.0			
30	09/11/2007 15:3	2 1.4	1.7	1.9			

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dust 4 91107.txt
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"TEMPUNITS
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34.523600
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User ID: 00000000 Site ID: 00000341

Serial Number: 005550

Data Points: 34

Gas Name: Isobutylene Last Calibration Time: 09/10/2007 07:29

Sample Period: 900 sec

Measurement Type: High Alarm Levels: Alarm Levels

Min(ppm) Avg(ppm) 55.0 55.0 55.0 50.0

Line#	Date Time	М	in(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/12/2007 0	6:31	0.0	0.0	0.0				
2	09/12/2007 0	6:46	0.0	0.0	0.1				
3	09/12/2007 0	7:01	0.0	0.0	0.2				
4	09/12/2007 0	7:16	0.0	0.0	0.2				
5.	09/12/2007 0	7:31	0.0	0.0	0.2				
6	09/12/2007 0	7:46	0.0	0.0	0.2				
7	09/12/2007 0	8:01	0.0	0.0	0.2				
	09/12/2007 0		0.0	0.0	0.2				
	09/12/2007 0		0.0	0.0	0.1				
10	09/12/2007 0	8:46	0.0	0.0	0.0				
	09/12/2007 0		0.0	0.0					
	09/12/2007 0		0.0	0.0					
	09/12/2007 0		0.0	0.0					
	09/12/2007 0		0.0	0.0					
	09/12/2007 1		0.0	0.0					
	09/12/2007 1		0.0	0.0	0.1				
	09/12/2007 1		0.0	0.0	1.1				
	09/12/2007 1		0.0	0.0	1.3				
19	09/12/2007 1	1:01	0.0	0.0	0.0				
20	09/12/2007 1	1:16	0.0	0.0	0.2				
21	09/12/2007 1	1:31	0.0	0.0	0.3				
22	09/12/2007 1	1:46	0.0	0.2	1.1				
23	09/12/2007 1	2:01	0.3	0.5	0.8				
24	09/12/2007 1	2:16	0.0	0.7	2.3				
25	09/12/2007 1	2:31	0.2	0.8	2.4				
	09/12/2007 1		0.6	0.8	1.2				
27	09/12/2007 1	3:01	0.4	0.9	1.3				
	09/12/2007 1		0.4	0.9	1.8				
29	09/12/2007 1	3:31	0.4	0.9	1.3				
30	09/12/2007 1	3:46	0.2	0.9	1.4				
31	09/12/2007 1	4:01	0.0	0.6	1.3				•
32	09/12/2007 1	4:16	0.0	0.6	1.4				
33	09/12/2007 1	4:31	0.0	0.7	1.6				
34	09/12/2007 1	4:46	0.1	0.6	1.0				

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Site ID: 00000034

Serial Number: 005453

User ID: 00000001 Data Points: 34

Gas Name: Isobutylene Sample Period: 900 sec

Last Calibration Time: 09/07/2007 07:39

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

	Alam Bevels.							 	
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm		
1	09/12/2007 07:	26	0.0	0.2					
2	09/12/2007 07:	41	0.0	0.6					
3	09/12/2007 07:	56	0.1	0.7					
4	09/12/2007 08:	11	0.3	0.9					
5	09/12/2007 08:	26	0.7	1.8					
6	09/12/2007 08:	41	0.3	1.4					
7	09/12/2007 08:	56	0.0	0.6					
8	09/12/2007 09:	11	0.1	1.2					
9	09/12/2007 09:	26	0.0	0.8					
10	09/12/2007 09	:41	0.0	0.0					
11	09/12/2007 09	:56	0.0	0.0					
12	09/12/2007 10	:11	0.0	0.0					
13	09/12/2007 10	:26	0.0	0.0					
14	09/12/2007 10	:41	0.0	0.0					
15	09/12/2007 10	:56	0.0	0.0	•				
16	09/12/2007 11	:11	0.0	0.0					
17	09/12/2007 11	:26	0.0	0.0					
18	09/12/2007 11	:41	0.0	0.9					
19	09/12/2007 11	:56	0.0	0.0					
20	09/12/2007 12	:11	0.0	0.0			*		
21	09/12/2007 12	:26	0.0	0.0					
22	09/12/2007 12	:41	0.0	0.0					
23	09/12/2007 12	:56	0.0	0.0					
24	09/12/2007 13:	:11	0.0	0.0					
25	09/12/2007 13	:26	0.0	0.0					
26	09/12/2007 13:	:41	0.0	0.0					
27	09/12/2007 13:	:56	0.0	0.0					
28	09/12/2007 14:	:11	0.0	0.0					
29	09/12/2007 14:	:26	0.0	0.0					
30	09/12/2007 14:	:41	0.0	0.0					
31	09/12/2007 14:	:56	0.0	0.0					
32	09/12/2007 15:	:11	0.0	0.0					
33	09/12/2007 15:	:26	0.0	0.0					
34	09/12/2007 15:	:41	0.0	0.0					

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dust 2 91207.txt
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"Number
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User ID: 00000001 Site ID: 00000100 Data Points: 34

Serial Number: 005430

Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/10/2007 08:39

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

Low	Alarm Levels:		50.0 	30.0 	50.0		
Line	# Date Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm
1	09/12/2007 07:	35	1.6	5.7			
2	09/12/2007 07:	50	1.7	6.1			
3	09/12/2007 08:	05	2.9	15.3			
4	09/12/2007 08:	20	3.3	9.8			
5	09/12/2007 08:	35	3.9	14.5			
6	09/12/2007 08::	50	3.1	10.8			·
7	09/12/2007 09:0	05	1.8	7.6			
8	09/12/2007 09:3	20	1.5	7.6			
9	09/12/2007 09:3	35	1.4	6.1			
10	09/12/2007 09:	:50	1.5	7.6			
11	09/12/2007 10:	:05	1.3	7.9			
12	09/12/2007 10:	:20	1.2	5.1			
13	09/12/2007 10:	:35	1.1	8.3			
14	09/12/2007 10:	:50	1.0	7.2			
15	09/12/2007 11:	:05	0.8	7.9			
16	09/12/2007 11:	20	1.0	5.1			
17	09/12/2007 11:	:35	1.1	5.5			
18	09/12/2007 11:	:50	0.6	4.9			
19	09/12/2007 12:		1.1	5.3			
20	09/12/2007 12:	20	0.6	4.2			
21	09/12/2007 12:	35	0.5	4.9			
22	09/12/2007 12:	50	0.0	0.0			
23	09/12/2007 13:	05	0.0	0.0			
24	09/12/2007 13:	20	0.0	0.0			
25	09/12/2007 13:	35	0.0	0.0			
26	09/12/2007 13:	50	0.0	0.0			
27	09/12/2007 14:	05	0.0	0.0			
28	09/12/2007 14:	20	0.0	0.0			
29	09/12/2007 14:	35	0.0	0.0			
30	09/12/2007 14:	50	0.0	0.0			
31	09/12/2007 15:	05	0.0	0.0			
32	09/12/2007 15:	20	0.0	0.0			
33	09/12/2007 15:	35	0.0	0.0			
34	09/12/2007 15:	50	0.0	0.0			•

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dust 3 91207.txt
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                     12-Sep-2007
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                    00:15:00
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dust 4 91207.txt

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"DISABLED"
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                     "DISABLED"
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                                                                        ,12-Sep-2007
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User ID: 00000000 Site ID: 00000342

Data Points: 30 Gas Name: Isobutylene

Serial Number: 005550

Sample Period: 900 sec

Last Calibration Time: 09/13/2007 05:30

26 09/13/2007 12:15

27 09/13/2007 12:30

28 09/13/2007 12:45

29 09/13/2007 13:00

30 09/13/2007 13:15

5.3

22.7

21.2

0.0

3.0

29.6

31.3

32.1

31.9

32.6

48.2

34.7

37.7

55.0 L

55.7 H

High	urement Type: Alarm Levels: Alarm Levels:	55	in(ppm) 5.0 55.0 0.0 50.0	Avg(ppm) 55.0 50.0	Max(ppm)	
Line#	Date Time	Min(ppm)	Alarm Avg(ppm) Alarm	Max(ppm) Alarm	
1	09/13/2007 06:0	0 7.5	14.6	24.2		
2	09/13/2007 06:1	5 10.6	25.1	33.2		
3	09/13/2007 06:3	0 28.0	42.9	61.0 H		
4	09/13/2007 06:4	5 57.2 H	87.1 H	129.9 H		
5	09/13/2007 07:0	0 124.4 H	I 168.4 H	216.0 H		
6	09/13/2007 07:1	5 203.4 H	I 224.2 H	248.7 H		
7	09/13/2007 07:3	0 99.2 H	162.7 H	224.2 H		
8	09/13/2007 07:4	5 54.2 L	79.2 H	106.3 H		
9	09/13/2007 08:0	0 39.2	51.8 L	64.0 H		
10	09/13/2007 08:1	5 30.2	37.5	45.2		
11	09/13/2007 08:3	30 25.0	31.5	38.5		
12	09/13/2007 08:4	15 18.1	25.9	34.7		
. 13	09/13/2007 09:0	0.0	19.1	70.7 H		
14	09/13/2007 09:	9.8	12.6	16.6		
15	09/13/2007 09:3	6.0	10.0	14.3		
16	09/13/2007 09:4	15 0.0	11.1	35.5		
17	09/13/2007 10:0	00 7.5	11.7	16.6		
18	09/13/2007 10:	15 9.0	11.4	13.6		
19	09/13/2007 10:3	9.0	11.6	14.3		
20	09/13/2007 10:4	45 9.0	11.9	15.1		
21	09/13/2007 11:0	00 6.0	12.7	15.9		
_ 22	09/13/2007 11:	15 11.3	17.8	23.4		
23	09/13/2007 11:		19.5	31.0		
24	09/13/2007 11:4		22.8	28.0		
25	09/13/2007 12:0	00 15.9	27.8	44.5		

DUST1-091307.txt

```
DATE
9-13-07
TIME ug/m^3
6:58 14.43
7:13 0
7:28 0
7:43 0
7:58 0
8:13 0
8:28 0
9:13 0
9:28 0
9:13 0
9:28 0
9:13 0
10:28 0
10:43 0
10:28 0
10:43 0
11:28 0
11:13 0
11:28 0
11:43 0
11:58 0
12:13 0
11:28 0
11:43 0
11:58 0
12:13 0
11:43 0
11:43 0
11:58 0
11:43 7.7
```

User ID: 00000001 Site ID: 00000035

Data Points: 2 Gas Name: Isobutylene Serial Number: 005453

Sample Period: 900 sec

Last Calibration Time: 09/13/2007 06:29

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)	Alarm			Max(ppm)	Alarm	
1	09/13/2	2007 06:5	== == ================================	11.2	21.3				
2	09/13/2	2007 07:1	14	72.8	L 165.0 1	H			

DUST2-091307.txt

```
Date
9-13-07
Time ug/m^3
07:03 10.2
07:18 20.6
07:33 18.2
07:48 17.9
08:03 14.3
08:18 19.1
08:33 19.9
08:48 14.4
09:03 14.2
09:18 16.0
09:33 12.7
09:48 5.8
10:03 6.1
10:18 6.1
10:33 8.1
10:48 18.1
11:03 6.6
11:18 5.3
11:33 7.8
11:48 7.3
12:03 5.8
12:18 4.8
12:33 4.3
12:48 4.2
13:03 10.0
13:18 2.7
13:33 1.8
13:48 14.0
14:03 3.5
14:18 8.4
14:33 4.3
```

0 (PGM7600) Serial Number: 005430

User ID: 00000001 Data Points: 30

Site ID: 00000101 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/13/2007 06:40

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

L.	THAITIT LEVELS.						
Line#	# Date Time 1	Min(ppm) Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm	
1	09/13/2007 07:03	0.0	0.5			# 2	
2	09/13/2007 07:18	0.0	0.4				
3	09/13/2007 07:33	0.0	0.7				
4	09/13/2007 07:48	0.0	1.2			·	
5	09/13/2007 08:03	0.0	1.3				
6	09/13/2007 08:18	0.0	1.3				
7	09/13/2007 08:33		1.1				
8	09/13/2007 08:48		1.5				
9	09/13/2007 09:03		1.5				
10	09/13/2007 09:18		1.2				
11	09/13/2007 09:33		0.9				
12	09/13/2007 09:48		1.1				
, 13	09/13/2007 10:03		1.1				
14	09/13/2007 10:18		1.4				
15	09/13/2007 10:33		1.6				
16	09/13/2007 10:48		1.7				
17	09/13/2007 11:03		2.2				
18	09/13/2007 11:18		2.4				
19	09/13/2007 11:33		2.8				
20	09/13/2007 11:48		3.3				
21	09/13/2007 12:03		2.8				
22	09/13/2007 12:18		2.8				
23	09/13/2007 12:33		1.8				
24	09/13/2007 12:48		2.8				
25	09/13/2007 13:03		6.3				
26	09/13/2007 13:13		2.4				
27	09/13/2007 13:33		0.0				
28	09/13/2007 13:4		0.0				
29	09/13/2007 14:03		0.0				
30	09/13/2007 14:13	8 0.0	0.0				
l .							

DUST3-091307.txt

```
DATE
9-13-07
TIME ug/m^3
6:55 10.5
7:10 12.3
7:25 11.3
7:25 13.8
8:10 14.1
8:25 15.2
8:40 14.5
8:55 11.8
9:10 14.4
9:25 11.3
9:40 9.8
9:55 9.4
10:10 9.4
10:40 9.6
10:55 9.9
11:10 5.4
11:25 11.7
11:40 16.7
11:55 5.1
12:10 6.1
12:25 9.0
12:40 20.0
12:55 21.1
13:25 10.3
13:40 19.4
13:55 11.9
14:10 4.3
14:25 88.8
```

0 (PGM7600) Serial Number: 009432

User ID: 00000001 Site ID: 00000315 Data Points: 30 Gas Name: Isobutylene

Sample Period: 900 sec

Last Calibration Time: 09/13/2007 06:48

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

Low	Alarm L	evels:		50.0	50.0	50.0				
Line#	Date	Time	Min(ppm)	Alarm	Avg(ppm)	Alarm	Max(ppm)	Alarm		
1	09/13/2	007 07:1	7 2.1	2.9	4.2					
2	09/13/2	007 07:3	2 2.6	3.6	5.5					
3	09/13/2	007 07:4	7 3.4	4.1	4.7					
4	09/13/2	007 08:0	2 3.7	4.2	5.3					
. 5	09/13/2	007 08:1	7 3.4	4.0	4.7					
6	09/13/2	007 08:3		3.9	6.1					
7	09/13/2	007 08:4			6.6					
L		007 09:0			4.5					
1		007 09:1			2.9					
10		2007 09:3								
_ 11		2007 09:4								
12		2007 10:0								
13		2007 10:								
14		2007 10::								
15		2007 10:4								
16		2007 11:								
1 7		2007 11:								
18		2007 11:								
19		2007 11:								
20		2007 12:								
21		2007 12:								
22		2007 12:								
23		2007 12:								
24		2007 13:								
25		2007 13:								
26		2007 13:								
27		2007 13:								
28		2007 14:						•		
29		2007 14:								
30	09/13/	2007 14:	32 0.7	7 2.0	2.6					

DUST4-091307.txt

```
DATE
9-13-07
TIME ug/m^3
7:05 12.7
7:20 16.3
7:35 19.8
7:50 19.5
8:05 23.6
8:20 24.8
8:35 31.5
8:50 43.9
9:05 28.9
9:20 18.2
9:35 12.7
9:50 11.3
10:05 11.3
10:20 11.1
10:35 18.8
10:50 21.0
11:05 16.4
11:20 16.8
11:35 13.1
11:50 281.6
12:05 72.3
12:20 6.6
12:35 5.6
12:50 4.3
13:05 3.7
13:20 3.5
13:35 4.3
13:50 5.5
14:05 5.1
14:20 5.5
14:35 6.1
```