

CONSTRUCTION COMPLETION REPORT
IRM-4 FORMER EXPLOSIVES BUNKER
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, STEUBEN COUNTY, NEW YORK

by Haley & Aldrich of New York
Rochester, New York

for New York State Department of Environmental Conservation
Avon, New York

File No. 34201-313
6 April 2016





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6 April 2016
File No. 34201-313

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Attention: Mr. Greg MacLean

Subject: Construction Completion Report
IRM-4 Former Explosives Bunker
Philips Lighting Company Bath Facility
7256 State Route 54
Bath, New York
BCP Site #C851044

Dear Mr. MacLean:

On behalf of Philips Electronics North America Corporation (PENAC), Haley & Aldrich of New York (Haley & Aldrich) has prepared the enclosed Construction Completion Report (CCR) for Interim Remedial Measure No. 4 (IRM-4) Former Explosives Bunker at the Philips Lighting Company facility located in Bath, New York (Site). The CCR documents the removal and off-site disposal of construction & demolition (C&D) debris associated with the concrete bunker as well as soils that were removed from beneath the former bunker at IRM-4. The construction activities were performed in accordance with the NYSDEC-approved IRM-4 Work Plan. This document is being submitted in accordance with the Brownfield Cleanup Agreement (BCA) for Site #C851044 between the New York State Department of Environmental Conservation (NYSDEC) and PENAC, and provides information on interim remedial measures completed at IRM-4.

6 April 2016

Page 2

If you have any questions or comments regarding this document, please do not hesitate to contact us.

Sincerely yours,

HALEY & ALDRICH OF NEW YORK



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Vice President



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Technical Specialist

Enclosures

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NYSDEC: J. Mahoney
NYSDOH: J. Deming, K. Anders

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Table of Contents

	Page
List of Tables	ii
List of Figures	ii
1. Introduction	1
1.1 BACKGROUND	1
1.2 PURPOSE	1
2. IRM Activities	2
2.1 MOBILIZATION AND SITE PREP	2
2.2 IRM-4 REMOVAL ACTIVITIES	3
2.3 COMMUNITY AIR MONITORING	3
2.4 DEMOBILIZATION	4
3. Post-Removal Soil Sampling	5
3.1 POST-REMOVAL SOIL SAMPLE RESULTS	5
3.1.1 Targeted Excavation	6
4. Backfill and Site Restoration	7
4.1 SAMPLING OF STOCKPILED MATERIAL FOR REUSE	7
4.2 SAMPLING OF IMPORTED MATERIAL	7
4.3 REGRADING AND PLACEMENT OF IMPORTED COVER MATERIAL	8
4.4 SITE RESTORATION	8
5. Disposal	9
6. Professional Engineer's Certification	11
References	12

Table of Contents

Page

Tables

Figures

Appendix A – Photo Log

Appendix B – Community Air Monitoring Data

Appendix C – Post-Removal Soil Sample Laboratory Reports

Appendix D – Reuse Material Sample Laboratory Report

Appendix E – Imported Material Sample Laboratory Reports

Appendix F – Waste Disposal Documentation – C&D Debris

Appendix G – Soils Stockpile Sample Laboratory Reports

Appendix H – Contained-In Policy Determination

Appendix I – Waste Disposal Documentation – Soils

Appendix J – Decontamination Water Sample Laboratory Report

Appendix K – Waste Disposal Documentation – Decontamination Water

List of Tables

Table No.	Title
I	Summary of IRM-4 Post-Removal Soil Sample Analytical Results
II	Summary of IRM-4 Reuse Soil Sample Analytical Results
III	Summary of Imported Topsoil & Bank Run Gravel Analytical Results
IV	Summary of IRM-4 Waste Management

List of Figures

Figure No.	Title
1	Project Locus
2	Site Plan with IRM-4 Area
3	IRM-4: Pre-Removal Conditions
4	IRM-4: Post-Removal Conditions and Sample Locations
5	IRM-4: Post-Targeted Excavation Conditions and Sample Locations
6	IRM-4: Post-Restoration Conditions

1. Introduction

Philips Electronics North America Corporation (PENAC) is currently completing Remedial Investigation (RI) activities at the Bath facility (see Figure 1) in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP)¹. The RI is being conducted to further evaluate the environmental conditions at the Site under the Brownfield Cleanup Program and pursuant to a Brownfield Cleanup Agreement entered into between the NYSDEC and PENAC dated April 2014. As part of the RIWP, six (6) areas at the Site were identified where material, equipment, and/or structures were present that limited or prevented the collection of environmental samples without removing the material/equipment/structures. As a result, these six (6) areas were targeted for interim remedial measures (IRMs), including IRM-4, which includes a former explosives bunker (see Figures 2 and 3).

1.1 BACKGROUND

Information developed from the review of historical documents related to the Westinghouse operation confirmed that photographic flashcube bulbs were produced at the Site in the early 1960s to mid-1970s. Material used in the construction of the flashbulbs included fine wire mesh comprised of either magnesium or zirconium and a percussion ignition mechanism. The structure, which reportedly housed these potentially ignitable materials, was historically referred to as the “explosives bunker”; the building was in poor condition; the concrete floor was cracked and buckled, and the concrete block walls of the structure were displaced and of poor integrity.

1.2 PURPOSE

This IRM was designed to remove the former explosives bunker structure to permit sampling of soils in this area of the site after the structure had been removed.

¹ A RIWP was prepared and submitted to the NYSDEC in May 2014. The NYSDEC approved the RIWP in a letter dated 9 December 2014. The RIWP included reference to completing IRMs in six areas, including IRM-4. Separate IRM Work Plans were developed and conditionally approved by the NYSDEC in a letter dated 6 November 2015.

2. IRM Activities

The work at IRM-4 was completed between 16 November 2015 and 13 January 2016 and included site preparation, demolition and off-site disposal of the structure, post-removal sampling, removal and off-site disposal of soils from beneath the structure, and site restoration. The work was completed in accordance to the NYSDEC-approved IRM-4 Work Plan that had been developed for the project. The significant milestones during the IRM-4 construction work included the following:

- 16 November 2015: Mobilization of equipment and personnel to the site;
- 17 November 2015: Commencement of site preparation activities (e.g. silt fence installation, construction of decontamination pad, survey of pre-construction conditions, etc.);
- 21 November 2015: Demolition of the concrete bunker;
- 23 and 24 November 2015: Off-site disposal of construction & demolition (C&D) debris;
- 24 November 2015: Collection of post-removal samples;
- 8 and 16 December 2015: Excavation of non-compliant soils based on post-removal sample results;
- 16 December 2015: Collection of final post-targeted excavation samples;
- 21 December 2015: Regrading of the IRM-4 area;
- 12 January 2016: Off-site disposal of stockpiled soils;
- 12 January 2016: Seeding and mulching; and
- 12 and 13 January 2016: Decontamination and demobilization of equipment.

The IRM-4 project team was comprised of various parties with the following roles and responsibilities:

- Haley & Aldrich Construction Services (HCS): Prime Remedial Contractor;
- Haley & Aldrich of New York (HANY): Professional Engineering Oversight;
- Dickson Trucking: Trucking Contractor;
- Hoffman Land Surveying & Geomatics (HLSG): Professional Surveyor; and
- Alpha Analytical (Alpha): ELAP-certified Analytical Laboratory.

The following sections provide a summary and additional detail of the construction activities completed at IRM-4. A photo log is included in Appendix A, which includes photographs of demolition activities, soil excavation activities, and restoration.

2.1 MOBILIZATION AND SITE PREP

Equipment, material, and labor were mobilized to the site on 16 and 17 November 2015.

Prior to implementing intrusive construction work at IRM-4, the following activities were conducted:

- **Decontamination Area Construction:** A decontamination pad was constructed, adjacent to the IRM-5 work area, using imported bank run gravel, poly sheeting, and plywood decking.
- **Location Control Survey:** HLSG surveyed the location of the concrete bunker structure and pre-construction elevations and established control points demarcating the approximate extent of the work area at IRM-4. Figure 3 shows the pre-construction topography at IRM-4. Subsequent surveys of the IRM-4 construction activities were completed following the demolition of the

structure and following excavation of non-compliant soils, and documenting post-removal sampling locations. Final grade restoration elevations were also surveyed and are described in the sections below.

- **Erosion and Sediment Control:** Wire-backed silt fence was installed around the boundary of the IRM-4 work area. In addition, the inlet structures of the stormwater system located in and adjacent to the site roadway were covered with filter fabric. During construction activities, a sweeper attachment for the John Deere 323E Skid Steer was used to reduce dust and debris and to maintain the condition of the site's paved roadways.

2.2 IRM-4 REMOVAL ACTIVITIES

General site access was restricted to authorized personnel via a chain link fence that surrounds the developed portion of the site perimeter, vehicular gates, and 24-hour on-site security presence. Access to the IRM-4 work area was limited to contractor, sub-contractor, and oversight personnel.

The IRM work was conducted by HCS with oversight by HANY personnel. Ground-intrusive activities were visually observed and materials removed from the excavations were screened with a photoionization detector (PID), including the soils removed from the roof of the cantilevered concrete roof and surrounding the bunker walls. Soils were also screened with a PID from areas beneath the base of the bunker when additional excavations were completed to achieve compliance with NYSDEC soil cleanup objectives. Unusual visual observations were not noted during the soil handling, and PID screening readings during the ground-intrusive activities did not exceed background levels.

On 21 November 2015, the soils adjacent to the bunker walls and covering a portion of the cantilever roof were excavated with a Hitachi 350 LC Excavator and stockpiled on plastic adjacent to the work area to be sampled for potential reuse at the site. The concrete bunker was then demolished with a Hitachi 210 Excavator equipped with a hydraulic hammer. The concrete block wall material and concrete slab were then sized to less than 3 feet for disposal as C&D debris per disposal facility sizing requirements. The C&D debris, including concrete, fencing, wooden doors, and metal flashing was temporarily staged in the footprint of the former bunker prior to being loaded for off-site disposal.

Figure 4 shows the extent and topography of the IRM-4 area following demolition and loadout of the C&D debris.

2.3 COMMUNITY AIR MONITORING

Community air monitoring was conducted in accordance with the New York State Department of Health (NYSDOH) Community Air Monitoring Plan (CAMP), included as an appendix to the NYSDEC-approved IRM Work Plan. The air monitoring data was digitally recorded via telemetry equipment during field activities. However, air monitoring was not performed during significant precipitation events or during times when construction work did not involve disturbance of soil material or was not ground-intrusive. During the IRM-4 work, air monitoring was completed between 21 November 2015 and 12 January 2016.

The air monitoring data is included as Appendix B. The dataset is inclusive of field activities associated with all of the IRMs (IRMs 2 through 6), and includes the air monitoring results from the start of ground-intrusive field activities on 18 November 2015 through the close of ground-intrusive activities on 12

January 2016. In accordance with the CAMP, the following action levels were used during ground-intrusive field activities:

- **Total Organic Vapors:** An exceedance of 5 parts per million (ppm) above background for the 15-minute average concentration of total organic vapors at the downwind perimeter of the work area. For the purposes of IRM-4 field activities, the air monitoring equipment was programmed to produce an alert if the 15-minute average concentration of total organic vapors at the downwind perimeter reached 5 ppm, regardless of the concentration of total organic vapors at the upwind perimeter.
- **Respirable Dust:** An exceedance of 100 micrograms per cubic meter (mcg/m^3) above background for the 15-minute average concentration of dust at the downwind perimeter of the work area.

As documented in Appendix B, the air monitoring completed during the entire IRM field work did not result in exceedances of action levels recorded during the construction activities at IRM-4. Appendix B also includes a summary of instrument issues encountered with the air monitoring equipment during the monitoring program and documents the steps taken to resolve the equipment issues.

2.4 DEMOBILIZATION

Demobilization of equipment and construction personnel was completed by 13 January 2015.

3. Post-Removal Soil Sampling

Post-removal soil sampling was completed in accordance with the field procedures for soil sampling described in Section 5 of the NYSDEC-approved RIWP, and in accordance with the IRM-4 Sampling & Analysis Plan included as Table I in the NYSDEC-approved IRM-4 Work Plan.

Following off-site disposal of the C&D debris, post-removal soil samples were collected from within the footprint of the former bunker at the approximate elevation of the bottom of the former bunker slab.

The post-removal sampling included the collection of two (2) surface (0-2 inches) and two (2) subsurface (12-24 inches). The post-removal surface and sub-surface sample locations were selected within the former bunker footprint to obtain representative samples of the area. Each of the two (2) locations included the collection of two (2) samples: a surface (0-2 inch) sample designated by the "SURF" suffix on the sample ID, and a sub-surface (12-24 inch) sample designated by the "SUBS" suffix on the sample ID. The locations, SB-IRM4-101 and SB-IRM4-102 (post-removal samples collected beneath the former bunker floor slab), are shown on Figure 4.

Samples, which were analyzed for VOCs, were collected by filling the laboratory-provided TerraCore kits (with dedicated plungers) with soil material collected in-situ from the appropriate depth intervals that is discharged into a dedicated pre-preserved 40-ml VOA vial. Samples for analysis of all other parameters were collected by placing soil material from the appropriate depth interval into a disposable sampling bag (using dedicated, disposable sampling trowels) to gather sufficient quantity of soil to create a representative sample of the depth interval for laboratory analysis. Once sufficient material had been collected in the disposable sampling bag to fill the required laboratory containers, the soil material was transferred from the sampling bag into laboratory-provided glassware.

The post-removal samples were submitted to Alpha Analytical for laboratory testing of the required analytical parameters. The two (2) surface samples were submitted for analysis of Target Compound List (TCL) volatile organic compounds (VOCs) via EPA Method 8260, Part 375-6.8(b) Metals via EPA Methods 6010/7471 (plus magnesium and zirconium), TCL semi-volatile organic compounds (SVOCs) via EPA Method 8270, Part 375-6.8(b) Pesticides via EPA Method 8081, and cyanide. The two (2) sub-surface samples were submitted for analysis of TCL VOCs via EPA Method 8260 and Part 375-6.8(b) Metals via EPA Methods 6010/7471 (plus magnesium and zirconium). In addition, one (1) of the sub-surface samples was also analyzed for additional parameters, per the sampling strategy in the RI Work Plan, including TCL SVOCs via EPA Method 8270, Part 375-6.8(b) Pesticides via EPA Method 8081, and cyanide. The analytical reports for the post-removal soil samples are included in Appendix C, and the results of the testing are summarized in Table I and discussed in the sections below.

3.1 POST-REMOVAL SOIL SAMPLE RESULTS

At sampling location SB-IRM4-101, the surface and sub-surface sample results contained acetone, SVOCs, and various metals. Although volatile organics, SVOCs, and metals were detected in these samples, none of the constituents were detected in the samples above the Part 375 Residential and/or Protection of Groundwater Soil Cleanup Objectives (SCOs).

However, the surface sample at location SB-IRM4-102, contained several SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and Chrysene at concentrations above Part

375 Residential SCOs. As a result, the area surrounding the sample location SB-IRM4-102 was scheduled for further excavation.

3.1.1 Targeted Excavation

As a result of the detections of SVOCs above NYSDEC SCOs at sample location SB-IRM4-102, the area surrounding the sample location was further excavated on 8 December 2015 to remove the surficial soils surrounding this sample location. Soil in an approximately 15 foot diameter surrounding sample location SB-IRM4-102 was excavated to a depth of approximately one (1) foot below the new grade. The soil removed during the excavation was temporarily staged on plastic pending sampling and offsite disposal.

After the soil had been excavated, additional post-removal soil samples were collected from the bottom of the area that had been excavated; three (3) additional post-removal samples were collected, including SB-IRM4-102-SURF-2 (in the same location as the original sample), SB-IRM4-103-SURF, and SB-IRM4-104-SURF. The samples were submitted for analysis of TCL SVOCs. Sample SB-IRM4-102-SURF-2 was also analyzed for TCL VOCs, Part 375 Metals (plus magnesium and zirconium), Part 375 Pesticides, and cyanide.

Sample results for SB-IRM4-102-SURF-2 and SB-IRM4-103-SURF contained detections of SVOCs above Part 375 Residential SCOs. Sample results for SB-IRM4-102-SURF-2 also contained mercury above the Part 375 Residential SCO. As a result of the detections above NYSDEC SCOs, the area was re-excavated on 16 December 2015 to remove additional soils surrounding the non-compliant sample locations. The excavation was advanced deeper, and approximately one (1) foot of additional soils was removed from the portion of the IRM-4 area within the same footprint as the initial soil excavation surrounding sample location SB-IRM4-102. The soil removed during the re-excavation was temporarily staged on plastic with the other soils previously removed from this area pending sampling and offsite disposal.

After the area had been re-excavated, an additional set of post-removal soil samples were collected from the bottom of the area that had been re-excavated; three (3) additional post-removal samples were collected, including SB-IRM4-102-SURF-3, SB-IRM4-103-SURF-2, and SB-IRM4-104-SURF-2 (collected at the same locations as the previous post-targeted excavation samples), as shown on Figure 5. The samples were submitted for analysis of TCL SVOCs, Part 375 Metals (plus magnesium and zirconium), and cyanide.

SVOCs were not detected above laboratory detection limits in the second set of post-excavation samples; however, the samples contained several metals, none of which were at concentrations that exceeded Part 375 Residential SCOs.

The analytical reports for the additional soil sampling are included in Appendix C and the results of the testing are summarized in Table I. The final extent of the soil excavation and the location of the post-removal samples collected from IRM-4 were surveyed on 18 December 2015 and are shown on Figure 5.

4. Backfill and Site Restoration

4.1 SAMPLING OF STOCKPILED MATERIAL FOR REUSE

As described in Section 2.2, the soils excavated to expose the concrete bunker walls and which covered a portion of the bunker's cantilever roof prior to demolishing the building were staged on plastic and sampled to determine if the material could be reused or would require offsite disposal.

The staged soil material was sampled in accordance with NYSDEC policies and guidance, and as required by DER-10 Table 5.4(e)10, "Recommended Number of Soil Samples for Soil Imported To or Exported From a Site", to determine the number of soil samples to be collected to assess if the material was of sufficient quality for use as backfill or would need to be disposed of offsite. Consistent with the required frequency for sampling of up to 50 cubic yards of material (DER-10 Table 5.4(e)10), one (1) discrete sample was collected and submitted for analysis of TCL VOCs via EPA Method 8260, and one (1) composite sample was collected and submitted for analysis TCL SVOCs via EPA Method 8270, Part 375 Metals via EPA Methods 6010/7471, PCBs via EPA Method 8082, and Part 375 Pesticides via EPA Method 8081.

The analytical report for the discrete and composite samples collected from the staged soils is included in Appendix D, and the results of the stockpiled material sampling are summarized in Table II. The sampling results from the staged soils were compared to the Residential Use criteria in DER-10 Appendix 5, "Allowable Constituent Levels for Imported Fill or Soil". As summarized on Table II, the results of the sampling of the staged soil that was removed from the area surrounding the concrete bunker were below DER-10 allowable levels, and the quality of the stockpiled soils was considered appropriate and acceptable for use in site restoration activities.

4.2 SAMPLING OF IMPORTED MATERIAL

In accordance with NYSDEC policies and guidance, and as required by DER-10 Table 5.4(e)10, "Recommended Number of Soil Samples for Soil Imported To or Exported From a Site," the number of samples to be collected to demonstrate the quality of bank run gravel and topsoil that was imported to the Site for use in backfilling and site restoration activities were calculated.

Samples of the imported bank run gravel and topsoil were collected from material at the source facility on 23 November 2015. Samples were collected of each material for laboratory analysis based on the estimated quantities of bank run gravel and topsoil that would be required to complete backfilling and restoration of all of the IRM areas (IRMs 2 through 6) being addressed during this phase of site work. A total of 591 tons (approximately 400 cubic yards) of bank run gravel and 823 tons (approximately 550 cubic yards) of topsoil were imported to the site for restoration activities and placement as cover material in the five (5) IRM areas (IRMs 2 through 6). Consistent with the required frequency of sampling from DER-10 Table 5.4(e)10, samples were collected from the imported materials per the following frequency:

- **Bank Run Gravel:** Per the DER-10 sampling frequency for import of up to 500 cubic yards, five (5) discrete samples were collected and submitted for analysis of TCL VOCs via EPA Method 8260. Two (2) composite samples were collected and submitted for analysis TCL SVOCs via EPA

Method 8270, Part 375-6.8(b) Metals via EPA Methods 6010/7471, PCBs via EPA Method 8082, and Part 375-6.8(b) Pesticides via EPA Method 8081.

- **Topsoil:** Per the DER-10 sampling frequency for import of up to 800 cubic yards, six (6) discrete samples were collected and submitted for analysis of TCL VOCs via EPA Method 8260. Two (2) composite samples were collected and submitted for analysis TCL SVOCs via EPA Method 8270, Part 375-6.8(b) Metals via EPA Methods 6010/7471, PCBs via EPA Method 8082, and Part 375-6.8(b) Pesticides via EPA Method 8081.

The analytical reports for the imported material samples are included in Appendix E, and the results of the imported material sampling are summarized in Table III. The data was compared to the Residential Use criteria in DER-10 Appendix 5, "Allowable Constituent Levels for Imported Fill or Soil". As summarized on Table III, the results of the sampling of the imported material were below DER-10 allowable levels and the quality of the topsoil and bank run gravel was considered appropriate and acceptable for use in site restoration activities.

4.3 REGRADING AND PLACEMENT OF IMPORTED COVER MATERIAL

On 21 December 2015, upon receipt of the post-targeted removal sampling results, the demonstrated clean stockpiled soils were placed in the IRM-4 excavation area. Then, the hillside adjacent to the excavation was graded, and a limited quantity of demonstrated clean imported bank run gravel was placed to raise the grade to match the approximate topography of the hillside. After the bank run gravel was graded, approximately four (4) inches of imported topsoil was placed atop the gravel and graded.

The final survey of the cover was performed on 12 January 2016. Figure 6 shows the final restoration topography (i.e. top of topsoil).

4.4 SITE RESTORATION

Following the placement and grading of the topsoil, the IRM-4 restoration area was seeded and mulched on 12 January 2016. Because seeding was completed in the winter season, the wire-backed silt fence was left in-place to prevent sediment erosion until the new seeded areas are established and the area restored. Additional site visits during the spring growing season will be completed to confirm that the restored area is sufficiently vegetated before the wire-backed silt fence is removed.

5. Disposal

Table IV includes a summary of the wastes generated during the IRM-4 activities, including dates of disposal, quantities of material transported offsite, and the location of the respective disposal facilities.

As discussed in the NYSDEC-approved IRM-4 Work Plan, confirmation that the building materials were acceptable as C&D debris was received from the disposal facility prior to field activities; this correspondence with the disposal facility was included as an appendix to the IRM-4 Work Plan. The materials were accepted for disposal at the Steuben County Landfill (NYSDEC Permit 8462400031000040), a permitted solid waste (Part 360) landfill equipped with a liner and leachate collection system.

The C&D debris was direct-loaded for off-site disposal on 23 and 24 November 2015. Weigh tickets provided by the disposal facility for the IRM-4 C&D debris are included in Appendix F.

Additional soils were generated during the excavation of non-compliant post-removal soil samples as discussed Section 3.1.1. The soils that were excavated were staged on plastic and sampled on 23 November 2015 to evaluate disposal alternatives. The sample collected from the stockpiled soils was submitted for analysis of Target Compound List (TCL) volatile organic compounds (VOCs) via EPA Method 8260, Part 375-6.8(b) Metals via EPA Methods 6010/7471, TCL semi-volatile organic compounds (SVOCs) via EPA Method 8270, Part 375-6.8(b) Pesticides via EPA Method 8081, PCBs via EPA Method 8082, reactivity, corrosivity, ignitability, and pH. The analytical reports for the samples of the stockpiled targeted soils are included in Appendix G.

As the result of the detection of trichloroethylene (TCE) in the stockpiled soil material at a concentration of 0.0013 milligrams per kilogram (mg/kg), Haley & Aldrich prepared and submitted a Contained-In Policy (CIP) determination request to the NYSDEC dated 21 December 2015. The NYSDEC reviewed the information provided and issued a CIP determination dated 7 January 2016, which indicated that the stockpiled material could be disposed at a permitted solid waste (Part 360) landfill. The CIP determination request and the NYSDEC's CIP determination are included in Appendix H. Following receipt of the Department's CIP determination approval, a waste profile was prepared for the stockpiled material, and the material was accepted for disposal at the Steuben County Landfill (NYSDEC Permit 8462400031000040).

The stockpiled soils were direct loaded for off-site disposal on 12 January 2016. Weigh tickets provided by the disposal facility for the transport of the excavated soil from IRM-4 are included in Appendix I.

Final equipment decontamination was completed on 12 January 2015 in the temporary decontamination pad with a steam cleaner to remove soils and debris from the excavation equipment. Water generated from the equipment cleaning activities was containerized in a 500-gallon tote, sampled to determine disposal requirements and then staged on-site pending waste profiling and disposal of the material. A representative sample of the water generated from the equipment cleaning activities was collected on 4 January 2016 and submitted for analysis of VOCs, TCL SVOCs, Part 375 Metals, PCBs, cyanide, pH, reactivity, corrosivity, and ignitability. The sample results are included in Appendix J, and as the laboratory reports demonstrate, the decontamination water did not contain elevated concentrations of site constituents or exhibit hazardous characteristics, indicating that the decontamination water could be managed and disposed of as non-hazardous waste.

Op-Tech Environmental Services of Rochester, New York (Op-Tech) was contracted by HCS to assist in management of the decontamination water. On 21 January 2016, Op-Tech mobilized to the site and transferred the water from the tote to six (6) 55-gallon drums for offsite transport. The containerized decontamination water was transported to American Ref-Fuel of Niagara in Niagara Falls, New York for final disposal. The non-hazardous waste manifest associated with the disposal of the decontamination water is included in Appendix K.

6. Professional Engineer's Certification

I, Dan Oman, P.E., certify that I am currently a New York State registered professional engineer, I had primary direct responsibility for the implementation of the subject construction program, and I certify that the Interim Remedial Measure Work Plan was implemented and that all construction activities were completed in substantial conformance with the DER-approved Interim Remedial Measure Work Plan.



Daniel E. Oman

Dan Oman, P.E.

Construction Engineering Manager

4/6/16

Date

References

1. Interim Remedial Measure Work Plan, IRM-4 Former Explosives Bunker, Philips Lighting Company Bath Facility, Bath, New York, Haley & Aldrich of New York, 1 September 2015.
2. New York State Department of Environmental Conservation, 6 NYCRR Part 375 Environmental Remediation Programs, Division of Environmental Remediation, December 2006.
3. New York State Department of Environmental Conservation, DER-10 Technical Guidance for Site Investigation and Remediation, Division of Environmental Remediation, May 2010.

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TABLES

TABLE I
SUMMARY OF IRM-4 POST-REMOVAL SOIL SAMPLE ANALYTICAL RESULTS
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, NY
BCP SITE #C851044

					SB-IRM4-101				SB-IRM4-102				SB-IRM4-103		SB-IRM4-104	
LOCATION	NYSDEC 6 NYCRR Part 375 - Restricted Use Soil Cleanup Objectives				SB-IRM4-101-SURF	SB-IRM4-101-SUBS			SB-IRM4-102-SURF	SB-IRM4-102-SUBS	SB-IRM4-102-SURF-2	SB-IRM4-102-SURF-3	SB-IRM4-103-SURF	SB-IRM4-103-SURF-2	SB-IRM4-104-SURF	SB-IRM4-104-SURF-2
SAMPLE DATE					11/24/2015	11/24/2015	11/24/2015		11/24/2015	11/24/2015	12/08/2015	12/16/2015	12/08/2015	12/16/2015	12/08/2015	12/16/2015
LAB SAMPLE ID					L1531069-01 L1531215-01	L1531069-02 L1531215-02	L1531069-04 L1531215-04		L1531069-03 L1531215-03	L1531069-05 L1531215-05	L1532336-01 L1532336-01 R1 L1532337-01	L1533372-01	L1532336-02	L1533372-02	L1532336-03	L1533372-03
SAMPLE TYPE	Residential	Restricted Residential	Restricted Industrial	Protection of Groundwater	N	N	FD (3179-112415-0001)		N	N	N	N	N	N	N	N
SAMPLE DEPTH (ft)					0 - 0.2 (ft)	1 - 2 (ft)	1 - 2 (ft)		0 - 0.2 (ft)	1 - 2 (ft)	0 - 0.2 (ft)	0 - 0.2 (ft)	0 - 0.2 (ft)	0 - 0.2 (ft)	0 - 0.2 (ft)	0 - 0.2 (ft)
					Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
VOCs (mg/kg)																
Acetone	100	100	1000	0.05	0.003	J	0.01		0.0042	J	0.021		-		-	
Trichloroethene	10	21	400	0.47	0.0011	U	0.00087	U	0.0009	U	0.00098	U	-		-	
SVOCs (mg/kg)																
2-Methylnaphthalene	0.41	NA	NA	36.4	0.24	U	0.23	U	0.23	U	0.23	U	-		0.23	U
Acenaphthene	100	100	1000	98	0.17		0.16	J	0.06	J	0.31		-		0.15	U
Acenaphthylene	100	100	1000	107	0.16	U	0.15	U	0.15	U	0.15	U	-		0.15	U
Anthracene	100	100	1000	1000	0.4		0.33	J	0.12	J	1.2		-		0.12	U
Benzo(a)anthracene	1	1	11	1	0.68		0.63	J	0.21	J	2.2		-		0.12	U
Benzo(a)pyrene	1	1	1.1	22	0.57		0.52	J	0.2	J	1.7		-		0.15	U
Benzo(b)fluoranthene	1	1	11	1.7	0.71		0.63	J	0.24	J	2		-		0.12	U
Benzo(g,h,i)perylene	100	100	1000	1000	0.39		0.35	J	0.11	J	1		-		0.15	U
Benzo(k)fluoranthene	1	3.9	110	1.7	0.27		0.22	J	0.084	J	0.92		-		0.12	U
Biphenyl	NA	NA	NA	NA	0.45	U	0.44	U	0.44	U	0.44	U	-		0.44	U
Carbazole	NA	NA	NA	NA	0.21		0.17	J	0.059	J	0.14	J	-		0.19	U
Chrysene	1	3.9	110	1	0.57		0.51	J	0.17	J	1.8		-		0.12	U
Dibenz(a,h)anthracene	0.33	0.33	1.1	1000	0.11	J	0.1	J	0.057	J	0.27		-		0.12	U
Dibenzofuran	14	59	1000	6.2	0.1	J	0.11	J	0.19	UJ	0.11	J	-		0.2	U
Fluoranthene	100	100	1000	1000	1.7		1.5	J	0.54	J	5.2		-		0.12	U
Fluorene	100	100	1000	386	0.18	J	0.17	J	0.064	J	0.35		-		0.2	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	11	8.2	0.46		0.42	J	0.2	J	1.1		-		0.16	U
Naphthalene	100	100	1000	12	0.08	J	0.064	J	0.19	UJ	0.19	U	-		0.2	U
Phenanthrene	100	100	1000	1000	1.3		1.1	J	0.37	J	2.2		-		0.12	U
Pyrene	100	100	1000	1000	1.3		1.1	J	0.41	J	4		-		0.12	U
Pesticides (mg/kg)	NA	NA	NA	NA	ND		ND		ND		ND		-		-	
Total Metals (mg/kg)																
Arsenic	16	16	16	16	9.2		5.7		8.4		7.9	J-	-		10	
Barium	350	400	10000	820	29		20		31		32	J-	-		25	
Beryllium	14	72	2700	47	0.44		0.28		0.41		0.38	J-	-		0.34	
Chromium, Hexavalent	22	110	800	19	0.96	U	0.94	U	0.94	U	0.94	UJ	-		0.94	U
Chromium, Trivalent	36	180	6800	NA	15		9.6		14		13		-		12	
Chromium, Total	NA	NA	NA	NA	15	J	9.6		14		13		-		12	
Copper	270	270	10000	1720	29	J	18		26		24	J-	-		20	
Cyanide	27	27	10000	40	1.1	U	1.1	U	1.1	U	1.2	U	-		1.1	U
Lead	400	400	3900	450	6.4	J	3.7		4.8		4.8	J-	-		2.3	U
Magnesium	NA	NA	NA	NA	3600	J	2300		3400		3000		-		2500	
Manganese	2000	2000	10000	2000	420		270		340		390		-		340	
Mercury	0.81	0.81	5.7	0.73	0.03	J	0.09	J	0.03	J	0.06	J	-		0.3	
Nickel	140	310	10000	130	23	J	15		21		20	J-	-		18	
Selenium	36	180	6800	4	0.2	J	0.25	J	0.14	J	0.91	U	-		0.24	J
Zinc	2200	10000	10000	2480	77	J	47		71		63	J-	-		50	
Zirconium	NA	NA	NA	NA	9.54		6.57		8		8.12		-		5.52	J
General Chemistry																
Total Solids (%)	NA	NA	NA	NA	83.6		84.9		85.3		84.6		83.6		85.2	

- NOTES & ABBRIVIATIONS:
1. Only detected compounds are displayed. Bold values indicate detections above method detection limits.
2. Qualifiers defined as follows:
 U: Not detected above indicated detection limit.
 J: Estimated
 J-: Estimated, biased low
3. NA: Not applicable
4. ND: Not detected above method detection limits
5. -: Not analyzed
6. Values in red indicate detections above Residential criteria
7. Samples shaded in grey indicate samples that represent soil removed off-site.

TABLE II
SUMMARY OF IRM-4 REUSE SOIL SAMPLE ANALYTICAL RESULTS
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, NY
BCP SITE #C851044

LOCATION	NYSDEC DER-10		IRM-4-COMPOSITE		IRM-4-DISCRETE	
SAMPLE DATE	Appendix 5 - Allowable Constituent		11/23/2015		11/23/2015	
LAB SAMPLE ID	Levels for Imported Fill or Soil		L1530884-01		L1530884-02	
SAMPLE TYPE	Residential	Restricted Residential	N		N	
SAMPLE DEPTH (ft)			-		-	
			Result	Qual	Result	Qual
VOCs (mg/kg)						
Acetone	0.05	0.05	-		0.007	J
Trichloroethene	0.47	0.47	-		0.0023	
SVOCs (mg/kg)						
Anthracene	100	100	0.048	J	-	
Benzaldehyde	NA	NA	0.086	J	-	
Benzo(a)anthracene	1	1	0.12		-	
Benzo(a)pyrene	1	1	0.12	J	-	
Benzo(b)fluoranthene	1	1	0.15		-	
Benzo(g,h,i)perylene	100	100	0.076	J	-	
Benzo(k)fluoranthene	1	1.7	0.061	J	-	
Chrysene	1	1	0.12		-	
Fluoranthene	100	100	0.3		-	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.081	J	-	
Phenanthrene	100	100	0.19		-	
Pyrene	100	100	0.26		-	
Pesticides (mg/kg)	NA	NA	ND		-	
PCBs (mg/kg)	1	1	ND		-	
Total Metals (mg/kg)						
Arsenic	16	16	7.7		-	
Barium	350	400	42		-	
Beryllium	14	47	0.33		-	
Chromium, Trivalent	36	180	10		-	
Chromium, Total	NA	NA	10		-	
Copper	270	270	26		-	
Lead	400	400	4.7		-	
Manganese	2000	2000	490		-	
Mercury	0.73	0.73	0.04	J	-	
Nickel	130	130	19		-	
Zinc	2200	2480	74		-	
General Chemistry						
Total Solids (%)	NA	NA	86.7		83.4	

NOTES & ABBRIVIATIONS

- Only detected compounds are displayed. Bold values indicate detections above method detection limits.
- Qualifiers defined as follows:
 - U: Not detected above indicated detection limit.
 - J: Estimated
- NA: Not applicable
- ND: Not detected above method detection limits
- : Not analyzed

TABLE III
SUMMARY OF IMPORTED TOPSOIL & BANK RUN GRAVEL ANALYTICAL RESULTS
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, NY
BCP SITE #C851044

			TOPSOIL															
LOCATION	NYSDEC DER-10		IRM-TS-COMPOSITE-01	IRM-TS-COMPOSITE-02	IRM-TS-DISCRETE-01	IRM-TS-DISCRETE-02	IRM-TS-DISCRETE-03	IRM-TS-DISCRETE-04	IRM-TS-DISCRETE-05	IRM-TS-DISCRETE-06								
SAMPLING DATE	Appendix 5 - Allowable Constituent Levels for Imported Fill or Soil		11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015								
LAB SAMPLE ID			L1530886-07	L1530886-08	L1530886-01	L1530886-02	L1530886-03	L1530886-04	L1530886-05	L1530886-06								
SAMPLE TYPE			N	N	N	N	N	N	N	N								
SAMPLE DEPTH (ft.)	Residential Use	Restricted Residential Use	-	-	-	-	-	-	-	-								
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual				
VOCs (mg/kg)																		
Acetone	0.05	0.05	-		-		0.0056	J	0.015		0.006	J	0.02		0.0064	J	0.0048	J
SVOCs (mg/kg)	NA	NA	ND		ND													
Pesticides (mg/kg)	NA	NA	ND		ND		-		-		-		-		-		-	
PCBs (mg/kg)	1	1	ND		ND		-		-		-		-		-		-	
Total Metals																		
Arsenic	16	16	6		9.7		-		-		-		-		-		-	
Barium	350	400	57		57		-		-		-		-		-		-	
Beryllium	14	47	0.21	J	0.18	J	-		-		-		-		-		-	
Chromium, Trivalent	36	180	9		14		-		-		-		-		-		-	
Chromium, Total	NA	NA	9		14		-		-		-		-		-		-	
Copper	270	270	68		83		-		-		-		-		-		-	
Lead	400	400	4.4		4.1		-		-		-		-		-		-	
Manganese	2000	2000	510		420		-		-		-		-		-		-	
Mercury	0.73	0.73	0.05	J	0.04	J	-		-		-		-		-		-	
Nickel	130	130	13		12		-		-		-		-		-		-	
Selenium	4	4	0.24	J	0.24	J	-		-		-		-		-		-	
Zinc	2200	2480	75		75		-		-		-		-		-		-	
General Chemistry																		
Solids, Total	NA	NA	74.9		76.9		71.6		76.4		73.8		74.1		75.3		72	

NOTES & ABBRIVIATIONS

- Only detected compounds are displayed. Bold values indicate detections above method detection limits.
- Qualifiers defined as follows:
U: Not detected above indicated detection limit.
J: Estimated
- NA: Not applicable
- ND: Not detected above method detection limits
- : Not analyzed

TABLE III
SUMMARY OF IMPORTED TOPSOIL & BANK RUN GRAVEL ANALYTICAL RESULTS
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, NY
BCP SITE #C851044

			BANK RUN											
LOCATION	NYSDEC DER-10		IRM-BR-COMPOSITE-01	IRM-BR-COMPOSITE-02	IRM-BR-DISCRETE-01	IRM-BR-DISCRETE-02	IRM-BR-DISCRETE-03	IRM-BR-DISCRETE-04	IRM-BR-DISCRETE-05					
SAMPLING DATE	Appendix 5 - Allowable Constituent		11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015	11/23/2015					
LAB SAMPLE ID	Levels for Imported Fill or Soil		L1530885-06	L1530885-07	L1530885-01	L1530885-02	L1530885-03	L1530885-04	L1530885-05					
SAMPLE TYPE	Residential Use	Restricted Residential Use	N	N	N	N	N	N	N					
SAMPLE DEPTH (ft.)			-	-	-	-	-	-	-	-				
			Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
VOCs (mg/kg)														
Acetone	0.05	0.05	-		-		0.0094	U	0.0084		0.0058	J	0.018	
SVOCs (mg/kg)	NA	NA	ND		ND									
Pesticides (mg/kg)	NA	NA	ND		ND		-		-		-		-	
PCBs (mg/kg)	1	1	ND		ND		-		-		-		-	
Total Metals														
Arsenic	16	16	5.6		5.3		-		-		-		-	
Barium	350	400	28		23		-		-		-		-	
Beryllium	14	47	0.2	J	0.18	J	-		-		-		-	
Chromium, Trivalent	36	180	6.8		6.2		-		-		-		-	
Chromium, Total	NA	NA	6.8		6.2		-		-		-		-	
Copper	270	270	21		18		-		-		-		-	
Lead	400	400	2.4		2.2		-		-		-		-	
Manganese	2000	2000	310		300		-		-		-		-	
Mercury	0.73	0.73	0.07	U	0.02	J	-		-		-		-	
Nickel	130	130	11		11		-		-		-		-	
Selenium	4	4	0.83	U	0.14	J	-		-		-		-	
Zinc	2200	2480	54		49		-		-		-		-	
General Chemistry														
Solids, Total	NA	NA	95.4		95.6		96.6		94.1		94.5		95	

NOTES & ABBREVIATIONS

- Only detected compounds are displayed. Bold values indicate detections above method detection limits.
- Qualifiers defined as follows:
U: Not detected above indicated detection limit.
J: Estimated
- NA: Not applicable
- ND: Not detected above method detection limits
- : Not analyzed

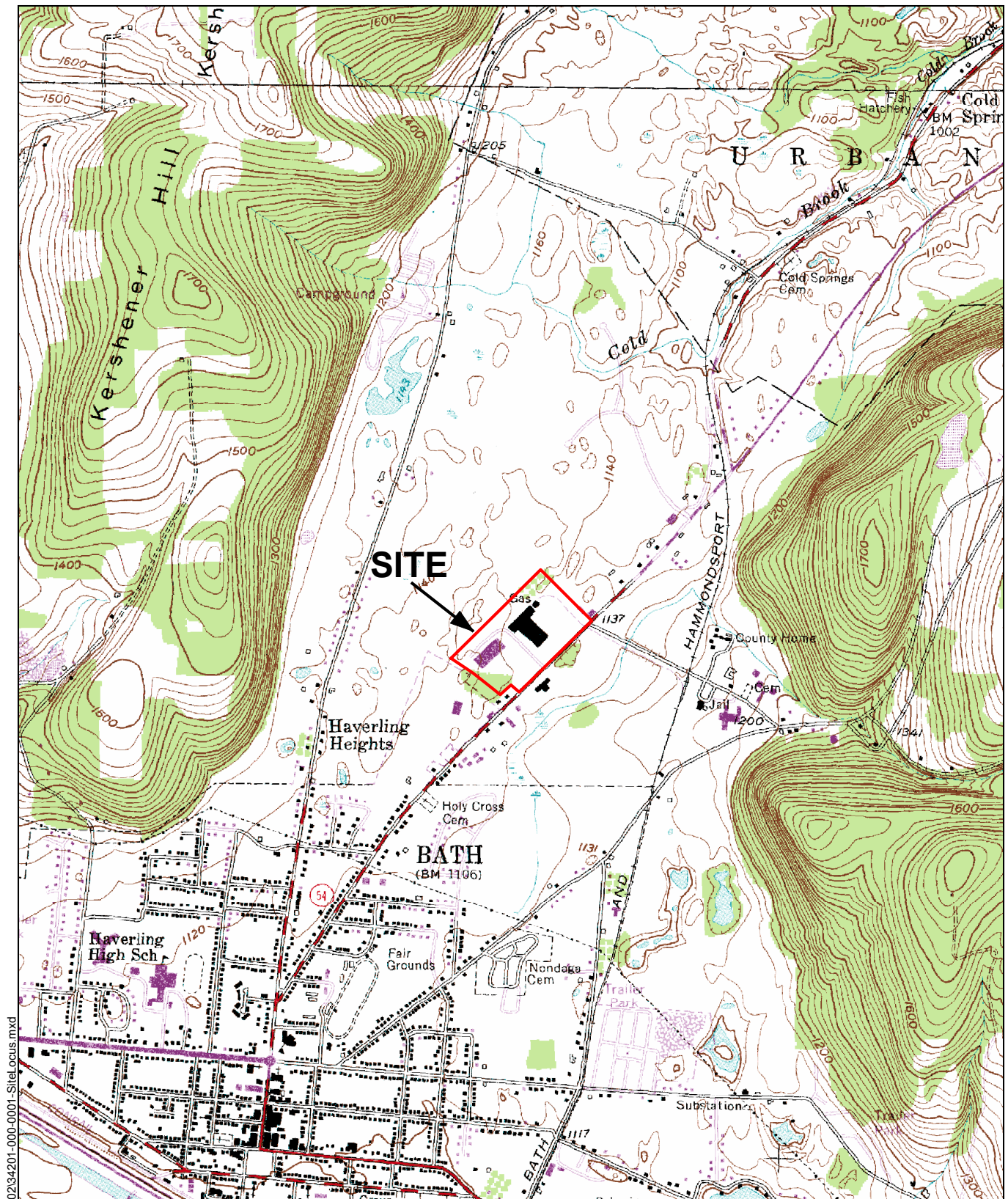
TABLE IV
SUMMARY OF IRM-4 WASTE MANAGEMENT
PHILIPS LIGHTING COMPANY BATH FACILITY
BATH, NEW YORK
BCP SITE #851044

Waste	Date	Volume	units	CIP Approval	BUD (Daily Cover)	Disposal Location	City, State	Facility Type
IRM-4 C&D Debris	11/23/2015 - 11/24/2015	55.41	tons	N/A	No	Steuben County Landfill	Bath, NY	Permitted
IRM-4 Soil	1/12/2015	18.25	tons	1/7/2016	Yes	Steuben County Landfill	Bath, NY	Permitted
IRM Water	1/21/2016	300	gal	N/A	N/A	American Ref-Fuel of Niagara	Niagara Falls, NY	Permitted

Notes & Abbreviations:

1. BUD: Beneficial Use Determination (BUD) was provided by the disposal facility indicating the facility's acceptance of the waste stream as daily cover.
2. CIP: Contained-In Policy (CIP) Determination Request was approved by the NYSDEC.

FIGURES

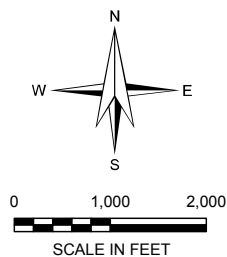


G:\34201\Global\GIS\Map Projects\2014-02\34201-000-0001-SiteLocus.mxd

SITE COORDINATES:
42°21'15.54"N, 77°18'20.41"W



U.S.G.S. QUADRANGLE:
BATH, NEW YORK



**HALEY
ALDRICH**

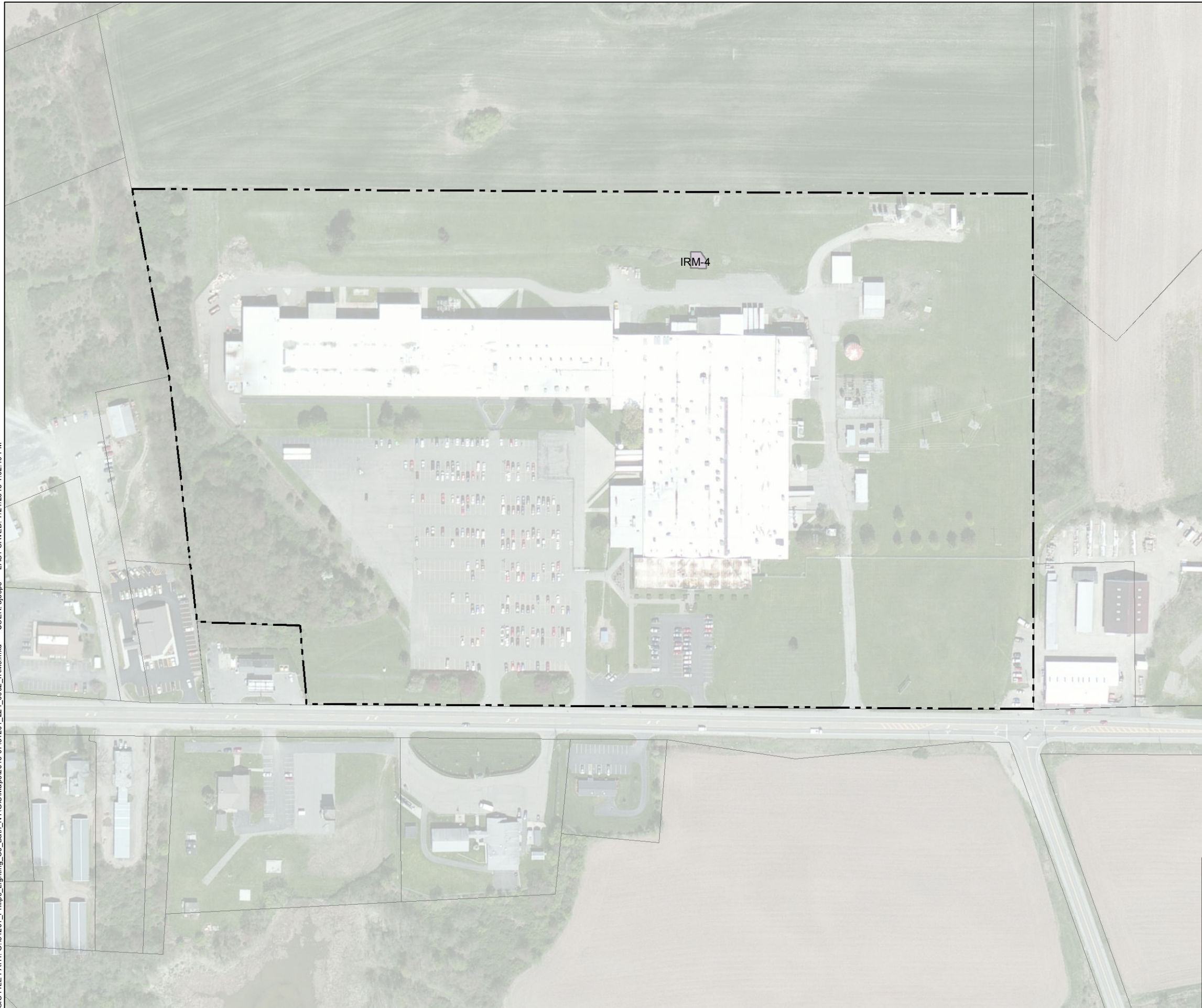
PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

SITE LOCUS

SCALE: AS SHOWN
MARCH 2016

FIGURE 1

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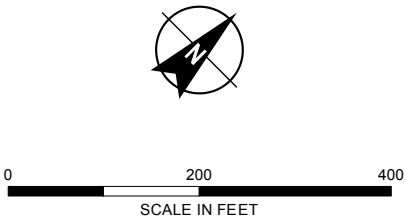
LEGEND

 IRM

 SITE BOUNDARY

 PARCEL BOUNDARY

- NOTES**
1. TAX PARCEL BOUNDARIES: STEUBEN COUNTY PLANNING DEPARTMENT, 2005
2. AERIAL IMAGERY: ESRI



**HALEY
ALDRICH**

PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

SITE PLAN WITH IRM-4 AREA

JULY 2015

FIGURE 2

GIS FILE PATH: G:\34201_Philips Lighting Co Bath_NY\GIS\Maps\2016-03\34201_000_0003_IRM_ZOOMS.mxd — USER: alcspc — LAST SAVED: 4/5/2016 1:27:51 PM



LEGEND

----- PRE-REMOVAL ELEVATION CONTOUR, IN FEET

 FORMER EXPLOSIVES BUNKER

- NOTES**
1. BASE PLAN SOURCE: HOFFMAN LAND SURVEYING & GEOMATICS
 2. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

SCALE IN FEET

STAMP:



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ALDRICH**

PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

IRM-4: PRE-REMOVAL CONDITIONS

APRIL 2016

FIGURE 3

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LEGEND

-  POST-REMOVAL SOIL SAMPLE LOCATION
-  POST-REMOVAL ELEVATION CONTOUR, IN FEET
-  EXTENT OF BUNKER REMOVAL WORK AREA

NOTES

1. BASE PLAN SOURCE: HOFFMAN LAND SURVEYING & GEOMATICS
2. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. SAMPLES SHOWN WERE COLLECTED BY HALEY & ALDRICH OF NEW YORK ON 24 NOVEMBER 2015.
4. SAMPLE LOCATIONS SHOWN IN GRAY REPRESENT POST-REMOVAL SOIL SAMPLE LOCATIONS SUBSEQUENTLY REMOVED DURING TARGETED EXCAVATION.



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PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

IRM-4: POST-REMOVAL CONDITIONS
AND SAMPLE LOCATIONS

APRIL 2016

FIGURE 4

GIS FILE PATH: G:\34201_Philips Lighting Co Bath_NY\GIS\Maps\2016-03\34201_000_0003_IRM_ZOOMS.mxd — USER: alcspc — LAST SAVED: 4/5/2016 1:27:51 PM



LEGEND

- POST-TARGETED EXCAVATION SOIL SAMPLE LOCATION, TITLES IN GRAY WERE SUBSEQUENTLY REMOVED DURING TARGETED EXCAVATION ON 16 DECEMBER 2016
- POST-TARGETED EXCAVATION ELEVATION CONTOUR, 1-FT INTERVAL
- EXTENT OF TARGETED EXCAVATION
- EXTENT OF BUNKER REMOVAL WORK AREA

NOTES

1. BASE PLAN SOURCE: HOFFMAN LAND SURVEYING & GEOMATICS
2. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. SAMPLES SHOWN WERE COLLECTED BY HALEY & ALDRICH OF NEW YORK ON 16 DECEMBER 2015.
4. SAMPLE LOCATIONS SHOWN IN GRAY WERE COLLECTED BY HALEY & ALDRICH OF NEW YORK ON 8 DECEMBER 2015 AND REPRESENT POST-REMOVAL SOIL SAMPLE LOCATIONS SUBSEQUENTLY REMOVED



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**HALEY
ALDRICH**

PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

IRM-4: POST-TARGETED
EXCAVATION CONDITIONS AND
SAMPLE LOCATIONS

APRIL 2016

FIGURE 5

GIS FILE PATH: G:\34201_Philips_Lighting_Co_Bath_NY\GIS\Maps\2016-03\34201_000_0003_IRM_ZOOMS.mxd — USER: alospe — LAST SAVED: 4/5/2016 1:27:51 PM



LEGEND

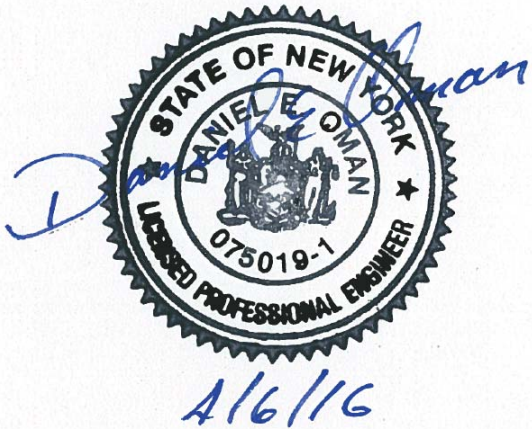
- POST-RESTORATION ELEVATION CONTOUR, 1-FT INTERVAL
- EXTENT OF PLACEMENT OF BACKFILL AND GRADING

NOTES

1. BASE PLAN SOURCE: HOFFMAN LAND SURVEYING & GEOMATICS
2. ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



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**HALEY
ALDRICH**

PHILIPS LIGHTING COMPANY
BATH FACILITY
7265 STATE ROUTE 54
BATH, NEW YORK

IRM-4: POST-RESTORATION
CONDITIONS

APRIL 2016

FIGURE 6

APPENDIX A

Photo Log



Photograph 1. IRM-4 area prior to construction activities.



Photograph 2. Unearthing of bunker walls and roof.



Photograph 3. Stockpile of demolished bunker material.



Photograph 4. Post-removal sample locations at bottom of former bunker slab.



Photograph 5. First targeted excavation at sample location SB-IRM4-102.



Photograph 6. First targeted excavation at sample location SB-IRM4-102.



Photograph 7. Placement of import topsoil after regrading of IRM-4 area.



Photograph 8. Seeding and mulching completed at IRM-4.

APPENDIX B

Community Air Monitoring Data

Date	Issue	Resolution
12/7/2015	Upwind CAMP PID was not connected to telemetry data recording device.	Downwind No. 1 CAMP PID readings did not exceed background levels.
11/18/2015	Downwind No. 1 CAMP PID reported erroneous readings of 5 ppm.	Handheld PID readings were collected at Downwind No. 1 location; readings were 0.0 ppm. Downwind No. 1 CAMP PID was re-calibrated and subsequently operated normally.

Notes:

1. PID = photoionization detector
2. ppm = parts per million

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 15:24	0.1395	0.0116	
1/12/2016 15:23	0.1391	0.0119	
1/12/2016 15:22	0.1419	0.0123	
1/12/2016 15:21	0.1429	0.0125	
1/12/2016 15:20	0.1442	0.0128	
1/12/2016 15:19	0.1463	0.0129	
1/12/2016 15:18	0.149	0.0127	
1/12/2016 15:17	0.1515	0.0129	
1/12/2016 15:16	0.1533	0.0131	
1/12/2016 15:15	0.1551	0.0133	
1/12/2016 15:14	0.1564	0.0131	
1/12/2016 15:13	0.1578	0.0131	
1/12/2016 15:12	0.1593	0.0132	
1/12/2016 15:11	0.1607	0.0132	
1/12/2016 15:10	0.162	0.0133	
1/12/2016 15:09	0.1633	0.0133	
1/12/2016 15:08	0.1639	0.0133	
1/12/2016 15:07	0.1629	0.0133	
1/12/2016 15:06	0.1633	0.0133	
1/12/2016 15:05	0.1633	0.0134	
1/12/2016 15:04	0.1621	0.0133	
1/12/2016 15:03	0.1613	0.0133	
1/12/2016 15:02	0.1621	0.0133	
1/12/2016 15:01	0.1612	0.0133	
1/12/2016 15:00	0.161	0.0134	
1/12/2016 14:59	0.1617	0.0135	
1/12/2016 14:58	0.1625	0.0135	
1/12/2016 14:57	0.163	0.0135	
1/12/2016 14:56	0.1632	0.0135	
1/12/2016 14:55	0.163	0.0135	
1/12/2016 14:54	0.1624	0.0135	
1/12/2016 14:53	0.1624	0.0136	
1/12/2016 14:52	0.1629	0.0136	
1/12/2016 14:51	0.1621	0.0136	
1/12/2016 14:50	0.1624	0.0136	
1/12/2016 14:49	0.1637	0.0137	
1/12/2016 14:48	0.1633	0.0138	
1/12/2016 14:47	0.1619	0.0139	
1/12/2016 14:46	0.1629	0.0139	
1/12/2016 14:45	0.1624	0.0139	
1/12/2016 14:44	0.1621	0.014	
1/12/2016 14:43	0.1612	0.0141	
1/12/2016 14:42	0.1613	0.0143	
1/12/2016 14:41	0.1616	0.0144	
1/12/2016 14:39	0.1625	0.0145	
1/12/2016 14:38	0.1628	0.0147	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 14:37	0.1625	0.0147	
1/12/2016 14:36	0.1635	0.0149	
1/12/2016 14:35	0.1637	0.015	
1/12/2016 14:34	0.1628	0.0151	
1/12/2016 14:33	0.1628	0.0152	
1/12/2016 14:32	0.1624	0.0154	
1/12/2016 14:31	0.1616	0.0196	
1/12/2016 14:30	0.162	0.0197	
1/12/2016 14:29	0.1608	0.0198	
1/12/2016 14:28	0.1602	0.0199	
1/12/2016 14:27	0.1599	0.02	
1/12/2016 14:26	0.1594	0.0201	
1/12/2016 14:25	0.1573	0.0202	
1/12/2016 14:24	0.1579	0.0204	
1/12/2016 14:23	0.1587	0.0229	
1/12/2016 14:22	0.1588	0.023	
1/12/2016 14:21	0.1574	0.0231	
1/12/2016 14:20	0.1573	0.0232	
1/12/2016 14:19	0.158	0.0233	
1/12/2016 14:18	0.1581	0.0235	
1/12/2016 14:17	0.1576	0.0235	
1/12/2016 14:16	0.1574	0.0195	
1/12/2016 14:15	0.1585	0.0196	
1/12/2016 14:14	0.1589	0.0197	
1/12/2016 14:13	0.1589	0.0197	
1/12/2016 14:12	0.1577	0.0198	
1/12/2016 14:11	0.1568	0.0199	
1/12/2016 14:10	0.1589	0.0199	
1/12/2016 14:09	0.159	0.0199	
1/12/2016 14:08	0.1571	0.0176	
1/12/2016 14:07	0.1566	0.0177	
1/12/2016 14:06	0.1589	0.0177	
1/12/2016 14:05	0.1604	0.0177	
1/12/2016 14:04	0.1597	0.0178	
1/12/2016 14:03	0.1605	0.0177	
1/12/2016 14:02	0.1605	0.0178	
1/12/2016 14:01	0.1619	0.0179	
1/12/2016 14:00	0.1619	0.0181	
1/12/2016 13:59	0.162	0.0181	
1/12/2016 13:58	0.1635	0.0183	
1/12/2016 13:57	0.1649	0.0183	
1/12/2016 13:56	0.1663	0.0184	
1/12/2016 13:55	0.1649	0.0185	
1/12/2016 13:54	0.1644	0.0185	
1/12/2016 13:53	0.165	0.0185	
1/12/2016 13:52	0.165	0.0186	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 13:51	0.1623	0.0187	
1/12/2016 13:50	0.1602	0.0187	
1/12/2016 13:49	0.1597	0.0187	
1/12/2016 13:48	0.1591	0.0188	
1/12/2016 13:47	0.1615	0.0189	
1/12/2016 13:46	0.1604	0.0189	
1/12/2016 13:45	0.1602	0.0189	
1/12/2016 13:44	0.1613	0.019	
1/12/2016 13:43	0.1606	0.0191	
1/12/2016 13:42	0.1591	0.0191	
1/12/2016 13:41	0.1584	0.0191	
1/12/2016 13:40	0.1574	0.0193	
1/12/2016 13:39	0.1575	0.0193	
1/12/2016 13:38	0.1575	0.0194	
1/12/2016 13:37	0.1587	0.0195	
1/12/2016 13:36	0.1607	0.0195	
1/12/2016 13:35	0.162	0.0196	
1/12/2016 13:34	0.1631	0.0197	
1/12/2016 13:33	0.1632	0.0198	
1/12/2016 13:32	0.1614	0.0199	
1/12/2016 13:31	0.1624	0.0199	
1/12/2016 13:30	0.1611	0.0199	
1/12/2016 13:29	0.162	0.0199	
1/12/2016 13:28	0.1624	0.0199	
1/12/2016 13:27	0.1645	0.0199	
1/12/2016 13:26	0.1645	0.02	
1/12/2016 13:25	0.1651	0.02	
1/12/2016 13:24	0.1668	0.02	
1/12/2016 13:23	0.1676	0.0201	
1/12/2016 13:22	0.1679	0.0202	
1/12/2016 13:21	0.1681	0.0202	
1/12/2016 13:20	0.1702	0.0203	
1/12/2016 13:19	0.1709	0.0205	
1/12/2016 13:17	0.1721		
1/12/2016 13:16	0.1714	0.0206	
1/12/2016 13:15	0.1724	0.0207	
1/12/2016 13:14	0.1734	0.0208	
1/12/2016 13:13	0.1737	0.0215	
1/12/2016 13:12	0.1732	0.0216	
1/12/2016 13:11	0.1746	0.0217	
1/12/2016 13:10	0.1747	0.0217	
1/12/2016 13:09	0.1737	0.0219	
1/12/2016 13:08	0.1727	0.0219	
1/12/2016 13:07	0.1716	0.0219	
1/12/2016 13:06	0.1704	0.0219	
1/12/2016 13:05	0.1687	0.022	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 13:04	0.1677	0.022	
1/12/2016 13:03	0.1655	0.0221	
1/12/2016 13:02	0.165	0.0221	
1/12/2016 13:01	0.1649	0.0222	
1/12/2016 13:00	0.1654	0.0223	
1/12/2016 12:59	0.1639	0.0223	
1/12/2016 12:58	0.1635	0.0217	
1/12/2016 12:57	0.1642	0.0217	
1/12/2016 12:56	0.1636	0.0218	
1/12/2016 12:55	0.1628	0.0219	
1/12/2016 12:54	0.1637	0.0219	
1/12/2016 12:53	0.1643	0.022	
1/12/2016 12:52	0.166	0.022	
1/12/2016 12:51	0.1679	0.0221	
1/12/2016 12:50	0.1674	0.0221	
1/12/2016 12:49	0.1667	0.0221	
1/12/2016 12:48	0.1662	0.0221	
1/12/2016 12:47	0.1659	0.0221	
1/12/2016 12:46	0.1667	0.0221	
1/12/2016 12:45	0.1679	0.0221	
1/12/2016 12:44	0.1672	0.0221	
1/12/2016 12:43	0.1663	0.0222	
1/12/2016 12:42	0.1669	0.0222	
1/12/2016 12:41	0.1656	0.0222	
1/12/2016 12:40	0.1679	0.0221	
1/12/2016 12:39	0.1661	0.0221	
1/12/2016 12:38	0.1661	0.0222	
1/12/2016 12:37	0.1638	0.0222	
1/12/2016 12:36	0.1609	0.0222	
1/12/2016 12:35	0.1607	0.0222	
1/12/2016 12:34	0.1617	0.0222	
1/12/2016 12:33	0.1655	0.0222	
1/12/2016 12:32	0.1662	0.0222	
1/12/2016 12:31	0.1658	0.0222	
1/12/2016 12:30	0.1639	0.0222	
1/12/2016 12:29	0.1637	0.0221	
1/12/2016 12:28	0.1642	0.0221	
1/12/2016 12:27	0.1613	0.0221	
1/12/2016 12:26	0.1639	0.0221	
1/12/2016 12:25	0.161		
1/12/2016 12:24	0.1619	0.0221	
1/12/2016 12:23	0.1652	0.022	
1/12/2016 12:22	0.1653	0.022	
1/12/2016 12:21	0.1677	0.022	
1/12/2016 12:20	0.1687	0.022	
1/12/2016 12:19	0.1693	0.022	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 12:18	0.1671	0.022	
1/12/2016 12:17	0.1675	0.022	
1/12/2016 12:16	0.1689	0.0221	
1/12/2016 12:15	0.1694	0.0221	
1/12/2016 12:14	0.1703	0.0221	
1/12/2016 12:13	0.1699	0.0221	
1/12/2016 12:12	0.1703	0.0221	
1/12/2016 12:11	0.1673	0.0221	
1/12/2016 12:10	0.1683	0.0221	
1/12/2016 12:09	0.1719	0.0221	
1/12/2016 12:08	0.1695	0.0221	
1/12/2016 12:07	0.1713	0.0221	
1/12/2016 12:06	0.1689	0.022	
1/12/2016 12:05	0.1675	0.0219	
1/12/2016 12:04	0.1659	0.0219	
1/12/2016 12:03	0.1681	0.0219	
1/12/2016 12:02	0.1703	0.0219	
1/12/2016 12:01	0.1691	0.0218	
1/12/2016 12:00	0.17	0.0218	
1/12/2016 11:59	0.1695	0.0217	
1/12/2016 11:58	0.1711	0.0217	
1/12/2016 11:57	0.1749	0.0217	
1/12/2016 11:56	0.1773	0.0217	
1/12/2016 11:55	0.181	0.0217	
1/12/2016 11:54	0.1819	0.0217	
1/12/2016 11:53	0.1821	0.0216	
1/12/2016 11:52	0.1857	0.0217	
1/12/2016 11:51	0.1891	0.0217	
1/12/2016 11:50	0.1991	0.0217	
1/12/2016 11:49	0.2058	0.0217	
1/12/2016 11:48	0.2125	0.0217	
1/12/2016 11:47	0.2247	0.0215	
1/12/2016 11:46	0.2251	0.0215	
1/12/2016 11:45	0.228	0.0214	
1/12/2016 11:44	0.2324	0.0214	
1/12/2016 11:43	0.2372	0.0213	
1/12/2016 11:42	0.2466	0.0213	
1/12/2016 11:41	0.2468	0.0212	
1/12/2016 11:40	0.2479	0.0211	
1/12/2016 11:39	0.2398	0.0211	
1/12/2016 11:38	0.2333	0.021	
1/12/2016 11:37	0.2267	0.0209	
1/12/2016 11:36	0.2184	0.0208	
1/12/2016 11:35	0.2011	0.0208	
1/12/2016 11:34	0.1885	0.0208	
1/12/2016 11:33	0.1717	0.0209	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 11:32	0.1471	0.021	
1/12/2016 11:28	0.1317		
1/12/2016 11:27	0.1171	0.0209	
1/12/2016 11:26	0.1111	0.0209	
1/12/2016 11:25	0.1025	0.0209	
1/12/2016 11:24	0.1	0.0209	
1/12/2016 11:23	0.0999	0.0209	
1/12/2016 11:22	0.0955	0.0209	
1/12/2016 11:21	0.0957	0.021	
1/12/2016 11:20	0.0958	0.021	
1/12/2016 11:19	0.0957	0.0209	
1/12/2016 11:18	0.0955	0.0207	
1/12/2016 11:17	0.0955	0.0207	
1/12/2016 11:16	0.0957	0.0207	
1/12/2016 11:15	0.0956	0.0206	
1/12/2016 11:14	0.0955	0.0205	
1/12/2016 11:13	0.0958	0.0205	
1/12/2016 11:12	0.0956	0.0205	
1/12/2016 11:11	0.0959	0.0205	
1/12/2016 11:10	0.0958	0.0205	
1/12/2016 11:07	0.0959		
1/12/2016 11:06	0.0958	0.0203	
1/12/2016 11:05	0.0957	0.0202	
1/12/2016 11:04	0.0961	0.0202	
1/12/2016 11:03	0.0962	0.0201	
1/12/2016 11:02	0.0962	0.0204	
1/12/2016 11:00		0.0216	
1/12/2016 10:59	0.0963	0.0216	
1/12/2016 10:58	0.0963	0.0221	
1/12/2016 10:57	0.0965	0.0222	
1/12/2016 10:56	0.0964	0.0222	
1/12/2016 10:55	0.0967	0.0223	
1/12/2016 10:54	0.0971	0.0223	
1/12/2016 10:53	0.0973	0.0223	
1/12/2016 10:52	0.0971	0.0223	
1/12/2016 10:51	0.0973	0.0223	
1/12/2016 10:50	0.0973	0.0227	
1/12/2016 10:49	0.0971	0.0235	
1/12/2016 10:48	0.0971	0.0236	
1/12/2016 10:47	0.0971	0.0235	
1/12/2016 10:46	0.0971	0.0222	
1/12/2016 10:45	0.0971	0.0222	
1/12/2016 10:44	0.0968	0.0223	
1/12/2016 10:43	0.0967	0.0219	
1/12/2016 10:42	0.0966	0.0218	
1/12/2016 10:41	0.0966	0.0217	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 10:40	0.0964	0.0217	
1/12/2016 10:39	0.0961	0.0217	
1/12/2016 10:38	0.0959	0.0217	
1/12/2016 10:37	0.0959	0.0218	
1/12/2016 10:36	0.0956	0.0219	
1/12/2016 10:35	0.0957	0.0216	
1/12/2016 10:34	0.0954	0.0209	
1/12/2016 10:33	0.0953	0.0209	
1/12/2016 10:32	0.0951	0.0209	
1/12/2016 10:31	0.0947	0.0209	
1/12/2016 10:30	0.0947	0.021	
1/12/2016 10:29	0.0947	0.0212	
1/12/2016 10:28	0.0946	0.0212	
1/12/2016 10:27	0.0945	0.0213	
1/12/2016 10:26	0.0942	0.0214	
1/12/2016 10:25	0.0937	0.0214	
1/12/2016 10:24	0.0933	0.0214	
1/12/2016 10:23	0.0928	0.0214	
1/12/2016 10:22	0.0924	0.0214	
1/12/2016 10:21	0.0921	0.0215	
1/12/2016 10:20	0.0916	0.0215	
1/12/2016 10:19	0.0912	0.0215	
1/12/2016 10:18	0.0908	0.0214	
1/12/2016 10:17	0.0912	0.0219	
1/12/2016 10:16	0.0911	0.0219	
1/12/2016 10:15	0.0905	0.0218	
1/12/2016 10:13		0.0215	
1/12/2016 10:12	0.0898	0.0215	
1/12/2016 10:11	0.0893	0.0215	
1/12/2016 10:10	0.089	0.0217	
1/12/2016 10:09	0.0885	0.0217	
1/12/2016 10:08	0.0886	0.0219	
1/12/2016 10:07	0.0881	0.0227	
1/12/2016 10:06	0.0877	0.0231	
1/12/2016 10:05	0.0874	0.0234	
1/12/2016 10:04	0.0871	0.0235	
1/12/2016 10:03	0.0869	0.0235	
1/12/2016 10:02	0.0859	0.0231	
1/12/2016 10:01	0.0852	0.0235	
1/12/2016 10:00	0.085	0.0235	
1/12/2016 9:59	0.0852	0.0235	
1/12/2016 9:58	0.0851	0.0235	
1/12/2016 9:57	0.0848	0.0235	
1/12/2016 9:56	0.0848	0.0235	
1/12/2016 9:55	0.0845	0.0242	
1/12/2016 9:54	0.0843	0.0244	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 9:53	0.0837	0.0242	
1/12/2016 9:52	0.0835	0.0234	
1/12/2016 9:51	0.0833	0.0229	
1/12/2016 9:50	0.0829	0.0226	
1/12/2016 9:49	0.0828	0.0226	
1/12/2016 9:48	0.0826	0.0226	
1/12/2016 9:47	0.0825	0.0227	
1/12/2016 9:46	0.0825	0.0224	
1/12/2016 9:45	0.0821	0.0224	
1/12/2016 9:44	0.0813	0.0224	
1/12/2016 9:43	0.0809	0.0224	
1/12/2016 9:42	0.0807	0.0223	
1/12/2016 9:41	0.0808	0.0223	
1/12/2016 9:40	0.0807		
1/12/2016 9:39	0.0807	0.0215	
1/12/2016 9:38	0.0814	0.0214	
1/12/2016 9:37	0.0812	0.0215	
1/12/2016 9:36	0.0811	0.0215	
1/12/2016 9:35	0.0809	0.0215	
1/12/2016 9:34	0.0807	0.0214	
1/12/2016 9:33	0.0801	0.0214	
1/12/2016 9:32	0.0797	0.0243	
1/12/2016 9:31	0.0793	0.0241	
1/12/2016 9:30	0.0793	0.0241	
1/12/2016 9:29	0.0791	0.0243	
1/12/2016 9:28	0.0788	0.0245	
1/12/2016 9:27	0.0785	0.0245	
1/12/2016 9:26	0.0777	0.0244	
1/12/2016 9:25	0.0774	0.0242	
1/12/2016 9:24	0.0768	0.0241	
1/12/2016 9:23	0.0752	0.024	
1/12/2016 9:22	0.0756	0.0239	
1/12/2016 9:21	0.0753	0.0238	
1/12/2016 9:20	0.0746	0.0238	
1/12/2016 9:19	0.0739	0.0238	
1/12/2016 9:18	0.0734	0.0238	
1/12/2016 9:17	0.0727	0.0204	
1/12/2016 9:16	0.0721	0.0204	
1/12/2016 9:14	0.0708		
1/12/2016 9:13	0.0703	0.0205	
1/12/2016 9:12	0.0695	0.0205	
1/12/2016 9:11	0.0689	0.0207	
1/12/2016 9:10	0.0682	0.021	
1/12/2016 9:09	0.0676	0.021	
1/12/2016 9:08	0.0671	0.021	
1/12/2016 9:07	0.0657	0.0209	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 9:06	0.0649	0.0209	
1/12/2016 9:05	0.0645	0.0209	
1/12/2016 9:04	0.0641	0.0207	
1/12/2016 9:03	0.0637	0.0206	
1/12/2016 9:02	0.0633	0.0206	
1/12/2016 9:01	0.0629	0.0206	
1/12/2016 9:00	0.0627	0.0205	
1/12/2016 8:59	0.0629	0.0206	
1/12/2016 8:58	0.0624	0.0206	
1/12/2016 8:57	0.0619	0.0205	
1/12/2016 8:56	0.0615	0.0203	
1/12/2016 8:55	0.061	0.02	
1/12/2016 8:54	0.0605	0.0199	
1/12/2016 8:53	0.0601	0.0199	
1/12/2016 8:52	0.0597	0.0199	
1/12/2016 8:51	0.0593	0.0199	
1/12/2016 8:50	0.0589	0.0197	
1/12/2016 8:49	0.0587	0.0198	
1/12/2016 8:48	0.0583	0.0197	
1/12/2016 8:47	0.0583	0.0196	
1/12/2016 8:46	0.0583	0.0195	
1/12/2016 8:45	0.0581	0.0194	
1/12/2016 8:44	0.0582	0.0191	
1/12/2016 8:43	0.0581	0.0191	
1/12/2016 8:42	0.0582	0.0191	
1/12/2016 8:41	0.0584	0.019	
1/12/2016 8:40	0.0585	0.019	
1/12/2016 8:39	0.0588	0.019	
1/12/2016 8:38	0.059	0.019	
1/12/2016 8:37	0.0595	0.019	
1/12/2016 8:36	0.0599	0.0189	
1/12/2016 8:35	0.0603	0.0189	
1/12/2016 8:34	0.0608	0.0187	
1/12/2016 8:33	0.062	0.0188	
1/12/2016 8:32	0.063	0.0187	
1/12/2016 8:31	0.065	0.019	
1/12/2016 8:30	0.069	0.019	
1/12/2016 8:29		0.02	
1/11/2016 17:12	0.0236	0.0133	
1/11/2016 17:11	0.0225	0.0134	
1/11/2016 17:10	0.0219	0.0135	
1/11/2016 17:09	0.0213	0.0133	
1/11/2016 17:08	0.0207	0.0133	
1/11/2016 17:07	0.0199	0.013	
1/11/2016 17:06	0.0193	0.0131	
1/11/2016 17:05	0.0187	0.0131	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 17:04	0.0175	0.0132	
1/11/2016 17:03	0.0165	0.0129	
1/11/2016 17:02	0.0158	0.0129	
1/11/2016 17:01	0.0152	0.0127	
1/11/2016 17:00	0.0145	0.0125	
1/11/2016 16:59	0.0141	0.0127	
1/11/2016 16:58	0.0134	0.0126	
1/11/2016 16:57	0.0127	0.012	
1/11/2016 16:56	0.0119	0.0119	
1/11/2016 16:55	0.0115	0.0119	
1/11/2016 16:54	0.0108	0.0119	
1/11/2016 16:53	0.0101	0.0117	
1/11/2016 16:52	0.0095	0.0116	
1/11/2016 16:51	0.0085	0.0111	
1/11/2016 16:50	0.0082	0.0109	
1/11/2016 16:49	0.008	0.011	
1/11/2016 16:48	0.0073	0.0111	
1/11/2016 16:47	0.0065	0.011	
1/11/2016 16:46	0.0056	0.0108	
1/11/2016 16:45	0.0048	0.0108	
1/11/2016 16:44	0.004	0.0105	
1/11/2016 16:43	0.0033	0.0104	
1/11/2016 16:42	0.0028	0.0105	
1/11/2016 16:41	0.0022	0.0107	
1/11/2016 16:40	0.0014	0.0107	
1/11/2016 16:39	0.0009	0.011	
1/11/2016 16:38	0.0005	0.0111	
1/11/2016 16:37	0.0003	0.0113	
1/11/2016 16:34	0.0001	0.011	
1/11/2016 16:33	0	0.011	
1/11/2016 16:32	0	0.0112	
1/11/2016 16:31	0	0.0113	
1/11/2016 16:30	0	0.0113	
1/11/2016 16:29	0	0.0115	
1/11/2016 16:28	0	0.0118	
1/11/2016 16:27	0	0.0123	
1/11/2016 16:26	0	0.0123	
1/11/2016 16:25	0	0.0123	
1/11/2016 16:24	0	0.0118	
1/11/2016 16:23	0	0.0117	
1/11/2016 16:22	0	0.0113	
1/11/2016 16:21	0	0.0113	
1/11/2016 16:20	0	0.0115	
1/11/2016 16:19	0	0.0114	
1/11/2016 16:18	0	0.0112	
1/11/2016 16:17	0	0.0111	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 16:16	0	0.011	
1/11/2016 16:15	0	0.011	
1/11/2016 16:14	0	0.0107	
1/11/2016 16:13	0	0.0106	
1/11/2016 16:12	0	0.01	
1/11/2016 16:11	0	0.0099	
1/11/2016 16:10	0	0.0096	
1/11/2016 16:09	0	0.0099	
1/11/2016 16:08	0	0.01	
1/11/2016 16:07	0	0.0101	
1/11/2016 16:06	0	0.0102	
1/11/2016 16:05	0	0.0099	
1/11/2016 16:04	0	0.01	
1/11/2016 16:03	0	0.0102	
1/11/2016 16:02	0	0.0102	
1/11/2016 16:01	0	0.0104	
1/11/2016 16:00	0	0.0106	
1/11/2016 15:59	0	0.0108	
1/11/2016 15:58	0	0.0108	
1/11/2016 15:57	0	0.011	
1/11/2016 15:56	0	0.0113	
1/11/2016 15:55	0	0.012	
1/11/2016 15:54	0	0.011	
1/11/2016 14:16	0.0474		
1/11/2016 14:15	0.0472	0.009	
1/11/2016 14:14	0.0472	0.009	
1/11/2016 14:13	0.0473	0.009	
1/11/2016 14:12	0.0471	0.0091	
1/11/2016 14:11			
1/11/2016 14:10	0.047	0.0091	
1/11/2016 14:09	0.047	0.0091	
1/11/2016 14:08	0.0468	0.0091	
1/11/2016 14:07	0.0468	0.0091	
1/11/2016 14:06	0.0468	0.0091	
1/11/2016 14:05	0.0467	0.0091	
1/11/2016 14:04	0.0465	0.0091	
1/11/2016 14:03	0.0466	0.0091	
1/11/2016 14:01		0.0091	
1/11/2016 14:00	0.0465	0.0091	
1/11/2016 13:59	0.0464	0.0091	
1/11/2016 13:58	0.0462	0.0091	
1/11/2016 13:57	0.0461	0.0091	
1/11/2016 13:56	0.0461	0.009	
1/11/2016 13:55	0.046	0.0089	
1/11/2016 13:54	0.0463	0.0089	
1/11/2016 13:53	0.0461	0.0089	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 13:52	0.0459	0.0089	
1/11/2016 13:51	0.0457	0.0089	
1/11/2016 13:50	0.0454	0.0089	
1/11/2016 13:49	0.0453	0.0089	
1/11/2016 13:48	0.0452	0.0089	
1/11/2016 13:47	0.0451	0.0089	
1/11/2016 13:46	0.0451	0.0089	
1/11/2016 13:45	0.045	0.0089	
1/11/2016 13:44	0.0447	0.0089	
1/11/2016 13:43	0.0447	0.0089	
1/11/2016 13:42	0.0447	0.0089	
1/11/2016 13:41	0.0445	0.0089	
1/11/2016 13:40	0.0443	0.009	
1/11/2016 13:39	0.0438	0.009	
1/11/2016 13:38	0.0439	0.0089	
1/11/2016 13:37	0.0441	0.0089	
1/11/2016 13:36	0.044	0.0089	
1/11/2016 13:35	0.044	0.0089	
1/11/2016 13:34	0.044	0.0089	
1/11/2016 13:33	0.0439	0.0089	
1/11/2016 13:32	0.0438	0.0089	
1/11/2016 13:31	0.0437	0.0088	
1/11/2016 13:30	0.0435	0.0088	
1/11/2016 13:29	0.0433	0.0088	
1/11/2016 13:28	0.0434	0.0087	
1/11/2016 13:27	0.0434	0.0087	
1/11/2016 13:26	0.0433	0.0087	
1/11/2016 13:25	0.0433	0.0087	
1/11/2016 13:24	0.043	0.0087	
1/11/2016 13:23	0.0428	0.0087	
1/11/2016 13:22	0.0425	0.0087	
1/11/2016 13:21	0.0424	0.0087	
1/11/2016 13:20	0.0422	0.0087	
1/11/2016 13:19	0.0419	0.0086	
1/11/2016 13:18	0.0419	0.0086	
1/11/2016 13:17	0.0417	0.0085	
1/11/2016 13:16	0.0414	0.0085	
1/11/2016 13:15	0.0411	0.0085	
1/11/2016 13:14	0.0412	0.0085	
1/11/2016 13:13	0.0407	0.0086	
1/11/2016 13:12	0.0404	0.0086	
1/11/2016 13:11	0.0403	0.0085	
1/11/2016 13:10	0.0402	0.0085	
1/11/2016 13:09	0.0402	0.0085	
1/11/2016 13:08	0.0399	0.0086	
1/11/2016 13:07	0.0397	0.0087	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 13:06	0.0399	0.0087	
1/11/2016 13:05	0.0401	0.0087	
1/11/2016 13:04	0.0403	0.0087	
1/11/2016 13:03	0.0401	0.0088	
1/11/2016 13:02	0.0402	0.0089	
1/11/2016 13:01	0.0405	0.0089	
1/11/2016 13:00	0.0409	0.0089	
1/11/2016 12:59	0.0408	0.0089	
1/11/2016 12:58	0.0411	0.0091	
1/11/2016 12:57	0.0414	0.0091	
1/11/2016 12:56	0.0416	0.0091	
1/11/2016 12:55	0.0417	0.0091	
1/11/2016 12:54	0.0418	0.0091	
1/11/2016 12:53	0.0421	0.0091	
1/11/2016 12:52	0.0419	0.0091	
1/11/2016 12:51	0.0416	0.0091	
1/11/2016 12:50	0.0413	0.0091	
1/11/2016 12:49	0.0411	0.0091	
1/11/2016 12:48	0.0409	0.0091	
1/11/2016 12:47	0.0408	0.0091	
1/11/2016 12:46	0.0405	0.0091	
1/11/2016 12:45	0.0402	0.0091	
1/11/2016 12:44	0.04	0.0091	
1/11/2016 12:43	0.0399	0.0089	
1/11/2016 12:42	0.0395	0.0089	
1/11/2016 12:41	0.0393	0.0089	
1/11/2016 12:40	0.039	0.0089	
1/11/2016 12:39	0.039	0.0089	
1/11/2016 12:38	0.0388	0.0089	
1/11/2016 12:37	0.0389	0.0089	
1/11/2016 12:36	0.0389	0.0089	
1/11/2016 12:35	0.0391	0.0089	
1/11/2016 12:34	0.0392	0.0089	
1/11/2016 12:33	0.0393	0.0089	
1/11/2016 12:32	0.0394	0.009	
1/11/2016 12:31	0.0393	0.009	
1/11/2016 12:30	0.0391	0.009	
1/11/2016 12:29	0.0392	0.009	
1/11/2016 12:28	0.0392	0.009	
1/11/2016 12:27	0.0394	0.009	
1/11/2016 12:26	0.0391	0.009	
1/11/2016 12:25	0.0393	0.009	
1/11/2016 12:24	0.0393	0.009	
1/11/2016 12:23	0.0392	0.009	
1/11/2016 12:22	0.0393	0.009	
1/11/2016 12:21	0.0393	0.009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 12:20	0.0392	0.009	
1/11/2016 12:19	0.0391	0.009	
1/11/2016 12:18	0.0391	0.009	
1/11/2016 12:17	0.039	0.009	
1/11/2016 12:16	0.0389	0.0089	
1/11/2016 12:15	0.0393	0.0089	
1/11/2016 12:14	0.0394	0.0089	
1/11/2016 12:13	0.0391	0.0089	
1/11/2016 12:12	0.0389	0.0089	
1/11/2016 12:11	0.0388	0.0089	
1/11/2016 12:10	0.0385	0.0089	
1/11/2016 12:09	0.0384	0.0089	
1/11/2016 12:08	0.0386	0.0089	
1/11/2016 12:07	0.0385	0.0089	
1/11/2016 12:06	0.0385	0.0089	
1/11/2016 12:05	0.0384	0.0089	
1/11/2016 12:04	0.0385	0.0089	
1/11/2016 12:03	0.0383	0.0089	
1/11/2016 12:02	0.0384	0.0089	
1/11/2016 12:01	0.0384	0.0089	
1/11/2016 12:00	0.0381	0.0089	
1/11/2016 11:59	0.0379	0.0089	
1/11/2016 11:58	0.0382	0.0089	
1/11/2016 11:57	0.0385	0.0088	
1/11/2016 11:56	0.0387	0.0088	
1/11/2016 11:55	0.0389	0.0088	
1/11/2016 11:54	0.039	0.0088	
1/11/2016 11:53	0.0388	0.0088	
1/11/2016 11:52	0.0389	0.0088	
1/11/2016 11:51	0.0387	0.0088	
1/11/2016 11:50	0.0388	0.0088	
1/11/2016 11:49	0.0386	0.0087	
1/11/2016 11:48	0.0387	0.0087	
1/11/2016 11:47	0.0386	0.0087	
1/11/2016 11:46	0.0389	0.0087	
1/11/2016 11:45	0.039	0.0087	
1/11/2016 11:44	0.0391	0.0087	
1/11/2016 11:43	0.0391	0.0087	
1/11/2016 11:42	0.0389	0.0087	
1/11/2016 11:41	0.0389	0.0087	
1/11/2016 11:40	0.0389	0.0087	
1/11/2016 11:39	0.0389	0.0087	
1/11/2016 11:38	0.0391	0.009	
1/11/2016 11:37	0.0388	0.009	
1/11/2016 11:36	0.0389	0.0091	
1/11/2016 11:35	0.0387	0.0091	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 11:34	0.0389	0.0091	
1/11/2016 11:33	0.0387	0.0092	
1/11/2016 11:32	0.0387	0.0093	
1/11/2016 11:31	0.0384	0.0093	
1/11/2016 11:30	0.0383	0.0093	
1/11/2016 11:29	0.0383	0.0093	
1/11/2016 11:28	0.0383	0.0093	
1/11/2016 11:27	0.0381	0.0093	
1/11/2016 11:26	0.0379	0.0093	
1/11/2016 11:25	0.0376	0.0093	
1/11/2016 11:24	0.0376	0.0093	
1/11/2016 11:23	0.0377	0.009	
1/11/2016 11:22	0.038	0.009	
1/11/2016 11:21	0.0381	0.0089	
1/11/2016 11:20	0.0383	0.0089	
1/11/2016 11:19	0.0383	0.0103	
1/11/2016 11:18	0.0384	0.0103	
1/11/2016 11:17	0.0385	0.0102	
1/11/2016 11:16	0.0386	0.0111	
1/11/2016 11:15	0.0386	0.0111	
1/11/2016 11:14	0.0387	0.0111	
1/11/2016 11:13	0.0386	0.0111	
1/11/2016 11:12	0.0389	0.0111	
1/11/2016 11:11	0.0391	0.0111	
1/11/2016 11:10	0.0393	0.0113	
1/11/2016 11:09	0.0391	0.0113	
1/11/2016 11:08	0.039	0.0113	
1/11/2016 11:07	0.0388	0.0113	
1/11/2016 11:06	0.0387	0.0113	
1/11/2016 11:05	0.0387	0.0112	
1/11/2016 11:04	0.0387	0.0098	
1/11/2016 11:03	0.0387	0.0098	
1/11/2016 11:02	0.0386	0.0099	
1/11/2016 11:01	0.0386	0.0091	
1/11/2016 11:00	0.0384	0.0091	
1/11/2016 10:59	0.0385	0.0092	
1/11/2016 10:58	0.0387	0.0092	
1/11/2016 10:57	0.0387	0.0091	
1/11/2016 10:56	0.0389	0.0091	
1/11/2016 10:55	0.0389	0.0089	
1/11/2016 10:54	0.0387	0.009	
1/11/2016 10:53	0.0388	0.0089	
1/11/2016 10:52	0.0388	0.0089	
1/11/2016 10:51	0.0386	0.0089	
1/11/2016 10:50	0.0383	0.009	
1/11/2016 10:49	0.038	0.009	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 10:48	0.0377	0.0089	
1/11/2016 10:47	0.0377	0.0089	
1/11/2016 10:46	0.0375	0.0087	
1/11/2016 10:45	0.0375	0.0087	
1/11/2016 10:44	0.0371	0.0086	
1/11/2016 10:43	0.0367	0.0087	
1/11/2016 10:42	0.0362	0.0087	
1/11/2016 10:41	0.0358	0.0087	
1/11/2016 10:40	0.0356	0.0086	
1/11/2016 10:39	0.0355	0.0085	
1/11/2016 10:38	0.0351	0.0086	
1/11/2016 10:37	0.0349	0.0085	
1/11/2016 10:36	0.0347	0.0085	
1/11/2016 10:35	0.0347	0.0085	
1/11/2016 10:34	0.0346	0.0085	
1/11/2016 10:33	0.0345	0.0085	
1/11/2016 10:32	0.0343	0.0085	
1/11/2016 10:31	0.034	0.0085	
1/11/2016 10:30	0.0336	0.0086	
1/11/2016 10:29	0.0335	0.0086	
1/11/2016 10:28	0.0333	0.0085	
1/11/2016 10:27	0.0333	0.0085	
1/11/2016 10:26	0.0331	0.0085	
1/11/2016 10:25	0.0328	0.0086	
1/11/2016 10:24	0.0325	0.0087	
1/11/2016 10:23	0.0324	0.0086	
1/11/2016 10:22	0.0323	0.0086	
1/11/2016 10:21	0.0321	0.0086	
1/11/2016 10:20	0.0317	0.0086	
1/11/2016 10:19	0.0315	0.0086	
1/11/2016 10:18	0.0313	0.0087	
1/11/2016 10:17	0.0311	0.0087	
1/11/2016 10:16	0.031	0.0087	
1/11/2016 10:15	0.0309	0.0086	
1/11/2016 10:14	0.0307	0.0087	
1/11/2016 10:13	0.0306	0.0087	
1/11/2016 10:12	0.0304	0.0087	
1/11/2016 10:11	0.0303	0.0088	
1/11/2016 10:10	0.0301	0.0088	
1/11/2016 10:09	0.03	0.0088	
1/11/2016 10:08	0.0299	0.0089	
1/11/2016 10:07	0.0296	0.0089	
1/11/2016 10:06	0.0293	0.0089	
1/11/2016 10:05	0.0291	0.0089	
1/11/2016 10:04	0.0289	0.0089	
1/11/2016 10:03	0.0286		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 10:02	0.0281	0.0089	
1/11/2016 10:01	0.028	0.0089	
1/11/2016 10:00	0.0278	0.009	
1/11/2016 9:59	0.0275	0.009	
1/11/2016 9:58	0.0272	0.009	
1/11/2016 9:57	0.0268	0.009	
1/11/2016 9:56	0.0262	0.009	
1/11/2016 9:55	0.0259	0.009	
1/11/2016 9:54	0.0255	0.0089	
1/11/2016 9:53	0.0249	0.0089	
1/11/2016 9:52	0.0245	0.0089	
1/11/2016 9:51	0.0242	0.0089	
1/11/2016 9:50	0.0239	0.0088	
1/11/2016 9:49	0.0233	0.0088	
1/11/2016 9:48	0.0229	0.0087	
1/11/2016 9:47	0.0227	0.0087	
1/11/2016 9:46	0.0221	0.0087	
1/11/2016 9:45	0.0215	0.0087	
1/11/2016 9:44	0.0209	0.0087	
1/11/2016 9:43	0.0203	0.0087	
1/11/2016 9:42	0.0199	0.0087	
1/11/2016 9:41	0.0195	0.0086	
1/11/2016 9:40	0.0189	0.0086	
1/11/2016 9:39	0.0187	0.0087	
1/11/2016 9:38	0.0183	0.0087	
1/11/2016 9:37	0.0177	0.0087	
1/11/2016 9:36	0.0173	0.0087	
1/11/2016 9:35	0.0167	0.0088	
1/11/2016 9:34	0.0161	0.0088	
1/11/2016 9:33	0.0155	0.0089	
1/11/2016 9:32	0.0147	0.0088	
1/11/2016 9:31	0.0143	0.0088	
1/11/2016 9:30	0.0137	0.0087	
1/11/2016 9:29	0.0133	0.0087	
1/11/2016 9:28	0.0127	0.0087	
1/11/2016 9:27	0.0121	0.0087	
1/11/2016 9:26	0.0115	0.0087	
1/11/2016 9:25	0.0109	0.0087	
1/11/2016 9:24	0.0102	0.0087	
1/11/2016 9:23	0.0098	0.0086	
1/11/2016 9:22	0.0095	0.0086	
1/11/2016 9:21	0.0091	0.0086	
1/11/2016 9:20	0.0083	0.0085	
1/11/2016 9:19	0.0076	0.0085	
1/11/2016 9:18	0.0067	0.0084	
1/11/2016 9:17	0.0059	0.0085	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 9:16	0.0051	0.0084	
1/11/2016 9:15	0.0043	0.0084	
1/11/2016 9:14	0.0035	0.0084	
1/11/2016 9:13	0.0028	0.0084	
1/11/2016 9:12	0.0021	0.0083	
1/11/2016 9:11	0.0014	0.0083	
1/11/2016 9:10	0.0009	0.0082	
1/11/2016 9:06	0.0003		
1/11/2016 9:05	0.0001	0.0081	
1/11/2016 9:04	0	0.0081	
1/11/2016 9:03	0	0.0081	
1/11/2016 9:02	0	0.008	
1/11/2016 9:01	0	0.008	
1/11/2016 9:00	0	0.008	
1/11/2016 8:59	0	0.008	
1/11/2016 8:58	0	0.008	
1/11/2016 8:57	0	0.008	
1/11/2016 8:56	0	0.0079	
1/11/2016 8:55	0	0.0079	
1/11/2016 8:54	0	0.0079	
1/11/2016 8:53	0	0.0079	
1/11/2016 8:52	0	0.0078	
1/11/2016 8:51	0	0.0077	
1/11/2016 8:50	0	0.0076	
1/11/2016 8:49	0	0.0076	
1/11/2016 8:48	0	0.0075	
1/11/2016 8:47	0	0.0075	
1/11/2016 8:46	0	0.0076	
1/11/2016 8:45	0	0.0076	
1/11/2016 8:44	0	0.0075	
1/11/2016 8:43	0	0.0074	
1/11/2016 8:42	0	0.0074	
1/11/2016 8:40	0	0.0073	
1/11/2016 8:39	0	0.0073	
1/11/2016 8:38	0	0.0073	
1/11/2016 8:37	0	0.0073	
1/11/2016 8:36	0	0.0073	
1/11/2016 8:35	0	0.0072	
1/11/2016 8:34	0	0.0072	
1/11/2016 8:33	0	0.0072	
1/11/2016 8:32	0	0.0071	
1/11/2016 8:31	0	0.0069	
1/11/2016 8:30	0	0.0069	
1/11/2016 8:29	0	0.0068	
1/11/2016 8:28	0	0.0068	
1/11/2016 8:27	0	0.0068	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 8:26	0	0.0068	
1/11/2016 8:25	0	0.0067	
1/11/2016 8:24	0	0.0067	
1/11/2016 8:23	0	0.0067	
1/11/2016 8:22	0	0.0066	
1/11/2016 8:21	0	0.0066	
1/11/2016 8:20	0	0.0067	
1/11/2016 8:19	0	0.0066	
1/11/2016 8:18	0	0.0065	
1/11/2016 8:17	0	0.0063	
1/11/2016 8:16	0	0.0065	
1/11/2016 8:15	0	0.006	
1/8/2016 18:16	0.0537		
1/8/2016 18:15	0.0536		
1/8/2016 18:14	0.0535		
1/8/2016 18:13	0.0535		
1/8/2016 18:12	0.0537		
1/8/2016 18:11	0.0538		
1/8/2016 18:10	0.0541		
1/8/2016 18:09	0.0544		
1/8/2016 18:08	0.0546		
1/8/2016 18:07	0.0544		
1/8/2016 18:06	0.0543		
1/8/2016 18:05	0.0544		
1/8/2016 18:04	0.0544		
1/8/2016 18:03	0.0544		
1/8/2016 18:02	0.0545		
1/8/2016 18:01	0.0547		
1/8/2016 18:00	0.0549		
1/8/2016 17:59	0.055		
1/8/2016 17:58	0.0551		
1/8/2016 17:57	0.0549		
1/8/2016 17:56	0.0549		
1/8/2016 17:55	0.0546		
1/8/2016 17:54	0.0541		
1/8/2016 17:53	0.0537		
1/8/2016 17:52	0.0539		
1/8/2016 17:51	0.0536		
1/8/2016 17:50	0.0534		
1/8/2016 17:49	0.0534		
1/8/2016 17:48	0.0534		
1/8/2016 17:47	0.0532		
1/8/2016 17:46	0.053		
1/8/2016 17:45	0.0527		
1/8/2016 17:44	0.0526		
1/8/2016 17:43	0.0524		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 17:41	0.052		
1/8/2016 17:40	0.0518		
1/8/2016 17:39	0.0517		
1/8/2016 17:38	0.0515		
1/8/2016 17:37	0.0513		
1/8/2016 17:36	0.0513		
1/8/2016 17:35	0.0513		
1/8/2016 17:34	0.0512		
1/8/2016 17:33	0.051		
1/8/2016 17:32	0.0511		
1/8/2016 17:31	0.0512	0.0199	
1/8/2016 17:30	0.0512	0.019	
1/8/2016 17:29	0.0511	0.0157	
1/8/2016 17:28	0.0511	0.0163	
1/8/2016 17:27	0.0513	0.0166	
1/8/2016 17:26	0.0513	0.0175	
1/8/2016 17:25	0.0515	0.0181	
1/8/2016 17:24	0.0516	0.0175	
1/8/2016 17:23	0.0518	0.0184	
1/8/2016 17:22	0.052	0.0183	
1/8/2016 17:21	0.052	0.0183	
1/8/2016 17:20	0.0519	0.0183	
1/8/2016 17:19	0.0521	0.0184	
1/8/2016 17:18	0.0521	0.0185	
1/8/2016 17:17	0.0519	0.0185	
1/8/2016 17:16	0.0517	0.0186	
1/8/2016 17:15	0.0518	0.0187	
1/8/2016 17:14	0.0518	0.0187	
1/8/2016 17:13	0.0519	0.0188	
1/8/2016 17:12	0.0519	0.0189	
1/8/2016 17:11	0.0519	0.0189	
1/8/2016 17:10	0.0519	0.019	
1/8/2016 17:09	0.0519	0.019	
1/8/2016 17:08	0.0518	0.019	
1/8/2016 17:07	0.0516	0.019	
1/8/2016 17:06	0.0519	0.019	
1/8/2016 17:05	0.052	0.019	
1/8/2016 17:04	0.0521	0.019	
1/8/2016 17:03	0.0521	0.0191	
1/8/2016 17:02	0.052	0.0191	
1/8/2016 17:01	0.0519	0.0191	
1/8/2016 17:00	0.0518	0.0192	
1/8/2016 16:59	0.0517	0.0193	
1/8/2016 16:58	0.0516	0.0193	
1/8/2016 16:57	0.0516	0.0193	
1/8/2016 16:56	0.0515	0.0194	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 16:55	0.0513	0.0195	
1/8/2016 16:54	0.0511	0.0195	
1/8/2016 16:53	0.0509	0.0196	
1/8/2016 16:52	0.0509	0.0197	
1/8/2016 16:51	0.0507	0.0197	
1/8/2016 16:50	0.0505	0.0198	
1/8/2016 16:49	0.0503	0.0199	
1/8/2016 16:48	0.0503	0.02	
1/8/2016 16:47	0.0505	0.0201	
1/8/2016 16:46	0.0507	0.0202	
1/8/2016 16:45	0.0507	0.0203	
1/8/2016 16:44	0.0507	0.0205	
1/8/2016 16:43	0.0508	0.0207	
1/8/2016 16:42	0.0509	0.0208	
1/8/2016 16:41	0.0511	0.021	
1/8/2016 16:40	0.0514	0.0212	
1/8/2016 16:39	0.0514	0.0213	
1/8/2016 16:38	0.0514	0.0215	
1/8/2016 16:37	0.0513	0.0217	
1/8/2016 16:36	0.0511	0.0219	
1/8/2016 16:35	0.0512	0.0222	
1/8/2016 16:34	0.0513	0.0223	
1/8/2016 16:33	0.0513	0.0225	
1/8/2016 16:32	0.0512	0.0227	
1/8/2016 16:31	0.0513	0.0229	
1/8/2016 16:30	0.0513	0.0231	
1/8/2016 16:29	0.0513	0.0232	
1/8/2016 16:28	0.0514	0.0234	
1/8/2016 16:27	0.0515	0.0236	
1/8/2016 16:26	0.0513	0.0237	
1/8/2016 16:25	0.0512	0.0238	
1/8/2016 16:24	0.0513	0.024	
1/8/2016 16:23	0.0515	0.0241	
1/8/2016 16:22	0.0517	0.0243	
1/8/2016 16:21	0.0518	0.0244	
1/8/2016 16:20	0.0519	0.0244	
1/8/2016 16:19	0.0519	0.0245	
1/8/2016 16:18	0.0519	0.0245	
1/8/2016 16:17	0.0521	0.0245	
1/8/2016 16:16	0.0519	0.0245	
1/8/2016 16:15	0.0519	0.0245	
1/8/2016 16:14	0.052	0.0245	
1/8/2016 16:13	0.0519	0.0245	
1/8/2016 16:12	0.0517	0.0245	
1/8/2016 16:11	0.0517	0.0245	
1/8/2016 16:10	0.0517	0.0244	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 16:09	0.0517	0.0243	
1/8/2016 16:08	0.0517	0.0243	
1/8/2016 16:07	0.0516	0.0243	
1/8/2016 16:06	0.0515	0.0242	
1/8/2016 16:05	0.0515	0.0243	
1/8/2016 16:04	0.0515	0.0243	
1/8/2016 16:03	0.0514	0.0243	
1/8/2016 16:02	0.0513	0.0243	
1/8/2016 16:01	0.0513	0.0242	
1/8/2016 16:00	0.0513	0.0242	
1/8/2016 15:59	0.0514	0.0243	
1/8/2016 15:58	0.0515	0.0243	
1/8/2016 15:57	0.0516	0.0244	
1/8/2016 15:56	0.0515	0.0245	
1/8/2016 15:55	0.0515	0.0246	
1/8/2016 15:54	0.0515	0.0247	
1/8/2016 15:53	0.0515	0.0248	
1/8/2016 15:52	0.0516	0.0249	
1/8/2016 15:51	0.0518	0.025	
1/8/2016 15:50	0.052	0.0252	
1/8/2016 15:49	0.052	0.0256	
1/8/2016 15:48	0.0521	0.0259	
1/8/2016 15:47	0.0522	0.0262	
1/8/2016 15:46	0.0524	0.0265	
1/8/2016 15:45	0.0525	0.0268	
1/8/2016 15:44	0.0527	0.0271	
1/8/2016 15:43	0.0527	0.0274	
1/8/2016 15:42	0.0527	0.0277	
1/8/2016 15:41	0.0527	0.0279	
1/8/2016 15:40	0.0529	0.0282	
1/8/2016 15:39	0.0529	0.0285	
1/8/2016 15:38	0.0529	0.0287	
1/8/2016 15:37	0.0529	0.029	
1/8/2016 15:36	0.0529	0.0293	
1/8/2016 15:35	0.0527	0.0294	
1/8/2016 15:34	0.0527	0.0294	
1/8/2016 15:33	0.0527	0.0295	
1/8/2016 15:32	0.0526	0.0295	
1/8/2016 15:31	0.0528	0.0297	
1/8/2016 15:30	0.0531	0.0299	
1/8/2016 15:29	0.0529	0.0301	
1/8/2016 15:28	0.0529	0.0302	
1/8/2016 15:27	0.0529	0.0303	
1/8/2016 15:26	0.0531	0.0304	
1/8/2016 15:25	0.0531	0.0306	
1/8/2016 15:24		0.0309	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 15:23	0.0531	0.031	
1/8/2016 15:22	0.0531	0.0312	
1/8/2016 15:21	0.0533	0.0313	
1/8/2016 15:20	0.0533	0.0316	
1/8/2016 15:19	0.0535	0.0319	
1/8/2016 15:18	0.0535	0.0321	
1/8/2016 15:17	0.0535	0.0323	
1/8/2016 15:16	0.0533	0.0325	
1/8/2016 15:15	0.053	0.0327	
1/8/2016 15:14	0.0531	0.0329	
1/8/2016 15:13	0.0531	0.0329	
1/8/2016 15:12	0.0531	0.0332	
1/8/2016 15:11	0.053	0.0336	
1/8/2016 15:10	0.0532	0.0339	
1/8/2016 15:09	0.0533	0.0341	
1/8/2016 15:08	0.0532	0.0344	
1/8/2016 15:07	0.0533	0.0345	
1/8/2016 15:06	0.0532	0.0348	
1/8/2016 15:05	0.0532	0.035	
1/8/2016 15:04	0.0531	0.0352	
1/8/2016 15:03	0.0532	0.0354	
1/8/2016 15:02	0.0531	0.0356	
1/8/2016 15:01	0.0531	0.0358	
1/8/2016 14:58		0.0363	
1/8/2016 14:57	0.0532	0.0365	
1/8/2016 14:56	0.0531	0.0367	
1/8/2016 14:55	0.0531	0.0369	
1/8/2016 14:54	0.0532	0.0373	
1/8/2016 14:53	0.0533	0.0374	
1/8/2016 14:52	0.0532	0.0377	
1/8/2016 14:51	0.0532	0.0382	
1/8/2016 14:50	0.0532	0.0385	
1/8/2016 14:49	0.0531	0.0388	
1/8/2016 14:48	0.0531	0.0391	
1/8/2016 14:47	0.0532	0.0395	
1/8/2016 14:46	0.0532	0.0399	
1/8/2016 14:45	0.0533	0.0403	
1/8/2016 14:44	0.0532	0.0407	
1/8/2016 14:43	0.0532	0.0412	
1/8/2016 14:42	0.0531	0.0414	
1/8/2016 14:41	0.0531	0.0417	
1/8/2016 14:40	0.053	0.042	
1/8/2016 14:39	0.0529	0.0423	
1/8/2016 14:38	0.0528	0.0427	
1/8/2016 14:37	0.0529	0.0429	
1/8/2016 14:36	0.0528	0.0429	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 14:35	0.0528	0.0431	
1/8/2016 14:34	0.0528	0.0433	
1/8/2016 14:33	0.0527	0.0435	
1/8/2016 14:32		0.0436	
1/8/2016 14:31	0.0527	0.0435	
1/8/2016 14:30	0.0528	0.0437	
1/8/2016 14:29	0.0529	0.0437	
1/8/2016 14:28	0.0528	0.0437	
1/8/2016 14:27	0.0528	0.0438	
1/8/2016 14:26	0.0529	0.0442	
1/8/2016 14:25	0.053	0.0444	
1/8/2016 14:24	0.053	0.0445	
1/8/2016 14:23	0.053	0.0447	
1/8/2016 14:22	0.0529	0.0449	
1/8/2016 14:21	0.053	0.0451	
1/8/2016 14:20	0.0528	0.0455	
1/8/2016 14:19	0.0527	0.0458	
1/8/2016 14:18	0.0528	0.0461	
1/8/2016 14:17	0.0526	0.0465	
1/8/2016 14:16	0.0525	0.0469	
1/8/2016 14:15	0.0523	0.0471	
1/8/2016 14:14	0.0523	0.0473	
1/8/2016 14:13	0.0522	0.0476	
1/8/2016 14:12	0.0522	0.0479	
1/8/2016 14:11	0.0522	0.0478	
1/8/2016 14:10	0.0521	0.048	
1/8/2016 14:09	0.0519	0.0481	
1/8/2016 14:08	0.0517	0.0483	
1/8/2016 14:07	0.0517	0.0484	
1/8/2016 14:06	0.0516	0.0485	
1/8/2016 14:05	0.0517	0.0485	
1/8/2016 14:04	0.0517	0.0484	
1/8/2016 14:03	0.0515	0.0485	
1/8/2016 14:02	0.0515	0.0484	
1/8/2016 14:01	0.0515	0.0483	
1/8/2016 14:00	0.0515	0.0483	
1/8/2016 13:59	0.0514	0.0483	
1/8/2016 13:58	0.0514	0.0482	
1/8/2016 13:57	0.0515	0.0483	
1/8/2016 13:56	0.0513	0.0484	
1/8/2016 13:55	0.0513	0.0482	
1/8/2016 13:54	0.0513	0.0481	
1/8/2016 13:53	0.0514	0.0481	
1/8/2016 13:52	0.0513	0.048	
1/8/2016 13:51	0.0511	0.0479	
1/8/2016 13:50	0.0511	0.0477	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 13:49	0.051	0.0477	
1/8/2016 13:48	0.0509	0.0475	
1/8/2016 13:47	0.0509	0.0475	
1/8/2016 13:46	0.0508	0.0475	
1/8/2016 13:45	0.0507	0.0475	
1/8/2016 13:44	0.0507	0.0474	
1/8/2016 13:43	0.0506	0.0474	
1/8/2016 13:42	0.0503	0.0473	
1/8/2016 13:41	0.0503	0.0471	
1/8/2016 13:40	0.05	0.0471	
1/8/2016 13:39	0.0499	0.0471	
1/8/2016 13:38	0.0497	0.0473	
1/8/2016 13:37	0.0497	0.0474	
1/8/2016 13:36	0.0495	0.0475	
1/8/2016 13:35	0.0495	0.0475	
1/8/2016 13:34	0.0494	0.0474	
1/8/2016 13:33	0.0494	0.0475	
1/8/2016 13:32	0.0494	0.0475	
1/8/2016 13:31	0.0493	0.0473	
1/8/2016 13:30	0.0493	0.0473	
1/8/2016 13:29	0.0493	0.0473	
1/8/2016 13:28	0.0495	0.0471	
1/8/2016 13:27	0.0495	0.0469	
1/8/2016 13:26	0.0494	0.047	
1/8/2016 13:25	0.0495	0.047	
1/8/2016 13:24	0.0495	0.047	
1/8/2016 13:23	0.0496	0.0468	
1/8/2016 13:22	0.0498	0.0467	
1/8/2016 13:21	0.0498	0.0468	
1/8/2016 13:20	0.0498	0.0468	
1/8/2016 13:19	0.0498	0.0468	
1/8/2016 13:18	0.0498	0.0467	
1/8/2016 13:17	0.0498	0.0466	
1/8/2016 13:16	0.0499	0.0466	
1/8/2016 13:15	0.0499	0.0465	
1/8/2016 13:14	0.0499	0.0465	
1/8/2016 13:13	0.0496	0.0465	
1/8/2016 13:10	0.0493		
1/8/2016 13:09	0.0493	0.0467	
1/8/2016 13:08	0.0493	0.0468	
1/8/2016 13:07	0.0491	0.0469	
1/8/2016 13:06	0.0489	0.0469	
1/8/2016 13:05	0.0489	0.0471	
1/8/2016 13:04	0.0489	0.0471	
1/8/2016 13:03	0.0487	0.0471	
1/8/2016 13:02	0.0485	0.0471	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 13:01	0.0483	0.0471	
1/8/2016 13:00	0.0481	0.0471	
1/8/2016 12:59	0.048	0.0471	
1/8/2016 12:58	0.048	0.0471	
1/8/2016 12:57	0.048	0.0471	
1/8/2016 12:56	0.048	0.0473	
1/8/2016 12:55	0.048	0.0474	
1/8/2016 12:54	0.0477	0.0473	
1/8/2016 12:53	0.0476	0.0471	
1/8/2016 12:52	0.0476	0.0469	
1/8/2016 12:51	0.0475	0.0466	
1/8/2016 12:50	0.0474	0.0464	
1/8/2016 12:49	0.0471	0.0463	
1/8/2016 12:48	0.047	0.0462	
1/8/2016 12:47	0.0469	0.0461	
1/8/2016 12:46	0.0469	0.0461	
1/8/2016 12:45	0.0467	0.0459	
1/8/2016 12:43	0.0465	0.0457	
1/8/2016 12:42	0.0463	0.0455	
1/8/2016 12:41	0.0461	0.0453	
1/8/2016 12:40	0.0461	0.0451	
1/8/2016 12:39	0.0462	0.045	
1/8/2016 12:38	0.0461	0.0449	
1/8/2016 12:37	0.0459	0.045	
1/8/2016 12:36	0.0459	0.0449	
1/8/2016 12:35	0.0459	0.0447	
1/8/2016 12:34	0.0457	0.0446	
1/8/2016 12:33	0.0456	0.0445	
1/8/2016 12:32	0.0454	0.0444	
1/8/2016 12:31	0.0453	0.0443	
1/8/2016 12:30	0.0452	0.0443	
1/8/2016 12:29	0.0451	0.0444	
1/8/2016 12:28	0.0449	0.0444	
1/8/2016 12:27	0.0449	0.0444	
1/8/2016 12:26	0.0448	0.0443	
1/8/2016 12:25	0.0447	0.0443	
1/8/2016 12:24	0.0444	0.0443	
1/8/2016 12:23	0.0441	0.0442	
1/8/2016 12:22	0.0439	0.0443	
1/8/2016 12:21	0.0436	0.0445	
1/8/2016 12:20	0.0433	0.0447	
1/8/2016 12:19	0.0432	0.0447	
1/8/2016 12:18	0.0431	0.0448	
1/8/2016 12:17	0.0433	0.045	
1/8/2016 12:16	0.0432	0.045	
1/8/2016 12:15	0.043	0.0451	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 12:14	0.0429	0.0451	
1/8/2016 12:13	0.0427	0.0451	
1/8/2016 12:12	0.0425	0.0453	
1/8/2016 12:11	0.0422	0.0455	
1/8/2016 12:10	0.042	0.0455	
1/8/2016 12:09	0.0417	0.0455	
1/8/2016 12:08	0.0418	0.0455	
1/8/2016 12:07	0.0415	0.0451	
1/8/2016 12:06	0.0413	0.0451	
1/8/2016 12:05	0.0412	0.0451	
1/8/2016 12:04	0.0411	0.0451	
1/8/2016 12:03	0.0408	0.045	
1/8/2016 12:02	0.0405	0.045	
1/8/2016 12:01	0.0401	0.0449	
1/8/2016 12:00	0.04	0.0449	
1/8/2016 11:59	0.0397	0.0447	
1/8/2016 11:58	0.0397	0.0447	
1/8/2016 11:57	0.0397	0.0446	
1/8/2016 11:56	0.0396	0.0445	
1/8/2016 11:55	0.0395	0.0444	
1/8/2016 11:54	0.0394	0.0445	
1/8/2016 11:53	0.0394	0.0447	
1/8/2016 11:52	0.0394	0.0447	
1/8/2016 11:51	0.0393	0.0447	
1/8/2016 11:50	0.0391	0.0446	
1/8/2016 11:49	0.0389	0.0445	
1/8/2016 11:48	0.0387	0.0445	
1/8/2016 11:47	0.0385	0.0444	
1/8/2016 11:46	0.0383	0.0445	
1/8/2016 11:45	0.0381	0.0445	
1/8/2016 11:44	0.038	0.0446	
1/8/2016 11:43	0.0379	0.0445	
1/8/2016 11:42	0.0375	0.0445	
1/8/2016 11:41	0.0373	0.0445	
1/8/2016 11:40	0.0371	0.0444	
1/8/2016 11:39	0.0368	0.0443	
1/8/2016 11:38	0.0364	0.0441	
1/8/2016 11:37	0.0361	0.0441	
1/8/2016 11:36	0.036	0.0441	
1/8/2016 11:35	0.0359	0.0442	
1/8/2016 11:34	0.0358	0.0443	
1/8/2016 11:33	0.0357	0.0442	
1/8/2016 11:32	0.0355	0.0444	
1/8/2016 11:31	0.0354	0.0445	
1/8/2016 11:30	0.0353	0.0445	
1/8/2016 11:29	0.0352	0.0445	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 11:28	0.035	0.0446	
1/8/2016 11:27	0.0348	0.0446	
1/8/2016 11:26	0.0347	0.0446	
1/8/2016 11:25	0.0345	0.0448	
1/8/2016 11:24	0.0342	0.0448	
1/8/2016 11:23	0.0341	0.0447	
1/8/2016 11:22	0.034	0.0448	
1/8/2016 11:21	0.0339	0.0448	
1/8/2016 11:20	0.0337	0.0449	
1/8/2016 11:19	0.0335	0.0449	
1/8/2016 11:18	0.0334	0.045	
1/8/2016 11:17	0.0333	0.0449	
1/8/2016 11:16	0.0333	0.0449	
1/8/2016 11:15	0.0332	0.045	
1/8/2016 11:14	0.0329	0.045	
1/8/2016 11:13	0.0328	0.0449	
1/8/2016 11:12	0.0326	0.0449	
1/8/2016 11:11	0.0325	0.0449	
1/8/2016 11:10	0.0325	0.0449	
1/8/2016 11:09	0.0326	0.0451	
1/8/2016 11:08	0.0324	0.0451	
1/8/2016 11:07	0.0324	0.0452	
1/8/2016 11:06	0.0323	0.0454	
1/8/2016 11:05	0.0322	0.0455	
1/8/2016 11:04	0.0321	0.0458	
1/8/2016 11:03	0.0321	0.0459	
1/8/2016 11:02	0.032	0.0461	
1/8/2016 11:01	0.0319	0.0465	
1/8/2016 11:00	0.0319	0.0467	
1/8/2016 10:59	0.0319	0.0471	
1/8/2016 10:58	0.0317	0.0474	
1/8/2016 10:57	0.0317	0.0477	
1/8/2016 10:56	0.0315	0.0481	
1/8/2016 10:55	0.0313	0.0484	
1/8/2016 10:54	0.0311		
1/8/2016 10:53	0.0309	0.0486	
1/8/2016 10:52	0.0305	0.0488	
1/8/2016 10:51	0.0301	0.0489	
1/8/2016 10:50	0.0298	0.0489	
1/8/2016 10:49	0.0294	0.0489	
1/8/2016 10:48	0.0289	0.049	
1/8/2016 10:47	0.0286	0.049	
1/8/2016 10:46	0.0281	0.0489	
1/8/2016 10:45	0.0277	0.0489	
1/8/2016 10:44	0.0273	0.0487	
1/8/2016 10:43	0.0269	0.0485	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 10:42	0.0267	0.0484	
1/8/2016 10:41	0.0262	0.0483	
1/8/2016 10:40	0.0259	0.0481	
1/8/2016 10:39	0.0255	0.048	
1/8/2016 10:38	0.0253	0.0479	
1/8/2016 10:37	0.0252	0.0479	
1/8/2016 10:36	0.025	0.048	
1/8/2016 10:35	0.0248	0.0481	
1/8/2016 10:34	0.0247	0.0481	
1/8/2016 10:33	0.0246	0.0482	
1/8/2016 10:32	0.0244	0.0483	
1/8/2016 10:31	0.0243	0.0485	
1/8/2016 10:30	0.024	0.0486	
1/8/2016 10:29	0.0237	0.0488	
1/8/2016 10:28	0.0235	0.049	
1/8/2016 10:27	0.0233	0.0492	
1/8/2016 10:26	0.0231	0.0493	
1/8/2016 10:25	0.0228	0.0495	
1/8/2016 10:24	0.0225	0.0497	
1/8/2016 10:23	0.0221	0.0499	
1/8/2016 10:22	0.0218	0.0501	
1/8/2016 10:21	0.0215	0.0502	
1/8/2016 10:20	0.0212	0.0503	
1/8/2016 10:19	0.0207	0.0503	
1/8/2016 10:18	0.0203	0.0504	
1/8/2016 10:17	0.02	0.0504	
1/8/2016 10:16	0.0194	0.0503	
1/8/2016 10:15	0.019	0.0503	
1/8/2016 10:14	0.0185	0.0502	
1/8/2016 10:13	0.0179	0.0502	
1/8/2016 10:12	0.0175	0.0501	
1/8/2016 10:11	0.0171	0.0501	
1/8/2016 10:10	0.0165	0.0501	
1/8/2016 10:09	0.0161	0.0501	
1/8/2016 10:08	0.0157	0.05	
1/8/2016 10:07	0.0151	0.0499	
1/8/2016 10:06	0.0145	0.0498	
1/8/2016 10:05	0.0139	0.0497	
1/8/2016 10:04	0.0134	0.0495	
1/8/2016 10:03	0.0129	0.0495	
1/8/2016 10:02	0.0121	0.0494	
1/8/2016 10:01	0.0116	0.0493	
1/8/2016 10:00	0.0111	0.0493	
1/8/2016 9:59	0.0107	0.0493	
1/8/2016 9:58	0.0102	0.0492	
1/8/2016 9:57	0.0097	0.0492	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 9:56	0.009	0.0491	
1/8/2016 9:55	0.0085	0.0491	
1/8/2016 9:54	0.008	0.0491	
1/8/2016 9:53	0.0073	0.0491	
1/8/2016 9:52	0.0067	0.049	
1/8/2016 9:51	0.0061	0.0487	
1/8/2016 9:50	0.0055	0.0487	
1/8/2016 9:49	0.0048	0.0486	
1/8/2016 9:48	0.0041	0.0485	
1/8/2016 9:47	0.0039	0.0485	
1/8/2016 9:46	0.0034	0.0484	
1/8/2016 9:45	0.0029	0.0482	
1/8/2016 9:44	0.0024	0.048	
1/8/2016 9:43	0.0019	0.0479	
1/8/2016 9:42	0.0014	0.0476	
1/8/2016 9:41	0.0011	0.0475	
1/8/2016 9:40	0.0007	0.0473	
1/8/2016 9:39	0.0004	0.0471	
1/8/2016 9:38	0.0001	0.0469	
1/8/2016 9:37	0	0.0469	
1/8/2016 9:36	0	0.0471	
1/8/2016 9:35	0	0.0471	
1/8/2016 9:34	0	0.0472	
1/8/2016 9:33			
1/8/2016 9:32	0	0.0473	
1/8/2016 9:31	0	0.0474	
1/8/2016 9:30	0	0.0475	
1/8/2016 9:29	0	0.0477	
1/8/2016 9:28	0	0.0478	
1/8/2016 9:27	0	0.0479	
1/8/2016 9:26	0	0.0481	
1/8/2016 9:25	0	0.0481	
1/8/2016 9:24	0	0.0481	
1/8/2016 9:23	0	0.0481	
1/8/2016 9:22	0	0.0481	
1/8/2016 9:21	0	0.0479	
1/8/2016 9:20	0	0.0477	
1/8/2016 9:19	0	0.0475	
1/8/2016 9:18	0	0.0475	
1/8/2016 9:17	0	0.0474	
1/8/2016 9:16	0	0.0471	
1/8/2016 9:15	0	0.0468	
1/8/2016 9:14	0	0.0466	
1/8/2016 9:13	0	0.0463	
1/8/2016 9:12	0	0.0461	
1/8/2016 9:11	0	0.0457	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 9:10	0	0.0454	
1/8/2016 9:09	0	0.0451	
1/8/2016 9:08	0	0.0451	
1/8/2016 9:07	0	0.0449	
1/8/2016 9:06	0	0.0448	
1/8/2016 9:05	0	0.0448	
1/8/2016 9:04	0	0.0447	
1/8/2016 9:03	0	0.0444	
1/8/2016 9:02	0	0.0441	
1/8/2016 9:01	0	0.044	
1/8/2016 9:00	0	0.044	
1/8/2016 8:59	0	0.0436	
1/8/2016 8:58	0	0.0435	
1/8/2016 8:57	0	0.0433	
1/8/2016 8:56	0	0.043	
1/8/2016 8:55	0	0.043	
1/7/2016 16:57	0.0804		
1/7/2016 16:56	0.0807	0.021	
1/7/2016 16:55	0.0805	0.0208	
1/7/2016 16:54	0.0805	0.0208	
1/7/2016 16:53	0.0805	0.0209	
1/7/2016 16:52	0.0806	0.0209	
1/7/2016 16:51	0.0811	0.0207	
1/7/2016 16:50	0.0808	0.0208	
1/7/2016 16:49	0.0804	0.0209	
1/7/2016 16:48	0.0799	0.0208	
1/7/2016 16:47	0.0797	0.0208	
1/7/2016 16:46	0.0793	0.0211	
1/7/2016 16:45	0.0789	0.0213	
1/7/2016 16:44	0.0785	0.0214	
1/7/2016 16:43	0.0782	0.0214	
1/7/2016 16:42	0.0779	0.0211	
1/7/2016 16:41	0.0775	0.0207	
1/7/2016 16:40	0.0775	0.0205	
1/7/2016 16:39	0.0778	0.0201	
1/7/2016 16:38	0.0779	0.0198	
1/7/2016 16:37	0.0775	0.0195	
1/7/2016 16:36	0.0769	0.0193	
1/7/2016 16:35	0.077	0.0188	
1/7/2016 16:34	0.0771	0.0185	
1/7/2016 16:33	0.0775	0.0183	
1/7/2016 16:32	0.0775	0.0181	
1/7/2016 16:31	0.078	0.0175	
1/7/2016 16:30	0.0783	0.0171	
1/7/2016 16:29	0.0783	0.0168	
1/7/2016 16:28	0.0781	0.0165	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 16:27	0.078	0.0166	
1/7/2016 16:26	0.0779	0.0166	
1/7/2016 16:25	0.0779	0.0165	
1/7/2016 16:24	0.0775	0.0166	
1/7/2016 16:23	0.0769	0.0166	
1/7/2016 16:22	0.0765	0.0166	
1/7/2016 16:21	0.0763	0.0168	
1/7/2016 16:20	0.0759	0.0169	
1/7/2016 16:19	0.0753	0.0169	
1/7/2016 16:18	0.0749	0.017	
1/7/2016 16:17	0.0745	0.017	
1/7/2016 16:16	0.0736	0.0172	
1/7/2016 16:15	0.0731	0.0172	
1/7/2016 16:14	0.0729	0.0173	
1/7/2016 16:13	0.0727	0.0175	
1/7/2016 16:12	0.0722	0.0174	
1/7/2016 16:11	0.0718	0.0175	
1/7/2016 16:10	0.0707	0.0175	
1/7/2016 16:09	0.0695	0.0176	
1/7/2016 16:08	0.0684	0.0177	
1/7/2016 16:07	0.0676	0.0177	
1/7/2016 16:06	0.0667	0.0177	
1/7/2016 16:05	0.0659	0.0178	
1/7/2016 16:04	0.0654	0.0178	
1/7/2016 16:03	0.0649	0.0178	
1/7/2016 16:02	0.0645	0.0178	
1/7/2016 16:01	0.0636	0.0178	
1/7/2016 16:00	0.0628	0.0181	
1/7/2016 15:59	0.0619	0.0182	
1/7/2016 15:58	0.0611	0.0183	
1/7/2016 15:57	0.0605	0.0186	
1/7/2016 15:56	0.0597	0.0189	
1/7/2016 15:55	0.0595	0.0191	
1/7/2016 15:54	0.0599	0.0194	
1/7/2016 15:53	0.0603	0.0196	
1/7/2016 15:52	0.0604	0.0198	
1/7/2016 15:51	0.0605	0.0198	
1/7/2016 15:50	0.0606	0.02	
1/7/2016 15:47	0.0612	0.0209	
1/7/2016 15:46	0.0615	0.0215	
1/7/2016 15:45	0.0617	0.0221	
1/7/2016 15:44	0.0615	0.0223	
1/7/2016 15:43	0.0615	0.0223	
1/7/2016 15:42	0.0613	0.0223	
1/7/2016 15:41	0.0613	0.0223	
1/7/2016 15:40	0.0617	0.0223	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 15:39	0.0616	0.0222	
1/7/2016 15:38	0.0613	0.022	
1/7/2016 15:37	0.0612	0.0219	
1/7/2016 15:36	0.0609	0.0217	
1/7/2016 15:35	0.0607	0.0215	
1/7/2016 15:34	0.0606	0.0211	
1/7/2016 15:33	0.0601	0.0207	
1/7/2016 15:32	0.0598	0.0203	
1/7/2016 15:31	0.0595	0.0196	
1/7/2016 15:30	0.0597	0.0189	
1/7/2016 15:29	0.0599	0.0185	
1/7/2016 15:28	0.0602	0.0184	
1/7/2016 15:27	0.0605	0.0182	
1/7/2016 15:26	0.0607	0.0181	
1/7/2016 15:25	0.0605	0.0179	
1/7/2016 15:24	0.0605	0.0177	
1/7/2016 15:23	0.0605	0.0176	
1/7/2016 15:22	0.0601	0.0175	
1/7/2016 15:21	0.06	0.0175	
1/7/2016 15:20	0.0597	0.0175	
1/7/2016 15:19	0.0592	0.0174	
1/7/2016 15:18	0.0588	0.0174	
1/7/2016 15:17	0.0585	0.0173	
1/7/2016 15:16	0.0581	0.0174	
1/7/2016 15:15	0.0573	0.0173	
1/7/2016 15:14	0.0568	0.0174	
1/7/2016 15:13	0.0563	0.0173	
1/7/2016 15:12	0.056	0.0174	
1/7/2016 15:11	0.0557	0.0174	
1/7/2016 15:10	0.0556	0.0175	
1/7/2016 15:09	0.0551	0.0175	
1/7/2016 15:08	0.0551	0.0176	
1/7/2016 15:07	0.0551	0.0177	
1/7/2016 15:06	0.0549	0.0178	
1/7/2016 15:05	0.0549	0.0179	
1/7/2016 15:04	0.0547	0.0179	
1/7/2016 15:03	0.055	0.0179	
1/7/2016 15:02	0.0549	0.0181	
1/7/2016 15:01	0.0549	0.0181	
1/7/2016 15:00	0.0549	0.0183	
1/7/2016 14:59	0.055	0.0183	
1/7/2016 14:58	0.0547	0.0184	
1/7/2016 14:57	0.0543	0.0184	
1/7/2016 14:56	0.0541	0.0184	
1/7/2016 14:55	0.0538	0.0184	
1/7/2016 14:54	0.0538	0.0185	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 14:53	0.0532	0.0186	
1/7/2016 14:52	0.053	0.0187	
1/7/2016 14:51	0.0527	0.0186	
1/7/2016 14:50	0.0524	0.0187	
1/7/2016 14:49	0.0524	0.0188	
1/7/2016 14:48	0.052	0.0188	
1/7/2016 14:47	0.0517	0.0188	
1/7/2016 14:46	0.0513	0.0188	
1/7/2016 14:45	0.0511	0.0187	
1/7/2016 14:44	0.0505	0.0187	
1/7/2016 14:43	0.0503	0.0186	
1/7/2016 14:42	0.0501	0.0186	
1/7/2016 14:41	0.0497	0.0186	
1/7/2016 14:40	0.0493	0.0185	
1/7/2016 14:39	0.0491	0.0185	
1/7/2016 14:38	0.049	0.0185	
1/7/2016 14:37	0.049	0.0185	
1/7/2016 14:36	0.0489	0.0185	
1/7/2016 14:35	0.0487	0.0184	
1/7/2016 14:34	0.0483	0.0185	
1/7/2016 14:33	0.048	0.0186	
1/7/2016 14:32	0.0479	0.0186	
1/7/2016 14:31	0.0481	0.0186	
1/7/2016 14:30	0.0477	0.0186	
1/7/2016 14:29	0.0478	0.0186	
1/7/2016 14:28	0.0477	0.0187	
1/7/2016 14:27	0.0475	0.0188	
1/7/2016 14:26	0.0473	0.0189	
1/7/2016 14:25	0.0469		
1/7/2016 14:24	0.0465	0.019	
1/7/2016 14:23	0.0462	0.019	
1/7/2016 14:22	0.0458	0.0191	
1/7/2016 14:21	0.0455	0.0192	
1/7/2016 14:20	0.0453	0.0192	
1/7/2016 14:19	0.0451	0.0192	
1/7/2016 14:18	0.045	0.0193	
1/7/2016 14:17	0.0447	0.0193	
1/7/2016 14:16	0.0441	0.0193	
1/7/2016 14:15	0.0441	0.0194	
1/7/2016 14:14	0.0438	0.0195	
1/7/2016 14:13	0.0435	0.0195	
1/7/2016 14:12	0.043	0.0195	
1/7/2016 14:11	0.0425	0.0195	
1/7/2016 14:10	0.0426	0.0194	
1/7/2016 14:09	0.0427	0.0192	
1/7/2016 14:08	0.0427	0.0192	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 14:07	0.0425	0.019	
1/7/2016 14:06	0.0425	0.0189	
1/7/2016 14:05	0.0423	0.0188	
1/7/2016 14:04	0.0422	0.0188	
1/7/2016 14:03	0.0418	0.0186	
1/7/2016 14:02	0.0417	0.0185	
1/7/2016 13:59	0.0421	0.0185	
1/7/2016 13:58	0.0423	0.0185	
1/7/2016 13:57	0.0424	0.0184	
1/7/2016 13:56	0.0427	0.0183	
1/7/2016 13:55	0.0425	0.0185	
1/7/2016 13:54	0.0423	0.0185	
1/7/2016 13:53	0.0421	0.0185	
1/7/2016 13:52	0.0422	0.0185	
1/7/2016 13:51	0.0421	0.0184	
1/7/2016 13:50	0.0421	0.0184	
1/7/2016 13:49	0.0422	0.0184	
1/7/2016 13:48	0.0425	0.0185	
1/7/2016 13:47	0.0428	0.0185	
1/7/2016 13:46	0.0428	0.0184	
1/7/2016 13:45	0.0427	0.0185	
1/7/2016 13:44	0.0422	0.0183	
1/7/2016 13:43	0.0416	0.0184	
1/7/2016 13:42	0.0415	0.0184	
1/7/2016 13:41	0.0411	0.0184	
1/7/2016 13:40	0.0409	0.0183	
1/7/2016 13:39	0.0407	0.0183	
1/7/2016 13:38	0.0407	0.0183	
1/7/2016 13:37	0.0404	0.0183	
1/7/2016 13:36	0.0403	0.0183	
1/7/2016 13:35	0.0401	0.0183	
1/7/2016 13:34	0.0398	0.0183	
1/7/2016 13:33	0.0393	0.0182	
1/7/2016 13:32	0.0389	0.0182	
1/7/2016 13:31	0.0387	0.0182	
1/7/2016 13:30	0.0385	0.0181	
1/7/2016 13:29	0.0384	0.0181	
1/7/2016 13:28	0.0386	0.018	
1/7/2016 13:27	0.0387	0.0181	
1/7/2016 13:26	0.0386	0.0181	
1/7/2016 13:25	0.0388	0.0181	
1/7/2016 13:24	0.0388	0.0181	
1/7/2016 13:23	0.0386	0.0182	
1/7/2016 13:22	0.0386	0.0183	
1/7/2016 13:21	0.0385	0.0183	
1/7/2016 13:20	0.0385	0.0185	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 13:19	0.0384	0.0185	
1/7/2016 13:18	0.0383	0.0185	
1/7/2016 13:17	0.0383	0.0185	
1/7/2016 13:16	0.038	0.0186	
1/7/2016 13:15	0.0379	0.0187	
1/7/2016 13:14	0.0377	0.0187	
1/7/2016 13:13	0.0375	0.0187	
1/7/2016 13:12	0.0372	0.0187	
1/7/2016 13:11	0.0369	0.0185	
1/7/2016 13:10	0.0364	0.0184	
1/7/2016 13:09	0.0361	0.0182	
1/7/2016 13:08	0.036	0.0181	
1/7/2016 13:07	0.0358	0.0181	
1/7/2016 13:06	0.0357	0.0181	
1/7/2016 13:05	0.0355	0.0181	
1/7/2016 13:04	0.0353	0.0181	
1/7/2016 13:03	0.0351	0.0182	
1/7/2016 13:02	0.0349	0.0184	
1/7/2016 13:01	0.0349	0.0187	
1/7/2016 13:00	0.0349	0.019	
1/7/2016 12:59	0.0349	0.0193	
1/7/2016 12:58	0.0347	0.0195	
1/7/2016 12:57	0.0349	0.02	
1/7/2016 12:56	0.0349	0.0206	
1/7/2016 12:55	0.0351	0.0212	
1/7/2016 12:54	0.0353	0.022	
1/7/2016 12:53	0.0353	0.0228	
1/7/2016 12:52	0.0354	0.0238	
1/7/2016 12:51	0.0355	0.0247	
1/7/2016 12:50	0.0357	0.0256	
1/7/2016 12:49	0.0357	0.0268	
1/7/2016 12:48	0.0359	0.028	
1/7/2016 12:47	0.0359	0.0285	
1/7/2016 12:46	0.0355	0.0291	
1/7/2016 12:45	0.0354	0.0295	
1/7/2016 12:44	0.0352	0.0299	
1/7/2016 12:43	0.0353	0.0305	
1/7/2016 12:42	0.035	0.0308	
1/7/2016 12:41	0.0349	0.0312	
1/7/2016 12:40	0.0346	0.0315	
1/7/2016 12:39	0.0343	0.0316	
1/7/2016 12:38	0.0337	0.0315	
1/7/2016 12:37	0.0333	0.0311	
1/7/2016 12:36	0.0329	0.0308	
1/7/2016 12:35	0.0324	0.0306	
1/7/2016 12:34	0.0323	0.0302	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 12:33	0.0321	0.0297	
1/7/2016 12:32	0.0318	0.0299	
1/7/2016 12:31	0.0319	0.0299	
1/7/2016 12:30	0.0317	0.0299	
1/7/2016 12:29	0.0314	0.0301	
1/7/2016 12:28	0.031	0.0302	
1/7/2016 12:27	0.0308	0.0303	
1/7/2016 12:26	0.0306	0.0302	
1/7/2016 12:25	0.0305	0.0303	
1/7/2016 12:24	0.0303	0.0305	
1/7/2016 12:23	0.0304	0.0308	
1/7/2016 12:22	0.0302	0.0311	
1/7/2016 12:21	0.0302	0.0314	
1/7/2016 12:20	0.0301	0.0316	
1/7/2016 12:19	0.0298	0.0319	
1/7/2016 12:18	0.0297	0.0324	
1/7/2016 12:17	0.0295	0.0326	
1/7/2016 12:16	0.0294	0.0331	
1/7/2016 12:15	0.0292	0.0335	
1/7/2016 12:14	0.0292	0.0336	
1/7/2016 12:13	0.0289	0.0343	
1/7/2016 12:11		0.0359	
1/7/2016 12:10	0.0282	0.0366	
1/7/2016 12:09	0.028	0.0369	
1/7/2016 12:08	0.0279	0.0375	
1/7/2016 12:07	0.0277	0.0384	
1/7/2016 12:06	0.0275	0.0391	
1/7/2016 12:05	0.0272	0.0392	
1/7/2016 12:04	0.0269	0.0394	
1/7/2016 12:03	0.0266	0.0395	
1/7/2016 12:02	0.0265	0.0401	
1/7/2016 12:01	0.0261	0.0402	
1/7/2016 12:00	0.0257	0.0401	
1/7/2016 11:59	0.0253	0.0403	
1/7/2016 11:58	0.025	0.0399	
1/7/2016 11:57	0.0248	0.0395	
1/7/2016 11:56	0.0244	0.0387	
1/7/2016 11:55	0.0241	0.0383	
1/7/2016 11:54	0.0237	0.0383	
1/7/2016 11:53	0.0231	0.0379	
1/7/2016 11:52	0.0226	0.0372	
1/7/2016 11:51	0.0219	0.0367	
1/7/2016 11:50	0.0215	0.0366	
1/7/2016 11:49	0.021	0.0365	
1/7/2016 11:48	0.0203	0.0363	
1/7/2016 11:47	0.0198	0.0356	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 11:46	0.0196	0.0355	
1/7/2016 11:45	0.0195	0.0356	
1/7/2016 11:44	0.0192	0.0355	
1/7/2016 11:43	0.019	0.0357	
1/7/2016 11:42	0.0187	0.0362	
1/7/2016 11:41	0.0187	0.0365	
1/7/2016 11:40	0.0185	0.0369	
1/7/2016 11:39	0.0185	0.0373	
1/7/2016 11:38	0.0186	0.0379	
1/7/2016 11:37	0.0187	0.0384	
1/7/2016 11:36	0.0187	0.0387	
1/7/2016 11:35	0.0185	0.0392	
1/7/2016 11:34	0.0185	0.0396	
1/7/2016 11:33	0.0184	0.0398	
1/7/2016 11:32	0.018	0.0399	
1/7/2016 11:31	0.0176	0.0398	
1/7/2016 11:30	0.0173	0.0405	
1/7/2016 11:29	0.0171	0.0411	
1/7/2016 11:28	0.0167	0.0411	
1/7/2016 11:27	0.0165	0.0411	
1/7/2016 11:26	0.0163	0.0409	
1/7/2016 11:25	0.0161	0.0407	
1/7/2016 11:24	0.0159	0.0405	
1/7/2016 11:23	0.0157	0.0403	
1/7/2016 11:22	0.0153	0.0402	
1/7/2016 11:21	0.0149	0.0401	
1/7/2016 11:20	0.0147	0.0399	
1/7/2016 11:19	0.0146	0.0397	
1/7/2016 11:18	0.0145	0.0398	
1/7/2016 11:17	0.0144	0.0401	
1/7/2016 11:16	0.0144	0.0406	
1/7/2016 11:15	0.0143	0.0401	
1/7/2016 11:14	0.0142	0.0397	
1/7/2016 11:13	0.0141	0.0396	
1/7/2016 11:12	0.0141	0.0393	
1/7/2016 11:11	0.0137	0.0391	
1/7/2016 11:10	0.0135	0.039	
1/7/2016 11:09	0.0133	0.0389	
1/7/2016 11:08	0.0131	0.0387	
1/7/2016 11:07	0.0131	0.0384	
1/7/2016 11:06	0.0132	0.0382	
1/7/2016 11:05	0.0132	0.0381	
1/7/2016 11:04	0.0132	0.038	
1/7/2016 11:03	0.0133	0.0379	
1/7/2016 11:02	0.0135	0.0375	
1/7/2016 11:01	0.0138	0.0367	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 11:00	0.0139	0.0363	
1/7/2016 10:59	0.0143	0.036	
1/7/2016 10:58	0.0147	0.0358	
1/7/2016 10:57	0.015	0.0357	
1/7/2016 10:56	0.0156	0.0355	
1/7/2016 10:55	0.0162	0.0353	
1/7/2016 10:54	0.0169	0.0348	
1/7/2016 10:53	0.0177	0.0348	
1/7/2016 10:52	0.0185	0.0347	
1/7/2016 10:49	0.02		
1/7/2016 10:48	0.0207	0.0343	
1/7/2016 10:47	0.0215	0.0343	
1/7/2016 10:46	0.0222	0.0343	
1/7/2016 10:45	0.0229	0.0343	
1/7/2016 10:44	0.0234	0.0343	
1/7/2016 10:43	0.024	0.0342	
1/7/2016 10:42	0.0245	0.0341	
1/7/2016 10:41	0.025	0.0341	
1/7/2016 10:40	0.0253	0.034	
1/7/2016 10:39	0.0255	0.0341	
1/7/2016 10:38	0.0255	0.034	
1/7/2016 10:37	0.0255	0.0339	
1/7/2016 10:36	0.0256	0.034	
1/7/2016 10:35	0.0254	0.0341	
1/7/2016 10:34	0.0252	0.0341	
1/7/2016 10:33	0.0249	0.034	
1/7/2016 10:32	0.0245	0.0339	
1/7/2016 10:31	0.024	0.0339	
1/7/2016 10:30	0.0235	0.0339	
1/7/2016 10:29	0.0228	0.0339	
1/7/2016 10:28	0.0221	0.0339	
1/7/2016 10:27	0.0214	0.0339	
1/7/2016 10:26	0.0207	0.0339	
1/7/2016 10:25	0.02	0.0339	
1/7/2016 10:24	0.0192	0.0338	
1/7/2016 10:23	0.0185		
1/7/2016 10:22	0.0177	0.0337	
1/7/2016 10:21	0.0169	0.0338	
1/7/2016 10:20	0.0161	0.0337	
1/7/2016 10:19	0.0151	0.0337	
1/7/2016 10:18	0.0143	0.0337	
1/7/2016 10:17	0.0134	0.0337	
1/7/2016 10:16	0.0125	0.0336	
1/7/2016 10:15	0.0116	0.0335	
1/7/2016 10:14	0.0107	0.0335	
1/7/2016 10:13	0.0097	0.0334	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 10:12	0.0087	0.0335	
1/7/2016 10:11	0.0077	0.0334	
1/7/2016 10:10	0.0067	0.0334	
1/7/2016 10:09	0.0059	0.0333	
1/7/2016 10:08	0.005	0.0332	
1/7/2016 10:07	0.0042	0.0331	
1/7/2016 10:06	0.0035	0.0329	
1/7/2016 10:05	0.0027	0.0327	
1/7/2016 10:04	0.0022	0.0326	
1/7/2016 10:03	0.0017	0.0325	
1/7/2016 10:02	0.0012	0.0324	
1/7/2016 10:01	0.0008	0.0322	
1/7/2016 10:00	0.0004	0.0321	
1/7/2016 9:59	0.0002	0.0322	
1/7/2016 9:58	0.0001	0.032	
1/7/2016 9:57	0.0001	0.0317	
1/7/2016 9:56	0	0.0316	
1/7/2016 9:55	0	0.0314	
1/7/2016 9:54	0	0.0312	
1/7/2016 9:53	0	0.0311	
1/7/2016 9:52	0	0.0309	
1/7/2016 9:51	0	0.0308	
1/7/2016 9:50	0	0.0306	
1/7/2016 9:49	0	0.0304	
1/7/2016 9:48	0	0.0302	
1/7/2016 9:47	0	0.03	
1/7/2016 9:46	0	0.03	
1/7/2016 9:45	0	0.0299	
1/7/2016 9:44	0	0.0295	
1/7/2016 9:43	0	0.0295	
1/7/2016 9:42	0	0.0293	
1/7/2016 9:41	0	0.0291	
1/7/2016 9:40	0	0.029	
1/7/2016 9:39	0	0.0289	
1/7/2016 9:38	0	0.0287	
1/7/2016 9:37	0	0.0284	
1/7/2016 9:36	0	0.0283	
1/7/2016 9:35	0	0.0283	
1/7/2016 9:34	0	0.0285	
1/7/2016 9:33	0	0.028	
1/7/2016 9:32			
1/6/2016 16:18	0.0419		
1/6/2016 16:17	0.0419	0.016	
1/6/2016 16:16	0.0416	0.016	
1/6/2016 16:15	0.0415	0.016	
1/6/2016 16:14	0.0415	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 16:13	0.0417	0.016	
1/6/2016 16:12	0.0417	0.016	
1/6/2016 16:11	0.0417	0.016	
1/6/2016 16:10	0.0417	0.016	
1/6/2016 16:09	0.0417	0.016	
1/6/2016 16:08	0.0416	0.016	
1/6/2016 16:07	0.0417	0.016	
1/6/2016 16:06	0.0419	0.016	
1/6/2016 16:05	0.042	0.016	
1/6/2016 16:04	0.0421	0.016	
1/6/2016 16:03	0.0424	0.016	
1/6/2016 16:02	0.0423	0.016	
1/6/2016 16:01	0.0425	0.016	
1/6/2016 16:00	0.0426	0.016	
1/6/2016 15:59	0.0423	0.016	
1/6/2016 15:58	0.0419	0.016	
1/6/2016 15:57	0.0418	0.016	
1/6/2016 15:56	0.0415	0.016	
1/6/2016 15:55	0.0416	0.016	
1/6/2016 15:54	0.0415	0.016	
1/6/2016 15:53	0.0415	0.016	
1/6/2016 15:52	0.0411	0.016	
1/6/2016 15:51	0.0407	0.016	
1/6/2016 15:47			
1/6/2016 15:46	0.0409	0.016	
1/6/2016 15:45	0.0408	0.016	
1/6/2016 15:44	0.0407	0.016	
1/6/2016 15:43	0.0405	0.016	
1/6/2016 15:42	0.0404	0.016	
1/6/2016 15:41	0.0404	0.016	
1/6/2016 15:40	0.0403	0.016	
1/6/2016 15:39	0.0403	0.016	
1/6/2016 15:38	0.0403	0.016	
1/6/2016 15:37	0.0402	0.016	
1/6/2016 15:36	0.0402	0.016	
1/6/2016 15:35	0.0402	0.016	
1/6/2016 15:34	0.0399	0.016	
1/6/2016 15:33	0.0399	0.016	
1/6/2016 15:32	0.04	0.016	
1/6/2016 15:31	0.0394	0.016	
1/6/2016 15:30	0.0393	0.016	
1/6/2016 15:29	0.0392	0.016	
1/6/2016 15:28	0.0394	0.016	
1/6/2016 15:27	0.0389	0.016	
1/6/2016 15:26	0.0386	0.016	
1/6/2016 15:25	0.0386	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 15:24	0.0377	0.016	
1/6/2016 15:23	0.0373	0.016	
1/6/2016 15:21	0.0375	0.016	
1/6/2016 15:20	0.0373	0.016	
1/6/2016 15:19	0.037	0.016	
1/6/2016 15:18	0.0365	0.016	
1/6/2016 15:17	0.0361	0.016	
1/6/2016 15:16	0.0361	0.016	
1/6/2016 15:15	0.0361	0.016	
1/6/2016 15:14	0.0357	0.016	
1/6/2016 15:13	0.0355	0.016	
1/6/2016 15:12	0.0355	0.016	
1/6/2016 15:11	0.0355	0.016	
1/6/2016 15:10	0.0354	0.016	
1/6/2016 15:09	0.0359	0.016	
1/6/2016 15:08	0.0361	0.016	
1/6/2016 15:07	0.0357	0.016	
1/6/2016 15:06	0.0358	0.016	
1/6/2016 15:05	0.0359	0.016	
1/6/2016 15:04	0.0359	0.016	
1/6/2016 15:03	0.0359	0.016	
1/6/2016 15:02	0.0361	0.016	
1/6/2016 15:01	0.0365	0.016	
1/6/2016 15:00	0.0363	0.016	
1/6/2016 14:59	0.0367	0.016	
1/6/2016 14:58	0.0369	0.016	
1/6/2016 14:57	0.0372	0.016	
1/6/2016 14:56	0.0373	0.016	
1/6/2016 14:55	0.0373	0.016	
1/6/2016 14:54	0.0374	0.016	
1/6/2016 14:53	0.0371	0.016	
1/6/2016 14:52	0.0373	0.016	
1/6/2016 14:51	0.0374	0.016	
1/6/2016 14:50	0.0374	0.016	
1/6/2016 14:49	0.0377	0.016	
1/6/2016 14:48	0.0379	0.016	
1/6/2016 14:47	0.039	0.016	
1/6/2016 14:46	0.0397	0.016	
1/6/2016 14:45	0.0415	0.016	
1/6/2016 14:44	0.0419	0.016	
1/6/2016 14:43	0.042	0.016	
1/6/2016 14:42	0.0419	0.016	
1/6/2016 14:41	0.0421	0.016	
1/6/2016 14:40	0.0418	0.016	
1/6/2016 14:39	0.0413	0.016	
1/6/2016 14:38	0.0413	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 14:37	0.0408	0.016	
1/6/2016 14:36	0.0404	0.016	
1/6/2016 14:35	0.0403	0.016	
1/6/2016 14:34	0.0401	0.016	
1/6/2016 14:33	0.0397	0.016	
1/6/2016 14:32	0.0383	0.016	
1/6/2016 14:31	0.037	0.016	
1/6/2016 14:30	0.0353	0.016	
1/6/2016 14:29	0.0347	0.016	
1/6/2016 14:28	0.0342	0.016	
1/6/2016 14:27	0.0339	0.016	
1/6/2016 14:26	0.0333	0.016	
1/6/2016 14:25	0.0331	0.016	
1/6/2016 14:24	0.0326	0.016	
1/6/2016 14:23	0.0321	0.016	
1/6/2016 14:22	0.0319	0.016	
1/6/2016 14:21	0.0318	0.016	
1/6/2016 14:20	0.0312	0.016	
1/6/2016 14:19	0.0303	0.016	
1/6/2016 14:18	0.0297	0.016	
1/6/2016 14:17	0.0292	0.016	
1/6/2016 14:16	0.0289	0.016	
1/6/2016 14:15	0.0283	0.016	
1/6/2016 14:14	0.0278	0.016	
1/6/2016 14:13	0.0275	0.016	
1/6/2016 14:12	0.027	0.016	
1/6/2016 14:11	0.0265	0.016	
1/6/2016 14:10	0.0262	0.016	
1/6/2016 14:09	0.0265	0.016	
1/6/2016 14:08	0.0265	0.016	
1/6/2016 14:07	0.0262	0.016	
1/6/2016 14:06	0.0256	0.016	
1/6/2016 14:05	0.0254	0.016	
1/6/2016 14:04	0.0255	0.016	
1/6/2016 14:03	0.0258	0.016	
1/6/2016 14:02	0.0263	0.016	
1/6/2016 14:01	0.0266	0.016	
1/6/2016 13:59		0.016	
1/6/2016 13:58	0.0265	0.016	
1/6/2016 13:57	0.0265	0.016	
1/6/2016 13:56	0.0265	0.016	
1/6/2016 13:55	0.0264	0.016	
1/6/2016 13:54	0.0263	0.016	
1/6/2016 13:53	0.0263	0.016	
1/6/2016 13:52	0.0266	0.016	
1/6/2016 13:51	0.0269	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 13:50	0.0272	0.016	
1/6/2016 13:49	0.0273	0.016	
1/6/2016 13:48	0.0272	0.016	
1/6/2016 13:47	0.0269	0.016	
1/6/2016 13:46	0.0271	0.016	
1/6/2016 13:45	0.0268	0.016	
1/6/2016 13:44	0.0271	0.016	
1/6/2016 13:43	0.0274	0.016	
1/6/2016 13:42	0.0275	0.016	
1/6/2016 13:41	0.0275	0.016	
1/6/2016 13:40	0.0275	0.016	
1/6/2016 13:39	0.0275	0.016	
1/6/2016 13:38	0.0275	0.016	
1/6/2016 13:37	0.0274	0.016	
1/6/2016 13:36	0.0275	0.016	
1/6/2016 13:33	0.0277		
1/6/2016 13:32	0.0279	0.016	
1/6/2016 13:31	0.0275	0.016	
1/6/2016 13:30	0.0275	0.016	
1/6/2016 13:29	0.0276	0.016	
1/6/2016 13:28	0.0274	0.016	
1/6/2016 13:27	0.0272	0.016	
1/6/2016 13:26	0.0272	0.016	
1/6/2016 13:25	0.0273	0.016	
1/6/2016 13:24	0.0271	0.016	
1/6/2016 13:23	0.0271	0.016	
1/6/2016 13:22	0.0271	0.016	
1/6/2016 13:21	0.027	0.016	
1/6/2016 13:20	0.0269	0.016	
1/6/2016 13:19	0.0268	0.016	
1/6/2016 13:18	0.0266	0.016	
1/6/2016 13:17	0.0263	0.016	
1/6/2016 13:16	0.0261	0.016	
1/6/2016 13:15	0.0259	0.016	
1/6/2016 13:14	0.0257	0.016	
1/6/2016 13:13	0.0254	0.016	
1/6/2016 13:12	0.0255	0.016	
1/6/2016 13:11	0.0255	0.016	
1/6/2016 13:10	0.0255	0.016	
1/6/2016 13:09	0.0255	0.016	
1/6/2016 13:08	0.0254	0.016	
1/6/2016 13:07	0.0252	0.016	
1/6/2016 13:06	0.0249	0.016	
1/6/2016 13:05	0.0249	0.016	
1/6/2016 13:04	0.0247	0.016	
1/6/2016 13:03	0.0245	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 13:02	0.0243	0.016	
1/6/2016 13:01	0.0243	0.016	
1/6/2016 13:00	0.0244	0.016	
1/6/2016 12:59	0.0242	0.016	
1/6/2016 12:58	0.0241	0.016	
1/6/2016 12:57	0.024	0.016	
1/6/2016 12:56	0.0237	0.016	
1/6/2016 12:55	0.0235	0.016	
1/6/2016 12:54	0.0233	0.016	
1/6/2016 12:53	0.0233	0.016	
1/6/2016 12:52	0.0231	0.016	
1/6/2016 12:51	0.023	0.016	
1/6/2016 12:50	0.0226	0.016	
1/6/2016 12:49	0.0224	0.016	
1/6/2016 12:48	0.0223	0.016	
1/6/2016 12:47	0.0223	0.016	
1/6/2016 12:46	0.0221	0.016	
1/6/2016 12:45	0.0219	0.016	
1/6/2016 12:44	0.0218	0.016	
1/6/2016 12:43	0.0215	0.016	
1/6/2016 12:42	0.0213	0.016	
1/6/2016 12:41	0.021	0.016	
1/6/2016 12:40	0.0207	0.016	
1/6/2016 12:39	0.0205	0.016	
1/6/2016 12:38	0.02	0.016	
1/6/2016 12:37	0.0198	0.016	
1/6/2016 12:36	0.0195	0.016	
1/6/2016 12:35	0.0194	0.016	
1/6/2016 12:34	0.0192	0.016	
1/6/2016 12:33	0.0189	0.016	
1/6/2016 12:32	0.0186	0.016	
1/6/2016 12:31	0.0183	0.016	
1/6/2016 12:30	0.0179	0.016	
1/6/2016 12:29	0.0177	0.016	
1/6/2016 12:28	0.0177	0.016	
1/6/2016 12:27	0.0175	0.016	
1/6/2016 12:26	0.0175	0.016	
1/6/2016 12:25	0.0173	0.016	
1/6/2016 12:24	0.017	0.016	
1/6/2016 12:23	0.0168	0.016	
1/6/2016 12:22	0.0166	0.016	
1/6/2016 12:21	0.0163	0.016	
1/6/2016 12:20	0.0159	0.016	
1/6/2016 12:19	0.0153	0.016	
1/6/2016 12:18	0.0148	0.016	
1/6/2016 12:17	0.0142	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 12:16	0.0139	0.016	
1/6/2016 12:15	0.0135	0.016	
1/6/2016 12:11	0.0122	0.016	
1/6/2016 12:10	0.0118	0.016	
1/6/2016 12:09	0.0116	0.016	
1/6/2016 12:08	0.0115	0.016	
1/6/2016 12:07	0.0114	0.016	
1/6/2016 12:06	0.0112	0.016	
1/6/2016 12:05	0.0109	0.016	
1/6/2016 12:04	0.0107	0.016	
1/6/2016 12:03	0.0103	0.016	
1/6/2016 12:02	0.0103	0.016	
1/6/2016 12:01	0.0099	0.016	
1/6/2016 12:00	0.0097	0.016	
1/6/2016 11:59	0.0094	0.016	
1/6/2016 11:58	0.0093	0.016	
1/6/2016 11:57	0.0089	0.016	
1/6/2016 11:56	0.0088	0.016	
1/6/2016 11:55	0.0084	0.016	
1/6/2016 11:54	0.0079	0.016	
1/6/2016 11:53	0.0072	0.016	
1/6/2016 11:52	0.0066	0.016	
1/6/2016 11:51	0.0061	0.016	
1/6/2016 11:50	0.0056	0.016	
1/6/2016 11:49	0.0054	0.016	
1/6/2016 11:48	0.005	0.016	
1/6/2016 11:47	0.0044	0.016	
1/6/2016 11:46			
1/6/2016 11:45	0.0036	0.016	
1/6/2016 11:44	0.0031	0.016	
1/6/2016 11:43	0.0028	0.016	
1/6/2016 11:42	0.0024	0.016	
1/6/2016 11:41	0.0019	0.016	
1/6/2016 11:40	0.0017	0.016	
1/6/2016 11:39	0.0013	0.016	
1/6/2016 11:38	0.001	0.016	
1/6/2016 11:37	0.0007	0.016	
1/6/2016 11:36	0.0005	0.016	
1/6/2016 11:35	0.0003	0.016	
1/6/2016 11:34	0.0001	0.016	
1/6/2016 11:33	0	0.016	
1/6/2016 11:32	0	0.016	
1/6/2016 11:31	0	0.016	
1/6/2016 11:30	0	0.016	
1/6/2016 11:29	0	0.016	
1/6/2016 11:28	0	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 11:27	0	0.016	
1/6/2016 11:26	0	0.016	
1/6/2016 11:25	0	0.016	
1/6/2016 11:24	0	0.016	
1/6/2016 11:23	0	0.016	
1/6/2016 11:22	0	0.016	
1/6/2016 11:21	0	0.016	
1/6/2016 11:20	0	0.016	
1/6/2016 11:19	0	0.016	
1/6/2016 11:18	0	0.016	
1/6/2016 11:17	0	0.016	
1/6/2016 11:16	0	0.016	
1/6/2016 11:15	0	0.016	
1/6/2016 11:14	0	0.016	
1/6/2016 11:13	0	0.016	
1/6/2016 11:12	0	0.016	
1/6/2016 11:11	0	0.016	
1/6/2016 11:10	0	0.016	
1/6/2016 11:09	0	0.016	
1/6/2016 11:08	0	0.016	
1/6/2016 11:07	0	0.016	
1/6/2016 11:06	0	0.016	
1/6/2016 11:05	0	0.016	
1/6/2016 11:04	0	0.016	
1/6/2016 11:03	0	0.016	
1/6/2016 11:02	0	0.016	
1/6/2016 11:01	0	0.016	
1/6/2016 11:00	0	0.016	
1/6/2016 10:59	0	0.016	
1/6/2016 10:58	0	0.016	
1/6/2016 10:57	0	0.016	
1/6/2016 10:56	0	0.016	
1/6/2016 10:55	0	0.016	
1/6/2016 10:54	0	0.016	
1/6/2016 10:53	0	0.016	
1/6/2016 10:52	0	0.016	
1/6/2016 10:51	0	0.016	
1/6/2016 10:50	0	0.016	
1/6/2016 10:49	0	0.016	
1/6/2016 10:48	0	0.016	
1/6/2016 10:47	0	0.016	
1/6/2016 10:46	0	0.016	
1/6/2016 10:45	0.0001	0.016	
1/6/2016 10:44	0.0002	0.016	
1/6/2016 10:43	0.0003	0.016	
1/6/2016 10:42	0.0004	0.016	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 10:41	0.0005	0.016	
1/6/2016 10:40	0.0005	0.016	
1/6/2016 10:39	0.0005	0.016	
1/6/2016 10:38	0.0006	0.016	
1/6/2016 10:37	0.0006	0.016	
1/6/2016 10:36	0.0006	0.016	
1/6/2016 10:35	0.0006	0.016	
1/6/2016 10:34	0.0006	0.0161	
1/6/2016 10:33	0.0006	0.0162	
1/6/2016 10:32	0.0006	0.0162	
1/6/2016 10:31	0.0006	0.0162	
1/6/2016 10:30	0.0005	0.0161	
1/6/2016 10:29	0.0003	0.0161	
1/6/2016 10:28	0.0002	0.0162	
1/6/2016 10:27	0.0001	0.0163	
1/6/2016 10:23	0	0.0169	
1/6/2016 10:22	0	0.017	
1/6/2016 10:21	0	0.0171	
1/6/2016 10:20	0	0.0172	
1/6/2016 10:19	0	0.0172	
1/6/2016 10:18	0	0.0172	
1/6/2016 10:17	0	0.0173	
1/6/2016 10:16	0	0.0175	
1/6/2016 10:15	0	0.0179	
1/6/2016 10:14	0	0.0182	
1/6/2016 10:13	0	0.0184	
1/6/2016 10:12	0	0.0187	
1/6/2016 10:11	0	0.019	
1/6/2016 10:10	0	0.0195	
1/6/2016 10:09		0.019	
1/5/2016 15:09			
1/5/2016 15:08			
1/5/2016 15:07			
1/5/2016 15:06			
1/5/2016 15:05			
1/5/2016 15:04			
1/5/2016 15:03			
1/5/2016 15:02			
1/5/2016 15:01			
1/5/2016 15:00			
1/5/2016 14:59			
1/5/2016 14:58			
1/5/2016 14:57			
1/5/2016 14:56			
1/5/2016 14:55			
1/5/2016 14:54			

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 14:53			
1/5/2016 14:52	0.0385		
1/5/2016 14:51	0.0386		
1/5/2016 14:50	0.0388		
1/5/2016 14:49			
1/5/2016 14:48	0.0389		
1/5/2016 14:47	0.0387		
1/5/2016 14:46	0.0388		
1/5/2016 14:45	0.0387		
1/5/2016 14:44	0.0387		
1/5/2016 14:43			
1/5/2016 14:42	0.0387		
1/5/2016 14:41			
1/5/2016 14:40	0.0383		
1/5/2016 14:39	0.0383		
1/5/2016 14:38	0.0387		
1/5/2016 14:37	0.0388		
1/5/2016 14:36	0.0385		
1/5/2016 14:35	0.038		
1/5/2016 14:34	0.0378		
1/5/2016 14:33	0.0377		
1/5/2016 14:32	0.0375		
1/5/2016 14:31	0.0376		
1/5/2016 14:30	0.0378		
1/5/2016 14:29	0.0382		
1/5/2016 14:26	0.0389		
1/5/2016 14:25	0.0393		
1/5/2016 14:24	0.0396		
1/5/2016 14:23	0.0397		
1/5/2016 14:22	0.0397		
1/5/2016 14:21	0.0405		
1/5/2016 14:20	0.0406		
1/5/2016 14:19	0.0407		
1/5/2016 14:18	0.0411		
1/5/2016 14:17	0.0411		
1/5/2016 14:16	0.0409		
1/5/2016 14:15	0.0406		
1/5/2016 14:14	0.0401		
1/5/2016 14:13	0.0395		
1/5/2016 14:12	0.0393		
1/5/2016 14:11	0.0387		
1/5/2016 14:10	0.0381		
1/5/2016 14:09	0.0383		
1/5/2016 14:08	0.0377		
1/5/2016 14:07	0.0372		
1/5/2016 14:06	0.0363		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 14:05	0.036		
1/5/2016 14:04	0.0357		
1/5/2016 14:03	0.0353		
1/5/2016 14:02	0.0351		
1/5/2016 14:01	0.0353		
1/5/2016 14:00	0.0354		
1/5/2016 13:59	0.0353		
1/5/2016 13:58	0.0355		
1/5/2016 13:57	0.0355		
1/5/2016 13:56	0.0354		
1/5/2016 13:55	0.0352		
1/5/2016 13:54	0.0345		
1/5/2016 13:53	0.0344		
1/5/2016 13:52	0.0344		
1/5/2016 13:51	0.0345	0.014	
1/5/2016 13:50	0.0345	0.0147	
1/5/2016 13:49	0.0348	0.0155	
1/5/2016 13:48	0.0348	0.0146	
1/5/2016 13:47	0.035	0.0121	
1/5/2016 13:46	0.0349	0.0115	
1/5/2016 13:45	0.0347	0.0122	
1/5/2016 13:44	0.0348	0.0127	
1/5/2016 13:43	0.035	0.0133	
1/5/2016 13:42	0.0351	0.0137	
1/5/2016 13:41	0.0352	0.0137	
1/5/2016 13:40	0.0353	0.0136	
1/5/2016 13:39	0.0354	0.0137	
1/5/2016 13:38	0.0356	0.0137	
1/5/2016 13:35	0.0357	0.0137	
1/5/2016 13:34	0.0357	0.0137	
1/5/2016 13:33	0.0355	0.0137	
1/5/2016 13:32	0.0353	0.0137	
1/5/2016 13:31	0.0353	0.0137	
1/5/2016 13:30	0.0353	0.0137	
1/5/2016 13:29	0.0351	0.0137	
1/5/2016 13:28	0.0347	0.0137	
1/5/2016 13:27	0.0345	0.0136	
1/5/2016 13:26	0.0341	0.0135	
1/5/2016 13:25	0.034	0.0135	
1/5/2016 13:24	0.0337	0.0135	
1/5/2016 13:23	0.0335	0.0135	
1/5/2016 13:22	0.0332	0.0134	
1/5/2016 13:21	0.0329	0.0134	
1/5/2016 13:20	0.0325	0.0133	
1/5/2016 13:19	0.0323	0.0134	
1/5/2016 13:18	0.0323	0.0137	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 13:17	0.0321	0.0138	
1/5/2016 13:16	0.0319	0.014	
1/5/2016 13:15	0.0317	0.014	
1/5/2016 13:14	0.0315	0.014	
1/5/2016 13:13	0.0313	0.014	
1/5/2016 13:12	0.0311	0.014	
1/5/2016 13:11	0.031	0.014	
1/5/2016 13:10	0.0309	0.014	
1/5/2016 13:09	0.0308	0.0139	
1/5/2016 13:08	0.0307	0.0138	
1/5/2016 13:07	0.0306	0.0139	
1/5/2016 13:06	0.0305	0.0139	
1/5/2016 13:05	0.0305	0.0141	
1/5/2016 13:04	0.0303	0.0142	
1/5/2016 13:03	0.0301		
1/5/2016 13:02	0.0299	0.0139	
1/5/2016 13:01	0.0297	0.0136	
1/5/2016 13:00	0.0296	0.0135	
1/5/2016 12:59	0.0295	0.0134	
1/5/2016 12:58	0.0295	0.0133	
1/5/2016 12:57	0.0295	0.0134	
1/5/2016 12:56	0.0295	0.0134	
1/5/2016 12:55	0.0295	0.0135	
1/5/2016 12:54	0.0295	0.0135	
1/5/2016 12:53	0.0294	0.0135	
1/5/2016 12:52	0.0292	0.0134	
1/5/2016 12:51	0.0291	0.0134	
1/5/2016 12:50	0.029	0.0133	
1/5/2016 12:49	0.0288	0.0132	
1/5/2016 12:48	0.0288	0.0132	
1/5/2016 12:47	0.0288	0.0132	
1/5/2016 12:46	0.0287	0.0132	
1/5/2016 12:45	0.0285	0.0132	
1/5/2016 12:44	0.0284	0.0133	
1/5/2016 12:43	0.0283	0.0135	
1/5/2016 12:42	0.0281	0.0135	
1/5/2016 12:41	0.0278	0.0135	
1/5/2016 12:40	0.0275	0.0135	
1/5/2016 12:39	0.0272	0.0136	
1/5/2016 12:38	0.0269	0.0137	
1/5/2016 12:37	0.0269	0.0139	
1/5/2016 12:36	0.0266	0.0139	
1/5/2016 12:35	0.0263	0.0139	
1/5/2016 12:34	0.0262	0.0139	
1/5/2016 12:33	0.0259	0.0139	
1/5/2016 12:32	0.0256	0.0139	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 12:31	0.0254	0.0139	
1/5/2016 12:30	0.0254	0.014	
1/5/2016 12:29	0.0251	0.014	
1/5/2016 12:28	0.0249	0.0141	
1/5/2016 12:27	0.0246	0.0141	
1/5/2016 12:26	0.0245	0.0141	
1/5/2016 12:25	0.0242	0.0141	
1/5/2016 12:24	0.0239	0.0141	
1/5/2016 12:23	0.0236	0.0141	
1/5/2016 12:22	0.0232	0.0141	
1/5/2016 12:21	0.0231	0.0141	
1/5/2016 12:20	0.023	0.0141	
1/5/2016 12:19	0.0226	0.0141	
1/5/2016 12:18	0.0226	0.0141	
1/5/2016 12:17	0.0222	0.0141	
1/5/2016 12:16	0.0218	0.0141	
1/5/2016 12:15	0.0212	0.014	
1/5/2016 12:14	0.0207	0.014	
1/5/2016 12:13	0.0204	0.0139	
1/5/2016 12:12	0.0199	0.0138	
1/5/2016 12:11	0.0194	0.0138	
1/5/2016 12:10	0.0191	0.0138	
1/5/2016 12:09	0.0187	0.0138	
1/5/2016 12:08	0.0184	0.0137	
1/5/2016 12:06			
1/5/2016 12:05	0.0178	0.0136	
1/5/2016 12:04	0.0175	0.0135	
1/5/2016 12:03	0.0172	0.0135	
1/5/2016 12:02	0.0169	0.0134	
1/5/2016 12:01	0.0165	0.0133	
1/5/2016 12:00	0.0163	0.0133	
1/5/2016 11:59	0.016	0.0133	
1/5/2016 11:58	0.0157	0.0132	
1/5/2016 11:57	0.0152	0.0132	
1/5/2016 11:56	0.015	0.0131	
1/5/2016 11:55	0.0148	0.0131	
1/5/2016 11:54	0.0149	0.0131	
1/5/2016 11:53	0.0148	0.0131	
1/5/2016 11:52	0.0147	0.0131	
1/5/2016 11:51	0.0143	0.0131	
1/5/2016 11:50	0.0136	0.0131	
1/5/2016 11:49	0.0129	0.0131	
1/5/2016 11:48	0.0121	0.0131	
1/5/2016 11:47	0.0115	0.0131	
1/5/2016 11:46	0.0109	0.0131	
1/5/2016 11:45	0.0101	0.0131	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 11:44	0.0095	0.0131	
1/5/2016 11:43	0.0087	0.013	
1/5/2016 11:42	0.0081	0.0129	
1/5/2016 11:41	0.0074	0.0129	
1/5/2016 11:40	0.0072	0.0128	
1/5/2016 11:39	0.0065	0.0127	
1/5/2016 11:38	0.0056	0.0126	
1/5/2016 11:37	0.0047	0.0125	
1/5/2016 11:36	0.0041	0.0125	
1/5/2016 11:35	0.0037	0.0125	
1/5/2016 11:34	0.0033	0.0125	
1/5/2016 11:33	0.0029	0.0124	
1/5/2016 11:32	0.0025	0.0123	
1/5/2016 11:31	0.0022	0.0123	
1/5/2016 11:30	0.0019	0.0122	
1/5/2016 11:29	0.0016	0.0122	
1/5/2016 11:28	0.0016	0.0122	
1/5/2016 11:27	0.0015	0.0122	
1/5/2016 11:26	0.0013	0.0122	
1/5/2016 11:25	0.0006	0.0122	
1/5/2016 11:24	0.0001	0.0122	
1/5/2016 11:23	0.0001	0.0122	
1/5/2016 11:22	0	0.0122	
1/5/2016 11:21	0	0.0121	
1/5/2016 11:20	0	0.0121	
1/5/2016 11:19	0	0.012	
1/5/2016 11:18	0	0.012	
1/5/2016 11:17	0	0.0122	
1/5/2016 11:16	0	0.0122	
1/5/2016 11:15	0	0.0122	
1/5/2016 11:14			
1/5/2016 11:13	0	0.0122	
1/5/2016 11:12	0	0.0121	
1/5/2016 11:11	0	0.0121	
1/5/2016 11:10	0	0.0121	
1/5/2016 11:09	0	0.0121	
1/5/2016 11:08	0	0.012	
1/5/2016 11:07	0	0.0119	
1/5/2016 11:06	0	0.0119	
1/5/2016 11:05	0	0.0118	
1/5/2016 11:04	0	0.0119	
1/5/2016 11:03	0	0.0118	
1/5/2016 11:02	0	0.0116	
1/5/2016 11:01	0	0.0116	
1/5/2016 11:00	0	0.0116	
1/5/2016 10:59	0	0.0116	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 10:58	0	0.0116	
1/5/2016 10:57	0	0.0116	
1/5/2016 10:56	0	0.0116	
1/5/2016 10:55	0	0.0115	
1/5/2016 10:54	0	0.0115	
1/5/2016 10:53	0	0.0115	
1/5/2016 10:52	0	0.0115	
1/5/2016 10:51	0	0.0115	
1/5/2016 10:50	0	0.0115	
1/5/2016 10:49	0	0.0114	
1/5/2016 10:48	0	0.0114	
1/5/2016 10:47	0	0.0115	
1/5/2016 10:46	0	0.0114	
1/5/2016 10:45	0	0.0113	
1/5/2016 10:44	0	0.0113	
1/5/2016 10:43	0	0.0112	
1/5/2016 10:42	0	0.0111	
1/5/2016 10:41	0	0.011	
1/5/2016 10:40	0	0.011	
1/5/2016 10:39	0	0.0109	
1/5/2016 10:38	0	0.0109	
1/5/2016 10:37	0	0.0109	
1/5/2016 10:36	0	0.0109	
1/5/2016 10:35	0	0.0109	
1/5/2016 10:34	0	0.0109	
1/5/2016 10:33	0	0.0109	
1/5/2016 10:32	0	0.0107	
1/5/2016 10:31	0	0.0107	
1/5/2016 10:30	0	0.0106	
1/5/2016 10:29	0	0.0106	
1/5/2016 10:28	0	0.0105	
1/5/2016 10:27	0	0.0106	
1/5/2016 10:26	0	0.0107	
1/5/2016 10:25	0	0.0107	
1/5/2016 10:24	0	0.011	
1/5/2016 10:23	0	0.011	
12/31/2015 15:15		0.0099	
12/31/2015 15:14	0.0577	0.0099	
12/31/2015 15:13	0.0575	0.0099	
12/31/2015 15:12	0.0575	0.0099	
12/31/2015 15:11	0.0574	0.0099	
12/31/2015 15:09	0.0573	0.0097	
12/31/2015 15:08	0.0573	0.0097	
12/31/2015 15:07	0.0571	0.0096	
12/31/2015 15:06	0.0571	0.0095	
12/31/2015 15:05	0.0569	0.0095	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 15:04	0.0569	0.0094	
12/31/2015 15:03	0.0567	0.0093	
12/31/2015 15:02	0.0567	0.0093	
12/31/2015 15:01	0.0565	0.0092	
12/31/2015 15:00	0.0564	0.0091	
12/31/2015 14:59	0.0563	0.009	
12/31/2015 14:58	0.0563	0.0089	
12/31/2015 14:57	0.0561	0.0088	
12/31/2015 14:56	0.0561	0.0087	
12/31/2015 14:55	0.0559	0.0087	
12/31/2015 14:54	0.0559	0.0087	
12/31/2015 14:53	0.0559	0.0087	
12/31/2015 14:52	0.0558	0.0087	
12/31/2015 14:51	0.0557	0.0087	
12/31/2015 14:50	0.0558	0.0087	
12/31/2015 14:49	0.0558	0.0086	
12/31/2015 14:48	0.0557	0.0086	
12/31/2015 14:47	0.0557	0.0085	
12/31/2015 14:46	0.0559	0.0085	
12/31/2015 14:45	0.0559	0.0085	
12/31/2015 14:44	0.0558	0.0084	
12/31/2015 14:43	0.0557	0.0084	
12/31/2015 14:42	0.0558	0.0084	
12/31/2015 14:41	0.0557	0.0084	
12/31/2015 14:40	0.0557	0.0084	
12/31/2015 14:39	0.0556	0.0083	
12/31/2015 14:38	0.0556	0.0083	
12/31/2015 14:37	0.0562	0.0083	
12/31/2015 14:36	0.0562	0.0083	
12/31/2015 14:35	0.0559	0.0082	
12/31/2015 14:34	0.0559	0.0082	
12/31/2015 14:33	0.0559	0.0081	
12/31/2015 14:32	0.0557	0.0081	
12/31/2015 14:31	0.0554	0.0081	
12/31/2015 14:30	0.0553	0.0081	
12/31/2015 14:29	0.0553	0.0081	
12/31/2015 14:28	0.0551	0.0081	
12/31/2015 14:27	0.0551	0.0081	
12/31/2015 14:26	0.0553	0.0081	
12/31/2015 14:25	0.0554	0.0081	
12/31/2015 14:24	0.0554	0.0081	
12/31/2015 14:23	0.0555	0.0081	
12/31/2015 14:22	0.055	0.008	
12/31/2015 14:21	0.0549	0.008	
12/31/2015 14:20	0.0551	0.008	
12/31/2015 14:19	0.0551	0.008	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 14:18	0.0551	0.008	
12/31/2015 14:17	0.0553	0.008	
12/31/2015 14:16	0.0553	0.0079	
12/31/2015 14:15	0.0552	0.0079	
12/31/2015 14:14	0.0553	0.0079	
12/31/2015 14:13	0.0553	0.0078	
12/31/2015 14:12	0.055	0.0077	
12/31/2015 14:11	0.0547	0.0077	
12/31/2015 14:10	0.0545	0.0076	
12/31/2015 14:09	0.0543	0.0075	
12/31/2015 14:08	0.0539	0.0075	
12/31/2015 14:07	0.0537	0.0073	
12/31/2015 14:06	0.0538	0.0073	
12/31/2015 14:05	0.0535	0.0071	
12/31/2015 14:04	0.0533	0.007	
12/31/2015 14:03	0.0531	0.0069	
12/31/2015 14:02	0.0529	0.0069	
12/31/2015 14:01	0.0527	0.0068	
12/31/2015 14:00	0.0526	0.0067	
12/31/2015 13:59	0.0525	0.0066	
12/31/2015 13:58	0.0525	0.0065	
12/31/2015 13:57	0.0526	0.0065	
12/31/2015 13:56	0.0527	0.0064	
12/31/2015 13:55	0.0527	0.0064	
12/31/2015 13:54	0.0527	0.0063	
12/31/2015 13:53	0.0529	0.0062	
12/31/2015 13:52	0.0528	0.0062	
12/31/2015 13:51	0.0527	0.0061	
12/31/2015 13:50	0.0526	0.0061	
12/31/2015 13:49	0.0525	0.0061	
12/31/2015 13:48	0.0525	0.0061	
12/31/2015 13:47	0.0525	0.006	
12/31/2015 13:46	0.0525	0.006	
12/31/2015 13:45	0.0525	0.006	
12/31/2015 13:44	0.0524	0.006	
12/31/2015 13:43	0.0523	0.006	
12/31/2015 13:42	0.0522		
12/31/2015 13:41	0.0521	0.006	
12/31/2015 13:40	0.052	0.006	
12/31/2015 13:39	0.0517	0.006	
12/31/2015 13:38	0.0518	0.006	
12/31/2015 13:37	0.0517	0.006	
12/31/2015 13:36	0.0516	0.006	
12/31/2015 13:35	0.0517	0.006	
12/31/2015 13:34	0.0517	0.006	
12/31/2015 13:33	0.0516	0.006	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 13:32	0.0514	0.006	
12/31/2015 13:31	0.0514	0.0061	
12/31/2015 13:30	0.0515	0.0061	
12/31/2015 13:29	0.0513	0.0061	
12/31/2015 13:28	0.0512	0.0061	
12/31/2015 13:27	0.0511	0.0061	
12/31/2015 13:26	0.0509	0.0061	
12/31/2015 13:25	0.0511	0.0061	
12/31/2015 13:24	0.0512	0.0061	
12/31/2015 13:23	0.051	0.0061	
12/31/2015 13:22	0.0511	0.0061	
12/31/2015 13:21	0.051	0.0061	
12/31/2015 13:20	0.0509	0.0061	
12/31/2015 13:19	0.0508	0.0061	
12/31/2015 13:18	0.0508	0.0061	
12/31/2015 13:17	0.0509	0.0061	
12/31/2015 13:16	0.0509	0.006	
12/31/2015 13:15	0.0508	0.006	
12/31/2015 13:14	0.0509	0.006	
12/31/2015 13:13	0.0509	0.0061	
12/31/2015 13:12	0.0509	0.006	
12/31/2015 13:11	0.051	0.006	
12/31/2015 13:10	0.0507	0.006	
12/31/2015 13:09	0.0506	0.006	
12/31/2015 13:08	0.0506	0.006	
12/31/2015 13:07	0.0507	0.006	
12/31/2015 13:06	0.0509	0.006	
12/31/2015 13:05	0.0509	0.006	
12/31/2015 13:04	0.0509	0.006	
12/31/2015 13:03	0.0508	0.006	
12/31/2015 13:02	0.0508	0.006	
12/31/2015 13:01	0.0507	0.006	
12/31/2015 13:00	0.0508	0.006	
12/31/2015 12:59	0.0508	0.006	
12/31/2015 12:58	0.0509	0.0059	
12/31/2015 12:57	0.0511	0.006	
12/31/2015 12:56	0.0511	0.006	
12/31/2015 12:55	0.0513	0.006	
12/31/2015 12:54	0.0516	0.006	
12/31/2015 12:53	0.0518	0.006	
12/31/2015 12:52	0.052	0.006	
12/31/2015 12:51	0.0523	0.006	
12/31/2015 12:50	0.0531	0.006	
12/31/2015 12:49	0.0609	0.0071	
12/31/2015 12:48	0.061	0.0071	
12/31/2015 12:47	0.0611	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 12:46	0.0611	0.0071	
12/31/2015 12:45	0.0611	0.0071	
12/31/2015 12:44	0.0611	0.0071	
12/31/2015 12:43	0.0612	0.0071	
12/31/2015 12:42	0.0609	0.0071	
12/31/2015 12:41	0.0609	0.0071	
12/31/2015 12:40	0.0607	0.0071	
12/31/2015 12:39	0.0604	0.0071	
12/31/2015 12:38	0.0602	0.0071	
12/31/2015 12:37	0.0599	0.0071	
12/31/2015 12:36	0.0593	0.0071	
12/31/2015 12:35	0.0587	0.0071	
12/31/2015 12:34	0.051	0.006	
12/31/2015 12:33	0.0509	0.006	
12/31/2015 12:32	0.051	0.006	
12/31/2015 12:31	0.0513	0.006	
12/31/2015 12:30	0.0513	0.006	
12/31/2015 12:29	0.0512	0.006	
12/31/2015 12:28	0.0511	0.0059	
12/31/2015 12:27	0.051	0.0058	
12/31/2015 12:26	0.0508	0.0058	
12/31/2015 12:25	0.0508	0.0057	
12/31/2015 12:24	0.0509	0.0056	
12/31/2015 12:23	0.0508	0.0055	
12/31/2015 12:22	0.0508	0.0055	
12/31/2015 12:21	0.0509	0.0055	
12/31/2015 12:20	0.0508	0.0055	
12/31/2015 12:19	0.0507	0.0055	
12/31/2015 12:18	0.0508	0.0055	
12/31/2015 12:17	0.0507	0.0056	
12/31/2015 12:15			
12/31/2015 12:14	0.0505	0.0058	
12/31/2015 12:13	0.0503	0.0059	
12/31/2015 12:12	0.0503	0.0059	
12/31/2015 12:11	0.0503	0.006	
12/31/2015 12:10	0.0502	0.0061	
12/31/2015 12:09	0.0501	0.0061	
12/31/2015 12:08	0.0499	0.0062	
12/31/2015 12:07	0.0498	0.0062	
12/31/2015 12:06	0.0495	0.0062	
12/31/2015 12:05	0.0495	0.0063	
12/31/2015 12:04	0.0494	0.0062	
12/31/2015 12:03	0.0489	0.0062	
12/31/2015 12:02	0.0487	0.0061	
12/31/2015 12:01	0.0482	0.0061	
12/31/2015 12:00	0.048	0.006	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 11:59	0.0475	0.006	
12/31/2015 11:58	0.0475	0.006	
12/31/2015 11:57	0.0471	0.006	
12/31/2015 11:56	0.0469	0.006	
12/31/2015 11:55	0.0468	0.006	
12/31/2015 11:54	0.0465	0.006	
12/31/2015 11:53	0.0463	0.006	
12/31/2015 11:52	0.0461	0.006	
12/31/2015 11:51	0.0462	0.006	
12/31/2015 11:50	0.0461	0.006	
12/31/2015 11:49	0.0458	0.006	
12/31/2015 11:48	0.0457	0.0059	
12/31/2015 11:47	0.0455	0.0059	
12/31/2015 11:46	0.0452	0.0059	
12/31/2015 11:45	0.0451	0.0059	
12/31/2015 11:44	0.0453	0.0059	
12/31/2015 11:43	0.0451	0.0059	
12/31/2015 11:42	0.0453	0.0059	
12/31/2015 11:41	0.0453	0.0059	
12/31/2015 11:40	0.0452	0.0059	
12/31/2015 11:39	0.0452	0.0059	
12/31/2015 11:38	0.0447	0.0059	
12/31/2015 11:37	0.0446	0.0059	
12/31/2015 11:36	0.0443	0.0059	
12/31/2015 11:35	0.0439	0.0059	
12/31/2015 11:34	0.0436	0.0059	
12/31/2015 11:33	0.0435	0.006	
12/31/2015 11:32	0.0433	0.006	
12/31/2015 11:31	0.0433	0.006	
12/31/2015 11:30	0.043	0.006	
12/31/2015 11:29	0.0427	0.006	
12/31/2015 11:28	0.0425	0.006	
12/31/2015 11:27	0.0423	0.006	
12/31/2015 11:26	0.042	0.006	
12/31/2015 11:25	0.0415	0.006	
12/31/2015 11:24	0.0415	0.0061	
12/31/2015 11:23	0.0417	0.0061	
12/31/2015 11:22	0.0416	0.0061	
12/31/2015 11:21	0.0415	0.0061	
12/31/2015 11:20	0.0414	0.0062	
12/31/2015 11:19	0.0413	0.0063	
12/31/2015 11:18	0.0412	0.0063	
12/31/2015 11:17	0.0413	0.0065	
12/31/2015 11:16	0.041	0.0066	
12/31/2015 11:15	0.041	0.0067	
12/31/2015 11:14	0.041	0.0067	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 11:13	0.0409	0.0068	
12/31/2015 11:12	0.0405	0.0069	
12/31/2015 11:11	0.0403	0.0069	
12/31/2015 11:10	0.0404	0.007	
12/31/2015 11:09	0.0402	0.0071	
12/31/2015 11:08	0.04	0.0071	
12/31/2015 11:07	0.0398	0.0073	
12/31/2015 11:06	0.0397	0.0073	
12/31/2015 11:05	0.0396	0.0074	
12/31/2015 11:04	0.0397	0.0075	
12/31/2015 11:03	0.0397	0.0075	
12/31/2015 11:02	0.0393	0.0075	
12/31/2015 11:01	0.0392	0.0075	
12/31/2015 11:00	0.0389	0.0075	
12/31/2015 10:59	0.039	0.0076	
12/31/2015 10:58	0.0388	0.0077	
12/31/2015 10:57	0.0389	0.0077	
12/31/2015 10:56	0.0389	0.0078	
12/31/2015 10:55	0.0387	0.0079	
12/31/2015 10:54	0.0388	0.0079	
12/31/2015 10:53	0.0387	0.0079	
12/31/2015 10:52	0.0387	0.0079	
12/31/2015 10:51	0.0387	0.0079	
12/31/2015 10:50	0.0386	0.0079	
12/31/2015 10:49	0.0385	0.0079	
12/31/2015 10:48	0.0385	0.0079	
12/31/2015 10:47	0.0385	0.0079	
12/31/2015 10:46	0.0385	0.0079	
12/31/2015 10:45	0.0387	0.0081	
12/31/2015 10:44	0.0386	0.0081	
12/31/2015 10:43	0.0388	0.0081	
12/31/2015 10:42	0.0387	0.0081	
12/31/2015 10:41	0.0387	0.0081	
12/31/2015 10:40	0.0389	0.0081	
12/31/2015 10:39	0.0387	0.0081	
12/31/2015 10:38	0.0387	0.0081	
12/31/2015 10:37	0.0386	0.0081	
12/31/2015 10:36	0.0385	0.0081	
12/31/2015 10:35	0.0385	0.0081	
12/31/2015 10:34	0.0383	0.0081	
12/31/2015 10:33	0.0385	0.008	
12/31/2015 10:32	0.0383	0.008	
12/31/2015 10:31	0.0381	0.0079	
12/31/2015 10:30	0.0378	0.0078	
12/31/2015 10:29	0.0374	0.0077	
12/31/2015 10:28	0.037	0.0077	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 10:27	0.0367	0.0076	
12/31/2015 10:26	0.0364	0.0075	
12/31/2015 10:25	0.0358	0.0075	
12/31/2015 10:24	0.0355	0.0074	
12/31/2015 10:23	0.0351	0.0073	
12/31/2015 10:22	0.0347	0.0073	
12/31/2015 10:21	0.0343	0.0071	
12/31/2015 10:20	0.0338	0.0071	
12/31/2015 10:19	0.0335	0.007	
12/31/2015 10:18	0.0327	0.007	
12/31/2015 10:17	0.0323	0.0069	
12/31/2015 10:16	0.0319	0.0069	
12/31/2015 10:15	0.0314	0.0068	
12/31/2015 10:14	0.0309	0.0068	
12/31/2015 10:13	0.0305	0.0067	
12/31/2015 10:12	0.0301	0.0067	
12/31/2015 10:11	0.0297	0.0067	
12/31/2015 10:10	0.0293	0.0066	
12/31/2015 10:09	0.0288	0.0065	
12/31/2015 10:08	0.0281	0.0065	
12/31/2015 10:07	0.0277	0.0065	
12/31/2015 10:06	0.0273	0.0065	
12/31/2015 10:05	0.027	0.0065	
12/31/2015 10:04	0.0265	0.0065	
12/31/2015 10:03	0.026	0.0065	
12/31/2015 10:02	0.0256	0.0064	
12/31/2015 10:01	0.0251	0.0064	
12/31/2015 10:00	0.0246	0.0065	
12/31/2015 9:59	0.024	0.0065	
12/31/2015 9:58	0.0236	0.0066	
12/31/2015 9:57	0.023	0.0066	
12/31/2015 9:56	0.0226	0.0067	
12/31/2015 9:55	0.0221	0.0068	
12/31/2015 9:54	0.0217	0.0069	
12/31/2015 9:53	0.0214	0.0069	
12/31/2015 9:52	0.0209	0.007	
12/31/2015 9:50	0.0199	0.0071	
12/31/2015 9:49	0.0193	0.0071	
12/31/2015 9:48	0.0187	0.0071	
12/31/2015 9:47	0.0182	0.0071	
12/31/2015 9:46	0.0175	0.0071	
12/31/2015 9:45	0.0171	0.0071	
12/31/2015 9:44	0.0167	0.007	
12/31/2015 9:43	0.016	0.007	
12/31/2015 9:42	0.0153	0.0069	
12/31/2015 9:41	0.0147	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 9:40	0.0142	0.0069	
12/31/2015 9:39	0.0134	0.0069	
12/31/2015 9:38	0.0127	0.0068	
12/31/2015 9:37	0.0122	0.0066	
12/31/2015 9:36	0.012	0.0066	
12/31/2015 9:35	0.0116	0.0065	
12/31/2015 9:34	0.0108	0.0065	
12/31/2015 9:33	0.0101	0.0064	
12/31/2015 9:32	0.0092	0.0063	
12/31/2015 9:31	0.0085	0.0063	
12/31/2015 9:30	0.0075	0.0063	
12/31/2015 9:29	0.0067	0.0064	
12/31/2015 9:28	0.0058	0.0063	
12/31/2015 9:27	0.0051	0.0063	
12/31/2015 9:26	0.0042	0.0063	
12/31/2015 9:25	0.0034	0.0063	
12/31/2015 9:24	0.0028	0.0063	
12/31/2015 9:23	0.0021	0.0063	
12/31/2015 9:20	0.0012		
12/31/2015 9:19	0.0009	0.0065	
12/31/2015 9:18	0.0006	0.0065	
12/31/2015 9:17	0.0004	0.0066	
12/31/2015 9:16	0.0003	0.0067	
12/31/2015 9:15	0.0001	0.0067	
12/31/2015 9:14	0.0001	0.0067	
12/31/2015 9:13	0	0.0068	
12/31/2015 9:12	0	0.0068	
12/31/2015 9:11	0	0.0069	
12/31/2015 9:10	0	0.0069	
12/31/2015 9:09	0	0.007	
12/31/2015 9:08	0	0.0071	
12/31/2015 9:07	0	0.0072	
12/31/2015 9:06	0	0.0072	
12/31/2015 9:05	0	0.0072	
12/31/2015 9:04	0	0.0072	
12/31/2015 9:03	0	0.0073	
12/31/2015 9:02	0	0.0073	
12/31/2015 9:01	0	0.0073	
12/31/2015 9:00	0	0.0073	
12/31/2015 8:59	0	0.0073	
12/31/2015 8:58	0	0.0073	
12/31/2015 8:57	0	0.0073	
12/31/2015 8:56	0	0.0073	
12/31/2015 8:55	0	0.0073	
12/31/2015 8:54	0	0.0072	
12/31/2015 8:53	0	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 8:52	0	0.0071	
12/31/2015 8:51	0	0.0071	
12/31/2015 8:50	0	0.0071	
12/31/2015 8:49	0	0.0071	
12/31/2015 8:48	0	0.007	
12/31/2015 8:47	0	0.007	
12/31/2015 8:46	0	0.0071	
12/31/2015 8:45	0	0.0071	
12/31/2015 8:44	0	0.0071	
12/31/2015 8:43	0	0.0071	
12/31/2015 8:42	0	0.0071	
12/31/2015 8:41	0	0.0072	
12/31/2015 8:40	0	0.0071	
12/31/2015 8:39	0	0.0071	
12/31/2015 8:38	0	0.0071	
12/31/2015 8:37	0	0.0071	
12/31/2015 8:36	0	0.0071	
12/31/2015 8:35	0	0.0071	
12/31/2015 8:34	0	0.0071	
12/31/2015 8:33	0	0.0071	
12/31/2015 8:32	0	0.007	
12/31/2015 8:31	0	0.0069	
12/31/2015 8:30	0	0.0069	
12/31/2015 8:29	0	0.0069	
12/31/2015 8:28	0	0.0069	
12/31/2015 8:27	0	0.0064	
12/31/2015 8:26	0.0023	0.0059	
12/31/2015 8:25	0.0023	0.0054	
12/31/2015 8:24	0.0023	0.005	
12/31/2015 8:23	0.0023	0.0045	
12/31/2015 8:22	0.0023	0.0041	
12/31/2015 8:21	0.0023	0.0036	
12/31/2015 8:20	0.0023	0.0032	
12/31/2015 8:19	0.0023	0.0027	
12/31/2015 8:18	0.0023	0.0023	
12/31/2015 8:17	0.0023	0.0019	
12/31/2015 8:16	0.0025	0.0015	
12/31/2015 8:15	0.0027	0.0011	
12/31/2015 8:14	0.0029	0.0006	
12/31/2015 8:13	0.0032	0	
12/31/2015 8:12	0.0035	0	
12/31/2015 8:11	0	0	
12/31/2015 8:10	0	0	
12/31/2015 8:09	0	0	
12/31/2015 8:08	0	0	
12/31/2015 8:07	0	0	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 8:06	0	0	
12/31/2015 8:05	0	0	
12/31/2015 8:04	0	0	
12/31/2015 8:03	0	0	
12/30/2015 16:52		0.024	
12/30/2015 16:51		0.0244	
12/30/2015 16:50		0.025	
12/30/2015 16:49		0.0257	
12/30/2015 16:48		0.0263	
12/30/2015 16:47		0.027	
12/30/2015 16:46		0.0277	
12/30/2015 16:45	0.0501	0.0283	
12/30/2015 16:44	0.0501	0.0289	
12/30/2015 16:43	0.05	0.0295	
12/30/2015 16:42	0.0499	0.0297	
12/30/2015 16:41	0.0501	0.0295	
12/30/2015 16:40	0.0501	0.0289	
12/30/2015 16:39	0.0501	0.0284	
12/30/2015 16:38	0.0499	0.0278	
12/30/2015 16:37	0.0499	0.0272	
12/30/2015 16:36	0.0499	0.0264	
12/30/2015 16:35	0.0498	0.0255	
12/30/2015 16:34	0.0498	0.0245	
12/30/2015 16:33	0.0498	0.0237	
12/30/2015 16:32	0.0499	0.0227	
12/30/2015 16:31	0.0501	0.0219	
12/30/2015 16:30	0.0501	0.0213	
12/30/2015 16:29	0.0501	0.0207	
12/30/2015 16:28	0.0502	0.02	
12/30/2015 16:27	0.0503	0.0196	
12/30/2015 16:26	0.0503	0.0195	
12/30/2015 16:25	0.0505	0.0197	
12/30/2015 16:24	0.0506	0.02	
12/30/2015 16:23	0.0507	0.0203	
12/30/2015 16:22	0.0506	0.0207	
12/30/2015 16:21	0.0505	0.021	
12/30/2015 16:20	0.0503	0.0212	
12/30/2015 16:19	0.0503	0.0214	
12/30/2015 16:18	0.0501	0.0215	
12/30/2015 16:17	0.0499	0.0217	
12/30/2015 16:16	0.0496	0.0218	
12/30/2015 16:15	0.0495	0.0217	
12/30/2015 16:14	0.0495	0.0218	
12/30/2015 16:13	0.0495	0.022	
12/30/2015 16:12	0.0495	0.0221	
12/30/2015 16:11	0.0497	0.022	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 16:10	0.0499	0.0221	
12/30/2015 16:09	0.0495	0.022	
12/30/2015 16:08	0.0493	0.0219	
12/30/2015 16:07	0.0493	0.0218	
12/30/2015 16:06	0.0493	0.0217	
12/30/2015 16:05	0.0497	0.0217	
12/30/2015 16:04	0.0499	0.0218	
12/30/2015 16:03	0.0499	0.0216	
12/30/2015 16:02	0.0495	0.0213	
12/30/2015 16:01	0.0491	0.0212	
12/30/2015 16:00	0.0487	0.021	
12/30/2015 15:59	0.0482	0.0207	
12/30/2015 15:58	0.0476	0.0203	
12/30/2015 15:57	0.0471	0.02	
12/30/2015 15:56	0.0465	0.0198	
12/30/2015 15:55	0.0458	0.0195	
12/30/2015 15:54	0.0455	0.0193	
12/30/2015 15:53	0.0453	0.0193	
12/30/2015 15:52	0.045	0.0192	
12/30/2015 15:51	0.0445	0.0189	
12/30/2015 15:50	0.0439	0.0186	
12/30/2015 15:49	0.0433	0.0182	
12/30/2015 15:48	0.0429	0.0181	
12/30/2015 15:47	0.0429	0.0179	
12/30/2015 15:46	0.0429	0.0177	
12/30/2015 15:45	0.0427	0.0175	
12/30/2015 15:44	0.0428	0.0175	
12/30/2015 15:43	0.0428	0.0175	
12/30/2015 15:42	0.0428	0.0174	
12/30/2015 15:41	0.0427	0.0173	
12/30/2015 15:40	0.0423	0.0172	
12/30/2015 15:39	0.0421	0.0171	
12/30/2015 15:38	0.042	0.0169	
12/30/2015 15:37	0.0419	0.0167	
12/30/2015 15:36	0.042	0.0168	
12/30/2015 15:35	0.042	0.0168	
12/30/2015 15:34	0.0421	0.0167	
12/30/2015 15:33	0.0421	0.0168	
12/30/2015 15:32	0.0421	0.0168	
12/30/2015 15:31	0.0423	0.0169	
12/30/2015 15:30	0.0425	0.0171	
12/30/2015 15:29	0.0425	0.0171	
12/30/2015 15:28	0.0423	0.0169	
12/30/2015 15:27	0.0424	0.017	
12/30/2015 15:26	0.0423	0.017	
12/30/2015 15:25	0.0424	0.0171	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 15:24	0.0426	0.0172	
12/30/2015 15:23	0.0428	0.0173	
12/30/2015 15:22	0.0429	0.0173	
12/30/2015 15:21	0.0428	0.0173	
12/30/2015 15:20	0.0429	0.0173	
12/30/2015 15:19	0.0428	0.0174	
12/30/2015 15:18	0.0427	0.0174	
12/30/2015 15:17	0.0427	0.0175	
12/30/2015 15:16	0.0428	0.0175	
12/30/2015 15:15	0.0429	0.0175	
12/30/2015 15:14	0.0429	0.0176	
12/30/2015 15:13	0.0432	0.0177	
12/30/2015 15:12	0.0433	0.0177	
12/30/2015 15:11	0.0435	0.0178	
12/30/2015 15:10	0.0439	0.0179	
12/30/2015 15:09	0.044	0.0179	
12/30/2015 15:08	0.0441	0.0179	
12/30/2015 15:07	0.0441	0.018	
12/30/2015 15:06	0.0441	0.0181	
12/30/2015 15:05	0.0443	0.0181	
12/30/2015 15:04	0.0445	0.0182	
12/30/2015 15:03	0.0445	0.0182	
12/30/2015 15:02	0.0446	0.0182	
12/30/2015 15:01	0.0445	0.0181	
12/30/2015 15:00	0.0445	0.018	
12/30/2015 14:59	0.0443	0.0179	
12/30/2015 14:58	0.0443	0.0179	
12/30/2015 14:57	0.0443	0.0179	
12/30/2015 14:56	0.0441	0.018	
12/30/2015 14:55	0.044	0.0181	
12/30/2015 14:54	0.0439	0.0181	
12/30/2015 14:53	0.0437	0.0181	
12/30/2015 14:52	0.0436	0.0181	
12/30/2015 14:51	0.0436		
12/30/2015 14:50	0.0433	0.018	
12/30/2015 14:49	0.0431	0.018	
12/30/2015 14:48	0.043	0.0179	
12/30/2015 14:47	0.0429	0.0179	
12/30/2015 14:46	0.0428	0.0179	
12/30/2015 14:45	0.0427	0.0179	
12/30/2015 14:44	0.0427	0.0177	
12/30/2015 14:43	0.0426	0.0175	
12/30/2015 14:42	0.0423	0.0174	
12/30/2015 14:41	0.0423	0.0171	
12/30/2015 14:40	0.0423	0.0169	
12/30/2015 14:39	0.0421	0.0167	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 14:38	0.0423	0.0166	
12/30/2015 14:37	0.0423	0.0165	
12/30/2015 14:36	0.0424	0.0165	
12/30/2015 14:35	0.0424	0.0163	
12/30/2015 14:34	0.0422	0.0162	
12/30/2015 14:33	0.0423	0.0161	
12/30/2015 14:32	0.0425	0.016	
12/30/2015 14:31	0.0425	0.0158	
12/30/2015 14:30	0.0426	0.0157	
12/30/2015 14:29	0.0427	0.0157	
12/30/2015 14:28	0.0427	0.0156	
12/30/2015 14:27	0.0427	0.0155	
12/30/2015 14:26	0.0428	0.0156	
12/30/2015 14:25	0.0427	0.0155	
12/30/2015 14:24	0.0429	0.0155	
12/30/2015 14:23	0.0429	0.0153	
12/30/2015 14:22	0.0429	0.0153	
12/30/2015 14:21	0.0426	0.0153	
12/30/2015 14:20	0.0427	0.0152	
12/30/2015 14:19	0.0427	0.0151	
12/30/2015 14:18	0.0425	0.015	
12/30/2015 14:17	0.0421	0.0149	
12/30/2015 14:16	0.0419	0.0147	
12/30/2015 14:15	0.0418	0.0147	
12/30/2015 14:14	0.0416	0.0146	
12/30/2015 14:13	0.0415	0.0146	
12/30/2015 14:12	0.0414	0.0145	
12/30/2015 14:11	0.0413	0.0143	
12/30/2015 14:10	0.0413	0.0141	
12/30/2015 14:09	0.0412	0.014	
12/30/2015 14:08	0.0413	0.0139	
12/30/2015 14:07	0.0412	0.0136	
12/30/2015 14:06	0.0414	0.0134	
12/30/2015 14:05	0.0413	0.0133	
12/30/2015 14:04	0.0415	0.0133	
12/30/2015 14:03	0.0416	0.0132	
12/30/2015 14:02	0.0419	0.0131	
12/30/2015 14:01	0.0421	0.0132	
12/30/2015 14:00	0.0421	0.0132	
12/30/2015 13:59	0.0423	0.0133	
12/30/2015 13:58	0.0422	0.0133	
12/30/2015 13:57	0.0423	0.0133	
12/30/2015 13:56	0.0423	0.0134	
12/30/2015 13:55	0.0423	0.0135	
12/30/2015 13:54	0.0425	0.0137	
12/30/2015 13:53	0.0423	0.0137	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 13:52	0.0422	0.0139	
12/30/2015 13:51	0.0419	0.014	
12/30/2015 13:50	0.0429	0.0141	
12/30/2015 13:49	0.0427	0.0142	
12/30/2015 13:48	0.0425	0.0143	
12/30/2015 13:47	0.0422	0.0144	
12/30/2015 13:46	0.042	0.0144	
12/30/2015 13:45	0.0419	0.0144	
12/30/2015 13:44	0.0419	0.0143	
12/30/2015 13:43	0.0419	0.0143	
12/30/2015 13:42	0.0419	0.0143	
12/30/2015 13:41	0.0417	0.0144	
12/30/2015 13:40	0.0414	0.0145	
12/30/2015 13:39	0.0412	0.0144	
12/30/2015 13:38	0.0413	0.0146	
12/30/2015 13:37	0.0413	0.0147	
12/30/2015 13:36	0.0414	0.0148	
12/30/2015 13:35	0.0405	0.0149	
12/30/2015 13:34	0.0407	0.015	
12/30/2015 13:33	0.0408	0.0151	
12/30/2015 13:32	0.041	0.0153	
12/30/2015 13:31	0.0411	0.0155	
12/30/2015 13:30	0.0411	0.0156	
12/30/2015 13:29	0.0411	0.0157	
12/30/2015 13:28	0.0413	0.0159	
12/30/2015 13:27	0.0414	0.0161	
12/30/2015 13:26	0.0414	0.0161	
12/30/2015 13:25	0.0415	0.0161	
12/30/2015 13:24	0.0412	0.0161	
12/30/2015 13:23	0.041	0.0159	
12/30/2015 13:22	0.0418	0.016	
12/30/2015 13:21	0.0416	0.0159	
12/30/2015 13:20	0.0411	0.0159	
12/30/2015 13:19	0.0408	0.0158	
12/30/2015 13:18	0.0405	0.0156	
12/30/2015 13:17	0.0403	0.0155	
12/30/2015 13:16	0.0401	0.0153	
12/30/2015 13:15	0.0398	0.0152	
12/30/2015 13:14	0.0395	0.0151	
12/30/2015 13:13	0.0393	0.015	
12/30/2015 13:12	0.0389	0.0149	
12/30/2015 13:11	0.0389	0.0149	
12/30/2015 13:10	0.0387	0.0148	
12/30/2015 13:09	0.0387	0.0147	
12/30/2015 13:08	0.0386	0.0147	
12/30/2015 13:07	0.0376	0.0145	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 13:06	0.0377	0.0144	
12/30/2015 13:05	0.0379	0.0143	
12/30/2015 13:04	0.0381	0.0143	
12/30/2015 13:03	0.0381	0.0143	
12/30/2015 13:02	0.0381	0.0144	
12/30/2015 13:01	0.0381	0.0145	
12/30/2015 13:00	0.0381	0.0146	
12/30/2015 12:59	0.0381	0.0147	
12/30/2015 12:58	0.0381	0.0147	
12/30/2015 12:57	0.0381	0.0147	
12/30/2015 12:56	0.038	0.0149	
12/30/2015 12:55	0.038	0.015	
12/30/2015 12:54	0.0379	0.0151	
12/30/2015 12:53	0.0377	0.0152	
12/30/2015 12:52	0.0376	0.0153	
12/30/2015 12:51	0.0373	0.0153	
12/30/2015 12:50	0.0371	0.0154	
12/30/2015 12:49	0.0367	0.0155	
12/30/2015 12:48	0.0365	0.0155	
12/30/2015 12:47	0.0363	0.0154	
12/30/2015 12:46	0.0363	0.0155	
12/30/2015 12:45	0.0359	0.0154	
12/30/2015 12:44	0.0359	0.0153	
12/30/2015 12:43	0.0357	0.0154	
12/30/2015 12:42	0.0355	0.0155	
12/30/2015 12:41	0.0353	0.0155	
12/30/2015 12:40	0.0353	0.0156	
12/30/2015 12:39	0.0352	0.0156	
12/30/2015 12:38	0.0353	0.0157	
12/30/2015 12:37	0.0353	0.0158	
12/30/2015 12:36	0.0353	0.016	
12/30/2015 12:35	0.0353	0.0161	
12/30/2015 12:34	0.0353	0.0163	
12/30/2015 12:33	0.0353	0.0165	
12/30/2015 12:32	0.0353	0.0166	
12/30/2015 12:31	0.035	0.0167	
12/30/2015 12:30	0.0351	0.0169	
12/30/2015 12:29	0.0349	0.0171	
12/30/2015 12:28	0.0349	0.0173	
12/30/2015 12:27	0.0349	0.0173	
12/30/2015 12:26	0.0349	0.0173	
12/30/2015 12:25	0.0347	0.0173	
12/30/2015 12:24	0.0346	0.0174	
12/30/2015 12:23	0.0345	0.0174	
12/30/2015 12:22	0.0343	0.0175	
12/30/2015 12:21	0.0342	0.0175	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 12:20	0.0338	0.0175	
12/30/2015 12:19	0.0336	0.0176	
12/30/2015 12:18	0.0333	0.0177	
12/30/2015 12:17	0.0329	0.0178	
12/30/2015 12:16	0.0329	0.0179	
12/30/2015 12:15	0.0325	0.018	
12/30/2015 12:14	0.0322	0.0181	
12/30/2015 12:13	0.0319	0.0182	
12/30/2015 12:12	0.0317	0.0184	
12/30/2015 12:11	0.0313	0.0186	
12/30/2015 12:07	0.0311		
12/30/2015 12:06	0.0311	0.0191	
12/30/2015 12:05	0.031	0.0193	
12/30/2015 12:04	0.0309	0.0194	
12/30/2015 12:03	0.0309	0.0195	
12/30/2015 12:02	0.0309	0.0197	
12/30/2015 12:01	0.0307	0.0198	
12/30/2015 12:00	0.0305	0.0199	
12/30/2015 11:59	0.0303	0.02	
12/30/2015 11:58	0.0298	0.0203	
12/30/2015 11:57	0.0297	0.0207	
12/30/2015 11:56	0.0295	0.021	
12/30/2015 11:55	0.0292	0.0211	
12/30/2015 11:54	0.0287	0.0214	
12/30/2015 11:53	0.0285	0.0217	
12/30/2015 11:52	0.0279	0.0219	
12/30/2015 11:51	0.0275	0.0219	
12/30/2015 11:50	0.0271	0.0221	
12/30/2015 11:49	0.0267	0.0223	
12/30/2015 11:48	0.0262	0.0224	
12/30/2015 11:47	0.0257	0.0226	
12/30/2015 11:46	0.0252	0.0228	
12/30/2015 11:45	0.0251	0.023	
12/30/2015 11:44	0.0249	0.0231	
12/30/2015 11:43	0.0248	0.0231	
12/30/2015 11:42	0.0245	0.0229	
12/30/2015 11:41	0.0245		
12/30/2015 11:40	0.0243	0.0229	
12/30/2015 11:39	0.0241	0.0228	
12/30/2015 11:38	0.0237	0.0228	
12/30/2015 11:37	0.0236	0.023	
12/30/2015 11:36	0.0234	0.0232	
12/30/2015 11:35	0.0233	0.0234	
12/30/2015 11:34	0.0233	0.0235	
12/30/2015 11:33	0.0233	0.0236	
12/30/2015 11:32	0.0232	0.0237	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 11:31	0.0233	0.0238	
12/30/2015 11:30	0.0228	0.0239	
12/30/2015 11:29	0.0226	0.0239	
12/30/2015 11:28	0.0223	0.0241	
12/30/2015 11:27	0.022	0.0242	
12/30/2015 11:26	0.0217	0.0243	
12/30/2015 11:25	0.0215	0.0242	
12/30/2015 11:24	0.0213	0.0243	
12/30/2015 11:23	0.0209	0.0243	
12/30/2015 11:22	0.0207	0.0243	
12/30/2015 11:21	0.0204	0.0245	
12/30/2015 11:20	0.0201	0.0245	
12/30/2015 11:19	0.0199	0.0247	
12/30/2015 11:18	0.0198	0.0249	
12/30/2015 11:17	0.0195	0.0251	
12/30/2015 11:16	0.0194	0.0253	
12/30/2015 11:15	0.0195	0.0255	
12/30/2015 11:14	0.0196	0.0257	
12/30/2015 11:13	0.0197	0.0259	
12/30/2015 11:12	0.0198	0.0261	
12/30/2015 11:11	0.0197	0.0262	
12/30/2015 11:10	0.0197	0.0265	
12/30/2015 11:09	0.0197	0.0267	
12/30/2015 11:08	0.0197	0.0267	
12/30/2015 11:07	0.0198	0.0268	
12/30/2015 11:06	0.0199	0.0267	
12/30/2015 11:05	0.0199	0.0267	
12/30/2015 11:04	0.0197	0.0266	
12/30/2015 11:03	0.0197	0.0265	
12/30/2015 11:02	0.0197	0.0264	
12/30/2015 11:01	0.0197	0.0263	
12/30/2015 11:00	0.0194	0.0262	
12/30/2015 10:59	0.0191	0.0262	
12/30/2015 10:58	0.0187	0.0261	
12/30/2015 10:57	0.0183	0.026	
12/30/2015 10:56	0.0181	0.0259	
12/30/2015 10:55	0.0179	0.0258	
12/30/2015 10:54	0.0177	0.0256	
12/30/2015 10:53	0.0177	0.0255	
12/30/2015 10:52	0.0171	0.0253	
12/30/2015 10:51	0.0169	0.0253	
12/30/2015 10:50	0.0167	0.0251	
12/30/2015 10:49	0.0165	0.0251	
12/30/2015 10:48	0.0165	0.0249	
12/30/2015 10:47	0.0161	0.0248	
12/30/2015 10:46	0.016	0.0247	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 10:45	0.0164	0.0247	
12/30/2015 10:44	0.0162	0.0245	
12/30/2015 10:43	0.016	0.0243	
12/30/2015 10:42	0.0158	0.0243	
12/30/2015 10:41	0.0156	0.0241	
12/30/2015 10:40	0.0153	0.0241	
12/30/2015 10:39	0.0151	0.024	
12/30/2015 10:38	0.0145	0.0238	
12/30/2015 10:37	0.0145	0.0237	
12/30/2015 10:36	0.0141	0.0236	
12/30/2015 10:35	0.014	0.0236	
12/30/2015 10:34	0.0138	0.0236	
12/30/2015 10:33	0.0135	0.0236	
12/30/2015 10:32	0.0135	0.0234	
12/30/2015 10:31	0.0129	0.0232	
12/30/2015 10:30	0.0118	0.0229	
12/30/2015 10:29	0.0114	0.0227	
12/30/2015 10:28	0.0111	0.0224	
12/30/2015 10:27	0.0107	0.0221	
12/30/2015 10:26	0.0102	0.0219	
12/30/2015 10:25	0.0101	0.0217	
12/30/2015 10:24	0.0097	0.0215	
12/30/2015 10:23	0.0094	0.0215	
12/30/2015 10:22	0.009	0.0215	
12/30/2015 10:18	0.0085	0.0217	
12/30/2015 10:17	0.0079	0.0219	
12/30/2015 10:16	0.0075	0.022	
12/30/2015 10:15	0.0071	0.0221	
12/30/2015 10:14	0.0067	0.0224	
12/30/2015 10:13	0.0063	0.0227	
12/30/2015 10:12	0.0059	0.023	
12/30/2015 10:11	0.0055	0.0233	
12/30/2015 10:10	0.005	0.0235	
12/30/2015 10:09	0.0046	0.0236	
12/30/2015 10:08	0.0043	0.0237	
12/30/2015 10:07	0.0039	0.0239	
12/30/2015 10:06	0.0032	0.0239	
12/30/2015 10:05	0.0028	0.024	
12/30/2015 10:04	0.0023	0.0241	
12/30/2015 10:03	0.0019	0.0241	
12/30/2015 10:02	0.0016	0.0239	
12/30/2015 10:01	0.0012	0.0239	
12/30/2015 10:00	0.0009	0.0239	
12/30/2015 9:59	0.0007	0.0237	
12/30/2015 9:58	0.0006	0.0236	
12/30/2015 9:57	0.0005	0.0235	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 9:56	0.0003	0.0235	
12/30/2015 9:55	0.0003	0.0235	
12/30/2015 9:54	0.0001	0.0235	
12/30/2015 9:53	0.0001	0.0235	
12/30/2015 9:52	0	0.0235	
12/30/2015 9:51	0	0.0235	
12/30/2015 9:50	0	0.0235	
12/30/2015 9:49	0	0.0235	
12/30/2015 9:48	0	0.0236	
12/30/2015 9:47	0	0.0237	
12/30/2015 9:46	0	0.0237	
12/30/2015 9:45	0	0.0237	
12/30/2015 9:44	0	0.0237	
12/30/2015 9:43	0	0.0238	
12/30/2015 9:42	0	0.0238	
12/30/2015 9:41	0	0.0238	
12/30/2015 9:40	0	0.0238	
12/30/2015 9:39	0	0.0238	
12/30/2015 9:38	0	0.0238	
12/30/2015 9:37	0	0.0238	
12/30/2015 9:36	0	0.0237	
12/30/2015 9:35	0	0.0237	
12/30/2015 9:34	0	0.0237	
12/30/2015 9:33	0	0.0237	
12/30/2015 9:32	0	0.0237	
12/30/2015 9:31	0	0.0238	
12/30/2015 9:30	0	0.0238	
12/30/2015 9:29	0	0.0239	
12/30/2015 9:28	0	0.0239	
12/30/2015 9:27	0	0.024	
12/30/2015 9:26	0	0.024	
12/30/2015 9:25	0	0.024	
12/30/2015 9:24	0	0.024	
12/30/2015 9:23	0	0.0239	
12/30/2015 9:22	0	0.0239	
12/30/2015 9:21	0	0.024	
12/30/2015 9:20	0	0.024	
12/30/2015 9:19	0	0.024	
12/30/2015 9:18	0	0.0239	
12/30/2015 9:17	0	0.0237	
12/30/2015 9:16	0	0.0236	
12/30/2015 9:15	0	0.0234	
12/30/2015 9:14	0	0.0231	
12/30/2015 9:13	0	0.0229	
12/30/2015 9:12	0	0.0227	
12/30/2015 9:11	0	0.0226	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 9:10	0	0.0224	
12/30/2015 9:09	0	0.022	
12/30/2015 9:08	0	0.0218	
12/30/2015 9:07	0	0.0215	
12/30/2015 9:06	0	0.0211	
12/30/2015 9:05	0	0.0209	
12/30/2015 9:04	0	0.0206	
12/30/2015 9:03	0	0.0204	
12/30/2015 9:02	0	0.0203	
12/30/2015 9:01	0	0.0201	
12/30/2015 9:00	0	0.02	
12/30/2015 8:59	0	0.0199	
12/30/2015 8:58	0	0.0198	
12/30/2015 8:57			
12/30/2015 8:56	0	0.0196	
12/30/2015 8:55	0	0.0194	
12/30/2015 8:54	0	0.0194	
12/30/2015 8:53	0	0.0193	
12/30/2015 8:52	0	0.0192	
12/30/2015 8:51	0	0.0192	
12/30/2015 8:50	0	0.0193	
12/30/2015 8:49	0	0.0195	
12/30/2015 8:48	0	0.02	
12/21/2015 15:58	0.0353	0.0051	
12/21/2015 15:57	0.0353	0.005	
12/21/2015 15:56	0.0353	0.0049	
12/21/2015 15:55	0.0353	0.005	
12/21/2015 15:54	0.0351	0.0049	
12/21/2015 15:53	0.0351	0.0049	
12/21/2015 15:52	0.0351	0.0049	
12/21/2015 15:51	0.0352	0.0048	
12/21/2015 15:50	0.0354	0.0047	
12/21/2015 15:49	0.0354	0.0047	
12/21/2015 15:48	0.0355	0.0047	
12/21/2015 15:47	0.0355	0.0048	
12/21/2015 15:46	0.0356	0.0049	
12/21/2015 15:45	0.0359	0.0049	
12/21/2015 15:44	0.036	0.0047	
12/21/2015 15:43	0.0363	0.0048	
12/21/2015 15:42	0.0364	0.0049	
12/21/2015 15:41	0.0367	0.005	
12/21/2015 15:40	0.0369	0.0051	
12/21/2015 15:39	0.0372	0.0051	
12/21/2015 15:38	0.0375	0.0051	
12/21/2015 15:37	0.0377	0.0052	
12/21/2015 15:36	0.0379	0.0053	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 15:35	0.038	0.0053	
12/21/2015 15:34	0.0383	0.0053	
12/21/2015 15:33	0.0385	0.0053	
12/21/2015 15:32	0.0387	0.0053	
12/21/2015 15:31	0.0389	0.0053	
12/21/2015 15:30	0.0389	0.0053	
12/21/2015 15:29	0.039	0.0053	
12/21/2015 15:28	0.039	0.0052	
12/21/2015 15:27	0.0391	0.0052	
12/21/2015 15:26	0.039	0.0052	
12/21/2015 15:25	0.039	0.0052	
12/21/2015 15:24	0.0391	0.0052	
12/21/2015 15:23	0.0392	0.0052	
12/21/2015 15:22	0.0393	0.0051	
12/21/2015 15:21	0.0394	0.0051	
12/21/2015 15:20	0.0394	0.0051	
12/21/2015 15:19	0.0394	0.0051	
12/21/2015 15:18	0.0394	0.0052	
12/21/2015 15:17	0.0394	0.0051	
12/21/2015 15:16	0.0393	0.005	
12/21/2015 15:13			
12/21/2015 15:12	0.0394	0.0049	
12/21/2015 15:11	0.0395	0.0049	
12/21/2015 15:10	0.0395	0.0048	
12/21/2015 15:09	0.0395	0.0048	
12/21/2015 15:08	0.0393	0.0048	
12/21/2015 15:07	0.0392	0.0047	
12/21/2015 15:06	0.0389	0.0047	
12/21/2015 15:05	0.0391	0.0053	
12/21/2015 15:04	0.0389	0.0053	
12/21/2015 15:03	0.0389	0.0053	
12/21/2015 15:02	0.0389	0.0054	
12/21/2015 15:01	0.0388	0.0055	
12/21/2015 15:00	0.0386	0.0055	
12/21/2015 14:59	0.0388	0.0055	
12/21/2015 14:58	0.0388	0.0056	
12/21/2015 14:57	0.0386	0.0056	
12/21/2015 14:56	0.0386	0.0057	
12/21/2015 14:55	0.0385	0.0056	
12/21/2015 14:54	0.0385	0.006	
12/21/2015 14:53	0.0385	0.0082	
12/21/2015 14:52	0.0385	0.0262	
12/21/2015 14:51	0.0385	0.0262	
12/21/2015 14:50	0.0383	0.0255	
12/21/2015 14:49	0.0384	0.0255	
12/21/2015 14:47			

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 14:46	0.0383	0.0228	
12/21/2015 14:45	0.0383	0.0228	
12/21/2015 14:44	0.0382	0.0228	
12/21/2015 14:43	0.0381	0.0228	
12/21/2015 14:42	0.0382	0.0228	
12/21/2015 14:41	0.0385	0.0228	
12/21/2015 14:40	0.0389	0.0229	
12/21/2015 14:39	0.039	0.0226	
12/21/2015 14:38	0.0395	0.0255	
12/21/2015 14:37	0.0395	0.0101	
12/21/2015 14:36	0.0395	0.0101	
12/21/2015 14:35	0.0396	0.0101	
12/21/2015 14:34	0.0396	0.0102	
12/21/2015 14:33	0.0397	0.0101	
12/21/2015 14:32	0.0397	0.0101	
12/21/2015 14:31	0.0397	0.0101	
12/21/2015 14:30	0.0398	0.0101	
12/21/2015 14:29	0.0399	0.0103	
12/21/2015 14:28	0.0399	0.0103	
12/21/2015 14:27	0.0397	0.0103	
12/21/2015 14:26	0.0394	0.0104	
12/21/2015 14:25	0.039	0.0105	
12/21/2015 14:24	0.0391	0.0105	
12/21/2015 14:23	0.0385	0.0057	
12/21/2015 14:22	0.0385	0.0057	
12/21/2015 14:21	0.0385	0.0057	
12/21/2015 14:20	0.0384	0.0057	
12/21/2015 14:19	0.0384	0.0057	
12/21/2015 14:18	0.0385	0.0058	
12/21/2015 14:17	0.0389	0.0059	
12/21/2015 14:16	0.039	0.0059	
12/21/2015 14:15	0.039	0.006	
12/21/2015 14:14	0.0389	0.0058	
12/21/2015 14:13	0.0391	0.0059	
12/21/2015 14:12	0.0389	0.0059	
12/21/2015 14:11	0.039	0.0059	
12/21/2015 14:10	0.0391	0.0059	
12/21/2015 14:09	0.0389	0.0059	
12/21/2015 14:08	0.0389	0.0059	
12/21/2015 14:07	0.0391	0.0059	
12/21/2015 14:06	0.039	0.0058	
12/21/2015 14:05	0.0387	0.0059	
12/21/2015 14:04	0.0385	0.0059	
12/21/2015 14:03	0.0382	0.0059	
12/21/2015 14:02	0.0377	0.0059	
12/21/2015 14:01	0.0377	0.0059	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 14:00	0.0375	0.0058	
12/21/2015 13:59	0.0373	0.0058	
12/21/2015 13:58	0.0371	0.0058	
12/21/2015 13:57	0.0372	0.0058	
12/21/2015 13:56	0.0371	0.0058	
12/21/2015 13:55	0.0371	0.0058	
12/21/2015 13:54	0.037	0.0058	
12/21/2015 13:53	0.0368	0.0058	
12/21/2015 13:52	0.0366	0.0059	
12/21/2015 13:51	0.0367	0.0059	
12/21/2015 13:50	0.0369	0.0059	
12/21/2015 13:49	0.0369	0.0059	
12/21/2015 13:48	0.037	0.006	
12/21/2015 13:47	0.0371	0.006	
12/21/2015 13:46	0.0369	0.006	
12/21/2015 13:45	0.037	0.0061	
12/21/2015 13:44	0.0373	0.0061	
12/21/2015 13:43	0.0371	0.0061	
12/21/2015 13:42	0.0371	0.0061	
12/21/2015 13:41	0.0369	0.0062	
12/21/2015 13:40	0.0369	0.0062	
12/21/2015 13:39	0.0369	0.0062	
12/21/2015 13:38	0.0368	0.0062	
12/21/2015 13:37	0.0367	0.0062	
12/21/2015 13:36	0.0365	0.0062	
12/21/2015 13:35	0.0365	0.0062	
12/21/2015 13:34	0.0367	0.0066	
12/21/2015 13:33	0.0367	0.0065	
12/21/2015 13:32	0.0365	0.0065	
12/21/2015 13:31	0.0365	0.0066	
12/21/2015 13:30	0.0362	0.0067	
12/21/2015 13:29	0.0359	0.0067	
12/21/2015 13:28	0.036	0.0067	
12/21/2015 13:27	0.0359	0.0067	
12/21/2015 13:26	0.0359	0.0067	
12/21/2015 13:25	0.0357	0.0067	
12/21/2015 13:24	0.0356	0.0068	
12/21/2015 13:23	0.0356	0.0069	
12/21/2015 13:22	0.0356	0.0069	
12/21/2015 13:21	0.0357	0.0069	
12/21/2015 13:20	0.0357	0.007	
12/21/2015 13:19	0.0356	0.0067	
12/21/2015 13:18	0.0353	0.0067	
12/21/2015 13:17	0.0353	0.0067	
12/21/2015 13:16	0.0354	0.0067	
12/21/2015 13:15	0.0355	0.0067	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 13:14	0.0354	0.0067	
12/21/2015 13:13	0.0354	0.0067	
12/21/2015 13:12	0.0356	0.0068	
12/21/2015 13:11	0.0356	0.0068	
12/21/2015 13:10	0.0357	0.0069	
12/21/2015 13:09	0.036	0.0092	
12/21/2015 13:08	0.0362	0.0092	
12/21/2015 13:07	0.0362	0.0092	
12/21/2015 13:06	0.036	0.0092	
12/21/2015 13:05	0.036	0.0092	
12/21/2015 13:04	0.0359	0.0092	
12/21/2015 13:03	0.0361	0.0092	
12/21/2015 13:02	0.0361	0.0092	
12/21/2015 13:01	0.0361	0.0092	
12/21/2015 13:00	0.0363	0.0093	
12/21/2015 12:59	0.0363	0.0093	
12/21/2015 12:58	0.0361	0.0092	
12/21/2015 12:57	0.0359	0.0091	
12/21/2015 12:56	0.0358	0.009	
12/21/2015 12:55	0.0358	0.009	
12/21/2015 12:54	0.0355	0.0066	
12/21/2015 12:53	0.0352	0.0066	
12/21/2015 12:52	0.0353	0.0067	
12/21/2015 12:51	0.0353	0.0067	
12/21/2015 12:50	0.0354	0.0067	
12/21/2015 12:49	0.0353	0.0067	
12/21/2015 12:48	0.0352	0.0067	
12/21/2015 12:47	0.0351	0.0067	
12/21/2015 12:46	0.0349	0.0067	
12/21/2015 12:45	0.0346	0.0067	
12/21/2015 12:44	0.0346	0.0067	
12/21/2015 12:43	0.0345	0.0068	
12/21/2015 12:42	0.0342	0.0068	
12/21/2015 12:41	0.0336	0.0069	
12/21/2015 12:40	0.0332	0.0068	
12/21/2015 12:39	0.0332	0.0069	
12/21/2015 12:38	0.0334	0.0068	
12/21/2015 12:37	0.033	0.0068	
12/21/2015 12:36	0.0328	0.0068	
12/21/2015 12:35	0.0325	0.0068	
12/21/2015 12:34	0.0321	0.0068	
12/21/2015 12:32			
12/21/2015 12:31	0.0319	0.0069	
12/21/2015 12:30	0.0317	0.0069	
12/21/2015 12:29	0.0314	0.0069	
12/21/2015 12:28	0.0313	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 12:27	0.0315	0.0069	
12/21/2015 12:26	0.0315	0.0069	
12/21/2015 12:25	0.0314	0.007	
12/21/2015 12:24	0.031	0.007	
12/21/2015 12:23	0.0307	0.0071	
12/21/2015 12:22	0.0304	0.0071	
12/21/2015 12:21	0.0301	0.0071	
12/21/2015 12:20	0.0297	0.0071	
12/21/2015 12:19	0.0293	0.0071	
12/21/2015 12:18	0.0292	0.0071	
12/21/2015 12:17	0.0289	0.0071	
12/21/2015 12:16	0.0286	0.0072	
12/21/2015 12:15	0.0285	0.0079	
12/21/2015 12:14	0.0283	0.0078	
12/21/2015 12:13	0.0279	0.0078	
12/21/2015 12:12	0.0277	0.0079	
12/21/2015 12:11	0.0274	0.0079	
12/21/2015 12:10	0.0273	0.0079	
12/21/2015 12:09	0.0272	0.0079	
12/21/2015 12:08	0.0267	0.0091	
12/21/2015 12:07	0.0265	0.0091	
12/21/2015 12:06	0.0263	0.0091	
12/21/2015 12:05	0.0263	0.0091	
12/21/2015 12:04	0.0265	0.0091	
12/21/2015 12:03	0.0263	0.0091	
12/21/2015 12:02	0.0262	0.0091	
12/21/2015 12:01	0.0259	0.009	
12/21/2015 12:00	0.0254	0.0083	
12/21/2015 11:59	0.0253	0.0083	
12/21/2015 11:58	0.0252	0.0083	
12/21/2015 11:57	0.0247	0.0083	
12/21/2015 11:56	0.0245	0.0083	
12/21/2015 11:55	0.0243	0.0083	
12/21/2015 11:54	0.0241	0.0084	
12/21/2015 11:53	0.0239	0.0071	
12/21/2015 11:52	0.0237	0.0071	
12/21/2015 11:51	0.0236	0.0071	
12/21/2015 11:50	0.0233	0.0071	
12/21/2015 11:49	0.0229	0.0071	
12/21/2015 11:48	0.0225	0.0071	
12/21/2015 11:47	0.0221	0.0072	
12/21/2015 11:46	0.022	0.0089	
12/21/2015 11:45	0.022	0.009	
12/21/2015 11:44	0.0216	0.009	
12/21/2015 11:43	0.0212	0.009	
12/21/2015 11:42	0.0211	0.009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 11:41	0.0209	0.009	
12/21/2015 11:40	0.0209		
12/21/2015 11:39	0.0205	0.0089	
12/21/2015 11:38	0.0204	0.0089	
12/21/2015 11:37	0.0202	0.009	
12/21/2015 11:36	0.0198	0.0091	
12/21/2015 11:35	0.0194	0.0102	
12/21/2015 11:34	0.019	0.0103	
12/21/2015 11:33	0.0186	0.0103	
12/21/2015 11:32	0.0182	0.0104	
12/21/2015 11:31	0.0178	0.0089	
12/21/2015 11:30	0.0172	0.009	
12/21/2015 11:29	0.0168	0.0091	
12/21/2015 11:28	0.0165	0.0093	
12/21/2015 11:27	0.0161	0.0093	
12/21/2015 11:26	0.0157	0.0093	
12/21/2015 11:25	0.0151	0.0094	
12/21/2015 11:24	0.0145	0.0093	
12/21/2015 11:23	0.0141	0.0094	
12/21/2015 11:22	0.0137	0.0093	
12/21/2015 11:21	0.0134	0.0093	
12/21/2015 11:20	0.0131	0.0081	
12/21/2015 11:19	0.0129	0.0081	
12/21/2015 11:18	0.0125	0.0079	
12/21/2015 11:17	0.0122	0.0078	
12/21/2015 11:16	0.0119	0.0077	
12/21/2015 11:15	0.0117	0.0076	
12/21/2015 11:14	0.0115	0.0075	
12/21/2015 11:13	0.0112	0.0074	
12/21/2015 11:12	0.0109	0.0073	
12/21/2015 11:11	0.0104	0.0074	
12/21/2015 11:10	0.0099	0.0073	
12/21/2015 11:09	0.0095	0.0073	
12/21/2015 11:08	0.0091	0.0073	
12/21/2015 11:07	0.0087	0.0073	
12/21/2015 11:06	0.0086	0.0074	
12/21/2015 11:05	0.0081	0.0074	
12/21/2015 11:04	0.0078	0.0075	
12/21/2015 11:03	0.0074	0.0076	
12/21/2015 11:02	0.007	0.0077	
12/21/2015 11:01	0.0065	0.0077	
12/21/2015 11:00	0.0061	0.0077	
12/21/2015 10:59	0.0056	0.0077	
12/21/2015 10:58	0.0051	0.0078	
12/21/2015 10:57	0.0047	0.0078	
12/21/2015 10:56	0.0045	0.0077	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 10:55	0.0043	0.0077	
12/21/2015 10:54	0.0041	0.0078	
12/21/2015 10:53	0.0035	0.0079	
12/21/2015 10:52	0.0031	0.0079	
12/21/2015 10:51	0.0025	0.0078	
12/21/2015 10:50	0.0022	0.0079	
12/21/2015 10:49	0.0017	0.0079	
12/21/2015 10:48	0.0014	0.0079	
12/21/2015 10:47	0.0012	0.0079	
12/21/2015 10:46	0.0011	0.0079	
12/21/2015 10:45	0.0009	0.0079	
12/21/2015 10:44	0.0006	0.0079	
12/21/2015 10:43	0.0006	0.0079	
12/21/2015 10:42	0.0004	0.0079	
12/21/2015 10:41	0.0003	0.0081	
12/21/2015 10:40	0.0001	0.0081	
12/21/2015 10:39	0	0.008	
12/21/2015 10:38	0	0.0079	
12/21/2015 10:37	0	0.0079	
12/21/2015 10:36	0	0.0079	
12/21/2015 10:35	0	0.0079	
12/21/2015 10:34	0	0.0078	
12/21/2015 10:33	0	0.0079	
12/21/2015 10:32	0	0.0129	
12/21/2015 10:31	0	0.0133	
12/21/2015 10:30	0	0.0133	
12/21/2015 10:29	0	0.0133	
12/21/2015 10:28	0	0.0133	
12/21/2015 10:27	0	0.0136	
12/21/2015 10:26	0	0.0133	
12/21/2015 10:25	0	0.0134	
12/21/2015 10:24	0	0.0135	
12/21/2015 10:23	0	0.0136	
12/21/2015 10:22	0	0.0136	
12/21/2015 10:21	0	0.0137	
12/21/2015 10:20	0	0.0137	
12/21/2015 10:19	0	0.0138	
12/21/2015 10:18	0	0.0137	
12/21/2015 10:16	0	0.0083	
12/21/2015 10:15	0	0.0083	
12/21/2015 10:14	0	0.0083	
12/21/2015 10:13	0	0.0083	
12/21/2015 10:12	0	0.0081	
12/21/2015 10:11	0	0.0082	
12/21/2015 10:10	0	0.0082	
12/21/2015 10:09	0	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 10:08	0	0.008	
12/21/2015 10:07	0	0.008	
12/21/2015 10:06	0	0.008	
12/21/2015 10:05	0	0.008	
12/21/2015 10:04	0	0.008	
12/21/2015 10:03	0	0.0079	
12/21/2015 10:02	0	0.0079	
12/21/2015 10:01	0	0.0079	
12/21/2015 10:00	0	0.0079	
12/21/2015 9:59	0	0.0079	
12/21/2015 9:58	0	0.0079	
12/21/2015 9:57	0	0.0079	
12/21/2015 9:56	0	0.0079	
12/21/2015 9:55	0	0.0078	
12/21/2015 9:54	0	0.008	
12/21/2015 9:53	0	0.008	
12/21/2015 9:52	0	0.008	
12/21/2015 9:51	0	0.008	
12/21/2015 9:50	0		
12/21/2015 9:49	0	0.008	
12/17/2015 15:48	0	0.0069	
12/17/2015 15:47	0	0.0069	
12/17/2015 15:46	0	0.0067	
12/17/2015 15:45	0	0.0067	
12/17/2015 15:44	0	0.0067	
12/17/2015 15:43	0	0.0067	
12/17/2015 15:42	0	0.0066	
12/17/2015 15:41	0	0.0065	
12/17/2015 15:40	0	0.0065	
12/17/2015 15:39	0	0.0066	
12/17/2015 15:38	0	0.0065	
12/17/2015 15:37	0	0.0065	
12/17/2015 15:36	0	0.0065	
12/17/2015 15:35	0	0.0065	
12/17/2015 15:34	0	0.0065	
12/17/2015 15:33	0	0.0065	
12/17/2015 15:32	0	0.0064	
12/17/2015 15:31	0	0.0064	
12/17/2015 15:30	0	0.0064	
12/17/2015 15:29	0	0.0065	
12/17/2015 15:28	0	0.0064	
12/17/2015 15:27	0	0.0065	
12/17/2015 15:26	0	0.0065	
12/17/2015 15:25	0	0.0065	
12/17/2015 15:24	0	0.0065	
12/17/2015 15:23	0	0.0065	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/17/2015 15:22	0	0.0065	
12/17/2015 15:21	0	0.0065	
12/17/2015 15:20	0	0.0065	
12/17/2015 15:19	0	0.0069	
12/17/2015 15:18	0	0.0069	
12/17/2015 15:17	0	0.007	
12/17/2015 15:16	0	0.0071	
12/17/2015 15:15	0	0.0082	
12/17/2015 15:14	0	0.0099	
12/17/2015 15:13	0	0.0132	
12/17/2015 15:12	0	0.0162	
12/17/2015 15:11	0	0.0164	
12/17/2015 15:10	0	0.0164	
12/17/2015 15:09	0	0.0164	
12/17/2015 15:08	0	0.0165	
12/17/2015 15:07	0	0.0166	
12/17/2015 15:06	0	0.0166	
12/17/2015 15:05	0	0.0166	
12/17/2015 15:04	0	0.0163	
12/17/2015 15:03	0	0.0163	
12/17/2015 15:02	0	0.0163	
12/17/2015 15:01	0	0.0164	
12/17/2015 15:00	0	0.0153	
12/17/2015 14:59	0	0.0137	
12/17/2015 14:58	0	0.0104	
12/17/2015 14:57	0	0.0074	
12/17/2015 14:56	0	0.0073	
12/17/2015 14:55	0	0.0073	
12/17/2015 14:54	0	0.0074	
12/17/2015 14:53	0	0.0074	
12/17/2015 14:52	0	0.0073	
12/17/2015 14:51	0	0.0073	
12/17/2015 14:50	0	0.0074	
12/17/2015 14:49	0	0.0075	
12/17/2015 14:48	0	0.0075	
12/17/2015 14:47	0	0.0075	
12/17/2015 14:46	0	0.0077	
12/17/2015 14:45	0	0.0077	
12/17/2015 14:44	0	0.0077	
12/17/2015 14:43	0	0.0078	
12/17/2015 14:42	0	0.0079	
12/17/2015 14:41	0	0.0079	
12/17/2015 14:40	0	0.0079	
12/17/2015 14:39	0	0.0079	
12/17/2015 14:38	0	0.0078	
12/17/2015 14:37	0	0.0078	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/17/2015 14:36	0	0.0078	
12/17/2015 14:35	0	0.0077	
12/17/2015 14:34	0	0.0077	
12/17/2015 14:33	0	0.0076	
12/17/2015 14:32	0	0.0076	
12/17/2015 14:31	0	0.0074	
12/17/2015 14:30	0	0.0073	
12/17/2015 14:29	0	0.0073	
12/17/2015 14:28	0	0.0073	
12/17/2015 14:27	0	0.0072	
12/17/2015 14:26	0	0.0072	
12/17/2015 14:25	0	0.0072	
12/17/2015 14:24	0	0.0072	
12/17/2015 14:23	0	0.0072	
12/17/2015 14:22	0	0.0072	
12/17/2015 14:21	0	0.0073	
12/17/2015 14:20	0	0.0073	
12/17/2015 14:19	0	0.0073	
12/17/2015 14:18	0	0.0074	
12/17/2015 14:17	0	0.0074	
12/17/2015 14:16	0	0.0075	
12/17/2015 14:15	0	0.0076	
12/17/2015 14:14	0	0.0076	
12/17/2015 14:13	0	0.0076	
12/17/2015 14:12	0	0.0077	
12/17/2015 14:11	0	0.0077	
12/17/2015 14:10	0	0.0077	
12/17/2015 14:09	0	0.0077	
12/17/2015 14:08	0	0.0078	
12/17/2015 14:07	0	0.0079	
12/17/2015 14:06	0	0.0079	
12/17/2015 14:05	0	0.008	
12/17/2015 14:04	0	0.008	
12/17/2015 14:03	0		
12/17/2015 14:02	0	0.008	
12/17/2015 14:01	0	0.008	
12/17/2015 14:00	0	0.008	
12/17/2015 13:59	0	0.008	
12/17/2015 13:58	0	0.008	
12/16/2015 16:09	0.0355	0.008	
12/16/2015 16:08	0.0354	0.008	
12/16/2015 16:07	0.0353	0.0079	
12/16/2015 16:06	0.0353	0.0079	
12/16/2015 16:05	0.0353	0.0078	
12/16/2015 16:04	0.0353	0.0078	
12/16/2015 16:03	0.0353	0.0078	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 16:02	0.0354	0.0079	
12/16/2015 16:01	0.0355	0.0079	
12/16/2015 16:00	0.0353	0.008	
12/16/2015 15:59	0.0352	0.0079	
12/16/2015 15:58	0.0353	0.008	
12/16/2015 15:57	0.0352	0.0079	
12/16/2015 15:56	0.0352	0.0079	
12/16/2015 15:55	0.0351	0.0079	
12/16/2015 15:54	0.0349	0.0077	
12/16/2015 15:53	0.035	0.0077	
12/16/2015 15:52	0.0351	0.0076	
12/16/2015 15:51	0.0351	0.0076	
12/16/2015 15:50	0.0351	0.0075	
12/16/2015 15:49	0.0352	0.0075	
12/16/2015 15:48	0.0353	0.0074	
12/16/2015 15:47	0.0351	0.0072	
12/16/2015 15:46	0.0352	0.0071	
12/16/2015 15:45	0.0351	0.0069	
12/16/2015 15:44	0.0352	0.0069	
12/16/2015 15:43	0.0349	0.0067	
12/16/2015 15:42	0.0348	0.0067	
12/16/2015 15:41	0.0349	0.0067	
12/16/2015 15:40	0.035	0.0066	
12/16/2015 15:39	0.0351	0.0067	
12/16/2015 15:38	0.035	0.0068	
12/16/2015 15:37	0.035	0.0068	
12/16/2015 15:36	0.035	0.0067	
12/16/2015 15:35	0.0349	0.0067	
12/16/2015 15:34	0.0345	0.0067	
12/16/2015 15:33	0.0343	0.0066	
12/16/2015 15:32	0.0343	0.0066	
12/16/2015 15:31	0.0339	0.0066	
12/16/2015 15:30	0.0339	0.0065	
12/16/2015 15:29	0.0338	0.0065	
12/16/2015 15:28	0.0337	0.0065	
12/16/2015 15:27	0.0339	0.0064	
12/16/2015 15:26	0.0337	0.0063	
12/16/2015 15:25	0.0336	0.0063	
12/16/2015 15:24	0.0336	0.0065	
12/16/2015 15:23	0.0336	0.0063	
12/16/2015 15:22	0.0334	0.0063	
12/16/2015 15:21	0.0335	0.0063	
12/16/2015 15:20	0.0337	0.0063	
12/16/2015 15:19	0.0339	0.0063	
12/16/2015 15:18	0.0339	0.0063	
12/16/2015 15:17	0.0341	0.0063	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 15:16	0.0343	0.0063	
12/16/2015 15:15	0.0343	0.0063	
12/16/2015 15:14	0.0344	0.0062	
12/16/2015 15:13	0.0347	0.0062	
12/16/2015 15:12	0.0348	0.0062	
12/16/2015 15:11	0.0349	0.0062	
12/16/2015 15:10	0.0349	0.0062	
12/16/2015 15:09	0.0351	0.006	
12/16/2015 15:08	0.0351	0.0061	
12/16/2015 15:07	0.0351	0.0061	
12/16/2015 15:06	0.0351	0.0061	
12/16/2015 15:05	0.0352	0.0062	
12/16/2015 15:04	0.0351	0.0063	
12/16/2015 15:03	0.0351	0.0063	
12/16/2015 15:02	0.0349	0.0063	
12/16/2015 15:01	0.0349	0.0064	
12/16/2015 15:00	0.0349	0.0065	
12/16/2015 14:59	0.0347	0.0065	
12/16/2015 14:58	0.0345	0.0065	
12/16/2015 14:57	0.0343	0.0065	
12/16/2015 14:56	0.0341	0.0066	
12/16/2015 14:55	0.0341	0.0067	
12/16/2015 14:54	0.034	0.0067	
12/16/2015 14:53	0.0339	0.0066	
12/16/2015 14:52	0.0341	0.0067	
12/16/2015 14:51	0.0339	0.0066	
12/16/2015 14:50	0.0337	0.0065	
12/16/2015 14:49	0.0337	0.0065	
12/16/2015 14:48	0.0338	0.0065	
12/16/2015 14:47	0.0338	0.0064	
12/16/2015 14:46	0.0336	0.0063	
12/16/2015 14:45	0.0336	0.0063	
12/16/2015 14:44	0.0335	0.0063	
12/16/2015 14:43	0.0335	0.0063	
12/16/2015 14:42	0.0335	0.0063	
12/16/2015 14:41	0.0335	0.0062	
12/16/2015 14:40	0.0335	0.0061	
12/16/2015 14:39	0.0334	0.0061	
12/16/2015 14:38	0.0333	0.0061	
12/16/2015 14:37	0.0331	0.0061	
12/16/2015 14:36	0.0329	0.0062	
12/16/2015 14:35	0.0329	0.0062	
12/16/2015 14:34	0.0328	0.0063	
12/16/2015 14:33	0.0325	0.0063	
12/16/2015 14:32	0.0324	0.0064	
12/16/2015 14:31	0.0323	0.0064	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 14:30	0.0321	0.0064	
12/16/2015 14:29	0.0321	0.0065	
12/16/2015 14:28	0.0323	0.0065	
12/16/2015 14:27	0.0323		
12/16/2015 14:26	0.0324	0.0065	
12/16/2015 14:25	0.0324	0.0065	
12/16/2015 14:24	0.0324	0.0065	
12/16/2015 14:23	0.0323	0.0065	
12/16/2015 14:22	0.0324	0.0065	
12/16/2015 14:21	0.0325	0.0065	
12/16/2015 14:20	0.0325	0.0065	
12/16/2015 14:19	0.0324	0.0065	
12/16/2015 14:18	0.0325	0.0066	
12/16/2015 14:17	0.0326	0.0066	
12/16/2015 14:16	0.0326	0.0066	
12/16/2015 14:15	0.0328	0.0066	
12/16/2015 14:14	0.0328	0.0066	
12/16/2015 14:13	0.0327	0.0067	
12/16/2015 14:12	0.0325	0.0067	
12/16/2015 14:11	0.0322	0.0067	
12/16/2015 14:10	0.0321	0.0069	
12/16/2015 14:09	0.0321	0.0071	
12/16/2015 14:08	0.032	0.0072	
12/16/2015 14:07	0.0319	0.0073	
12/16/2015 14:06	0.0317	0.0074	
12/16/2015 14:05	0.0317	0.0074	
12/16/2015 14:04	0.0318	0.0075	
12/16/2015 14:03	0.0318	0.0075	
12/16/2015 14:02	0.0317	0.0076	
12/16/2015 14:01	0.0319	0.0077	
12/16/2015 14:00	0.0318	0.0077	
12/16/2015 13:59	0.0317	0.0078	
12/16/2015 13:58	0.0317	0.0079	
12/16/2015 13:57	0.0317	0.0079	
12/16/2015 13:56	0.0317	0.008	
12/16/2015 13:55	0.0316	0.008	
12/16/2015 13:54	0.0316	0.008	
12/16/2015 13:53	0.0315	0.0081	
12/16/2015 13:52	0.0317	0.0081	
12/16/2015 13:51	0.0317	0.0081	
12/16/2015 13:50	0.0317	0.0083	
12/16/2015 13:49	0.0318	0.0083	
12/16/2015 13:48	0.0318	0.0084	
12/16/2015 13:47	0.0319	0.0085	
12/16/2015 13:46	0.032	0.0085	
12/16/2015 13:45	0.032	0.0086	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 13:44	0.0322	0.0087	
12/16/2015 13:43	0.0323	0.0087	
12/16/2015 13:42	0.0325	0.0088	
12/16/2015 13:41	0.0325	0.0089	
12/16/2015 13:40	0.0326	0.0089	
12/16/2015 13:39	0.0326	0.0089	
12/16/2015 13:38	0.0327	0.0089	
12/16/2015 13:37	0.0326	0.009	
12/16/2015 13:36	0.0325	0.009	
12/16/2015 13:35	0.0325	0.009	
12/16/2015 13:34	0.0323	0.009	
12/16/2015 13:33	0.0323	0.009	
12/16/2015 13:32	0.0323	0.0091	
12/16/2015 13:31	0.0322	0.0091	
12/16/2015 13:30	0.0322	0.0091	
12/16/2015 13:29	0.0323	0.0091	
12/16/2015 13:28	0.0321	0.0091	
12/16/2015 13:27	0.0321	0.0091	
12/16/2015 13:26	0.032	0.0091	
12/16/2015 13:25	0.0319	0.0092	
12/16/2015 13:24	0.0319	0.0092	
12/16/2015 13:23	0.0319	0.0092	
12/16/2015 13:22	0.0317	0.0092	
12/16/2015 13:21	0.0319	0.0092	
12/16/2015 13:20	0.0321	0.0092	
12/16/2015 13:19	0.0321	0.0092	
12/16/2015 13:18	0.0319	0.0092	
12/16/2015 13:17	0.0318	0.0091	
12/16/2015 13:16	0.0319	0.0091	
12/16/2015 13:15	0.0319	0.0091	
12/16/2015 13:14	0.0317	0.0091	
12/16/2015 13:13	0.0318	0.0091	
12/16/2015 13:12	0.0315	0.0091	
12/16/2015 13:11	0.0314	0.0091	
12/16/2015 13:10	0.0315	0.0091	
12/16/2015 13:09	0.0315	0.009	
12/16/2015 13:08	0.0317	0.0089	
12/16/2015 13:07	0.0317	0.0089	
12/16/2015 13:06	0.0317	0.0089	
12/16/2015 13:05	0.0317	0.0088	
12/16/2015 13:04	0.0315	0.0087	
12/16/2015 13:03	0.0316	0.0086	
12/16/2015 13:02	0.0317	0.0085	
12/16/2015 13:01	0.0316	0.0083	
12/16/2015 13:00	0.0315	0.0082	
12/16/2015 12:59	0.0316	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 12:58	0.0314	0.0079	
12/16/2015 12:57	0.0314	0.0079	
12/16/2015 12:56	0.0313	0.0077	
12/16/2015 12:55	0.0311	0.0076	
12/16/2015 12:54	0.0309	0.0075	
12/16/2015 12:53	0.0307	0.0075	
12/16/2015 12:52	0.0307	0.0073	
12/16/2015 12:51	0.0305	0.0073	
12/16/2015 12:50	0.0302	0.0072	
12/16/2015 12:49	0.0303	0.0071	
12/16/2015 12:48	0.03	0.0071	
12/16/2015 12:47	0.0297	0.0071	
12/16/2015 12:46	0.0297	0.0071	
12/16/2015 12:45	0.0295	0.0071	
12/16/2015 12:44	0.0292	0.0071	
12/16/2015 12:43	0.0291	0.0071	
12/16/2015 12:42	0.0292	0.0071	
12/16/2015 12:41	0.0292	0.0071	
12/16/2015 12:40	0.0289	0.007	
12/16/2015 12:39	0.0287	0.007	
12/16/2015 12:38	0.0285	0.007	
12/16/2015 12:37	0.0283	0.007	
12/16/2015 12:36	0.0283	0.0071	
12/16/2015 12:35	0.0282	0.0071	
12/16/2015 12:34	0.028	0.0071	
12/16/2015 12:33	0.0281	0.0071	
12/16/2015 12:32	0.0279	0.0071	
12/16/2015 12:31	0.0277	0.0071	
12/16/2015 12:30	0.0277	0.0071	
12/16/2015 12:29	0.0277	0.0071	
12/16/2015 12:28	0.0277	0.0071	
12/16/2015 12:27	0.0274	0.0071	
12/16/2015 12:26	0.0274	0.0071	
12/16/2015 12:25	0.0274	0.0071	
12/16/2015 12:24	0.0274	0.0071	
12/16/2015 12:23	0.0273	0.0071	
12/16/2015 12:22	0.0273	0.0071	
12/16/2015 12:21	0.0273	0.0071	
12/16/2015 12:20	0.0273	0.0072	
12/16/2015 12:19	0.0273	0.0073	
12/16/2015 12:18	0.027	0.0073	
12/16/2015 12:17	0.027	0.0073	
12/16/2015 12:16	0.0269	0.0073	
12/16/2015 12:15	0.0269	0.0074	
12/16/2015 12:14	0.0269	0.0075	
12/16/2015 12:13	0.0269	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 12:12	0.0271	0.0075	
12/16/2015 12:11	0.0271	0.0076	
12/16/2015 12:10	0.0271	0.0077	
12/16/2015 12:09	0.0273	0.0079	
12/16/2015 12:08	0.0274	0.0079	
12/16/2015 12:07	0.0273	0.008	
12/16/2015 12:06	0.0272	0.0079	
12/16/2015 12:05	0.0272	0.0079	
12/16/2015 12:04	0.0271	0.0079	
12/16/2015 12:03	0.0271	0.0079	
12/16/2015 12:02	0.0272	0.0079	
12/16/2015 12:01	0.0273	0.008	
12/16/2015 12:00	0.0271	0.008	
12/16/2015 11:59	0.0269	0.008	
12/16/2015 11:58	0.0268	0.0079	
12/16/2015 11:57	0.0265	0.0079	
12/16/2015 11:56	0.0262	0.0078	
12/16/2015 11:55	0.0263	0.0077	
12/16/2015 11:54	0.0259	0.0076	
12/16/2015 11:53	0.0257	0.0075	
12/16/2015 11:52	0.0255	0.0075	
12/16/2015 11:51	0.0253	0.0075	
12/16/2015 11:50	0.0251	0.0074	
12/16/2015 11:49	0.0249	0.0073	
12/16/2015 11:48	0.0249	0.0073	
12/16/2015 11:47	0.0248	0.0073	
12/16/2015 11:46	0.0245	0.0072	
12/16/2015 11:45	0.0244	0.0071	
12/16/2015 11:44	0.0241	0.0071	
12/16/2015 11:43	0.0238	0.0071	
12/16/2015 11:42	0.0237	0.0071	
12/16/2015 11:41	0.0236	0.0071	
12/16/2015 11:40	0.0233	0.0071	
12/16/2015 11:39	0.0231	0.007	
12/16/2015 11:38	0.0229	0.0069	
12/16/2015 11:37	0.0229	0.0069	
12/16/2015 11:36	0.0229	0.0068	
12/16/2015 11:35	0.0227	0.0067	
12/16/2015 11:34	0.0226	0.0067	
12/16/2015 11:33	0.0225	0.0066	
12/16/2015 11:32	0.0224	0.0065	
12/16/2015 11:31	0.0223	0.0065	
12/16/2015 11:30	0.0221	0.0063	
12/16/2015 11:29	0.0221	0.0062	
12/16/2015 11:28	0.0219	0.0061	
12/16/2015 11:27	0.0218	0.0059	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 11:26	0.0215	0.0058	
12/16/2015 11:25	0.0213	0.0057	
12/16/2015 11:24	0.0213	0.0055	
12/16/2015 11:23	0.0211	0.0055	
12/16/2015 11:22	0.0209	0.0054	
12/16/2015 11:21	0.0207	0.0053	
12/16/2015 11:20	0.0205	0.0053	
12/16/2015 11:19	0.0202	0.0053	
12/16/2015 11:18	0.0199	0.0053	
12/16/2015 11:17	0.0194	0.0052	
12/16/2015 11:16	0.0193	0.0051	
12/16/2015 11:15	0.0191	0.0051	
12/16/2015 11:14	0.0191	0.0051	
12/16/2015 11:13	0.0189	0.0051	
12/16/2015 11:12	0.0189	0.0051	
12/16/2015 11:11	0.0189	0.0051	
12/16/2015 11:10	0.0189	0.0051	
12/16/2015 11:09	0.0185	0.0051	
12/16/2015 11:08	0.0184	0.0051	
12/16/2015 11:07	0.0182	0.0051	
12/16/2015 11:06	0.0181	0.0051	
12/16/2015 11:05	0.0179	0.0051	
12/16/2015 11:04	0.0178	0.005	
12/16/2015 11:03	0.0177	0.005	
12/16/2015 11:02	0.0177	0.0051	
12/16/2015 11:01	0.0175		
12/16/2015 11:00	0.0173	0.0053	
12/16/2015 10:59	0.017	0.0053	
12/16/2015 10:58	0.0167	0.0053	
12/16/2015 10:57	0.0164	0.0053	
12/16/2015 10:56	0.0161	0.0053	
12/16/2015 10:55	0.0157	0.0052	
12/16/2015 10:54	0.0157	0.0051	
12/16/2015 10:53	0.0155	0.0051	
12/16/2015 10:52	0.0154	0.005	
12/16/2015 10:51	0.0152	0.0049	
12/16/2015 10:50	0.0149	0.0049	
12/16/2015 10:49	0.0146	0.0049	
12/16/2015 10:48	0.0142	0.0048	
12/16/2015 10:47	0.0139	0.0046	
12/16/2015 10:46	0.0137	0.0045	
12/16/2015 10:45	0.0134	0.0044	
12/16/2015 10:44	0.0133	0.0044	
12/16/2015 10:43	0.0131	0.0045	
12/16/2015 10:42	0.0129	0.0045	
12/16/2015 10:41	0.0126	0.0044	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 10:40	0.0124	0.0044	
12/16/2015 10:39	0.0119	0.0044	
12/16/2015 10:38	0.0117	0.0044	
12/16/2015 10:37	0.0115	0.0044	
12/16/2015 10:36	0.0111	0.0044	
12/16/2015 10:35	0.011	0.0044	
12/16/2015 10:34	0.0109	0.0043	
12/16/2015 10:33	0.0107	0.0043	
12/16/2015 10:32	0.0105	0.0043	
12/16/2015 10:31	0.0103	0.0043	
12/16/2015 10:30	0.01	0.0042	
12/16/2015 10:29	0.0096	0.0041	
12/16/2015 10:28	0.0093	0.0041	
12/16/2015 10:27	0.009	0.004	
12/16/2015 10:26	0.0086	0.004	
12/16/2015 10:25	0.0083	0.004	
12/16/2015 10:24	0.008	0.004	
12/16/2015 10:23	0.0075	0.004	
12/16/2015 10:22	0.0072	0.004	
12/16/2015 10:21	0.0068	0.004	
12/16/2015 10:20	0.0065	0.004	
12/16/2015 10:19	0.0059	0.004	
12/16/2015 10:18	0.0054	0.004	
12/16/2015 10:17	0.005	0.004	
12/16/2015 10:16	0.0049	0.004	
12/16/2015 10:15	0.0046	0.004	
12/16/2015 10:14	0.0042	0.004	
12/16/2015 10:13	0.0037	0.004	
12/16/2015 10:12	0.0033	0.004	
12/16/2015 10:11	0.0031	0.004	
12/16/2015 10:10	0.0027	0.004	
12/16/2015 10:09	0.0025	0.004	
12/16/2015 10:08	0.0022	0.004	
12/16/2015 10:07	0.0017	0.004	
12/16/2015 10:06	0.0015	0.0041	
12/16/2015 10:05	0.0011	0.0041	
12/16/2015 10:04	0.001	0.0041	
12/16/2015 10:03	0.0009	0.0041	
12/16/2015 10:02	0.0008	0.0042	
12/16/2015 10:01	0.0003	0.0043	
12/16/2015 10:00	0.0001	0.0043	
12/16/2015 9:59	0.0001	0.0044	
12/16/2015 9:58	0	0.0045	
12/16/2015 9:57	0	0.0045	
12/16/2015 9:56	0	0.0047	
12/16/2015 9:55	0	0.0051	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 9:54	0	0.0054	
12/16/2015 9:53	0	0.0057	
12/16/2015 9:52	0	0.0059	
12/16/2015 9:51	0	0.0061	
12/16/2015 9:50	0	0.0063	
12/16/2015 9:49	0	0.0066	
12/16/2015 9:48	0	0.0069	
12/16/2015 9:47	0	0.0069	
12/16/2015 9:46	0	0.007	
12/16/2015 9:45	0	0.0071	
12/16/2015 9:44	0	0.0073	
12/16/2015 9:43	0	0.0075	
12/16/2015 9:42	0	0.0077	
12/16/2015 9:41	0	0.0078	
12/16/2015 9:40	0	0.0078	
12/16/2015 9:39	0	0.0078	
12/16/2015 9:38	0	0.0079	
12/16/2015 9:37	0	0.008	
12/16/2015 9:36	0	0.0081	
12/16/2015 9:35	0	0.0081	
12/16/2015 9:34	0	0.0081	
12/16/2015 9:33	0	0.0081	
12/16/2015 9:32	0	0.0083	
12/16/2015 9:31	0	0.0084	
12/16/2015 9:30	0	0.0085	
12/16/2015 9:29	0	0.0087	
12/16/2015 9:28	0	0.0087	
12/16/2015 9:27	0	0.0087	
12/16/2015 9:26	0	0.0088	
12/16/2015 9:25	0	0.0088	
12/16/2015 9:24	0	0.0088	
12/16/2015 9:23	0	0.0088	
12/16/2015 9:22	0	0.009	
12/16/2015 9:21	0	0.009	
12/16/2015 9:20	0	0.0091	
12/16/2015 9:19	0	0.0091	
12/16/2015 9:18	0	0.0091	
12/16/2015 9:17	0	0.0091	
12/16/2015 9:16	0	0.0092	
12/16/2015 9:15	0	0.0093	
12/16/2015 9:14	0	0.0094	
12/16/2015 9:13	0	0.0094	
12/16/2015 9:12	0	0.0094	
12/16/2015 9:11	0	0.0093	
12/16/2015 9:10	0	0.0093	
12/16/2015 9:09	0	0.0093	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 9:08	0	0.0092	
12/16/2015 9:07	0	0.0089	
12/16/2015 9:06	0	0.0089	
12/16/2015 9:05	0	0.0088	
12/16/2015 9:04	0	0.0087	
12/16/2015 9:03	0	0.0088	
12/16/2015 9:02	0	0.0088	
12/16/2015 9:01	0	0.0088	
12/16/2015 9:00	0	0.0087	
12/16/2015 8:59	0	0.0086	
12/16/2015 8:58	0	0.0086	
12/16/2015 8:57	0	0.0086	
12/16/2015 8:56	0	0.0086	
12/16/2015 8:55	0	0.0085	
12/16/2015 8:54	0	0.0085	
12/16/2015 8:53	0	0.0085	
12/16/2015 8:52	0	0.0086	
12/16/2015 8:51	0	0.0087	
12/16/2015 8:50	0	0.0088	
12/16/2015 8:49	0	0.0089	
12/16/2015 8:48	0	0.0088	
12/16/2015 8:47	0	0.0088	
12/16/2015 8:46	0	0.0088	
12/16/2015 8:45	0	0.0088	
12/16/2015 8:44	0	0.0087	
12/16/2015 8:43	0	0.0087	
12/16/2015 8:42	0	0.0087	
12/16/2015 8:41	0	0.0088	
12/16/2015 8:40	0	0.0088	
12/16/2015 8:39	0	0.0089	
12/16/2015 8:38	0	0.009	
12/16/2015 8:37	0	0.009	
12/16/2015 8:36	0	0.0089	
12/16/2015 8:35	0	0.0089	
12/16/2015 8:34	0	0.0088	
12/16/2015 8:33	0	0.0088	
12/16/2015 8:32	0	0.0087	
12/16/2015 8:31	0	0.0087	
12/16/2015 8:30	0	0.0085	
12/16/2015 8:29	0	0.009	
12/15/2015 15:32	0.0461	0.002	
12/15/2015 15:31	0.046	0.002	
12/15/2015 15:30	0.0459	0.002	
12/15/2015 15:29	0.0457	0.002	
12/15/2015 15:28	0.0455	0.002	
12/15/2015 15:27	0.0454	0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 15:26	0.0453	0.002	
12/15/2015 15:25	0.0453	0.002	
12/15/2015 15:24	0.0453	0.002	
12/15/2015 15:23	0.0453	0.002	
12/15/2015 15:22	0.0453	0.0021	
12/15/2015 15:21	0.0453	0.0021	
12/15/2015 15:20	0.0452	0.0021	
12/15/2015 15:19	0.045	0.0021	
12/15/2015 15:18	0.045	0.0021	
12/15/2015 15:17	0.0451	0.0021	
12/15/2015 15:16	0.045	0.0021	
12/15/2015 15:15	0.0451	0.0021	
12/15/2015 15:14	0.0451	0.0021	
12/15/2015 15:13	0.0451	0.0021	
12/15/2015 15:12	0.0451	0.0021	
12/15/2015 15:11	0.0451	0.0021	
12/15/2015 15:10	0.0451	0.0021	
12/15/2015 15:09	0.0451	0.0021	
12/15/2015 15:08	0.0451	0.0021	
12/15/2015 15:07	0.0451	0.002	
12/15/2015 15:06	0.045	0.002	
12/15/2015 15:05	0.045	0.002	
12/15/2015 15:04	0.0451	0.002	
12/15/2015 15:03	0.0451	0.002	
12/15/2015 15:02	0.0451	0.002	
12/15/2015 15:01	0.045	0.002	
12/15/2015 15:00	0.0449	0.002	
12/15/2015 14:59	0.0449	0.002	
12/15/2015 14:58	0.0449	0.002	
12/15/2015 14:57	0.0449	0.002	
12/15/2015 14:56	0.045	0.002	
12/15/2015 14:55	0.045	0.002	
12/15/2015 14:54	0.0449	0.002	
12/15/2015 14:53	0.0447	0.002	
12/15/2015 14:52	0.0446	0.002	
12/15/2015 14:51	0.0448	0.002	
12/15/2015 14:50	0.0446	0.002	
12/15/2015 14:49	0.0446	0.002	
12/15/2015 14:48	0.0446	0.002	
12/15/2015 14:47	0.0446	0.002	
12/15/2015 14:46	0.0445	0.002	
12/15/2015 14:45	0.0445	0.002	
12/15/2015 14:44	0.0443	0.002	
12/15/2015 14:43	0.0443	0.002	
12/15/2015 14:42	0.0444	0.002	
12/15/2015 14:41			

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 14:40	0.0441	0.002	
12/15/2015 14:39	0.0442	0.002	
12/15/2015 14:38	0.0443	0.002	
12/15/2015 14:37	0.0443	0.002	
12/15/2015 14:36	0.0441	0.002	
12/15/2015 14:35	0.0442	0.002	
12/15/2015 14:34	0.0441	0.002	
12/15/2015 14:33	0.0441	0.002	
12/15/2015 14:32	0.0441	0.002	
12/15/2015 14:31	0.0441	0.002	
12/15/2015 14:30	0.0441	0.002	
12/15/2015 14:29	0.0442	0.002	
12/15/2015 14:28	0.0442	0.002	
12/15/2015 14:27	0.0442	0.002	
12/15/2015 14:26	0.0443	0.002	
12/15/2015 14:25	0.0445	0.002	
12/15/2015 14:24	0.0445	0.002	
12/15/2015 14:23	0.0444	0.002	
12/15/2015 14:22	0.0444	0.002	
12/15/2015 14:21	0.0445	0.002	
12/15/2015 14:20	0.0445	0.002	
12/15/2015 14:19	0.0445	0.002	
12/15/2015 14:18	0.0446	0.002	
12/15/2015 14:17	0.0446	0.002	
12/15/2015 14:16	0.0448	0.002	
12/15/2015 14:15	0.0449	0.002	
12/15/2015 14:14	0.0449	0.002	
12/15/2015 14:13	0.0449	0.002	
12/15/2015 14:12	0.0449	0.002	
12/15/2015 14:11	0.0449	0.002	
12/15/2015 14:10	0.0447	0.002	
12/15/2015 14:09	0.0448	0.002	
12/15/2015 14:08	0.0448	0.002	
12/15/2015 14:07	0.0448	0.002	
12/15/2015 14:06	0.0449	0.002	
12/15/2015 14:05	0.0449	0.002	
12/15/2015 14:04	0.045	0.0021	
12/15/2015 14:03	0.0451	0.0021	
12/15/2015 14:02	0.0451	0.0021	
12/15/2015 14:01	0.045	0.0021	
12/15/2015 14:00	0.045	0.0021	
12/15/2015 13:59	0.045	0.0021	
12/15/2015 13:58	0.0453	0.0021	
12/15/2015 13:57	0.0453	0.0021	
12/15/2015 13:56	0.0455	0.0021	
12/15/2015 13:55	0.0457	0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 13:54	0.0457	0.0021	
12/15/2015 13:53	0.0457	0.0022	
12/15/2015 13:52	0.0457	0.0022	
12/15/2015 13:51	0.0459	0.0022	
12/15/2015 13:50	0.046	0.0022	
12/15/2015 13:49	0.0459	0.0022	
12/15/2015 13:48	0.0457	0.0022	
12/15/2015 13:47	0.0456	0.0022	
12/15/2015 13:46	0.0455	0.0023	
12/15/2015 13:45	0.0454	0.0023	
12/15/2015 13:44	0.0453	0.0023	
12/15/2015 13:43	0.045	0.0023	
12/15/2015 13:42	0.0449	0.0024	
12/15/2015 13:41	0.0447	0.0024	
12/15/2015 13:40	0.0446	0.0024	
12/15/2015 13:39	0.0447	0.0024	
12/15/2015 13:38	0.0448	0.0023	
12/15/2015 13:37	0.0449	0.0024	
12/15/2015 13:36	0.0446	0.0025	
12/15/2015 13:35	0.0445	0.0025	
12/15/2015 13:34	0.0447	0.0025	
12/15/2015 13:33	0.0447	0.0025	
12/15/2015 13:32	0.0448	0.0025	
12/15/2015 13:31	0.0449	0.0024	
12/15/2015 13:30	0.045	0.0024	
12/15/2015 13:29	0.045	0.0023	
12/15/2015 13:28	0.0449	0.0024	
12/15/2015 13:27	0.0447	0.0023	
12/15/2015 13:26	0.0448	0.0023	
12/15/2015 13:25	0.0447	0.0023	
12/15/2015 13:24	0.0445	0.0023	
12/15/2015 13:23	0.0445	0.0023	
12/15/2015 13:22	0.0443	0.0022	
12/15/2015 13:21	0.0443	0.0021	
12/15/2015 13:20	0.0443		
12/15/2015 13:19	0.0441	0.0021	
12/15/2015 13:18	0.0442	0.0021	
12/15/2015 13:17	0.0443	0.0021	
12/15/2015 13:16	0.0441	0.0021	
12/15/2015 13:15	0.0442	0.0021	
12/15/2015 13:14	0.0442	0.0021	
12/15/2015 13:13	0.0443	0.002	
12/15/2015 13:12	0.0445	0.002	
12/15/2015 13:11	0.0446	0.002	
12/15/2015 13:10	0.0447	0.002	
12/15/2015 13:09	0.0447	0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 13:08	0.0447	0.0021	
12/15/2015 13:07	0.0447	0.0021	
12/15/2015 13:06	0.0448	0.0021	
12/15/2015 13:05	0.0449	0.0021	
12/15/2015 13:04	0.0449	0.0021	
12/15/2015 13:03	0.0448	0.0021	
12/15/2015 13:02	0.0446	0.0021	
12/15/2015 13:01	0.0446	0.0021	
12/15/2015 13:00	0.0445	0.0022	
12/15/2015 12:59	0.0446	0.0022	
12/15/2015 12:58	0.0448	0.0022	
12/15/2015 12:57	0.0449	0.0023	
12/15/2015 12:56	0.0449	0.0023	
12/15/2015 12:55	0.0449	0.0023	
12/15/2015 12:54	0.0448	0.0023	
12/15/2015 12:53	0.045	0.0022	
12/15/2015 12:52	0.0449	0.0022	
12/15/2015 12:51	0.0446	0.0022	
12/15/2015 12:50	0.0445	0.0023	
12/15/2015 12:49	0.0445	0.0023	
12/15/2015 12:48	0.0443	0.0024	
12/15/2015 12:47	0.0445	0.0025	
12/15/2015 12:46	0.0446	0.0025	
12/15/2015 12:45	0.0446	0.0025	
12/15/2015 12:44	0.0444	0.0025	
12/15/2015 12:43	0.0441	0.0026	
12/15/2015 12:42	0.044	0.0026	
12/15/2015 12:41	0.0438	0.0027	
12/15/2015 12:40	0.0435	0.0027	
12/15/2015 12:39	0.0436	0.0028	
12/15/2015 12:38	0.0435	0.0029	
12/15/2015 12:37	0.0437	0.0029	
12/15/2015 12:36	0.0438	0.003	
12/15/2015 12:35	0.0439	0.003	
12/15/2015 12:34	0.0438	0.003	
12/15/2015 12:33	0.044	0.003	
12/15/2015 12:32	0.0439	0.003	
12/15/2015 12:31	0.0437	0.003	
12/15/2015 12:30	0.0436	0.003	
12/15/2015 12:29	0.0437	0.003	
12/15/2015 12:28	0.0437	0.003	
12/15/2015 12:27	0.0437	0.0031	
12/15/2015 12:26	0.0435	0.0031	
12/15/2015 12:25	0.0436	0.0031	
12/15/2015 12:24	0.0435	0.0031	
12/15/2015 12:23	0.0436	0.0031	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 12:22	0.0436	0.0031	
12/15/2015 12:21	0.0435	0.0031	
12/15/2015 12:20	0.0435	0.0031	
12/15/2015 12:19	0.0435	0.0031	
12/15/2015 12:18	0.0434	0.0031	
12/15/2015 12:17	0.0433	0.0031	
12/15/2015 12:16	0.0435	0.0031	
12/15/2015 12:15	0.0436	0.0031	
12/15/2015 12:14	0.0436	0.0031	
12/15/2015 12:13	0.0436	0.0031	
12/15/2015 12:12	0.0439	0.003	
12/15/2015 12:11	0.0441	0.003	
12/15/2015 12:10	0.0441	0.003	
12/15/2015 12:09	0.0441	0.003	
12/15/2015 12:08	0.0441	0.003	
12/15/2015 12:07	0.044	0.003	
12/15/2015 12:06	0.0442	0.003	
12/15/2015 12:05	0.0442	0.003	
12/15/2015 12:04	0.0444	0.003	
12/15/2015 12:03	0.0445	0.003	
12/15/2015 12:02	0.0448	0.003	
12/15/2015 12:01	0.0451	0.003	
12/15/2015 12:00	0.0451	0.003	
12/15/2015 11:59	0.0451	0.003	
12/15/2015 11:58	0.0452	0.003	
12/15/2015 11:57	0.045	0.003	
12/15/2015 11:56	0.0451	0.003	
12/15/2015 11:55	0.0451	0.003	
12/15/2015 11:54	0.0452	0.003	
12/15/2015 11:53	0.0453	0.003	
12/15/2015 11:52	0.0453	0.003	
12/15/2015 11:51	0.0453	0.003	
12/15/2015 11:50	0.0454	0.003	
12/15/2015 11:49	0.0453	0.003	
12/15/2015 11:48	0.0451	0.003	
12/15/2015 11:47	0.0449	0.003	
12/15/2015 11:46	0.045	0.003	
12/15/2015 11:45	0.0452	0.003	
12/15/2015 11:44	0.0451	0.003	
12/15/2015 11:43	0.0452	0.003	
12/15/2015 11:42	0.0451	0.003	
12/15/2015 11:41	0.0453	0.003	
12/15/2015 11:40	0.0454	0.003	
12/15/2015 11:39	0.0457	0.003	
12/15/2015 11:38	0.0459	0.003	
12/15/2015 11:37	0.0458	0.003	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 11:36	0.0457	0.003	
12/15/2015 11:35	0.0456	0.003	
12/15/2015 11:34	0.0457	0.003	
12/15/2015 11:33	0.0458	0.003	
12/15/2015 11:32	0.0458	0.003	
12/15/2015 11:31	0.0457	0.003	
12/15/2015 11:30	0.0456	0.003	
12/15/2015 11:29	0.0457	0.003	
12/15/2015 11:28	0.0455	0.003	
12/15/2015 11:27	0.0455	0.003	
12/15/2015 11:26	0.0453	0.003	
12/15/2015 11:25	0.0451	0.003	
12/15/2015 11:24	0.0448	0.003	
12/15/2015 11:23	0.0445	0.003	
12/15/2015 11:22	0.0445	0.003	
12/15/2015 11:21	0.0443	0.003	
12/15/2015 11:20	0.0445	0.003	
12/15/2015 11:19	0.0445	0.003	
12/15/2015 11:18	0.0445	0.003	
12/15/2015 11:17	0.0446	0.003	
12/15/2015 11:16	0.0445	0.003	
12/15/2015 11:15	0.0444	0.003	
12/15/2015 11:14	0.0444	0.003	
12/15/2015 11:13	0.0449	0.003	
12/15/2015 11:12	0.0449	0.003	
12/15/2015 11:11	0.0451	0.003	
12/15/2015 11:10	0.0453	0.003	
12/15/2015 11:09	0.0455	0.003	
12/15/2015 11:08	0.0457	0.003	
12/15/2015 11:07	0.0456	0.003	
12/15/2015 11:06	0.0459	0.003	
12/15/2015 11:05	0.0458	0.003	
12/15/2015 11:04	0.0458	0.003	
12/15/2015 11:03	0.0457	0.003	
12/15/2015 11:02	0.0457	0.003	
12/15/2015 11:01	0.0458	0.003	
12/15/2015 11:00	0.0459	0.003	
12/15/2015 10:59	0.046	0.003	
12/15/2015 10:58	0.0459	0.003	
12/15/2015 10:57	0.0455	0.003	
12/15/2015 10:56	0.0455	0.0029	
12/15/2015 10:55	0.0453	0.0029	
12/15/2015 10:54	0.0451	0.0029	
12/15/2015 10:53	0.045	0.0029	
12/15/2015 10:52	0.0451	0.0029	
12/15/2015 10:51	0.045	0.0028	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 10:50	0.0449	0.0028	
12/15/2015 10:49	0.0449	0.0028	
12/15/2015 10:48	0.0449	0.0028	
12/15/2015 10:47	0.0448	0.0028	
12/15/2015 10:46	0.0447	0.0028	
12/15/2015 10:45	0.0443	0.0028	
12/15/2015 10:44	0.0442	0.0028	
12/15/2015 10:43	0.0439	0.0028	
12/15/2015 10:42	0.0441	0.0028	
12/15/2015 10:41	0.0441	0.0029	
12/15/2015 10:40	0.0443	0.0029	
12/15/2015 10:39	0.0441	0.0029	
12/15/2015 10:38	0.0439	0.0029	
12/15/2015 10:37	0.0439	0.0029	
12/15/2015 10:36	0.0439	0.003	
12/15/2015 10:35	0.0438	0.003	
12/15/2015 10:34	0.0439	0.003	
12/15/2015 10:33	0.0437	0.003	
12/15/2015 10:32	0.0436	0.003	
12/15/2015 10:31	0.0433	0.003	
12/15/2015 10:30	0.0433	0.003	
12/15/2015 10:29	0.0431	0.003	
12/15/2015 10:28	0.0429	0.003	
12/15/2015 10:27	0.0427	0.003	
12/15/2015 10:26	0.0426	0.003	
12/15/2015 10:25	0.0423	0.003	
12/15/2015 10:24	0.0422	0.003	
12/15/2015 10:23	0.0421	0.003	
12/15/2015 10:22	0.0418	0.003	
12/15/2015 10:21	0.0417	0.003	
12/15/2015 10:20	0.0415	0.003	
12/15/2015 10:19	0.0411	0.003	
12/15/2015 10:18	0.041	0.003	
12/15/2015 10:17	0.0407	0.003	
12/15/2015 10:16	0.0408	0.003	
12/15/2015 10:15	0.0407	0.003	
12/15/2015 10:14	0.0408	0.003	
12/15/2015 10:13	0.0409	0.003	
12/15/2015 10:12	0.0409	0.003	
12/15/2015 10:11	0.0407	0.003	
12/15/2015 10:10	0.0405	0.003	
12/15/2015 10:09	0.0403	0.003	
12/15/2015 10:08	0.0401	0.003	
12/15/2015 10:07	0.0398	0.003	
12/15/2015 10:06	0.0396	0.003	
12/15/2015 10:05	0.0393	0.003	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 10:04	0.0392	0.003	
12/15/2015 10:03	0.039	0.003	
12/15/2015 10:02	0.0389	0.003	
12/15/2015 10:01	0.0387	0.003	
12/15/2015 10:00	0.0386	0.003	
12/15/2015 9:59	0.0383	0.003	
12/15/2015 9:58	0.0381	0.003	
12/15/2015 9:57	0.0377	0.003	
12/15/2015 9:56	0.0373	0.0031	
12/15/2015 9:55	0.0371	0.0031	
12/15/2015 9:54	0.0371	0.0031	
12/15/2015 9:53	0.0369	0.0031	
12/15/2015 9:52	0.0369	0.0031	
12/15/2015 9:51	0.0368	0.0032	
12/15/2015 9:50	0.0367	0.0033	
12/15/2015 9:49	0.0363	0.0033	
12/15/2015 9:48	0.0362	0.0034	
12/15/2015 9:47	0.0361	0.0035	
12/15/2015 9:46	0.0357	0.0035	
12/15/2015 9:45	0.0354	0.0036	
12/15/2015 9:44	0.0349	0.0037	
12/15/2015 9:43	0.0347	0.0037	
12/15/2015 9:42	0.0345	0.0038	
12/15/2015 9:41	0.0346	0.0037	
12/15/2015 9:40	0.0342	0.0038	
12/15/2015 9:39	0.0341	0.0038	
12/15/2015 9:38	0.0337	0.0038	
12/15/2015 9:37	0.0334	0.0038	
12/15/2015 9:36	0.0331	0.0038	
12/15/2015 9:35	0.0328	0.0037	
12/15/2015 9:34	0.0327	0.0037	
12/15/2015 9:33	0.0323	0.0036	
12/15/2015 9:32	0.0319	0.0035	
12/15/2015 9:31	0.0317	0.0035	
12/15/2015 9:30	0.0315	0.0035	
12/15/2015 9:29	0.0313	0.0034	
12/15/2015 9:28	0.0309	0.0033	
12/15/2015 9:27	0.0306	0.0033	
12/15/2015 9:26	0.0301	0.0033	
12/15/2015 9:25	0.0299	0.0032	
12/15/2015 9:24	0.0293	0.0032	
12/15/2015 9:23	0.0291	0.0032	
12/15/2015 9:22	0.0288	0.0032	
12/15/2015 9:21	0.0285	0.0031	
12/15/2015 9:20	0.0281	0.0031	
12/15/2015 9:19	0.0279	0.0031	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 9:18	0.0273	0.0031	
12/15/2015 9:17	0.0268	0.0031	
12/15/2015 9:16	0.0264	0.0032	
12/15/2015 9:15	0.0258	0.0032	
12/15/2015 9:14	0.0253	0.0033	
12/15/2015 9:13	0.025	0.0033	
12/15/2015 9:12	0.0245	0.0033	
12/15/2015 9:11	0.0242	0.0034	
12/15/2015 9:10	0.0239	0.0035	
12/15/2015 9:09	0.0235	0.0035	
12/15/2015 9:08	0.0229	0.0035	
12/15/2015 9:07	0.0224	0.0035	
12/15/2015 9:06	0.0218	0.0036	
12/15/2015 9:05	0.0214	0.0036	
12/15/2015 9:04	0.0208	0.0037	
12/15/2015 9:03	0.0206	0.0037	
12/15/2015 9:02	0.0201	0.0037	
12/15/2015 9:01	0.0199	0.0037	
12/15/2015 9:00	0.0194	0.0037	
12/15/2015 8:59	0.0191	0.0036	
12/15/2015 8:58	0.0187	0.0037	
12/15/2015 8:57	0.0183	0.0036	
12/15/2015 8:56	0.018	0.0035	
12/15/2015 8:55	0.0175	0.0035	
12/15/2015 8:54	0.0171	0.0035	
12/15/2015 8:53	0.0169	0.0034	
12/15/2015 8:52	0.0165	0.0033	
12/15/2015 8:51	0.0163	0.0033	
12/15/2015 8:50	0.0158	0.0033	
12/15/2015 8:49	0.0153	0.0032	
12/15/2015 8:48	0.0148	0.0032	
12/15/2015 8:47	0.0144	0.0032	
12/15/2015 8:46	0.0137	0.0031	
12/15/2015 8:45	0.0133	0.0031	
12/15/2015 8:44	0.0127	0.0031	
12/15/2015 8:43	0.0123	0.003	
12/15/2015 8:42	0.0117	0.003	
12/15/2015 8:41	0.0112	0.0047	
12/15/2015 8:40	0.0107	0.0047	
12/15/2015 8:39	0.0101	0.0047	
12/15/2015 8:38	0.0094	0.0047	
12/15/2015 8:37	0.0088	0.0047	
12/15/2015 8:36	0.0079	0.0047	
12/15/2015 8:35	0.0075	0.0047	
12/15/2015 8:34	0.0068	0.0047	
12/15/2015 8:33	0.0063	0.0047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 8:32	0.0061	0.0047	
12/15/2015 8:31	0.0059	0.0048	
12/15/2015 8:30	0.0057	0.0049	
12/15/2015 8:29	0.0055	0.0051	
12/15/2015 8:28	0.0052	0.0053	
12/15/2015 8:27	0.0049	0.0055	
12/15/2015 8:26	0.0046	0.003	
12/15/2015 8:25	0.0043	0.003	
12/15/2015 8:24	0.004	0.003	
12/15/2015 8:23	0.0038	0.003	
12/15/2015 8:22	0.0036	0.003	
12/15/2015 8:21	0.004	0.003	
12/15/2015 8:20	0.0037	0.003	
12/15/2015 8:19	0.005	0.003	
12/15/2015 8:18	0.007	0.003	
12/14/2015 16:24	0.1389	0.0291	
12/14/2015 16:23	0.1388	0.0292	
12/14/2015 16:22	0.1389	0.0292	
12/14/2015 16:21	0.1387	0.0289	
12/14/2015 16:20	0.1385	0.0288	
12/14/2015 16:19	0.1387	0.0287	
12/14/2015 16:18	0.1387	0.0286	
12/14/2015 16:17	0.1388	0.0284	
12/14/2015 16:16	0.1389	0.0282	
12/14/2015 16:15	0.1386	0.028	
12/14/2015 16:14	0.1386	0.0278	
12/14/2015 16:13	0.1387	0.0276	
12/14/2015 16:12	0.1387	0.0273	
12/14/2015 16:11	0.1388	0.0271	
12/14/2015 16:10	0.1388	0.0268	
12/14/2015 16:09	0.1389	0.0265	
12/14/2015 16:08	0.1389	0.0262	
12/14/2015 16:07	0.1386	0.0259	
12/14/2015 16:06	0.1387	0.0257	
12/14/2015 16:05	0.1386	0.0257	
12/14/2015 16:04	0.1383	0.0254	
12/14/2015 16:03	0.138	0.0253	
12/14/2015 16:02	0.1377	0.0253	
12/14/2015 16:01	0.1377	0.0251	
12/14/2015 16:00	0.1379	0.0251	
12/14/2015 15:59	0.1381	0.0256	
12/14/2015 15:58	0.1381	0.0256	
12/14/2015 15:57	0.1383	0.0258	
12/14/2015 15:56	0.1384	0.0261	
12/14/2015 15:55	0.1385	0.0263	
12/14/2015 15:54	0.1385	0.0263	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 15:53	0.1386	0.0263	
12/14/2015 15:52	0.1391	0.0263	
12/14/2015 15:51	0.1391	0.0263	
12/14/2015 15:50	0.1393	0.0263	
12/14/2015 15:49	0.1393	0.0263	
12/14/2015 15:48	0.1394	0.0263	
12/14/2015 15:47	0.1395	0.0264	
12/14/2015 15:46	0.1397	0.0267	
12/14/2015 15:45	0.1397	0.0267	
12/14/2015 15:44	0.1397	0.0263	
12/14/2015 15:43	0.1396	0.0263	
12/14/2015 15:42	0.1394	0.0262	
12/14/2015 15:41	0.1395	0.0259	
12/14/2015 15:40	0.1395	0.0257	
12/14/2015 15:39	0.1395	0.0256	
12/14/2015 15:38	0.1396	0.0255	
12/14/2015 15:37	0.1394	0.0252	
12/14/2015 15:36	0.1397	0.0253	
12/14/2015 15:35	0.1399	0.0252	
12/14/2015 15:34	0.1403	0.0253	
12/14/2015 15:33	0.1405	0.0253	
12/14/2015 15:32	0.1405	0.0252	
12/14/2015 15:31	0.1404	0.0249	
12/14/2015 15:30	0.1405	0.0246	
12/14/2015 15:29	0.1405	0.0245	
12/14/2015 15:28	0.1407	0.0248	
12/14/2015 15:27	0.1409	0.0249	
12/14/2015 15:26	0.1409	0.0247	
12/14/2015 15:25	0.1409	0.0247	
12/14/2015 15:24	0.1411	0.0246	
12/14/2015 15:23	0.1411	0.0247	
12/14/2015 15:22	0.1411	0.0248	
12/14/2015 15:21	0.141	0.0248	
12/14/2015 15:20	0.1408	0.0248	
12/14/2015 15:19	0.1406	0.0251	
12/14/2015 15:18	0.1405	0.0252	
12/14/2015 15:17	0.1406	0.0255	
12/14/2015 15:16	0.1409	0.0256	
12/14/2015 15:15	0.1411	0.0256	
12/14/2015 15:14	0.1413	0.0255	
12/14/2015 15:13	0.1412	0.0249	
12/14/2015 15:12	0.1412	0.0245	
12/14/2015 15:11	0.1415	0.0245	
12/14/2015 15:10	0.1415	0.0243	
12/14/2015 15:09	0.1413	0.0243	
12/14/2015 15:08	0.1415	0.0241	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 15:07	0.1419	0.0241	
12/14/2015 15:06	0.1421	0.0241	
12/14/2015 15:05	0.1423	0.0239	
12/14/2015 15:04	0.1424	0.0234	
12/14/2015 15:03	0.1428	0.0231	
12/14/2015 15:02	0.1429	0.0231	
12/14/2015 15:01	0.143	0.0233	
12/14/2015 15:00	0.1431	0.0235	
12/14/2015 14:59	0.1434	0.0237	
12/14/2015 14:58	0.1441	0.0239	
12/14/2015 14:57	0.1442	0.0239	
12/14/2015 14:56	0.1445	0.0243	
12/14/2015 14:55	0.1453	0.0245	
12/14/2015 14:54	0.1465	0.0245	
12/14/2015 14:53	0.1465	0.0245	
12/14/2015 14:52	0.1463	0.0242	
12/14/2015 14:51	0.1466	0.024	
12/14/2015 14:50	0.1466	0.0241	
12/14/2015 14:49	0.1465	0.0239	
12/14/2015 14:48	0.1465	0.0239	
12/14/2015 14:47	0.1465	0.0233	
12/14/2015 14:46	0.1464	0.023	
12/14/2015 14:45	0.1463	0.0226	
12/14/2015 14:44	0.1461	0.0225	
12/14/2015 14:43	0.1454	0.0225	
12/14/2015 14:42	0.1453	0.0235	
12/14/2015 14:41	0.1451	0.0236	
12/14/2015 14:40	0.1445	0.0236	
12/14/2015 14:39	0.1433	0.0238	
12/14/2015 14:38	0.1433	0.0241	
12/14/2015 14:37	0.1431	0.0241	
12/14/2015 14:36	0.1427	0.0241	
12/14/2015 14:35	0.1425	0.024	
12/14/2015 14:34	0.1423	0.024	
12/14/2015 14:33	0.1422	0.0239	
12/14/2015 14:32	0.1422	0.024	
12/14/2015 14:31	0.1419	0.0239	
12/14/2015 14:30	0.1419	0.0239	
12/14/2015 14:29	0.1417	0.0237	
12/14/2015 14:28	0.1417	0.0235	
12/14/2015 14:27	0.1415	0.0225	
12/14/2015 14:26	0.1411	0.0219	
12/14/2015 14:25	0.1409	0.0218	
12/14/2015 14:24	0.1409	0.0215	
12/14/2015 14:23	0.1407	0.0212	
12/14/2015 14:22	0.1406	0.0212	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 14:21	0.1404	0.0212	
12/14/2015 14:20	0.1405	0.0212	
12/14/2015 14:19	0.1405	0.0212	
12/14/2015 14:18	0.1404	0.0213	
12/14/2015 14:17	0.1404	0.0213	
12/14/2015 14:16	0.1403	0.0215	
12/14/2015 14:15	0.1402	0.0217	
12/14/2015 14:14	0.14	0.0217	
12/14/2015 14:13	0.1398	0.0218	
12/14/2015 14:12	0.1397	0.0219	
12/14/2015 14:11	0.1397	0.0219	
12/14/2015 14:10	0.1397	0.022	
12/14/2015 14:09	0.1395	0.0221	
12/14/2015 14:08	0.1395	0.0224	
12/14/2015 14:07	0.1395	0.0226	
12/14/2015 14:06	0.1395	0.0228	
12/14/2015 14:05	0.1392	0.0232	
12/14/2015 14:04	0.1391	0.0237	
12/14/2015 14:03	0.1389	0.0237	
12/14/2015 14:02	0.1385	0.0237	
12/14/2015 14:01	0.1383	0.0237	
12/14/2015 14:00	0.1383	0.0237	
12/14/2015 13:59	0.1381	0.0241	
12/14/2015 13:58	0.1379	0.0245	
12/14/2015 13:57	0.1379	0.0261	
12/14/2015 13:56	0.1377	0.0312	
12/14/2015 13:55	0.1373	0.0312	
12/14/2015 13:54	0.137	0.0311	
12/14/2015 13:53	0.1368	0.0309	
12/14/2015 13:52	0.1367	0.0308	
12/14/2015 13:51	0.1365	0.0307	
12/14/2015 13:50	0.1363	0.0303	
12/14/2015 13:49	0.1361	0.03	
12/14/2015 13:48	0.1359	0.0301	
12/14/2015 13:47	0.1359	0.0306	
12/14/2015 13:46	0.1355	0.0309	
12/14/2015 13:45	0.1351	0.0308	
12/14/2015 13:44	0.1351	0.0306	
12/14/2015 13:43	0.1349	0.0303	
12/14/2015 13:42	0.1347	0.029	
12/14/2015 13:41	0.1345	0.0242	
12/14/2015 13:40	0.1345	0.0245	
12/14/2015 13:39	0.1343	0.0251	
12/14/2015 13:38	0.134	0.0255	
12/14/2015 13:37	0.1336	0.0263	
12/14/2015 13:36	0.1333	0.0265	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 13:35	0.133	0.0266	
12/14/2015 13:34	0.1327	0.0266	
12/14/2015 13:33	0.1329	0.0265	
12/14/2015 13:32	0.1326	0.0261	
12/14/2015 13:31	0.1327	0.026	
12/14/2015 13:30	0.1327	0.0261	
12/14/2015 13:29	0.1325	0.0259	
12/14/2015 13:28	0.1323	0.0259	
12/14/2015 13:27	0.1319	0.0255	
12/14/2015 13:26	0.1318	0.0254	
12/14/2015 13:25	0.1315	0.0253	
12/14/2015 13:24	0.1313	0.0249	
12/14/2015 13:23	0.1313	0.0247	
12/14/2015 13:22	0.1313	0.0241	
12/14/2015 13:21	0.1311	0.0243	
12/14/2015 13:20	0.1313	0.0247	
12/14/2015 13:19	0.1314	0.0251	
12/14/2015 13:18	0.1311	0.0253	
12/14/2015 13:17	0.131	0.0256	
12/14/2015 13:16	0.1309	0.0257	
12/14/2015 13:15	0.1307	0.0257	
12/14/2015 13:14	0.1308	0.0261	
12/14/2015 13:13	0.1305	0.0262	
12/14/2015 13:12	0.1305	0.0263	
12/14/2015 13:11	0.1301	0.0263	
12/14/2015 13:10	0.1301	0.0262	
12/14/2015 13:09	0.1301	0.0261	
12/14/2015 13:08	0.13	0.026	
12/14/2015 13:07	0.1299	0.0259	
12/14/2015 13:06	0.1299	0.0257	
12/14/2015 13:05	0.1297	0.0261	
12/14/2015 13:04	0.1295	0.0264	
12/14/2015 13:03	0.1294	0.0264	
12/14/2015 13:02	0.1295	0.0261	
12/14/2015 13:01	0.1295	0.0263	
12/14/2015 13:00	0.1294	0.0263	
12/14/2015 12:59	0.1292	0.026	
12/14/2015 12:58	0.1293	0.0261	
12/14/2015 12:57	0.1294	0.0263	
12/14/2015 12:56	0.1297	0.0267	
12/14/2015 12:55	0.1296	0.027	
12/14/2015 12:54	0.1297	0.0272	
12/14/2015 12:53	0.1296	0.0273	
12/14/2015 12:52	0.1297	0.0278	
12/14/2015 12:51	0.1298	0.0285	
12/14/2015 12:50	0.1298	0.0287	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 12:49	0.1298	0.0288	
12/14/2015 12:48	0.1296	0.0289	
12/14/2015 12:47	0.1295	0.0293	
12/14/2015 12:46	0.1293	0.0296	
12/14/2015 12:45	0.1292	0.0299	
12/14/2015 12:44	0.1291	0.0301	
12/14/2015 12:43	0.129	0.031	
12/14/2015 12:42	0.1287	0.0311	
12/14/2015 12:41	0.1286	0.0311	
12/14/2015 12:40	0.1284	0.0311	
12/14/2015 12:39	0.1282	0.0314	
12/14/2015 12:38	0.1281	0.0317	
12/14/2015 12:37	0.1277	0.0319	
12/14/2015 12:36	0.1275	0.0315	
12/14/2015 12:35	0.1273	0.0308	
12/14/2015 12:34	0.1271	0.0303	
12/14/2015 12:33	0.1268	0.0304	
12/14/2015 12:32	0.1266	0.0303	
12/14/2015 12:31	0.1261	0.0299	
12/14/2015 12:30	0.126	0.0304	
12/14/2015 12:29	0.1257	0.0305	
12/14/2015 12:28	0.1255	0.0307	
12/14/2015 12:27	0.1256	0.0308	
12/14/2015 12:26	0.1253	0.0308	
12/14/2015 12:25	0.1251	0.0309	
12/14/2015 12:24	0.1251	0.0307	
12/14/2015 12:23	0.125	0.0305	
12/14/2015 12:22	0.125	0.0307	
12/14/2015 12:21	0.1252	0.0315	
12/14/2015 12:20	0.1253	0.0332	
12/14/2015 12:19	0.1254	0.0343	
12/14/2015 12:18	0.1255	0.0375	
12/14/2015 12:17	0.1253	0.0395	
12/14/2015 12:16	0.1253	0.0403	
12/14/2015 12:15	0.1251	0.0409	
12/14/2015 12:14	0.1249	0.0414	
12/14/2015 12:13	0.1248	0.0409	
12/14/2015 12:12	0.1245	0.0424	
12/14/2015 12:11	0.1245	0.0449	
12/14/2015 12:10	0.1245	0.046	
12/14/2015 12:09	0.1241	0.0467	
12/14/2015 12:08	0.1242	0.0477	
12/14/2015 12:07	0.1239	0.0485	
12/14/2015 12:06	0.1233	0.0483	
12/14/2015 12:05	0.1231	0.0469	
12/14/2015 12:04	0.1229	0.0461	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 12:03	0.1227	0.0433	
12/14/2015 12:02	0.1226	0.0427	
12/14/2015 12:01	0.1225	0.0419	
12/14/2015 12:00	0.1225	0.0411	
12/14/2015 11:59	0.1225	0.0407	
12/14/2015 11:58	0.1225	0.0416	
12/14/2015 11:57	0.1224	0.0405	
12/14/2015 11:56	0.1224	0.039	
12/14/2015 11:55	0.1224	0.039	
12/14/2015 11:54	0.1225	0.0384	
12/14/2015 11:53	0.1223	0.0376	
12/14/2015 11:52	0.1224	0.0367	
12/14/2015 11:51	0.1224	0.0361	
12/14/2015 11:50	0.1221	0.0362	
12/14/2015 11:49	0.1219	0.0365	
12/14/2015 11:48	0.1216	0.0365	
12/14/2015 11:47	0.1213	0.0366	
12/14/2015 11:46	0.121	0.0369	
12/14/2015 11:45	0.1208	0.0373	
12/14/2015 11:44	0.1204	0.0378	
12/14/2015 11:43	0.1199	0.0375	
12/14/2015 11:42	0.1199	0.0397	
12/14/2015 11:41	0.1193	0.0387	
12/14/2015 11:40	0.1187	0.0377	
12/14/2015 11:39	0.1182	0.0377	
12/14/2015 11:38	0.1178	0.0377	
12/14/2015 11:37	0.1173	0.0374	
12/14/2015 11:36	0.1167	0.0377	
12/14/2015 11:35	0.1164	0.0376	
12/14/2015 11:34	0.1161	0.0378	
12/14/2015 11:33	0.116	0.0376	
12/14/2015 11:32	0.1158	0.0362	
12/14/2015 11:31	0.1159	0.0361	
12/14/2015 11:30	0.1159	0.0357	
12/14/2015 11:29	0.1161	0.0351	
12/14/2015 11:28	0.1162	0.0344	
12/14/2015 11:27	0.116	0.032	
12/14/2015 11:26	0.1161	0.0321	
12/14/2015 11:25	0.1162	0.032	
12/14/2015 11:24	0.1159	0.0321	
12/14/2015 11:23	0.1153	0.0321	
12/14/2015 11:22	0.1153	0.0321	
12/14/2015 11:21	0.1151	0.0321	
12/14/2015 11:20	0.1151	0.0321	
12/14/2015 11:19	0.1146	0.0316	
12/14/2015 11:18	0.1141	0.0316	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 11:17	0.1137	0.0317	
12/14/2015 11:16	0.1129	0.0317	
12/14/2015 11:15	0.1124	0.0316	
12/14/2015 11:14	0.1117	0.0316	
12/14/2015 11:13	0.1111	0.0315	
12/14/2015 11:12	0.1103	0.0316	
12/14/2015 11:11	0.1097	0.0316	
12/14/2015 11:10	0.1091	0.0317	
12/14/2015 11:09	0.1091	0.0318	
12/14/2015 11:08	0.1092	0.0319	
12/14/2015 11:07	0.1087	0.0321	
12/14/2015 11:06	0.1085	0.0322	
12/14/2015 11:05	0.1078	0.0324	
12/14/2015 11:04	0.1075	0.0325	
12/14/2015 11:03	0.1073	0.0325	
12/14/2015 11:02	0.107	0.0326	
12/14/2015 11:01	0.1068	0.0327	
12/14/2015 11:00	0.1067	0.0329	
12/14/2015 10:59	0.1062	0.0331	
12/14/2015 10:58	0.1059	0.0333	
12/14/2015 10:57	0.1058	0.0335	
12/14/2015 10:56	0.1053	0.0337	
12/14/2015 10:55	0.105	0.0339	
12/14/2015 10:54	0.1045	0.0339	
12/14/2015 10:53	0.1039	0.034	
12/14/2015 10:52	0.1033	0.0341	
12/14/2015 10:51	0.1029	0.0343	
12/14/2015 10:50	0.1025	0.0343	
12/14/2015 10:49	0.102	0.0343	
12/14/2015 10:48	0.1015	0.0345	
12/14/2015 10:47	0.1012	0.0346	
12/14/2015 10:46	0.1007	0.0347	
12/14/2015 10:45	0.1003	0.0349	
12/14/2015 10:44	0.0999	0.035	
12/14/2015 10:43	0.0996	0.035	
12/14/2015 10:42	0.0991	0.0351	
12/14/2015 10:41	0.0989	0.0352	
12/14/2015 10:40	0.0985	0.0351	
12/14/2015 10:39	0.0981	0.0353	
12/14/2015 10:38	0.0977	0.0353	
12/14/2015 10:37	0.0973	0.0353	
12/14/2015 10:36	0.0969	0.0353	
12/14/2015 10:35	0.0964	0.0353	
12/14/2015 10:34	0.0961	0.0355	
12/14/2015 10:33	0.0956	0.0355	
12/14/2015 10:32	0.0952	0.0357	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 10:31	0.0947	0.0358	
12/14/2015 10:30	0.0943	0.0359	
12/14/2015 10:29	0.0935	0.0357	
12/14/2015 10:28	0.093	0.0357	
12/14/2015 10:27	0.0925	0.0357	
12/14/2015 10:26	0.0919	0.0357	
12/14/2015 10:25	0.0913	0.0358	
12/14/2015 10:24	0.0911	0.0358	
12/14/2015 10:23	0.091	0.0359	
12/14/2015 10:22	0.0906	0.036	
12/14/2015 10:21	0.0902	0.0361	
12/14/2015 10:20	0.0898	0.0363	
12/14/2015 10:19	0.0893	0.0362	
12/14/2015 10:18	0.089	0.0363	
12/14/2015 10:17	0.0885	0.0364	
12/14/2015 10:16	0.0883	0.0365	
12/14/2015 10:15	0.0877	0.0363	
12/14/2015 10:14	0.0875	0.0363	
12/14/2015 10:13	0.0871	0.0364	
12/14/2015 10:12	0.0868	0.0363	
12/14/2015 10:11	0.0863	0.0366	
12/14/2015 10:10	0.0857	0.0365	
12/14/2015 10:09	0.0851	0.0367	
12/14/2015 10:08	0.0844	0.0368	
12/14/2015 10:07	0.0839	0.0367	
12/14/2015 10:06	0.0835	0.0367	
12/14/2015 10:05	0.0831	0.0366	
12/14/2015 10:04	0.0827	0.0365	
12/14/2015 10:03	0.0821	0.0365	
12/14/2015 10:02	0.0817	0.0365	
12/14/2015 10:01	0.0813	0.0364	
12/14/2015 10:00	0.0811	0.0366	
12/14/2015 9:59	0.0807	0.0369	
12/14/2015 9:58	0.0803	0.0371	
12/14/2015 9:57	0.0798	0.0373	
12/14/2015 9:56	0.0793	0.0375	
12/14/2015 9:55	0.0789	0.0377	
12/14/2015 9:54	0.0783	0.0377	
12/14/2015 9:53	0.0779	0.0378	
12/14/2015 9:52	0.0775	0.0381	
12/14/2015 9:51	0.0769	0.0381	
12/14/2015 9:50	0.0765	0.0383	
12/14/2015 9:49	0.0759	0.0386	
12/14/2015 9:48	0.0755	0.0388	
12/14/2015 9:47	0.0749	0.0389	
12/14/2015 9:46	0.074	0.0391	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 9:45	0.073	0.0393	
12/14/2015 9:44	0.0724	0.0394	
12/14/2015 9:43	0.0719	0.0394	
12/14/2015 9:42	0.0712	0.0394	
12/14/2015 9:41	0.0708	0.0395	
12/14/2015 9:40	0.0701	0.0397	
12/14/2015 9:39	0.0695	0.0399	
12/14/2015 9:38	0.0687	0.04	
12/14/2015 9:37	0.0678	0.04	
12/14/2015 9:36	0.0671	0.0402	
12/14/2015 9:35	0.0663	0.0404	
12/14/2015 9:34	0.0653	0.0405	
12/14/2015 9:33	0.0645	0.0407	
12/14/2015 9:32	0.0638	0.0409	
12/14/2015 9:31	0.0631	0.0411	
12/14/2015 9:30	0.0625	0.0414	
12/14/2015 9:29	0.0618	0.0416	
12/14/2015 9:28	0.061	0.0419	
12/14/2015 9:27	0.0603	0.0421	
12/14/2015 9:26	0.0597	0.0422	
12/14/2015 9:25	0.0588	0.0424	
12/14/2015 9:24	0.0579	0.0426	
12/14/2015 9:23	0.0574	0.0427	
12/14/2015 9:22	0.0569	0.0429	
12/14/2015 9:21	0.0561	0.043	
12/14/2015 9:20	0.0554	0.0431	
12/14/2015 9:19	0.0551	0.0433	
12/14/2015 9:18	0.0546	0.0433	
12/14/2015 9:17	0.054	0.0434	
12/14/2015 9:16	0.0534	0.0437	
12/14/2015 9:15	0.0528	0.0438	
12/14/2015 9:14	0.0521	0.044	
12/14/2015 9:13	0.0515	0.0441	
12/14/2015 9:12	0.0508	0.0445	
12/14/2015 9:11	0.05	0.0446	
12/14/2015 9:10	0.0495	0.0448	
12/14/2015 9:09	0.049	0.0449	
12/14/2015 9:08	0.0483	0.0451	
12/14/2015 9:07	0.0477	0.0454	
12/14/2015 9:06	0.0474	0.0457	
12/14/2015 9:05	0.0468	0.0459	
12/14/2015 9:04	0.0461	0.0461	
12/14/2015 9:03	0.0455	0.0463	
12/14/2015 9:02	0.0449	0.0463	
12/14/2015 9:01	0.0443	0.0464	
12/14/2015 9:00	0.0436	0.0465	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 8:59	0.043	0.0466	
12/14/2015 8:58	0.0424	0.0469	
12/14/2015 8:57	0.0417	0.0468	
12/14/2015 8:56	0.0409	0.0469	
12/14/2015 8:55	0.0401	0.0471	
12/14/2015 8:54	0.0396	0.0473	
12/14/2015 8:53	0.0391	0.0475	
12/14/2015 8:52	0.0385	0.0475	
12/14/2015 8:51	0.0377	0.0476	
12/14/2015 8:50	0.0372	0.0477	
12/14/2015 8:49	0.0367	0.0479	
12/14/2015 8:48	0.0362	0.0481	
12/14/2015 8:47	0.0357	0.0483	
12/14/2015 8:46	0.0351	0.0485	
12/14/2015 8:45	0.0347	0.0487	
12/14/2015 8:44	0.0343	0.0487	
12/14/2015 8:43	0.0339	0.0487	
12/14/2015 8:42	0.0338	0.0491	
12/14/2015 8:41	0.0337	0.0493	
12/14/2015 8:40	0.0334	0.0495	
12/14/2015 8:39	0.0329	0.0496	
12/14/2015 8:38	0.0324	0.0497	
12/14/2015 8:37	0.032	0.0501	
12/14/2015 8:36	0.0317	0.0503	
12/14/2015 8:35	0.0311	0.0505	
12/14/2015 8:34	0.0307	0.0507	
12/14/2015 8:33	0.0304	0.0509	
12/14/2015 8:32	0.0303	0.0511	
12/14/2015 8:31	0.0301	0.0512	
12/14/2015 8:30	0.03	0.0513	
12/14/2015 8:29	0.0299	0.0515	
12/14/2015 8:28	0.0297	0.0516	
12/14/2015 8:27	0.0293	0.0516	
12/14/2015 8:26	0.029	0.0517	
12/14/2015 8:25	0.029	0.0516	
12/14/2015 8:24	0.029	0.0519	
12/14/2015 8:23	0.029	0.052	
12/14/2015 8:22	0.0288	0.052	
12/14/2015 8:21	0.0288	0.052	
12/14/2015 8:20	0.0297	0.052	
12/14/2015 8:19	0.031	0.052	
12/14/2015 8:18	0.032	0.052	
12/10/2015 14:50	0.0887	0.0182	
12/10/2015 14:49	0.0887	0.0182	
12/10/2015 14:48	0.0887	0.0181	
12/10/2015 14:47	0.0886	0.0182	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 14:46	0.0887	0.0181	
12/10/2015 14:45	0.0885	0.0181	
12/10/2015 14:44	0.0883	0.018	
12/10/2015 14:43	0.0885	0.0179	
12/10/2015 14:42	0.0888	0.0177	
12/10/2015 14:41	0.0889	0.0176	
12/10/2015 14:40	0.0889	0.0174	
12/10/2015 14:39	0.0889	0.0172	
12/10/2015 14:38	0.0904	0.0176	
12/10/2015 14:37	0.0903	0.0177	
12/10/2015 14:36	0.0903	0.0179	
12/10/2015 14:35	0.0903	0.018	
12/10/2015 14:34	0.0905	0.0181	
12/10/2015 14:33	0.0907	0.0183	
12/10/2015 14:32	0.0908	0.0184	
12/10/2015 14:31	0.0911	0.0186	
12/10/2015 14:30	0.0912	0.0188	
12/10/2015 14:29	0.0913	0.0189	
12/10/2015 14:28	0.0912	0.0191	
12/10/2015 14:27	0.0911	0.0193	
12/10/2015 14:26	0.0911	0.0195	
12/10/2015 14:25	0.0914	0.0197	
12/10/2015 14:24	0.0915	0.0199	
12/10/2015 14:23	0.0902	0.0197	
12/10/2015 14:22	0.0905	0.0198	
12/10/2015 14:21	0.0907	0.0198	
12/10/2015 14:20	0.0909	0.0199	
12/10/2015 14:19	0.0909	0.0201	
12/10/2015 14:18	0.0908	0.0201	
12/10/2015 14:17	0.0909	0.0203	
12/10/2015 14:16	0.091	0.0203	
12/10/2015 14:15	0.0911	0.0204	
12/10/2015 14:14	0.0911	0.0205	
12/10/2015 14:13	0.0913	0.0205	
12/10/2015 14:12	0.0915	0.0205	
12/10/2015 14:11	0.0917	0.0206	
12/10/2015 14:10	0.0919	0.0207	
12/10/2015 14:09	0.0923	0.0207	
12/10/2015 14:08	0.0927	0.0207	
12/10/2015 14:07	0.0927	0.0207	
12/10/2015 14:06	0.0927	0.0208	
12/10/2015 14:05	0.0927	0.0209	
12/10/2015 14:04	0.0927	0.0209	
12/10/2015 14:03	0.0928	0.021	
12/10/2015 14:02	0.0927	0.0211	
12/10/2015 14:01	0.0925	0.0212	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 14:00	0.0925	0.0213	
12/10/2015 13:59	0.0926	0.0215	
12/10/2015 13:58	0.0926	0.0218	
12/10/2015 13:57	0.0926	0.0219	
12/10/2015 13:56	0.0925	0.0221	
12/10/2015 13:55	0.0923	0.0222	
12/10/2015 13:54	0.0921	0.0223	
12/10/2015 13:53	0.0918	0.0225	
12/10/2015 13:52	0.0919	0.0225	
12/10/2015 13:51	0.092	0.0225	
12/10/2015 13:50	0.0921	0.0226	
12/10/2015 13:49	0.0922	0.0227	
12/10/2015 13:48	0.0923	0.0229	
12/10/2015 13:47	0.0927	0.0231	
12/10/2015 13:46	0.0927	0.0233	
12/10/2015 13:45	0.0929	0.0234	
12/10/2015 13:44	0.093	0.0235	
12/10/2015 13:43	0.0933	0.0236	
12/10/2015 13:42	0.0935	0.0237	
12/10/2015 13:41	0.0937	0.0239	
12/10/2015 13:40	0.094	0.0239	
12/10/2015 13:39	0.0943	0.0241	
12/10/2015 13:38	0.0945	0.0241	
12/10/2015 13:37	0.0947	0.0241	
12/10/2015 13:36	0.0951	0.0241	
12/10/2015 13:35	0.0955	0.0241	
12/10/2015 13:34	0.0959	0.0239	
12/10/2015 13:33	0.0962	0.0239	
12/10/2015 13:32	0.0965	0.0237	
12/10/2015 13:31	0.097	0.0235	
12/10/2015 13:30	0.0971	0.0234	
12/10/2015 13:29	0.0975	0.0233	
12/10/2015 13:28	0.0979	0.0233	
12/10/2015 13:27	0.0981	0.0231	
12/10/2015 13:26	0.099	0.023	
12/10/2015 13:25	0.0995	0.0229	
12/10/2015 13:24	0.0999	0.0228	
12/10/2015 13:23	0.1006	0.0227	
12/10/2015 13:22	0.1012	0.0229	
12/10/2015 13:21	0.1017	0.0231	
12/10/2015 13:20	0.1023	0.0232	
12/10/2015 13:19	0.1029	0.0233	
12/10/2015 13:18	0.1037	0.0235	
12/10/2015 13:17	0.1045	0.0237	
12/10/2015 13:16	0.1053	0.0239	
12/10/2015 13:15	0.1063	0.0241	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 13:14	0.1071	0.0243	
12/10/2015 13:13	0.1079	0.0243	
12/10/2015 13:12	0.1089	0.0245	
12/10/2015 13:11	0.1095	0.0245	
12/10/2015 13:10	0.1103	0.0247	
12/10/2015 13:09	0.1111	0.0248	
12/10/2015 13:08	0.112	0.0249	
12/10/2015 13:07	0.1131	0.0249	
12/10/2015 13:06	0.114	0.0248	
12/10/2015 13:05	0.115	0.0249	
12/10/2015 13:04	0.116	0.0249	
12/10/2015 13:03	0.1167	0.0248	
12/10/2015 13:02	0.1174	0.0248	
12/10/2015 13:01	0.1182	0.0247	
12/10/2015 13:00	0.1189	0.0246	
12/10/2015 12:59	0.1199	0.0247	
12/10/2015 12:58	0.1207	0.0247	
12/10/2015 12:57	0.1213	0.0249	
12/10/2015 12:56	0.1217	0.0251	
12/10/2015 12:55	0.1221	0.0253	
12/10/2015 12:54	0.1227	0.0255	
12/10/2015 12:53	0.123	0.0258	
12/10/2015 12:52	0.123	0.026	
12/10/2015 12:51	0.1232	0.0262	
12/10/2015 12:50	0.1231	0.0263	
12/10/2015 12:49	0.1231	0.0264	
12/10/2015 12:48	0.1232	0.0266	
12/10/2015 12:47	0.1232	0.0268	
12/10/2015 12:46	0.1229	0.027	
12/10/2015 12:45	0.1227	0.0272	
12/10/2015 12:44	0.1224	0.0274	
12/10/2015 12:43	0.122	0.0275	
12/10/2015 12:42	0.1215	0.0276	
12/10/2015 12:41	0.1213	0.0275	
12/10/2015 12:40	0.1207	0.0275	
12/10/2015 12:39	0.12	0.0274	
12/10/2015 12:38	0.1195	0.0273	
12/10/2015 12:37	0.1188	0.0272	
12/10/2015 12:36	0.1181	0.0271	
12/10/2015 12:35	0.1177	0.0272	
12/10/2015 12:34	0.1171	0.0272	
12/10/2015 12:33	0.1164	0.0273	
12/10/2015 12:32	0.1158	0.0272	
12/10/2015 12:31	0.1154	0.0273	
12/10/2015 12:30	0.1149	0.0272	
12/10/2015 12:29	0.1147	0.0271	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 12:28	0.1144	0.0269	
12/10/2015 12:27	0.1143	0.0268	
12/10/2015 12:26	0.1142	0.0267	
12/10/2015 12:25	0.1141	0.0267	
12/10/2015 12:24	0.1143	0.0267	
12/10/2015 12:23	0.1142	0.0266	
12/10/2015 12:22	0.1143	0.0266	
12/10/2015 12:21	0.1146	0.0267	
12/10/2015 12:20	0.1148	0.0267	
12/10/2015 12:19	0.1149	0.0267	
12/10/2015 12:18	0.1151	0.0267	
12/10/2015 12:17	0.1154	0.0267	
12/10/2015 12:16	0.1156	0.0266	
12/10/2015 12:15	0.1159	0.0265	
12/10/2015 12:14	0.1159	0.0265	
12/10/2015 12:13	0.1161	0.0265	
12/10/2015 12:12	0.1161	0.0265	
12/10/2015 12:11	0.1161	0.0265	
12/10/2015 12:10	0.1163	0.0264	
12/10/2015 12:09	0.1163	0.0264	
12/10/2015 12:08	0.1163	0.0264	
12/10/2015 12:07	0.1164	0.0265	
12/10/2015 12:06	0.1163	0.0268	
12/10/2015 12:05	0.1161	0.0272	
12/10/2015 12:04	0.1159	0.0275	
12/10/2015 12:03	0.1155	0.0279	
12/10/2015 12:02	0.1153	0.0282	
12/10/2015 12:01	0.1149	0.0286	
12/10/2015 12:00	0.1145	0.0291	
12/10/2015 11:59	0.1141	0.0295	
12/10/2015 11:58	0.1136	0.0299	
12/10/2015 11:57	0.1133	0.0304	
12/10/2015 11:56	0.1128	0.0306	
12/10/2015 11:55	0.1124	0.0308	
12/10/2015 11:54	0.112	0.0311	
12/10/2015 11:53	0.1115	0.0313	
12/10/2015 11:52	0.1111	0.0315	
12/10/2015 11:51	0.1103	0.0317	
12/10/2015 11:50	0.1099	0.0319	
12/10/2015 11:49	0.1095	0.0321	
12/10/2015 11:48	0.109	0.0323	
12/10/2015 11:47	0.1084	0.0325	
12/10/2015 11:46	0.1077	0.0326	
12/10/2015 11:45	0.1073	0.0327	
12/10/2015 11:44	0.1067	0.0329	
12/10/2015 11:43	0.1061	0.0332	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 11:42	0.1056	0.0334	
12/10/2015 11:41	0.1051	0.0339	
12/10/2015 11:40	0.1046	0.0343	
12/10/2015 11:39	0.1039	0.0347	
12/10/2015 11:38	0.1032	0.0352	
12/10/2015 11:37	0.1025	0.0355	
12/10/2015 11:36	0.1021	0.0355	
12/10/2015 11:35	0.1017	0.0355	
12/10/2015 11:34	0.1011	0.0355	
12/10/2015 11:33	0.1005	0.0355	
12/10/2015 11:32	0.0999	0.0355	
12/10/2015 11:31	0.0995	0.0356	
12/10/2015 11:30	0.0987	0.0357	
12/10/2015 11:29	0.0983	0.0358	
12/10/2015 11:28	0.0977	0.0359	
12/10/2015 11:27	0.0968	0.0359	
12/10/2015 11:26	0.096	0.0361	
12/10/2015 11:25	0.0952	0.0362	
12/10/2015 11:24	0.0945	0.0363	
12/10/2015 11:23	0.0938	0.0364	
12/10/2015 11:22	0.0931	0.0366	
12/10/2015 11:21	0.0923	0.0368	
12/10/2015 11:20	0.0916	0.0372	
12/10/2015 11:19	0.0908	0.0375	
12/10/2015 11:18	0.0903	0.0379	
12/10/2015 11:17	0.0896	0.0383	
12/10/2015 11:16	0.089	0.0386	
12/10/2015 11:15	0.0885	0.0389	
12/10/2015 11:14	0.0877	0.0391	
12/10/2015 11:13	0.0871	0.0395	
12/10/2015 11:12	0.0865	0.0399	
12/10/2015 11:11	0.086	0.0402	
12/10/2015 11:10	0.0855	0.0405	
12/10/2015 11:09	0.085	0.0409	
12/10/2015 11:08	0.0845	0.0412	
12/10/2015 11:07	0.0839	0.0415	
12/10/2015 11:06	0.0833	0.0418	
12/10/2015 11:05	0.0827	0.0419	
12/10/2015 11:04	0.0821	0.0421	
12/10/2015 11:03	0.0814	0.0423	
12/10/2015 11:02	0.0806	0.0425	
12/10/2015 11:01	0.0798	0.0427	
12/10/2015 11:00	0.0793	0.0431	
12/10/2015 10:59	0.0785	0.0434	
12/10/2015 10:58	0.0779	0.0437	
12/10/2015 10:57	0.0775	0.0439	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 10:56	0.0769	0.044	
12/10/2015 10:55	0.0763	0.0443	
12/10/2015 10:54	0.0758	0.0445	
12/10/2015 10:53	0.0752	0.0448	
12/10/2015 10:52	0.0745	0.0451	
12/10/2015 10:51	0.0748	0.0455	
12/10/2015 10:50	0.0742	0.0457	
12/10/2015 10:49	0.0739	0.046	
12/10/2015 10:48	0.0735	0.0463	
12/10/2015 10:47	0.0731	0.0467	
12/10/2015 10:46	0.0726	0.0469	
12/10/2015 10:45	0.0721	0.047	
12/10/2015 10:44	0.0716	0.0471	
12/10/2015 10:43	0.0711	0.0473	
12/10/2015 10:42	0.0705	0.0475	
12/10/2015 10:41	0.0699	0.0478	
12/10/2015 10:40	0.0694	0.048	
12/10/2015 10:39	0.0687	0.0481	
12/10/2015 10:38	0.0681	0.0483	
12/10/2015 10:37	0.0675	0.0483	
12/10/2015 10:36	0.0661	0.0484	
12/10/2015 10:35	0.0653	0.0485	
12/10/2015 10:34	0.0643	0.0487	
12/10/2015 10:33	0.0636	0.0488	
12/10/2015 10:32	0.0629	0.0488	
12/10/2015 10:31	0.0621	0.0489	
12/10/2015 10:30	0.0612	0.0489	
12/10/2015 10:29	0.0601	0.049	
12/10/2015 10:28	0.0591	0.049	
12/10/2015 10:27	0.0582	0.049	
12/10/2015 10:26	0.0571	0.049	
12/10/2015 10:25	0.056	0.049	
12/10/2015 10:24	0.0551	0.0491	
12/10/2015 10:23	0.0541	0.0491	
12/10/2015 10:22	0.0531	0.0491	
12/10/2015 10:21	0.052	0.049	
12/10/2015 10:20	0.0511	0.0491	
12/10/2015 10:19	0.0502	0.0489	
12/10/2015 10:18	0.0493	0.0489	
12/10/2015 10:17	0.0482	0.0489	
12/10/2015 10:16	0.0471	0.0488	
12/10/2015 10:15	0.0461	0.0488	
12/10/2015 10:14	0.045	0.0487	
12/10/2015 10:13	0.0438	0.0487	
12/10/2015 10:12	0.0425	0.0487	
12/10/2015 10:11	0.0414	0.0487	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 10:10	0.0401	0.0486	
12/10/2015 10:09	0.0389	0.0485	
12/10/2015 10:08	0.0377	0.0485	
12/10/2015 10:07	0.0364	0.0485	
12/10/2015 10:06	0.0353	0.0485	
12/10/2015 10:05	0.0341	0.0485	
12/10/2015 10:04	0.033	0.0485	
12/10/2015 10:03	0.0317	0.0485	
12/10/2015 10:02	0.0307	0.0484	
12/10/2015 10:01	0.0297	0.0484	
12/10/2015 10:00	0.0289	0.0483	
12/10/2015 9:59	0.0283	0.0484	
12/10/2015 9:58	0.0278	0.0483	
12/10/2015 9:57	0.0274	0.0484	
12/10/2015 9:56	0.0271	0.0485	
12/10/2015 9:55	0.0269	0.0485	
12/10/2015 9:54	0.0267	0.0485	
12/10/2015 9:53	0.0266	0.0483	
12/10/2015 9:52	0.0266	0.0483	
12/10/2015 9:51	0.0266	0.0483	
12/10/2015 9:50	0.0267	0.0483	
12/10/2015 9:49	0.0269	0.0483	
12/10/2015 9:48	0.0271	0.0483	
12/10/2015 9:47	0.0272	0.0483	
12/10/2015 9:46	0.0273	0.0483	
12/10/2015 9:45	0.0273	0.0483	
12/10/2015 9:44	0.0271	0.0484	
12/10/2015 9:43	0.0269	0.0483	
12/10/2015 9:42	0.0268	0.0482	
12/10/2015 9:41	0.0265	0.0481	
12/10/2015 9:40	0.0259	0.048	
12/10/2015 9:39	0.0252	0.048	
12/10/2015 9:38	0.0246	0.0479	
12/10/2015 9:37	0.0239	0.0478	
12/10/2015 9:36	0.0232	0.0477	
12/10/2015 9:35	0.0228	0.0476	
12/10/2015 9:34	0.0223	0.0476	
12/10/2015 9:33	0.0218	0.0477	
12/10/2015 9:32	0.0212	0.0476	
12/10/2015 9:31	0.0205	0.0476	
12/10/2015 9:30	0.02	0.0476	
12/10/2015 9:29	0.0195	0.0471	
12/10/2015 9:28	0.019	0.0471	
12/10/2015 9:27	0.0182	0.0472	
12/10/2015 9:26	0.0176	0.047	
12/10/2015 9:25	0.0175	0.047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 9:24	0.0177	0.0467	
12/10/2015 9:23	0.017	0.0465	
12/10/2015 9:22	0.017	0.047	
12/10/2015 9:21			
12/9/2015 15:01		0.0644	
12/9/2015 15:00		0.0633	
12/9/2015 14:59		0.062	
12/9/2015 14:58	0.1063	0.0607	
12/9/2015 14:57	0.1068	0.0509	
12/9/2015 14:48		0.0507	
12/9/2015 14:47	0.107	0.0503	
12/9/2015 14:46	0.107	0.0504	
12/9/2015 14:45	0.1071	0.0502	
12/9/2015 14:44	0.1071	0.0515	
12/9/2015 14:43	0.1071	0.0515	
12/9/2015 14:42	0.1072	0.0513	
12/9/2015 14:41	0.1073	0.051	
12/9/2015 14:40	0.1074	0.0509	
12/9/2015 14:39	0.1075	0.0509	
12/9/2015 14:38	0.1076	0.0512	
12/9/2015 14:37	0.1078	0.0517	
12/9/2015 14:36	0.1079	0.0518	
12/9/2015 14:35	0.1081	0.052	
12/9/2015 14:34	0.1083	0.0521	
12/9/2015 14:33	0.1083	0.0523	
12/9/2015 14:32	0.1083	0.0525	
12/9/2015 14:31	0.1083	0.0526	
12/9/2015 14:30	0.1082	0.0541	
12/9/2015 14:29	0.1083	0.0529	
12/9/2015 14:28	0.1083	0.0538	
12/9/2015 14:27	0.1085	0.0539	
12/9/2015 14:26	0.1087	0.0541	
12/9/2015 14:25	0.1089	0.0542	
12/9/2015 14:24	0.1089	0.0543	
12/9/2015 14:23	0.109	0.0539	
12/9/2015 14:22	0.1089	0.0536	
12/9/2015 14:21	0.1091	0.0547	
12/9/2015 14:20	0.1092	0.0547	
12/9/2015 14:19	0.1093	0.0545	
12/9/2015 14:18	0.1097	0.0543	
12/9/2015 14:17	0.1098	0.0543	
12/9/2015 14:16	0.1101	0.0542	
12/9/2015 14:15	0.1104	0.0529	
12/9/2015 14:14	0.1105	0.0528	
12/9/2015 14:13	0.1107	0.0519	
12/9/2015 14:12	0.1107	0.0519	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 14:11	0.1105	0.0523	
12/9/2015 14:10	0.1108	0.0524	
12/9/2015 14:09	0.1107	0.0525	
12/9/2015 14:08	0.1108	0.0526	
12/9/2015 14:07	0.1109	0.0527	
12/9/2015 14:06	0.1107	0.0517	
12/9/2015 14:05	0.1105	0.0519	
12/9/2015 14:04	0.1104	0.0521	
12/9/2015 14:03	0.11	0.0523	
12/9/2015 14:02	0.1097	0.0524	
12/9/2015 14:01	0.1096	0.0526	
12/9/2015 14:00	0.1093	0.0529	
12/9/2015 13:59	0.1092	0.0533	
12/9/2015 13:58	0.1089	0.0536	
12/9/2015 13:57	0.1089	0.0544	
12/9/2015 13:56	0.1089		
12/9/2015 13:55	0.1085	0.0561	
12/9/2015 13:54	0.1084	0.0584	
12/9/2015 13:53	0.1083	0.0594	
12/9/2015 13:52	0.1083	0.0596	
12/9/2015 13:51	0.1082	0.0599	
12/9/2015 13:50	0.1081	0.06	
12/9/2015 13:49	0.1079	0.0604	
12/9/2015 13:48	0.1078	0.0606	
12/9/2015 13:47	0.1079	0.0611	
12/9/2015 13:46	0.1075	0.0621	
12/9/2015 13:45	0.1075	0.0624	
12/9/2015 13:44	0.1073	0.0626	
12/9/2015 13:43	0.1073	0.0629	
12/9/2015 13:42	0.1069	0.0629	
12/9/2015 13:41	0.1065	0.0631	
12/9/2015 13:40	0.1063	0.062	
12/9/2015 13:39	0.1059	0.0603	
12/9/2015 13:38	0.1057	0.06	
12/9/2015 13:37	0.1053	0.0605	
12/9/2015 13:36	0.1049	0.0607	
12/9/2015 13:35	0.1047	0.0612	
12/9/2015 13:34	0.1044	0.0615	
12/9/2015 13:33	0.1042	0.0619	
12/9/2015 13:32	0.104	0.0618	
12/9/2015 13:31	0.1038	0.0615	
12/9/2015 13:30	0.1035	0.0619	
12/9/2015 13:29	0.1031	0.0622	
12/9/2015 13:28	0.1029	0.0625	
12/9/2015 13:27	0.1025	0.0628	
12/9/2015 13:26	0.1023	0.0631	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 13:25	0.1019	0.0632	
12/9/2015 13:24	0.1018	0.0633	
12/9/2015 13:23	0.1015	0.0633	
12/9/2015 13:22	0.1013	0.0633	
12/9/2015 13:21	0.1011	0.0635	
12/9/2015 13:20	0.101	0.0637	
12/9/2015 13:19	0.1008	0.0639	
12/9/2015 13:18	0.1005	0.0641	
12/9/2015 13:17	0.1002	0.0643	
12/9/2015 13:16	0.1	0.0644	
12/9/2015 13:15	0.0999	0.0643	
12/9/2015 13:14	0.0999	0.0643	
12/9/2015 13:13	0.0995	0.0641	
12/9/2015 13:12	0.0994	0.0641	
12/9/2015 13:11	0.0993	0.0641	
12/9/2015 13:10	0.0993	0.0641	
12/9/2015 13:09	0.0992	0.0642	
12/9/2015 13:08	0.0991	0.0645	
12/9/2015 13:07	0.0991	0.0646	
12/9/2015 13:06	0.099	0.0647	
12/9/2015 13:05	0.0987	0.0647	
12/9/2015 13:04	0.0986	0.0648	
12/9/2015 13:03	0.0984	0.065	
12/9/2015 13:02	0.0983	0.0653	
12/9/2015 13:01	0.0982	0.0655	
12/9/2015 13:00	0.0981	0.066	
12/9/2015 12:59	0.0979	0.0664	
12/9/2015 12:58	0.0978	0.067	
12/9/2015 12:57	0.0977	0.0676	
12/9/2015 12:56	0.0977	0.0681	
12/9/2015 12:55	0.0977	0.0687	
12/9/2015 12:54	0.0977	0.0699	
12/9/2015 12:53	0.0977	0.0701	
12/9/2015 12:52	0.0977	0.0704	
12/9/2015 12:51	0.0977	0.0706	
12/9/2015 12:50	0.0979	0.0707	
12/9/2015 12:49	0.0982	0.0707	
12/9/2015 12:48	0.0984	0.0707	
12/9/2015 12:47	0.0986	0.0705	
12/9/2015 12:46	0.0989	0.0703	
12/9/2015 12:45	0.0992	0.0701	
12/9/2015 12:44	0.0994	0.0701	
12/9/2015 12:43	0.0999	0.0699	
12/9/2015 12:42	0.1003	0.0721	
12/9/2015 12:41	0.1005	0.0719	
12/9/2015 12:40	0.1007	0.0718	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 12:39	0.1007	0.0705	
12/9/2015 12:38	0.1008	0.0703	
12/9/2015 12:37	0.1009	0.0703	
12/9/2015 12:36	0.101	0.0703	
12/9/2015 12:35	0.101	0.0703	
12/9/2015 12:34	0.101	0.0704	
12/9/2015 12:33	0.1011	0.0703	
12/9/2015 12:32	0.1011	0.0702	
12/9/2015 12:31	0.101	0.0709	
12/9/2015 12:30	0.1009	0.0708	
12/9/2015 12:29	0.1008	0.0705	
12/9/2015 12:28	0.1005	0.0703	
12/9/2015 12:27	0.1001	0.0675	
12/9/2015 12:26	0.0997	0.0676	
12/9/2015 12:25	0.0994	0.0685	
12/9/2015 12:24	0.0989	0.0685	
12/9/2015 12:23	0.0986	0.0749	
12/9/2015 12:22	0.0983	0.0745	
12/9/2015 12:21	0.098	0.0743	
12/9/2015 12:20	0.0977	0.0741	
12/9/2015 12:19	0.0972	0.0737	
12/9/2015 12:18	0.0967	0.0737	
12/9/2015 12:17	0.0961	0.0735	
12/9/2015 12:16	0.0957	0.0727	
12/9/2015 12:15	0.0951	0.0727	
12/9/2015 12:14	0.0948	0.0727	
12/9/2015 12:13	0.0943	0.0725	
12/9/2015 12:12	0.0943	0.0725	
12/9/2015 12:11	0.0941	0.0721	
12/9/2015 12:10	0.0939	0.0707	
12/9/2015 12:09	0.0939	0.0707	
12/9/2015 12:08	0.0937	0.0639	
12/9/2015 12:07	0.0935	0.0638	
12/9/2015 12:06	0.0935	0.0636	
12/9/2015 12:05	0.0935	0.0633	
12/9/2015 12:04	0.0934	0.0633	
12/9/2015 12:03	0.0935	0.0632	
12/9/2015 12:02	0.0937	0.0633	
12/9/2015 12:01	0.0937	0.0635	
12/9/2015 12:00	0.0941	0.0635	
12/9/2015 11:59	0.0943	0.0635	
12/9/2015 11:58	0.0945	0.0637	
12/9/2015 11:57	0.0945	0.0641	
12/9/2015 11:56	0.0949	0.0687	
12/9/2015 11:55	0.0951	0.0687	
12/9/2015 11:54	0.0952	0.0687	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 11:53	0.0954	0.069	
12/9/2015 11:52	0.0955	0.0691	
12/9/2015 11:51	0.0957	0.0694	
12/9/2015 11:50	0.0957	0.0696	
12/9/2015 11:49	0.0957	0.0697	
12/9/2015 11:48	0.0955	0.0697	
12/9/2015 11:47	0.0954	0.0697	
12/9/2015 11:46	0.0953	0.0695	
12/9/2015 11:45	0.095	0.0692	
12/9/2015 11:44	0.0945	0.069	
12/9/2015 11:43	0.0942	0.0688	
12/9/2015 11:42	0.0938	0.0683	
12/9/2015 11:41	0.0932	0.0637	
12/9/2015 11:40	0.0926	0.0635	
12/9/2015 11:39	0.0921	0.0633	
12/9/2015 11:38	0.0917	0.0631	
12/9/2015 11:37	0.0912	0.0633	
12/9/2015 11:36	0.0903	0.0633	
12/9/2015 11:35	0.0897	0.0635	
12/9/2015 11:34	0.0891	0.0635	
12/9/2015 11:33	0.0887	0.0635	
12/9/2015 11:32	0.0881	0.0637	
12/9/2015 11:31	0.0874	0.0638	
12/9/2015 11:30	0.0867	0.0639	
12/9/2015 11:29	0.0861	0.0641	
12/9/2015 11:28	0.0855	0.0644	
12/9/2015 11:27	0.0851	0.0648	
12/9/2015 11:26	0.0846	0.0651	
12/9/2015 11:25	0.0842	0.0654	
12/9/2015 11:24	0.0839	0.0655	
12/9/2015 11:23	0.0839	0.0657	
12/9/2015 11:22	0.0835	0.0652	
12/9/2015 11:21	0.0832	0.065	
12/9/2015 11:20	0.0829	0.0659	
12/9/2015 11:19	0.0825	0.0658	
12/9/2015 11:18	0.0821	0.0657	
12/9/2015 11:17	0.0817	0.0657	
12/9/2015 11:16	0.0815	0.0657	
12/9/2015 11:15	0.0815	0.0658	
12/9/2015 11:14	0.0813	0.0657	
12/9/2015 11:13	0.0811	0.0655	
12/9/2015 11:12	0.0809	0.0652	
12/9/2015 11:11	0.0809	0.0649	
12/9/2015 11:10	0.0807	0.0645	
12/9/2015 11:09	0.0803	0.0643	
12/9/2015 11:08	0.0795	0.0639	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 11:07	0.0791	0.0639	
12/9/2015 11:06	0.0791	0.0639	
12/9/2015 11:05	0.0789	0.0627	
12/9/2015 11:04	0.0792	0.0629	
12/9/2015 11:03	0.079	0.0628	
12/9/2015 11:02	0.0789	0.0625	
12/9/2015 11:01	0.0787	0.0623	
12/9/2015 11:00	0.0785	0.0622	
12/9/2015 10:59	0.0785	0.0623	
12/9/2015 10:58	0.0783	0.0628	
12/9/2015 10:57	0.078	0.0629	
12/9/2015 10:56	0.0775	0.0631	
12/9/2015 10:55	0.0772	0.0641	
12/9/2015 10:54	0.077	0.0645	
12/9/2015 10:53	0.0767	0.0649	
12/9/2015 10:52	0.0766	0.0651	
12/9/2015 10:51	0.0761	0.0651	
12/9/2015 10:50	0.0757	0.0652	
12/9/2015 10:49	0.0752	0.0651	
12/9/2015 10:48	0.0749	0.0653	
12/9/2015 10:47	0.0745	0.0655	
12/9/2015 10:46	0.0739	0.0657	
12/9/2015 10:45	0.0735	0.0657	
12/9/2015 10:44	0.0729	0.0659	
12/9/2015 10:43	0.0725	0.0654	
12/9/2015 10:42	0.0721	0.0654	
12/9/2015 10:41	0.0715	0.0654	
12/9/2015 10:40	0.0711	0.0649	
12/9/2015 10:39	0.0706	0.0649	
12/9/2015 10:38	0.0701	0.0651	
12/9/2015 10:37	0.0697	0.0655	
12/9/2015 10:36	0.0692	0.0659	
12/9/2015 10:35	0.0689	0.0663	
12/9/2015 10:34	0.0683	0.0667	
12/9/2015 10:33	0.0681	0.0671	
12/9/2015 10:32	0.0678	0.0673	
12/9/2015 10:31	0.0677	0.0675	
12/9/2015 10:30	0.0673	0.0678	
12/9/2015 10:29	0.0669	0.0679	
12/9/2015 10:28	0.0665	0.0682	
12/9/2015 10:27	0.0662	0.0684	
12/9/2015 10:26	0.0661	0.0702	
12/9/2015 10:25	0.0658	0.0703	
12/9/2015 10:24	0.0657	0.0707	
12/9/2015 10:23	0.0655	0.0717	
12/9/2015 10:22	0.0654	0.0717	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 10:21	0.0652	0.0717	
12/9/2015 10:20	0.0648	0.0718	
12/9/2015 10:19	0.0647	0.0727	
12/9/2015 10:18	0.0643	0.0728	
12/9/2015 10:17	0.0643	0.0733	
12/9/2015 10:16	0.064	0.0737	
12/9/2015 10:15	0.0637	0.0743	
12/9/2015 10:14	0.0635	0.0757	
12/9/2015 10:13	0.0634	0.0769	
12/9/2015 10:12	0.0631	0.0771	
12/9/2015 10:11	0.0629	0.0756	
12/9/2015 10:10	0.0626	0.0761	
12/9/2015 10:09	0.0623	0.076	
12/9/2015 10:08	0.0618	0.0752	
12/9/2015 10:07	0.0613	0.0753	
12/9/2015 10:06	0.0613	0.0756	
12/9/2015 10:05	0.0613	0.0757	
12/9/2015 10:04	0.0611	0.0749	
12/9/2015 10:03	0.0611	0.075	
12/9/2015 10:02	0.0606	0.0747	
12/9/2015 10:01	0.0603	0.0745	
12/9/2015 10:00	0.0603	0.0744	
12/9/2015 9:59	0.06	0.0731	
12/9/2015 9:58	0.0597	0.0723	
12/9/2015 9:57	0.0595	0.0725	
12/9/2015 9:56	0.0593	0.0726	
12/9/2015 9:55	0.0591	0.0724	
12/9/2015 9:54	0.0588	0.0727	
12/9/2015 9:53	0.0591	0.0729	
12/9/2015 9:52	0.0589	0.0733	
12/9/2015 9:51	0.0584	0.0733	
12/9/2015 9:50	0.0584	0.0735	
12/9/2015 9:49	0.0582	0.0737	
12/9/2015 9:48	0.0575	0.0739	
12/9/2015 9:47	0.0572	0.0741	
12/9/2015 9:46	0.0567	0.0743	
12/9/2015 9:45	0.056	0.0742	
12/9/2015 9:44	0.0558	0.0761	
12/9/2015 9:43	0.0553	0.0761	
12/9/2015 9:42	0.055	0.0762	
12/9/2015 9:41	0.0544	0.0763	
12/9/2015 9:40	0.0541	0.0763	
12/9/2015 9:39	0.0537	0.0761	
12/9/2015 9:38	0.0528	0.076	
12/9/2015 9:37	0.0524	0.0759	
12/9/2015 9:36	0.052	0.0758	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 9:35	0.0512	0.0757	
12/9/2015 9:34	0.0504	0.0757	
12/9/2015 9:33	0.05	0.0757	
12/9/2015 9:32	0.0494	0.0755	
12/9/2015 9:31	0.0489	0.0753	
12/9/2015 9:30	0.0485	0.0753	
12/9/2015 9:29	0.0478	0.0735	
12/9/2015 9:28	0.0473	0.0734	
12/9/2015 9:27	0.0467	0.0733	
12/9/2015 9:26	0.0462	0.0732	
12/9/2015 9:25	0.0457	0.0731	
12/9/2015 9:24	0.0451	0.073	
12/9/2015 9:23	0.0447	0.0729	
12/9/2015 9:22	0.0441	0.0728	
12/9/2015 9:21	0.0435	0.0727	
12/9/2015 9:20	0.0428	0.0727	
12/9/2015 9:19	0.0423	0.0727	
12/9/2015 9:18	0.0418	0.0724	
12/9/2015 9:17	0.0413	0.0723	
12/9/2015 9:16	0.0409	0.0724	
12/9/2015 9:15	0.0405	0.0724	
12/9/2015 9:14	0.04	0.0724	
12/9/2015 9:13	0.0393	0.0723	
12/9/2015 9:12	0.0388	0.0723	
12/9/2015 9:11	0.0382	0.0722	
12/9/2015 9:10	0.0379	0.0722	
12/9/2015 9:09	0.0375	0.0722	
12/9/2015 9:08	0.0373	0.0722	
12/9/2015 9:07	0.037	0.0723	
12/9/2015 9:06	0.0367	0.0723	
12/9/2015 9:05	0.0364	0.0722	
12/9/2015 9:04	0.0361	0.0721	
12/9/2015 9:03	0.0359	0.0723	
12/9/2015 9:02	0.0355	0.0723	
12/9/2015 9:01	0.0352	0.072	
12/9/2015 9:00	0.0345	0.0718	
12/9/2015 8:59	0.0337	0.0713	
12/9/2015 8:58	0.034	0.0715	
12/9/2015 8:57	0.034	0.071	
12/8/2015 16:21	0.0677	0.0579	
12/8/2015 16:20	0.0677	0.0582	
12/8/2015 16:19	0.0676	0.0581	
12/8/2015 16:18	0.0675	0.0583	
12/8/2015 16:17	0.0674	0.0585	
12/8/2015 16:16	0.0675	0.0495	
12/8/2015 16:15	0.0675	0.0336	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 16:14	0.0675	0.0341	
12/8/2015 16:13	0.0675	0.0345	
12/8/2015 16:12	0.0675	0.0347	
12/8/2015 16:11	0.0675	0.0351	
12/8/2015 16:10	0.0676	0.0356	
12/8/2015 16:09	0.0677	0.0359	
12/8/2015 16:08	0.0676	0.0361	
12/8/2015 16:07	0.0676	0.0362	
12/8/2015 16:06	0.0677	0.0362	
12/8/2015 16:05	0.0677	0.0363	
12/8/2015 16:04	0.0678	0.0366	
12/8/2015 16:03	0.0679	0.0369	
12/8/2015 16:02	0.0679	0.0372	
12/8/2015 16:01	0.0679	0.0375	
12/8/2015 16:00	0.0677	0.0375	
12/8/2015 15:59	0.0676	0.0376	
12/8/2015 15:58	0.0675	0.0376	
12/8/2015 15:57	0.0674	0.0376	
12/8/2015 15:56	0.0673	0.0377	
12/8/2015 15:55	0.0675	0.0377	
12/8/2015 15:54	0.0675	0.0378	
12/8/2015 15:53	0.0674	0.0379	
12/8/2015 15:52	0.0675	0.0379	
12/8/2015 15:51	0.0675	0.0381	
12/8/2015 15:50	0.0676	0.0383	
12/8/2015 15:49	0.0677	0.0384	
12/8/2015 15:48	0.0676	0.0385	
12/8/2015 15:47	0.0677	0.0388	
12/8/2015 15:46	0.0677	0.0391	
12/8/2015 15:45	0.068	0.0394	
12/8/2015 15:44	0.0681	0.0395	
12/8/2015 15:43	0.0681	0.0397	
12/8/2015 15:42	0.068	0.0401	
12/8/2015 15:41	0.068	0.0403	
12/8/2015 15:40	0.068	0.0407	
12/8/2015 15:39	0.0679	0.0409	
12/8/2015 15:38	0.068	0.0413	
12/8/2015 15:37	0.0681	0.0417	
12/8/2015 15:36	0.0679	0.042	
12/8/2015 15:35	0.0677	0.0423	
12/8/2015 15:34	0.0676	0.0428	
12/8/2015 15:33	0.0677	0.0429	
12/8/2015 15:32	0.0676	0.043	
12/8/2015 15:31	0.0676	0.043	
12/8/2015 15:30	0.0675	0.0431	
12/8/2015 15:29	0.0675	0.0433	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 15:28	0.0677	0.0435	
12/8/2015 15:27	0.0679	0.0437	
12/8/2015 15:26	0.0681	0.0439	
12/8/2015 15:25	0.0679	0.0439	
12/8/2015 15:24	0.0678	0.0439	
12/8/2015 15:23	0.0678	0.0439	
12/8/2015 15:22	0.0677	0.0437	
12/8/2015 15:21	0.0679	0.0436	
12/8/2015 15:20	0.0679	0.0439	
12/8/2015 15:19	0.0677	0.0437	
12/8/2015 15:18	0.0677	0.0439	
12/8/2015 15:17	0.0677	0.0441	
12/8/2015 15:16	0.0676	0.0442	
12/8/2015 15:15	0.0675	0.0443	
12/8/2015 15:14	0.0675	0.0445	
12/8/2015 15:13	0.0673	0.0446	
12/8/2015 15:12	0.0671	0.0446	
12/8/2015 15:11	0.0668	0.0446	
12/8/2015 15:10	0.0668	0.0448	
12/8/2015 15:09	0.0667	0.045	
12/8/2015 15:08	0.0667	0.0452	
12/8/2015 15:07	0.0667	0.0454	
12/8/2015 15:06	0.0665	0.0455	
12/8/2015 15:05	0.0666	0.0453	
12/8/2015 15:04	0.0667	0.0455	
12/8/2015 15:03	0.0667	0.0455	
12/8/2015 15:02	0.0666	0.0457	
12/8/2015 15:01	0.0666	0.0459	
12/8/2015 15:00	0.0667	0.046	
12/8/2015 14:59	0.0667	0.0461	
12/8/2015 14:58	0.0668	0.0463	
12/8/2015 14:57	0.0669	0.0464	
12/8/2015 14:56	0.0671	0.0465	
12/8/2015 14:55	0.0673	0.0465	
12/8/2015 14:54	0.0674	0.0465	
12/8/2015 14:53	0.0675	0.0465	
12/8/2015 14:52	0.0674	0.0465	
12/8/2015 14:51	0.0673	0.0465	
12/8/2015 14:50	0.0675	0.0464	
12/8/2015 14:49	0.0675	0.0463	
12/8/2015 14:48	0.0674	0.0463	
12/8/2015 14:47	0.0674	0.0461	
12/8/2015 14:46	0.0674	0.046	
12/8/2015 14:45	0.0674	0.0459	
12/8/2015 14:44	0.0674	0.0456	
12/8/2015 14:43	0.0673	0.0454	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 14:42	0.0673	0.0452	
12/8/2015 14:41	0.0671	0.0451	
12/8/2015 14:40	0.0669	0.0451	
12/8/2015 14:39	0.0668	0.045	
12/8/2015 14:38	0.0665	0.0449	
12/8/2015 14:37	0.0666	0.0449	
12/8/2015 14:36	0.0665	0.0449	
12/8/2015 14:35	0.0663	0.045	
12/8/2015 14:34	0.0663	0.045	
12/8/2015 14:33	0.0662	0.045	
12/8/2015 14:32	0.0661	0.0449	
12/8/2015 14:31	0.0659	0.0449	
12/8/2015 14:30	0.0658	0.0449	
12/8/2015 14:29	0.0656	0.0449	
12/8/2015 14:28	0.0654	0.0449	
12/8/2015 14:27	0.0653	0.0449	
12/8/2015 14:26	0.0651	0.0449	
12/8/2015 14:25	0.0651	0.0447	
12/8/2015 14:24	0.065	0.0447	
12/8/2015 14:23	0.0649	0.0446	
12/8/2015 14:22	0.0647	0.0445	
12/8/2015 14:21	0.0646	0.0445	
12/8/2015 14:20	0.0646	0.0443	
12/8/2015 14:19	0.0645	0.0443	
12/8/2015 14:18	0.0645	0.0442	
12/8/2015 14:17	0.0645	0.0442	
12/8/2015 14:16	0.0645	0.0441	
12/8/2015 14:15	0.0643	0.0441	
12/8/2015 14:14	0.0643	0.044	
12/8/2015 14:13	0.0643	0.0439	
12/8/2015 14:12	0.0643	0.0437	
12/8/2015 14:11	0.0643	0.0434	
12/8/2015 14:10	0.0641	0.0433	
12/8/2015 14:09	0.064	0.0431	
12/8/2015 14:08	0.0641	0.043	
12/8/2015 14:07	0.064	0.0428	
12/8/2015 14:06	0.0641	0.0427	
12/8/2015 14:05	0.0641	0.0425	
12/8/2015 14:04	0.064	0.0423	
12/8/2015 14:03	0.0639	0.0422	
12/8/2015 14:02	0.064	0.0421	
12/8/2015 14:01	0.0639	0.042	
12/8/2015 14:00	0.064	0.0419	
12/8/2015 13:59	0.0639	0.0417	
12/8/2015 13:58	0.0638	0.0417	
12/8/2015 13:57	0.0637	0.0418	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 13:56	0.0638	0.0419	
12/8/2015 13:55	0.0637	0.0418	
12/8/2015 13:54	0.0639	0.0417	
12/8/2015 13:53	0.0637	0.0418	
12/8/2015 13:52	0.0637	0.0419	
12/8/2015 13:51	0.0637	0.0419	
12/8/2015 13:50	0.0635	0.0418	
12/8/2015 13:49	0.0633	0.0419	
12/8/2015 13:48	0.0631	0.0419	
12/8/2015 13:47	0.0629	0.0419	
12/8/2015 13:46	0.063	0.042	
12/8/2015 13:45	0.0628	0.0419	
12/8/2015 13:44	0.0627	0.042	
12/8/2015 13:43	0.0625	0.0419	
12/8/2015 13:42	0.0624	0.0419	
12/8/2015 13:41	0.0622	0.0419	
12/8/2015 13:40	0.0621	0.0419	
12/8/2015 13:39	0.062	0.0419	
12/8/2015 13:38	0.0619	0.0462	
12/8/2015 13:37	0.0619	0.0525	
12/8/2015 13:36	0.0618	0.0525	
12/8/2015 13:35	0.0618	0.0525	
12/8/2015 13:34	0.0619	0.0525	
12/8/2015 13:33	0.062	0.0525	
12/8/2015 13:32	0.0622	0.0524	
12/8/2015 13:31	0.0621	0.0523	
12/8/2015 13:30	0.0623	0.0521	
12/8/2015 13:29	0.0623	0.0521	
12/8/2015 13:28	0.0624	0.0521	
12/8/2015 13:27	0.0625	0.052	
12/8/2015 13:26	0.0624	0.052	
12/8/2015 13:25	0.0623	0.052	
12/8/2015 13:24	0.0624	0.052	
12/8/2015 13:23	0.0625	0.0475	
12/8/2015 13:22	0.0625	0.0411	
12/8/2015 13:21	0.0626	0.0411	
12/8/2015 13:20	0.0625	0.0411	
12/8/2015 13:19	0.0625	0.041	
12/8/2015 13:18	0.0625	0.0411	
12/8/2015 13:17	0.0623	0.0411	
12/8/2015 13:16	0.0624	0.0411	
12/8/2015 13:15	0.0622	0.0413	
12/8/2015 13:14	0.0622	0.0412	
12/8/2015 13:13	0.0623	0.0413	
12/8/2015 13:12	0.0623	0.0413	
12/8/2015 13:11	0.0625	0.0413	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 13:10	0.0626	0.0413	
12/8/2015 13:09	0.0626	0.0489	
12/8/2015 13:08	0.0626	0.0489	
12/8/2015 13:07	0.0628	0.0488	
12/8/2015 13:06	0.0627	0.0487	
12/8/2015 13:05	0.0627	0.0487	
12/8/2015 13:04	0.0629	0.0487	
12/8/2015 13:03	0.0628	0.0487	
12/8/2015 13:02	0.0629	0.0485	
12/8/2015 13:01	0.0629	0.0497	
12/8/2015 13:00	0.063	0.0495	
12/8/2015 12:59	0.0631	0.0493	
12/8/2015 12:58	0.063	0.0491	
12/8/2015 12:57	0.063	0.0489	
12/8/2015 12:56	0.0629	0.0488	
12/8/2015 12:55	0.0629	0.0487	
12/8/2015 12:54	0.0629	0.0409	
12/8/2015 12:53	0.0628	0.0408	
12/8/2015 12:52	0.0626	0.0409	
12/8/2015 12:51	0.0626	0.0411	
12/8/2015 12:50	0.0626	0.0411	
12/8/2015 12:49	0.0625	0.0411	
12/8/2015 12:48	0.0626	0.0411	
12/8/2015 12:47	0.0626	0.0412	
12/8/2015 12:46	0.0625	0.0403	
12/8/2015 12:45	0.0625	0.0407	
12/8/2015 12:44	0.0626	0.0413	
12/8/2015 12:43	0.0627	0.0415	
12/8/2015 12:42	0.0628	0.0416	
12/8/2015 12:41	0.0629	0.0417	
12/8/2015 12:40	0.0629	0.0417	
12/8/2015 12:39	0.0627	0.0419	
12/8/2015 12:38	0.0629	0.0419	
12/8/2015 12:37	0.0631	0.0419	
12/8/2015 12:36	0.0632	0.0417	
12/8/2015 12:35	0.0633	0.0415	
12/8/2015 12:34	0.0633	0.0417	
12/8/2015 12:33	0.0632	0.0419	
12/8/2015 12:32	0.0632	0.0418	
12/8/2015 12:31	0.0635	0.0415	
12/8/2015 12:30	0.0636	0.0411	
12/8/2015 12:29	0.0634	0.0407	
12/8/2015 12:28	0.0633	0.0407	
12/8/2015 12:27	0.0632	0.0406	
12/8/2015 12:26	0.0632	0.0407	
12/8/2015 12:25	0.0632	0.0407	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 12:24	0.0634	0.0405	
12/8/2015 12:23	0.0632	0.0407	
12/8/2015 12:22	0.0631	0.0408	
12/8/2015 12:21	0.063	0.0409	
12/8/2015 12:20	0.063	0.0411	
12/8/2015 12:19	0.0631	0.0404	
12/8/2015 12:18	0.0634	0.0394	
12/8/2015 12:17	0.0633	0.0391	
12/8/2015 12:16	0.0631	0.0386	
12/8/2015 12:15	0.0627	0.0381	
12/8/2015 12:14	0.0627	0.0376	
12/8/2015 12:05	0.0617	0.0375	
12/8/2015 12:04	0.0616	0.0375	
12/8/2015 12:03	0.0614	0.0375	
12/8/2015 12:02	0.061	0.0376	
12/8/2015 12:01	0.0604	0.0378	
12/8/2015 12:00	0.06	0.0378	
12/8/2015 11:59	0.0595	0.0379	
12/8/2015 11:58	0.0589	0.0381	
12/8/2015 11:57	0.0587	0.0382	
12/8/2015 11:56	0.0582	0.0384	
12/8/2015 11:55	0.0579	0.0385	
12/8/2015 11:54	0.0579	0.0386	
12/8/2015 11:53	0.0578	0.0387	
12/8/2015 11:52	0.0574	0.0388	
12/8/2015 11:51	0.0569	0.0388	
12/8/2015 11:48	0.0559	0.0388	
12/8/2015 11:47	0.0559	0.0388	
12/8/2015 11:46	0.056	0.0388	
12/8/2015 11:45	0.0559	0.0389	
12/8/2015 11:44	0.0559	0.039	
12/8/2015 11:43	0.056	0.039	
12/8/2015 11:42	0.0559	0.039	
12/8/2015 11:41	0.0557	0.039	
12/8/2015 11:40	0.0555	0.0391	
12/8/2015 11:39	0.055	0.0391	
12/8/2015 11:38	0.0548	0.0391	
12/8/2015 11:37	0.0545	0.0391	
12/8/2015 11:36	0.0545	0.0391	
12/8/2015 11:35	0.0541	0.0391	
12/8/2015 11:34	0.0541	0.039	
12/8/2015 11:33	0.0543	0.039	
12/8/2015 11:32	0.054	0.039	
12/8/2015 11:31	0.0537	0.039	
12/8/2015 11:30	0.0534	0.0389	
12/8/2015 11:29	0.0532	0.039	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 11:28	0.0529	0.039	
12/8/2015 11:27	0.0527	0.039	
12/8/2015 11:26	0.0526	0.039	
12/8/2015 11:25	0.0525	0.039	
12/8/2015 11:24	0.0523	0.039	
12/8/2015 11:23	0.052	0.0391	
12/8/2015 11:22	0.052	0.0545	
12/8/2015 11:21	0.0519	0.0545	
12/8/2015 11:20	0.0519	0.0544	
12/8/2015 11:19	0.052	0.0545	
12/8/2015 11:18	0.0519	0.0544	
12/8/2015 11:17	0.0519	0.0543	
12/8/2015 11:16	0.0517	0.0544	
12/8/2015 11:15	0.0517	0.0543	
12/8/2015 11:14	0.0513	0.0542	
12/8/2015 11:13	0.0514	0.0542	
12/8/2015 11:12	0.0512	0.0541	
12/8/2015 11:11	0.0511	0.0541	
12/8/2015 11:10	0.0509	0.0541	
12/8/2015 11:09	0.0509	0.0541	
12/8/2015 11:08	0.0508	0.0539	
12/8/2015 11:07	0.0506	0.0385	
12/8/2015 11:06	0.0505	0.0385	
12/8/2015 11:05	0.0503	0.0385	
12/8/2015 11:04	0.05	0.0384	
12/8/2015 11:03	0.0498	0.0384	
12/8/2015 11:02	0.0495	0.0385	
12/8/2015 11:01	0.0493	0.0383	
12/8/2015 11:00	0.0491	0.0383	
12/8/2015 10:59	0.0491	0.0384	
12/8/2015 10:58	0.0488	0.0384	
12/8/2015 10:57	0.0487	0.0385	
12/8/2015 10:56	0.0485	0.0385	
12/8/2015 10:55	0.0483	0.0386	
12/8/2015 10:54	0.048	0.0386	
12/8/2015 10:53	0.0477	0.0387	
12/8/2015 10:52	0.0474	0.0386	
12/8/2015 10:51	0.0472	0.0386	
12/8/2015 10:50	0.0471	0.0386	
12/8/2015 10:49	0.0469	0.0387	
12/8/2015 10:48	0.0467	0.0387	
12/8/2015 10:47	0.0467	0.0388	
12/8/2015 10:46	0.0467	0.0389	
12/8/2015 10:45	0.0466	0.0389	
12/8/2015 10:44	0.0465	0.0389	
12/8/2015 10:43	0.0464	0.0391	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 10:42	0.0462	0.0391	
12/8/2015 10:41	0.046	0.039	
12/8/2015 10:40	0.0459	0.0391	
12/8/2015 10:39	0.0457	0.0391	
12/8/2015 10:38	0.0456	0.0391	
12/8/2015 10:37	0.0455	0.0392	
12/8/2015 10:36	0.0454	0.0393	
12/8/2015 10:35	0.0451	0.0393	
12/8/2015 10:34	0.045	0.0393	
12/8/2015 10:33	0.0447	0.0393	
12/8/2015 10:32	0.0444	0.0392	
12/8/2015 10:31	0.0441	0.0391	
12/8/2015 10:30	0.0437	0.0391	
12/8/2015 10:29	0.0436	0.0391	
12/8/2015 10:28	0.0433	0.0389	
12/8/2015 10:27	0.0431	0.0389	
12/8/2015 10:26	0.0429	0.0389	
12/8/2015 10:25	0.0427	0.0389	
12/8/2015 10:24	0.0426	0.0388	
12/8/2015 10:23	0.0424	0.0388	
12/8/2015 10:22	0.0423	0.0387	
12/8/2015 10:21	0.0419	0.0386	
12/8/2015 10:20	0.0416	0.0386	
12/8/2015 10:19	0.0414	0.0389	
12/8/2015 10:18	0.0412	0.0388	
12/8/2015 10:17	0.0411	0.0388	
12/8/2015 10:16	0.0408	0.0388	
12/8/2015 10:15	0.0406	0.0388	
12/8/2015 10:14	0.0403	0.0387	
12/8/2015 10:13	0.0401	0.0387	
12/8/2015 10:12	0.0399	0.0385	
12/8/2015 10:11	0.0397	0.0385	
12/8/2015 10:10	0.0395	0.0385	
12/8/2015 10:09	0.0392	0.0385	
12/8/2015 10:08	0.0389	0.0387	
12/8/2015 10:07	0.0385	0.0388	
12/8/2015 10:06	0.0381	0.0388	
12/8/2015 10:05	0.0381	0.0387	
12/8/2015 10:04	0.0378	0.0385	
12/8/2015 10:03	0.0375	0.0385	
12/8/2015 10:02	0.0371	0.0385	
12/8/2015 10:01	0.0369	0.0384	
12/8/2015 10:00	0.0367	0.0384	
12/8/2015 9:59	0.0365	0.0384	
12/8/2015 9:58	0.0361	0.0384	
12/8/2015 9:57	0.0357	0.0384	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 9:56	0.0352	0.0384	
12/8/2015 9:55	0.0348	0.0384	
12/8/2015 9:54	0.0344	0.0383	
12/8/2015 9:53	0.0341	0.038	
12/8/2015 9:52	0.0337	0.0379	
12/8/2015 9:51	0.0333	0.0379	
12/8/2015 9:50	0.0329	0.0379	
12/8/2015 9:49	0.0324	0.0379	
12/8/2015 9:48	0.0319	0.0379	
12/8/2015 9:47	0.0317	0.0379	
12/8/2015 9:46	0.0312	0.038	
12/8/2015 9:45	0.0308	0.0381	
12/8/2015 9:44	0.0303	0.0381	
12/8/2015 9:43	0.03	0.0381	
12/8/2015 9:42	0.0295	0.0383	
12/8/2015 9:41	0.0291	0.0384	
12/8/2015 9:40	0.0287	0.0385	
12/8/2015 9:39	0.0283	0.0385	
12/8/2015 9:38	0.028	0.0385	
12/8/2015 9:37	0.0276	0.0385	
12/8/2015 9:36	0.0273	0.0385	
12/8/2015 9:35	0.0269	0.0384	
12/8/2015 9:34	0.0263	0.0382	
12/8/2015 9:33	0.0258	0.0381	
12/8/2015 9:32	0.0252	0.0381	
12/8/2015 9:31	0.0247	0.0381	
12/8/2015 9:30	0.024	0.038	
12/8/2015 9:29	0.0236	0.038	
12/8/2015 9:28	0.0229	0.0379	
12/8/2015 9:27	0.0225	0.0379	
12/8/2015 9:26	0.0218	0.0377	
12/8/2015 9:25	0.0212	0.0375	
12/8/2015 9:24	0.0207	0.0376	
12/8/2015 9:23	0.0201	0.0379	
12/8/2015 9:22	0.0195	0.0379	
12/8/2015 9:21	0.0189	0.0385	
12/8/2015 9:20	0.0183	0.0414	
12/8/2015 9:19	0.0177	0.0855	
12/8/2015 9:18	0.0171	0.0856	
12/8/2015 9:17	0.0165	0.0856	
12/8/2015 9:16	0.0159	0.0856	
12/8/2015 9:15	0.0152	0.0855	
12/8/2015 9:14	0.0145	0.0855	
12/8/2015 9:13	0.0139	0.0857	
12/8/2015 9:12	0.0133	0.0855	
12/8/2015 9:11	0.0127	0.0855	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 9:10	0.0121	0.0854	
12/8/2015 9:09	0.0114	0.0852	
12/8/2015 9:08	0.0106	0.0849	
12/8/2015 9:07	0.0098	0.0849	
12/8/2015 9:06	0.0091	0.0843	
12/8/2015 9:05	0.0085	0.0814	
12/8/2015 9:04	0.0079	0.0374	
12/8/2015 9:03	0.0071	0.0374	
12/8/2015 9:02	0.0063	0.0373	
12/8/2015 9:01	0.0056	0.0372	
12/8/2015 9:00	0.005	0.0371	
12/8/2015 8:59	0.0043	0.037	
12/8/2015 8:58	0.0037	0.0367	
12/8/2015 8:57	0.0031	0.0366	
12/8/2015 8:56	0.0025	0.0366	
12/8/2015 8:55	0.002	0.0366	
12/8/2015 8:54	0.0016	0.0365	
12/8/2015 8:53	0.0013	0.0365	
12/8/2015 8:52	0.001	0.0364	
12/8/2015 8:51	0.0007	0.0363	
12/8/2015 8:50	0.0003	0.0362	
12/8/2015 8:49	0.0001	0.0361	
12/8/2015 8:48	0.0001	0.0359	
12/8/2015 8:47	0	0.0358	
12/8/2015 8:46	0	0.0357	
12/8/2015 8:45	0	0.0358	
12/8/2015 8:44	0	0.0359	
12/8/2015 8:43	0	0.0359	
12/8/2015 8:42	0	0.0361	
12/8/2015 8:41	0	0.0362	
12/8/2015 8:40	0	0.0364	
12/8/2015 8:39	0	0.0365	
12/8/2015 8:38	0	0.0365	
12/8/2015 8:37	0	0.037	
12/8/2015 8:36	0	0.0371	
12/8/2015 8:35	0	0.0371	
12/8/2015 8:34	0	0.0373	
12/8/2015 8:33	0	0.0374	
12/8/2015 8:32	0	0.0377	
12/8/2015 8:31	0	0.0378	
12/8/2015 8:30	0	0.0379	
12/8/2015 8:29	0	0.0381	
12/8/2015 8:28	0	0.0383	
12/8/2015 8:27	0	0.0385	
12/8/2015 8:26	0	0.0386	
12/8/2015 8:25	0	0.0387	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 8:24	0	0.039	
12/8/2015 8:23	0	0.0393	
12/8/2015 8:22	0	0.0393	
12/8/2015 8:21	0	0.0394	
12/8/2015 8:20	0	0.0396	
12/8/2015 8:19	0	0.0397	
12/8/2015 8:18	0	0.0399	
12/8/2015 8:17	0	0.04	
12/8/2015 8:16	0	0.0403	
12/8/2015 8:15	0	0.0405	
12/8/2015 8:14	0	0.0406	
12/8/2015 8:13	0	0.041	
12/8/2015 8:12	0	0.0412	
12/8/2015 8:11	0	0.0415	
12/8/2015 8:10	0	0.0417	
12/8/2015 8:09	0	0.042	
12/8/2015 8:08	0	0.042	
12/7/2015 16:14		0.0479	
12/7/2015 16:13		0.0479	
12/7/2015 16:12		0.0478	
12/7/2015 16:11		0.0477	
12/7/2015 16:10		0.0475	
12/7/2015 16:09		0.0475	
12/7/2015 16:08		0.0473	
12/7/2015 16:07		0.0472	
12/7/2015 16:06		0.0471	
12/7/2015 16:05		0.0469	
12/7/2015 16:04		0.0469	
12/7/2015 16:03		0.0469	
12/7/2015 16:02		0.0469	
12/7/2015 16:01		0.0467	
12/7/2015 16:00		0.0467	
12/7/2015 15:59		0.0467	
12/7/2015 15:58		0.0465	
12/7/2015 15:57		0.0465	
12/7/2015 15:56		0.0465	
12/7/2015 15:55		0.0465	
12/7/2015 15:54		0.0468	
12/7/2015 15:53		0.0469	
12/7/2015 15:52		0.0468	
12/7/2015 15:51		0.0468	
12/7/2015 15:50		0.0468	
12/7/2015 15:49		0.0467	
12/7/2015 15:48		0.0467	
12/7/2015 15:47		0.0465	
12/7/2015 15:46		0.0465	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 15:45		0.0463	
12/7/2015 15:44		0.0462	
12/7/2015 15:43		0.0461	
12/7/2015 15:42		0.0459	
12/7/2015 15:41		0.0457	
12/7/2015 15:40		0.0455	
12/7/2015 15:39		0.0449	
12/7/2015 15:38		0.0447	
12/7/2015 15:37		0.0445	
12/7/2015 15:36		0.0443	
12/7/2015 15:35		0.0441	
12/7/2015 15:34		0.0439	
12/7/2015 15:33		0.0437	
12/7/2015 15:32		0.0435	
12/7/2015 15:31		0.0433	
12/7/2015 15:30		0.0431	
12/7/2015 15:29		0.0429	
12/7/2015 15:28		0.0428	
12/7/2015 15:27		0.0427	
12/7/2015 15:26		0.0425	
12/7/2015 15:25		0.0423	
12/7/2015 15:24		0.0421	
12/7/2015 15:23		0.0419	
12/7/2015 15:22		0.0417	
12/7/2015 15:21		0.0415	
12/7/2015 15:20		0.0413	
12/7/2015 15:19		0.0410	
12/7/2015 15:18		0.0407	
12/7/2015 15:17		0.0404	
12/7/2015 15:16		0.0403	
12/7/2015 15:15		0.0401	
12/7/2015 15:14		0.0397	
12/7/2015 15:13		0.0393	
12/7/2015 15:12		0.0389	
12/7/2015 15:11		0.0385	
12/7/2015 15:10		0.0382	
12/7/2015 15:09		0.0380	
12/7/2015 15:08		0.0389	
12/7/2015 15:07		0.0386	
12/7/2015 15:06		0.0383	
12/7/2015 15:05		0.0381	
12/7/2015 15:04		0.0379	
12/7/2015 15:03		0.0378	
12/7/2015 15:02		0.0376	
12/7/2015 15:01		0.0373	
12/7/2015 15:00		0.0371	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 14:59		0.0370	
12/7/2015 14:58		0.0371	
12/7/2015 14:57		0.0377	
12/7/2015 14:56		0.0385	
12/7/2015 14:55		0.0397	
12/7/2015 14:54		0.0396	
12/7/2015 14:53		0.0385	
12/7/2015 14:52		0.0392	
12/7/2015 14:51		0.0464	
12/7/2015 14:50		0.0537	
12/7/2015 14:49		0.0652	
12/7/2015 14:48		0.0671	
12/7/2015 14:47		0.0670	
12/7/2015 14:46		0.0668	
12/7/2015 14:45		0.0671	
12/7/2015 14:44		0.0704	
12/7/2015 14:43		0.0751	
12/7/2015 14:42		0.0741	
12/7/2015 14:41		0.0731	
12/7/2015 14:40		0.0717	
12/7/2015 14:39		0.0715	
12/7/2015 14:38		0.0718	
12/7/2015 14:37		0.0709	
12/7/2015 14:36		0.0635	
12/7/2015 14:35		0.0561	
12/7/2015 14:34		0.0445	
12/7/2015 14:33		0.0425	
12/7/2015 14:32		0.0427	
12/7/2015 14:31		0.0429	
12/7/2015 14:30		0.0426	
12/7/2015 14:29		0.0393	
12/7/2015 14:28		0.0345	
12/7/2015 14:27		0.0347	
12/7/2015 14:26		0.0349	
12/7/2015 14:25		0.0349	
12/7/2015 14:24		0.0350	
12/7/2015 14:23		0.0347	
12/7/2015 14:22		0.0349	
12/7/2015 14:21		0.0353	
12/7/2015 14:20		0.0355	
12/7/2015 14:19		0.0369	
12/7/2015 14:18		0.0373	
12/7/2015 14:17		0.0373	
12/7/2015 14:16		0.0373	
12/7/2015 14:15		0.0373	
12/7/2015 14:14		0.0373	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 14:13		0.0373	
12/7/2015 14:12		0.0373	
12/7/2015 14:11		0.0373	
12/7/2015 14:10		0.0375	
12/7/2015 14:09		0.0377	
12/7/2015 14:08		0.0378	
12/7/2015 14:07		0.0378	
12/7/2015 14:06		0.0377	
12/7/2015 14:05		0.0375	
12/7/2015 14:04		0.0365	
12/7/2015 14:03		0.0449	
12/7/2015 14:02		0.0450	
12/7/2015 14:01		0.0451	
12/7/2015 14:00		0.0451	
12/7/2015 13:59		0.0451	
12/7/2015 13:58		0.0452	
12/7/2015 13:57		0.0453	
12/7/2015 13:56		0.0453	
12/7/2015 13:55		0.0453	
12/7/2015 13:54		0.0453	
12/7/2015 13:53		0.0452	
12/7/2015 13:52		0.0452	
12/7/2015 13:51		0.0452	
12/7/2015 13:50		0.0453	
12/7/2015 13:49		0.0450	
12/7/2015 13:48		0.0363	
12/7/2015 13:47		0.0363	
12/7/2015 13:46		0.0363	
12/7/2015 13:45		0.0363	
12/7/2015 13:44		0.0363	
12/7/2015 13:43		0.0363	
12/7/2015 13:42		0.0363	
12/7/2015 13:41		0.0363	
12/7/2015 13:40		0.0363	
12/7/2015 13:39		0.0363	
12/7/2015 13:38		0.0363	
12/7/2015 13:37		0.0362	
12/7/2015 13:36		0.0361	
12/7/2015 13:35		0.0361	
12/7/2015 13:34		0.0361	
12/7/2015 13:33		0.0360	
12/7/2015 13:32		0.0360	
12/7/2015 13:31		0.0360	
12/7/2015 13:30		0.0360	
12/7/2015 13:29		0.0361	
12/7/2015 13:28		0.0361	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 13:27		0.0361	
12/7/2015 13:26		0.0361	
12/7/2015 13:25		0.0362	
12/7/2015 13:24		0.0363	
12/7/2015 13:23		0.0363	
12/7/2015 13:22		0.0365	
12/7/2015 13:21		0.0399	
12/7/2015 13:20		0.0579	
12/7/2015 13:19		0.0579	
12/7/2015 13:18		0.0579	
12/7/2015 13:17		0.0579	
12/7/2015 13:16		0.0579	
12/7/2015 13:15		0.0579	
12/7/2015 13:14		0.0579	
12/7/2015 13:13		0.0580	
12/7/2015 13:12		0.0581	
12/7/2015 13:11		0.0581	
12/7/2015 13:10		0.0582	
12/7/2015 13:09		0.0582	
12/7/2015 13:08		0.0582	
12/7/2015 13:07		0.0581	
12/7/2015 13:06		0.0549	
12/7/2015 13:05		0.0370	
12/7/2015 13:04		0.0371	
12/7/2015 13:03		0.0372	
12/7/2015 13:02		0.0373	
12/7/2015 13:01		0.0375	
12/7/2015 13:00		0.0377	
12/7/2015 12:59		0.0378	
12/7/2015 12:58		0.0379	
12/7/2015 12:57		0.0380	
12/7/2015 12:56		0.0381	
12/7/2015 12:55		0.0381	
12/7/2015 12:54		0.0381	
12/7/2015 12:53		0.0383	
12/7/2015 12:52		0.0383	
12/7/2015 12:51		0.0384	
12/7/2015 12:50		0.0386	
12/7/2015 12:49		0.0389	
12/7/2015 12:48		0.0391	
12/7/2015 12:47		0.0392	
12/7/2015 12:46		0.0393	
12/7/2015 12:45		0.0395	
12/7/2015 12:44		0.0397	
12/7/2015 12:43		0.0402	
12/7/2015 12:42		0.0405	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 12:41		0.0407	
12/7/2015 12:40		0.0408	
12/7/2015 12:39		0.0409	
12/7/2015 12:38		0.0410	
12/7/2015 12:37		0.0411	
12/7/2015 12:36		0.0411	
12/7/2015 12:35		0.0411	
12/7/2015 12:34		0.0411	
12/7/2015 12:33		0.0410	
12/7/2015 12:32		0.0411	
12/7/2015 12:31		0.0411	
12/7/2015 12:30		0.0409	
12/7/2015 12:29		0.0409	
12/7/2015 12:28		0.0405	
12/7/2015 12:27		0.0403	
12/7/2015 12:26		0.0401	
12/7/2015 12:25		0.0402	
12/7/2015 12:24		0.0402	
12/7/2015 12:23		0.0401	
12/7/2015 12:22		0.0401	
12/7/2015 12:21		0.0401	
12/7/2015 12:20		0.0401	
12/7/2015 12:19		0.0401	
12/7/2015 12:18		0.0401	
12/7/2015 12:17		0.0400	
12/7/2015 12:16		0.0399	
12/7/2015 12:15		0.0400	
12/7/2015 12:14		0.0399	
12/7/2015 12:13		0.0398	
12/7/2015 12:12		0.0397	
12/7/2015 12:11		0.0397	
12/7/2015 12:10		0.0395	
12/7/2015 12:09		0.0395	
12/7/2015 12:08		0.0395	
12/7/2015 12:07		0.0394	
12/7/2015 12:06		0.0393	
12/7/2015 12:05		0.0392	
12/7/2015 12:04		0.0391	
12/7/2015 12:03		0.0389	
12/7/2015 12:02		0.0389	
12/7/2015 12:01		0.0391	
12/7/2015 12:00		0.0388	
12/7/2015 11:59		0.0387	
12/7/2015 11:58		0.0386	
12/7/2015 11:57		0.0385	
12/7/2015 11:56		0.0384	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 11:55		0.0383	
12/7/2015 11:54		0.0381	
12/7/2015 11:53		0.0380	
12/7/2015 11:52		0.0379	
12/7/2015 11:51		0.0378	
12/7/2015 11:50		0.0377	
12/7/2015 11:49		0.0377	
12/7/2015 11:48		0.0376	
12/7/2015 11:47		0.0375	
12/7/2015 11:46		0.0371	
12/7/2015 11:45		0.0371	
12/7/2015 11:44		0.0371	
12/7/2015 11:43		0.0370	
12/7/2015 11:42		0.0369	
12/7/2015 11:41		0.0369	
12/7/2015 11:40		0.0371	
12/7/2015 11:39		0.0370	
12/7/2015 11:38		0.0369	
12/7/2015 11:37		0.0367	
12/7/2015 11:36		0.0365	
12/7/2015 11:35		0.0363	
12/7/2015 11:34		0.0362	
12/7/2015 11:33		0.0361	
12/7/2015 11:32		0.0359	
12/7/2015 11:31		0.0358	
12/7/2015 11:30		0.0357	
12/7/2015 11:29		0.0355	
12/7/2015 11:28		0.0354	
12/7/2015 11:27		0.0352	
12/7/2015 11:26		0.0350	
12/7/2015 11:25		0.0347	
12/7/2015 11:24		0.0346	
12/7/2015 11:23		0.0345	
12/7/2015 11:22		0.0345	
12/7/2015 11:21		0.0345	
12/7/2015 11:20		0.0346	
12/7/2015 11:19		0.0346	
12/7/2015 11:18		0.0347	
12/7/2015 11:17		0.0363	
12/7/2015 11:16		0.0370	
12/7/2015 11:15		0.0373	
12/7/2015 11:14		0.0375	
12/7/2015 11:13		0.0377	
12/7/2015 11:12		0.0379	
12/7/2015 11:11		0.0382	
12/7/2015 11:10		0.0385	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 11:09		0.0387	
12/7/2015 11:08		0.0388	
12/7/2015 11:07		0.0389	
12/7/2015 11:06		0.0389	
12/7/2015 11:05		0.0390	
12/7/2015 11:04		0.0391	
12/7/2015 11:03		0.0390	
12/7/2015 11:02		0.0374	
12/7/2015 11:01		0.0367	
12/7/2015 11:00		0.0365	
12/7/2015 10:59		0.0363	
12/7/2015 10:58		0.0361	
12/7/2015 10:57		0.0359	
12/7/2015 10:56		0.0355	
12/7/2015 10:55		0.0351	
12/7/2015 10:54		0.0348	
12/7/2015 10:53		0.0346	
12/7/2015 10:52		0.0343	
12/7/2015 10:51		0.0340	
12/7/2015 10:50		0.0337	
12/7/2015 10:49		0.0334	
12/7/2015 10:48		0.0331	
12/7/2015 10:47		0.0341	
12/7/2015 10:46		0.0338	
12/7/2015 10:45		0.0334	
12/7/2015 10:44		0.0331	
12/7/2015 10:43		0.0327	
12/7/2015 10:42		0.0323	
12/7/2015 10:41		0.0321	
12/7/2015 10:40		0.0319	
12/7/2015 10:39		0.0316	
12/7/2015 10:38		0.0314	
12/7/2015 10:37		0.0312	
12/7/2015 10:36		0.0310	
12/7/2015 10:35		0.0309	
12/7/2015 10:34		0.0306	
12/7/2015 10:33		0.0304	
12/7/2015 10:32		0.0291	
12/7/2015 10:31		0.0289	
12/7/2015 10:30		0.0289	
12/7/2015 10:29		0.0288	
12/7/2015 10:28		0.0288	
12/7/2015 10:27		0.0289	
12/7/2015 10:26		0.0289	
12/7/2015 10:25		0.0294	
12/7/2015 10:24		0.0427	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 10:23		0.0425	
12/7/2015 10:22		0.0425	
12/7/2015 10:21		0.0424	
12/7/2015 10:20		0.0423	
12/7/2015 10:19		0.0422	
12/7/2015 10:18		0.0421	
12/7/2015 10:17		0.0420	
12/7/2015 10:16		0.0419	
12/7/2015 10:15		0.0419	
12/7/2015 10:14		0.0418	
12/7/2015 10:13		0.0416	
12/7/2015 10:12		0.0414	
12/7/2015 10:11		0.0413	
12/7/2015 10:10		0.0406	
12/7/2015 10:09		0.0273	
12/7/2015 10:08		0.0273	
12/7/2015 10:07		0.0273	
12/7/2015 10:06		0.0273	
12/7/2015 10:05		0.0272	
12/7/2015 10:04		0.0271	
12/7/2015 10:03		0.0271	
12/7/2015 10:02		0.0271	
12/7/2015 10:01		0.0270	
12/7/2015 10:00		0.0269	
12/7/2015 9:59		0.0269	
12/7/2015 9:58		0.0275	
12/7/2015 9:57		0.0449	
12/7/2015 9:56		0.0449	
12/7/2015 9:55		0.0450	
12/7/2015 9:54		0.0450	
12/7/2015 9:53		0.0451	
12/7/2015 9:52		0.0451	
12/7/2015 9:51		0.0452	
12/7/2015 9:50		0.0453	
12/7/2015 9:49		0.0454	
12/7/2015 9:48		0.0456	
12/7/2015 9:47		0.0456	
12/7/2015 9:46		0.0456	
12/7/2015 9:45		0.0456	
12/7/2015 9:44		0.0456	
12/7/2015 9:43		0.0449	
12/7/2015 9:42		0.0275	
12/7/2015 9:41		0.0275	
12/7/2015 9:40		0.0275	
12/7/2015 9:39		0.0276	
12/7/2015 9:38		0.0277	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 9:37		0.0277	
12/7/2015 9:36		0.0278	
12/7/2015 9:35		0.0279	
12/7/2015 9:34		0.0280	
12/7/2015 9:33		0.0280	
12/7/2015 9:32		0.0281	
12/7/2015 9:31		0.0283	
12/7/2015 9:30		0.0284	
12/7/2015 9:29		0.0286	
12/7/2015 9:28		0.0288	
12/7/2015 9:27		0.0290	
12/7/2015 9:26		0.0292	
12/7/2015 9:25		0.0293	
12/7/2015 9:24		0.0295	
12/7/2015 9:23		0.0295	
12/7/2015 9:22		0.0296	
12/7/2015 9:21		0.0297	
12/7/2015 9:20		0.0298	
12/7/2015 9:19		0.0299	
12/7/2015 9:18		0.0299	
12/7/2015 9:17		0.0301	
12/7/2015 9:16		0.0302	
12/7/2015 9:15		0.0303	
12/7/2015 9:14		0.0303	
12/7/2015 9:13		0.0303	
12/7/2015 9:12		0.0303	
12/7/2015 9:11		0.0303	
12/7/2015 9:10		0.0303	
12/7/2015 9:09		0.0302	
12/7/2015 9:08		0.0301	
12/7/2015 9:07		0.0301	
12/7/2015 9:06		0.0301	
12/7/2015 9:05		0.0299	
12/7/2015 9:04		0.0299	
12/7/2015 9:03		0.0297	
12/7/2015 9:02		0.0296	
12/7/2015 9:01		0.0295	
12/7/2015 9:00		0.0293	
12/7/2015 8:59		0.0292	
12/7/2015 8:58		0.0291	
12/7/2015 8:57		0.0291	
12/7/2015 8:56		0.0290	
12/7/2015 8:55		0.0289	
12/7/2015 8:54		0.0289	
12/7/2015 8:53		0.0289	
12/7/2015 8:52		0.0289	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 8:51		0.0289	
12/7/2015 8:50		0.0289	
12/7/2015 8:49		0.0289	
12/7/2015 8:48		0.0289	
12/7/2015 8:47		0.0289	
12/7/2015 8:46		0.0289	
12/7/2015 8:45		0.0289	
12/7/2015 8:44		0.0290	
12/7/2015 8:43		0.0290	
12/7/2015 8:42		0.0290	
12/7/2015 8:41		0.0290	
12/7/2015 8:40		0.0290	
12/7/2015 8:39		0.0289	
12/7/2015 8:38		0.0289	
12/7/2015 8:37		0.0289	
12/7/2015 8:36		0.0289	
12/7/2015 8:35		0.0287	
12/7/2015 8:34		0.0286	
12/7/2015 8:33		0.0285	
12/7/2015 8:32		0.0284	
12/7/2015 8:31		0.0283	
12/7/2015 8:30		0.0283	
12/7/2015 8:29		0.0281	
12/7/2015 8:28		0.0281	
12/7/2015 8:27		0.0280	
12/7/2015 8:26		0.0279	
12/7/2015 8:25		0.0279	
12/7/2015 8:24		0.0279	
12/7/2015 8:23		0.0278	
12/7/2015 8:22		0.0279	
12/7/2015 8:21		0.0279	
12/7/2015 8:20		0.0280	
12/7/2015 8:19		0.0281	
12/7/2015 8:18		0.0281	
12/7/2015 8:17		0.0281	
12/7/2015 8:16		0.0281	
12/7/2015 8:15		0.0281	
12/7/2015 8:14		0.0282	
12/7/2015 8:13		0.0282	
12/7/2015 8:12		0.0283	
12/7/2015 8:11		0.0283	
12/7/2015 8:10		0.0284	
12/7/2015 8:09		0.0285	
12/7/2015 8:08		0.0285	
12/7/2015 8:07		0.0284	
12/7/2015 8:06		0.0285	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 8:05		0.0285	PID was not connected to telemetry. See Downwind No. 1 monitoring data.
12/7/2015 8:04		0.0285	
12/7/2015 8:03		0.0285	
12/7/2015 8:02		0.0285	
12/7/2015 8:01		0.0285	
12/7/2015 8:00		0.0285	
12/7/2015 7:59		0.0289	
12/7/2015 7:58		0.0289	
12/7/2015 7:57		0.0285	
12/7/2015 7:56		0.0289	
12/7/2015 7:55		0.0289	
12/7/2015 7:54		0.0289	
12/7/2015 7:53		0.0289	
12/7/2015 7:52		0.0289	
12/7/2015 7:51		0.0289	
12/7/2015 7:50		0.0290	
12/7/2015 7:49		0.0292	
12/7/2015 7:48		0.0295	
12/7/2015 7:47		0.0300	
12/7/2015 7:46		0.0310	
12/7/2015 7:45		0.0330	
12/5/2015 13:33	0.0745		
12/5/2015 13:32	0.0745	0.0381	
12/5/2015 13:31	0.0743	0.0379	
12/5/2015 13:30	0.0743	0.0375	
12/5/2015 13:29	0.0743	0.0373	
12/5/2015 13:28	0.0742	0.0372	
12/5/2015 13:27	0.0743	0.0372	
12/5/2015 13:26	0.0742	0.0371	
12/5/2015 13:25	0.0743	0.0371	
12/5/2015 13:24	0.0744	0.0371	
12/5/2015 13:23	0.0747	0.0369	
12/5/2015 13:22	0.0747	0.0369	
12/5/2015 13:21	0.0747	0.0353	
12/5/2015 13:20	0.0747	0.0285	
12/5/2015 13:19	0.0745	0.0275	
12/5/2015 13:18	0.0743	0.0268	
12/5/2015 13:17	0.0741	0.0267	
12/5/2015 13:16	0.0741	0.0267	
12/5/2015 13:15	0.0739	0.0269	
12/5/2015 13:14	0.0738	0.027	
12/5/2015 13:13	0.0738	0.0271	
12/5/2015 13:12	0.0735	0.0272	
12/5/2015 13:11	0.0735	0.0273	
12/5/2015 13:10	0.0733	0.0278	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 13:09	0.0729	0.0278	
12/5/2015 13:08	0.0726	0.0279	
12/5/2015 13:07	0.0726	0.0279	
12/5/2015 13:06	0.0725	0.0278	
12/5/2015 13:05	0.0722	0.0278	
12/5/2015 13:04	0.0721	0.0279	
12/5/2015 13:03	0.0721	0.0279	
12/5/2015 13:02	0.0719	0.0279	
12/5/2015 13:01	0.0715	0.0279	
12/5/2015 13:00	0.0713	0.0279	
12/5/2015 12:59	0.071	0.0278	
12/5/2015 12:58	0.0709	0.0278	
12/5/2015 12:57	0.0708	0.0277	
12/5/2015 12:56	0.0706	0.0276	
12/5/2015 12:55	0.0703	0.0272	
12/5/2015 12:54	0.0701	0.0273	
12/5/2015 12:53	0.0699	0.0274	
12/5/2015 12:52	0.0695	0.0278	
12/5/2015 12:51	0.0693	0.0284	
12/5/2015 12:50	0.0693	0.0343	
12/5/2015 12:49	0.0691	0.0343	
12/5/2015 12:48	0.069	0.0343	
12/5/2015 12:47	0.0689	0.0343	
12/5/2015 12:46	0.0687	0.0344	
12/5/2015 12:45	0.0687	0.0345	
12/5/2015 12:44	0.0686	0.0346	
12/5/2015 12:43	0.0684	0.0349	
12/5/2015 12:42	0.0683	0.0351	
12/5/2015 12:41	0.0683	0.0352	
12/5/2015 12:40	0.0685	0.0353	
12/5/2015 12:39	0.0685	0.0355	
12/5/2015 12:38	0.0685	0.0356	
12/5/2015 12:37	0.0685	0.0353	
12/5/2015 12:36	0.0683	0.0349	
12/5/2015 12:35	0.0682	0.029	
12/5/2015 12:34	0.0682	0.029	
12/5/2015 12:33	0.0679	0.0291	
12/5/2015 12:32	0.0678	0.029	
12/5/2015 12:31	0.0679	0.0289	
12/5/2015 12:30	0.0678	0.0288	
12/5/2015 12:29	0.0677	0.0287	
12/5/2015 12:28	0.0677	0.0285	
12/5/2015 12:27	0.0679	0.0284	
12/5/2015 12:26	0.0678	0.0285	
12/5/2015 12:25	0.0677	0.0285	
12/5/2015 12:24	0.0677	0.0283	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 12:23	0.0676	0.0283	
12/5/2015 12:22	0.0675	0.0283	
12/5/2015 12:21	0.0677	0.0285	
12/5/2015 12:20	0.0675	0.0286	
12/5/2015 12:19	0.0671	0.0287	
12/5/2015 12:18	0.0669	0.0289	
12/5/2015 12:17	0.0671	0.0291	
12/5/2015 12:16	0.0667	0.0293	
12/5/2015 12:15	0.0667	0.0296	
12/5/2015 12:14	0.0667	0.0299	
12/5/2015 12:13	0.0667	0.0299	
12/5/2015 12:12	0.0664	0.0299	
12/5/2015 12:11	0.0663	0.0299	
12/5/2015 12:10	0.0661	0.0299	
12/5/2015 12:09	0.0661	0.03	
12/5/2015 12:08	0.0659	0.0301	
12/5/2015 12:07	0.066	0.0301	
12/5/2015 12:06	0.0659	0.0301	
12/5/2015 12:05	0.0659	0.0301	
12/5/2015 12:04	0.0661	0.0301	
12/5/2015 12:03	0.0661	0.0301	
12/5/2015 12:02	0.0661	0.0301	
12/5/2015 12:01	0.0663	0.03	
12/5/2015 12:00	0.0663	0.03	
12/5/2015 11:59	0.0661	0.0299	
12/5/2015 11:58	0.0659	0.03	
12/5/2015 11:57	0.0658	0.0301	
12/5/2015 11:56	0.0658	0.0302	
12/5/2015 11:55	0.0657	0.0302	
12/5/2015 11:54	0.0657	0.0303	
12/5/2015 11:53	0.0657	0.0315	
12/5/2015 11:52	0.0655	0.0331	
12/5/2015 11:51	0.0653	0.0357	
12/5/2015 11:50	0.0653	0.0357	
12/5/2015 11:49	0.0652	0.0356	
12/5/2015 11:48	0.0652	0.0356	
12/5/2015 11:47	0.0647	0.0355	
12/5/2015 11:46	0.0647	0.0355	
12/5/2015 11:45	0.0645	0.0356	
12/5/2015 11:44	0.0644	0.0356	
12/5/2015 11:43	0.0642	0.0356	
12/5/2015 11:42	0.0639	0.0357	
12/5/2015 11:41	0.0638	0.0355	
12/5/2015 11:40	0.0637	0.0355	
12/5/2015 11:39	0.0633	0.0355	
12/5/2015 11:38	0.0631	0.0344	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 11:37	0.0629	0.0329	
12/5/2015 11:36	0.0625	0.0304	
12/5/2015 11:35	0.0624	0.0306	
12/5/2015 11:34	0.0623	0.0307	
12/5/2015 11:33	0.0621	0.0307	
12/5/2015 11:32	0.0624	0.0309	
12/5/2015 11:31	0.0621	0.0309	
12/5/2015 11:30	0.062	0.0309	
12/5/2015 11:29	0.0621	0.0309	
12/5/2015 11:28	0.0621	0.0309	
12/5/2015 11:27	0.0621	0.031	
12/5/2015 11:26	0.0619	0.0312	
12/5/2015 11:25	0.062	0.0315	
12/5/2015 11:24	0.0619	0.0317	
12/5/2015 11:23	0.062	0.0318	
12/5/2015 11:22	0.0619	0.0319	
12/5/2015 11:21	0.0621	0.0323	
12/5/2015 11:20	0.0619	0.0325	
12/5/2015 11:19	0.0618	0.0325	
12/5/2015 11:18	0.0617	0.0326	
12/5/2015 11:17	0.0613	0.0327	
12/5/2015 11:16	0.061	0.0327	
12/5/2015 11:15	0.061	0.0327	
12/5/2015 11:14	0.0609	0.0328	
12/5/2015 11:13	0.0609	0.0329	
12/5/2015 11:12	0.0609	0.0329	
12/5/2015 11:11	0.0607	0.0328	
12/5/2015 11:10	0.0603	0.0327	
12/5/2015 11:09	0.0603	0.0325	
12/5/2015 11:08	0.0601	0.0325	
12/5/2015 11:07	0.0601	0.0324	
12/5/2015 11:06	0.0598	0.0321	
12/5/2015 11:05	0.0597	0.0319	
12/5/2015 11:04	0.0595	0.0319	
12/5/2015 11:03	0.0595	0.032	
12/5/2015 11:02	0.0596	0.0321	
12/5/2015 11:01	0.0595	0.0321	
12/5/2015 11:00	0.0591	0.0321	
12/5/2015 10:59	0.0589	0.0321	
12/5/2015 10:58	0.0585	0.0322	
12/5/2015 10:57	0.0581	0.0322	
12/5/2015 10:56	0.0581	0.0323	
12/5/2015 10:55	0.0582	0.0323	
12/5/2015 10:54	0.0581	0.0325	
12/5/2015 10:53	0.0581	0.0326	
12/5/2015 10:52	0.0578	0.0327	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 10:51	0.0578	0.0327	
12/5/2015 10:50	0.0573	0.0327	
12/5/2015 10:49	0.0571	0.0329	
12/5/2015 10:48	0.0569	0.033	
12/5/2015 10:47	0.0566	0.033	
12/5/2015 10:46	0.0566	0.0331	
12/5/2015 10:45	0.0566	0.0333	
12/5/2015 10:44	0.0563	0.0334	
12/5/2015 10:43	0.0559	0.0335	
12/5/2015 10:42	0.0555	0.0335	
12/5/2015 10:41	0.0551	0.0336	
12/5/2015 10:40	0.0546	0.0336	
12/5/2015 10:39	0.0544	0.0335	
12/5/2015 10:38	0.0541	0.0335	
12/5/2015 10:37	0.0539	0.0335	
12/5/2015 10:36	0.0535	0.0335	
12/5/2015 10:35	0.0536	0.0335	
12/5/2015 10:34	0.0533	0.0335	
12/5/2015 10:33	0.0529	0.0335	
12/5/2015 10:32	0.0527	0.0336	
12/5/2015 10:31	0.0523	0.0336	
12/5/2015 10:30	0.0519	0.0336	
12/5/2015 10:29	0.0519	0.0336	
12/5/2015 10:28	0.0517	0.0335	
12/5/2015 10:27	0.0518	0.0336	
12/5/2015 10:26	0.0516	0.0337	
12/5/2015 10:25	0.0514	0.0337	
12/5/2015 10:24	0.0509	0.0339	
12/5/2015 10:23	0.0503	0.0339	
12/5/2015 10:22	0.0501	0.0339	
12/5/2015 10:21	0.0499	0.034	
12/5/2015 10:20	0.0499	0.0341	
12/5/2015 10:19	0.0497	0.0341	
12/5/2015 10:18	0.0497	0.0341	
12/5/2015 10:17	0.0493	0.0341	
12/5/2015 10:16	0.0493	0.0342	
12/5/2015 10:15	0.049	0.0343	
12/5/2015 10:14	0.0488	0.0344	
12/5/2015 10:13	0.0487	0.0345	
12/5/2015 10:12	0.0484	0.0347	
12/5/2015 10:11	0.0481	0.0347	
12/5/2015 10:10	0.048	0.0347	
12/5/2015 10:09	0.048	0.0347	
12/5/2015 10:08	0.0479	0.0348	
12/5/2015 10:07	0.0477	0.0348	
12/5/2015 10:06	0.0475	0.0348	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 10:05	0.0471	0.0353	
12/5/2015 10:04	0.0469	0.0355	
12/5/2015 10:03	0.0468	0.0355	
12/5/2015 10:02	0.0466	0.0355	
12/5/2015 10:01	0.0461	0.0354	
12/5/2015 10:00	0.046	0.0353	
12/5/2015 9:59	0.0457	0.0351	
12/5/2015 9:58	0.0453	0.0351	
12/5/2015 9:57	0.0451	0.0351	
12/5/2015 9:56	0.045	0.0351	
12/5/2015 9:55	0.0448	0.0351	
12/5/2015 9:54	0.0445	0.035	
12/5/2015 9:53	0.0442	0.0349	
12/5/2015 9:52	0.0441	0.0349	
12/5/2015 9:51	0.0437	0.0349	
12/5/2015 9:50	0.0432	0.0345	
12/5/2015 9:49	0.0429	0.0343	
12/5/2015 9:48	0.0423	0.0343	
12/5/2015 9:47	0.0421	0.0345	
12/5/2015 9:46	0.042	0.0346	
12/5/2015 9:45	0.0417	0.0347	
12/5/2015 9:44	0.0412	0.0349	
12/5/2015 9:43	0.0409	0.035	
12/5/2015 9:42	0.0404	0.035	
12/5/2015 9:41	0.0399	0.035	
12/5/2015 9:40	0.0394	0.035	
12/5/2015 9:39	0.0391	0.0351	
12/5/2015 9:38	0.0386	0.0352	
12/5/2015 9:37	0.038	0.0353	
12/5/2015 9:36	0.0376	0.0353	
12/5/2015 9:35	0.0374	0.0353	
12/5/2015 9:34	0.0369	0.0353	
12/5/2015 9:33	0.0365	0.0353	
12/5/2015 9:32	0.0357	0.0353	
12/5/2015 9:31	0.0351	0.0354	
12/5/2015 9:30	0.0344	0.0354	
12/5/2015 9:29	0.0339	0.0353	
12/5/2015 9:28	0.0333	0.0353	
12/5/2015 9:27	0.0328	0.0353	
12/5/2015 9:26	0.0323	0.0353	
12/5/2015 9:25	0.0317	0.0354	
12/5/2015 9:24	0.0312	0.0354	
12/5/2015 9:23	0.0307	0.0353	
12/5/2015 9:22	0.03	0.0353	
12/5/2015 9:21	0.0294	0.0353	
12/5/2015 9:20	0.0289	0.0353	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 9:19	0.0285	0.0353	
12/5/2015 9:18	0.028	0.0353	
12/5/2015 9:17	0.0276	0.0352	
12/5/2015 9:16	0.0271	0.0351	
12/5/2015 9:15	0.0267	0.0351	
12/5/2015 9:14	0.0261	0.0352	
12/5/2015 9:13	0.0257	0.0351	
12/5/2015 9:12	0.025	0.0351	
12/5/2015 9:11	0.0244	0.0349	
12/5/2015 9:10	0.0238	0.0348	
12/5/2015 9:09	0.0232	0.0348	
12/5/2015 9:08	0.0227	0.0347	
12/5/2015 9:07	0.0222	0.0347	
12/5/2015 9:06	0.0216	0.0346	
12/5/2015 9:05	0.0209	0.0345	
12/5/2015 9:04	0.0204	0.0344	
12/5/2015 9:03	0.0199	0.0343	
12/5/2015 9:02	0.0193	0.0341	
12/5/2015 9:01	0.0187	0.034	
12/5/2015 9:00	0.0181	0.0339	
12/5/2015 8:59	0.0175	0.0336	
12/5/2015 8:58	0.0171	0.0335	
12/5/2015 8:57	0.0168	0.0334	
12/5/2015 8:56	0.0165	0.0333	
12/5/2015 8:55	0.016	0.0332	
12/5/2015 8:54	0.0155	0.0331	
12/5/2015 8:53	0.0149	0.0329	
12/5/2015 8:52	0.0144	0.0328	
12/5/2015 8:51	0.0139	0.0328	
12/5/2015 8:50	0.0135	0.0327	
12/5/2015 8:49	0.013	0.0327	
12/5/2015 8:48	0.0124	0.0327	
12/5/2015 8:47	0.0119	0.0325	
12/5/2015 8:46	0.0115	0.0325	
12/5/2015 8:45	0.0111	0.0324	
12/5/2015 8:44	0.0107	0.0324	
12/5/2015 8:43	0.0101	0.0323	
12/5/2015 8:42	0.0097	0.0324	
12/5/2015 8:41	0.009	0.0324	
12/5/2015 8:40	0.0085	0.0323	
12/5/2015 8:39	0.008	0.0323	
12/5/2015 8:38	0.0076	0.0323	
12/5/2015 8:37	0.0069	0.0323	
12/5/2015 8:36	0.0065	0.0322	
12/5/2015 8:35	0.0059	0.0322	
12/5/2015 8:34	0.0053	0.0321	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 8:33	0.0048	0.0321	
12/5/2015 8:32	0.0043	0.0321	
12/5/2015 8:31	0.0037	0.0322	
12/5/2015 8:30	0.0033	0.0322	
12/5/2015 8:29	0.0027	0.0323	
12/5/2015 8:28	0.0023	0.0322	
12/5/2015 8:27	0.0018	0.0321	
12/5/2015 8:26	0.0015	0.0319	
12/5/2015 8:25	0.0013	0.0319	
12/5/2015 8:24	0.001	0.0317	
12/5/2015 8:23	0.0007	0.0317	
12/5/2015 8:22	0.0007	0.0315	
12/5/2015 8:21	0.0005	0.0314	
12/5/2015 8:20	0.0003	0.0313	
12/5/2015 8:19	0.0002	0.0313	
12/5/2015 8:18	0.0001	0.0315	
12/5/2015 8:17	0.0001	0.0315	
12/5/2015 8:16	0.0001	0.0314	
12/5/2015 8:15	0	0.0314	
12/5/2015 8:14	0	0.0313	
12/5/2015 8:13	0	0.0313	
12/5/2015 8:12	0	0.0313	
12/5/2015 8:11	0	0.0313	
12/5/2015 8:10	0	0.0315	
12/5/2015 8:09	0	0.0315	
12/5/2015 8:08	0	0.0314	
12/5/2015 8:07	0	0.0315	
12/5/2015 8:06	0	0.0314	
12/5/2015 8:05	0	0.0313	
12/5/2015 8:04	0	0.0313	
12/5/2015 8:03	0	0.0309	
12/5/2015 8:02	0	0.0307	
12/5/2015 8:01	0	0.0305	
12/5/2015 8:00	0	0.0304	
12/5/2015 7:59	0	0.0303	
12/5/2015 7:58	0	0.0302	
12/5/2015 7:57	0	0.0301	
12/5/2015 7:56	0	0.03	
12/5/2015 7:55	0	0.0298	
12/5/2015 7:54	0	0.0298	
12/5/2015 7:53	0	0.0298	
12/5/2015 7:52	0	0.0297	
12/5/2015 7:51	0	0.0297	
12/5/2015 7:50	0	0.0295	
12/5/2015 7:49	0	0.0294	
12/5/2015 7:48	0	0.0295	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 7:47	0	0.0296	
12/5/2015 7:46	0	0.0297	
12/5/2015 7:45	0	0.0297	
12/5/2015 7:44	0	0.0295	
12/5/2015 7:43	0	0.03	
12/5/2015 7:42			
12/4/2015 14:31		0.0263	
12/4/2015 14:30	0.1067	0.0261	
12/4/2015 14:29	0.1065	0.026	
12/4/2015 14:28	0.1062	0.0259	
12/4/2015 14:27	0.1061	0.0258	
12/4/2015 14:26	0.1059	0.0258	
12/4/2015 14:25	0.1057	0.0259	
12/4/2015 14:24	0.1056	0.0259	
12/4/2015 14:23	0.1055	0.0259	
12/4/2015 14:22	0.1053	0.0259	
12/4/2015 14:21	0.1052	0.0259	
12/4/2015 14:20	0.1052	0.0259	
12/4/2015 14:19	0.105	0.0259	
12/4/2015 14:18	0.1051	0.0258	
12/4/2015 14:17	0.1051	0.0257	
12/4/2015 14:16	0.1051	0.0257	
12/4/2015 14:15	0.1051	0.0257	
12/4/2015 14:14	0.1051	0.0257	
12/4/2015 14:13	0.1051	0.0257	
12/4/2015 14:12	0.1049	0.0255	
12/4/2015 14:11	0.1049	0.0254	
12/4/2015 14:10	0.1048	0.0252	
12/4/2015 14:09	0.1047	0.0251	
12/4/2015 14:08	0.1047	0.0251	
12/4/2015 14:07	0.1047	0.0249	
12/4/2015 14:06	0.1047	0.0249	
12/4/2015 14:05	0.1046	0.0247	
12/4/2015 14:04	0.1049	0.0247	
12/4/2015 14:03	0.1049	0.0246	
12/4/2015 14:02	0.105	0.0245	
12/4/2015 14:01	0.1051	0.0245	
12/4/2015 14:00	0.1051	0.0245	
12/4/2015 13:59	0.1053	0.0244	
12/4/2015 13:58	0.1054	0.0243	
12/4/2015 13:57	0.1057	0.0242	
12/4/2015 13:56	0.1057	0.0242	
12/4/2015 13:55	0.1059	0.0242	
12/4/2015 13:54	0.106	0.0241	
12/4/2015 13:53	0.106	0.0241	
12/4/2015 13:52	0.1061	0.0241	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 13:51	0.1063	0.0241	
12/4/2015 13:50	0.1062	0.0242	
12/4/2015 13:49	0.1059	0.0242	
12/4/2015 13:48	0.1057	0.0243	
12/4/2015 13:47	0.1054	0.0243	
12/4/2015 13:46	0.1053	0.0243	
12/4/2015 13:45	0.1052	0.0243	
12/4/2015 13:44	0.1049	0.0242	
12/4/2015 13:43	0.1047	0.0242	
12/4/2015 13:42	0.1044	0.0243	
12/4/2015 13:41	0.1043	0.0243	
12/4/2015 13:40	0.104	0.0243	
12/4/2015 13:39	0.1037	0.0243	
12/4/2015 13:38	0.1036	0.0244	
12/4/2015 13:37	0.1035	0.0243	
12/4/2015 13:36	0.1033	0.0243	
12/4/2015 13:35	0.1035	0.0242	
12/4/2015 13:34	0.1035	0.0241	
12/4/2015 13:33	0.1035	0.0241	
12/4/2015 13:32	0.1037	0.024	
12/4/2015 13:31	0.1037	0.0241	
12/4/2015 13:30	0.1037	0.0241	
12/4/2015 13:29	0.1036	0.0242	
12/4/2015 13:28	0.1035	0.0241	
12/4/2015 13:27	0.1035	0.024	
12/4/2015 13:26	0.1036	0.0239	
12/4/2015 13:25	0.1037	0.0239	
12/4/2015 13:24	0.1038	0.0239	
12/4/2015 13:23	0.1036	0.0238	
12/4/2015 13:22	0.1035	0.0239	
12/4/2015 13:21	0.1036	0.0239	
12/4/2015 13:20	0.1035	0.0239	
12/4/2015 13:19	0.1032	0.0239	
12/4/2015 13:18	0.1031	0.0238	
12/4/2015 13:17	0.1028	0.0238	
12/4/2015 13:16	0.1027	0.0237	
12/4/2015 13:15	0.1025	0.0237	
12/4/2015 13:14	0.1025	0.0237	
12/4/2015 13:13	0.1024	0.0238	
12/4/2015 13:12	0.1023	0.0239	
12/4/2015 13:11	0.1022	0.0239	
12/4/2015 13:10	0.1019	0.0239	
12/4/2015 13:09	0.1019	0.0239	
12/4/2015 13:08	0.1019	0.0239	
12/4/2015 13:07	0.1018	0.0239	
12/4/2015 13:06	0.1016	0.0239	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 13:05	0.1017	0.0239	
12/4/2015 13:04	0.1017	0.0239	
12/4/2015 13:03	0.1017	0.024	
12/4/2015 13:02	0.1018	0.024	
12/4/2015 13:01	0.1015	0.0241	
12/4/2015 13:00	0.1014	0.0242	
12/4/2015 12:59	0.1014	0.0242	
12/4/2015 12:58	0.1015	0.0241	
12/4/2015 12:57	0.1014	0.0241	
12/4/2015 12:56	0.1011	0.0241	
12/4/2015 12:55	0.1011	0.0241	
12/4/2015 12:54	0.1011	0.0243	
12/4/2015 12:53	0.1011	0.0243	
12/4/2015 12:52	0.101	0.0243	
12/4/2015 12:51	0.101	0.0243	
12/4/2015 12:50	0.1007	0.0242	
12/4/2015 12:49	0.1005	0.0241	
12/4/2015 12:48	0.1005	0.0241	
12/4/2015 12:47	0.1005	0.0241	
12/4/2015 12:46	0.1006	0.0241	
12/4/2015 12:45	0.1006	0.024	
12/4/2015 12:44	0.1005	0.0241	
12/4/2015 12:43	0.1003	0.0241	
12/4/2015 12:42	0.1004	0.0242	
12/4/2015 12:41	0.1003	0.0243	
12/4/2015 12:40	0.1002	0.0243	
12/4/2015 12:39	0.1001	0.0242	
12/4/2015 12:38	0.1001	0.0242	
12/4/2015 12:37	0.1001	0.0242	
12/4/2015 12:36	0.1002	0.0241	
12/4/2015 12:35	0.1003	0.0242	
12/4/2015 12:34	0.1003	0.0243	
12/4/2015 12:33	0.1003	0.0243	
12/4/2015 12:32	0.1002	0.0244	
12/4/2015 12:31	0.1003	0.0245	
12/4/2015 12:30	0.1002	0.0245	
12/4/2015 12:29	0.1003	0.0244	
12/4/2015 12:28	0.1004	0.0243	
12/4/2015 12:27	0.1003	0.0242	
12/4/2015 12:26	0.1003	0.0241	
12/4/2015 12:25	0.1005	0.0241	
12/4/2015 12:24	0.1003	0.0241	
12/4/2015 12:23	0.1003	0.024	
12/4/2015 12:22	0.1003	0.024	
12/4/2015 12:21	0.1	0.024	
12/4/2015 12:20	0.1	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 12:19	0.0999	0.024	
12/4/2015 12:18	0.0995	0.0239	
12/4/2015 12:17	0.0993	0.0239	
12/4/2015 12:16	0.099	0.0238	
12/4/2015 12:15	0.0991	0.0238	
12/4/2015 12:14	0.0989	0.0238	
12/4/2015 12:13	0.0987	0.0237	
12/4/2015 12:12	0.0985	0.0237	
12/4/2015 12:11	0.0985	0.0237	
12/4/2015 12:10	0.0983	0.0237	
12/4/2015 12:09	0.0981	0.0237	
12/4/2015 12:08	0.0981	0.0239	
12/4/2015 12:07	0.098	0.0239	
12/4/2015 12:06	0.0979	0.0239	
12/4/2015 12:05	0.0979	0.0239	
12/4/2015 12:04	0.0977	0.0239	
12/4/2015 12:03	0.0977	0.0238	
12/4/2015 12:02	0.0978	0.0237	
12/4/2015 12:01	0.0977	0.0237	
12/4/2015 12:00	0.0976	0.0237	
12/4/2015 11:59	0.0977	0.0237	
12/4/2015 11:58	0.0977	0.0237	
12/4/2015 11:57	0.0975	0.0237	
12/4/2015 11:56	0.0973	0.0237	
12/4/2015 11:55	0.0971	0.0238	
12/4/2015 11:54	0.097	0.0238	
12/4/2015 11:53	0.0967	0.0237	
12/4/2015 11:52	0.0965	0.0237	
12/4/2015 11:51	0.0964	0.0237	
12/4/2015 11:50	0.0962	0.0236	
12/4/2015 11:49	0.0962	0.0235	
12/4/2015 11:48	0.0961	0.0235	
12/4/2015 11:47	0.096	0.0234	
12/4/2015 11:46	0.0959	0.0233	
12/4/2015 11:45	0.0957	0.0233	
12/4/2015 11:44	0.0953	0.0232	
12/4/2015 11:43	0.0951	0.0231	
12/4/2015 11:42	0.095	0.0231	
12/4/2015 11:41	0.0949	0.0229	
12/4/2015 11:40	0.0947	0.0228	
12/4/2015 11:39	0.0946	0.0227	
12/4/2015 11:38	0.0944	0.0227	
12/4/2015 11:37	0.0943	0.0227	
12/4/2015 11:36	0.0941	0.0226	
12/4/2015 11:35	0.0939	0.0225	
12/4/2015 11:34	0.0937	0.0225	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 11:33	0.0935	0.0225	
12/4/2015 11:32	0.0932	0.0225	
12/4/2015 11:31	0.093	0.0224	
12/4/2015 11:30	0.0928	0.0223	
12/4/2015 11:29	0.0925	0.0223	
12/4/2015 11:28	0.0924	0.0223	
12/4/2015 11:27	0.0922	0.0223	
12/4/2015 11:26	0.0918	0.0223	
12/4/2015 11:25	0.0917	0.0222	
12/4/2015 11:24	0.0915	0.0221	
12/4/2015 11:23	0.0913	0.022	
12/4/2015 11:22	0.0909	0.0219	
12/4/2015 11:21	0.0907	0.0219	
12/4/2015 11:20	0.0905	0.0219	
12/4/2015 11:19	0.0903	0.0219	
12/4/2015 11:18	0.0899	0.0219	
12/4/2015 11:17	0.0898	0.0219	
12/4/2015 11:16	0.0896	0.0219	
12/4/2015 11:15	0.0894	0.022	
12/4/2015 11:14	0.0891	0.022	
12/4/2015 11:13	0.0889	0.022	
12/4/2015 11:12	0.0887	0.022	
12/4/2015 11:11	0.0886	0.022	
12/4/2015 11:10	0.0883	0.0221	
12/4/2015 11:09	0.0881	0.0222	
12/4/2015 11:08	0.0879	0.0223	
12/4/2015 11:07	0.0878	0.0223	
12/4/2015 11:06	0.0875	0.0224	
12/4/2015 11:05	0.0873	0.0224	
12/4/2015 11:04	0.0871	0.0225	
12/4/2015 11:03	0.087	0.0225	
12/4/2015 11:02	0.0868	0.0225	
12/4/2015 11:01	0.0865	0.0225	
12/4/2015 11:00	0.0862	0.0225	
12/4/2015 10:59	0.086	0.0225	
12/4/2015 10:58	0.0857	0.0225	
12/4/2015 10:57	0.0854	0.0225	
12/4/2015 10:56	0.0851	0.0225	
12/4/2015 10:55	0.0847	0.0225	
12/4/2015 10:54	0.0844	0.0225	
12/4/2015 10:53	0.0841	0.0224	
12/4/2015 10:52	0.0839	0.0223	
12/4/2015 10:51	0.0837	0.0223	
12/4/2015 10:50	0.0833	0.0222	
12/4/2015 10:49	0.0829	0.0221	
12/4/2015 10:48	0.0824	0.0221	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 10:47	0.0819	0.0221	
12/4/2015 10:46	0.0815	0.0221	
12/4/2015 10:45	0.081	0.0221	
12/4/2015 10:44	0.0805	0.0221	
12/4/2015 10:43	0.0803	0.0221	
12/4/2015 10:42	0.0799	0.0221	
12/4/2015 10:41	0.0796	0.0221	
12/4/2015 10:40	0.0794	0.022	
12/4/2015 10:39	0.0791	0.0219	
12/4/2015 10:38	0.0787	0.0219	
12/4/2015 10:37	0.0783	0.0219	
12/4/2015 10:36	0.0781	0.0218	
12/4/2015 10:35	0.0777	0.0217	
12/4/2015 10:34	0.0773	0.0216	
12/4/2015 10:33	0.0771	0.0216	
12/4/2015 10:32	0.0767	0.0215	
12/4/2015 10:31	0.0767	0.0214	
12/4/2015 10:30	0.0764	0.0214	
12/4/2015 10:29	0.0761		
12/4/2015 10:28	0.0757	0.0213	
12/4/2015 10:27	0.0753	0.0212	
12/4/2015 10:26	0.075	0.0211	
12/4/2015 10:25	0.0746	0.0211	
12/4/2015 10:24	0.0742	0.0211	
12/4/2015 10:23	0.0738	0.021	
12/4/2015 10:22	0.0733	0.021	
12/4/2015 10:21	0.0728	0.021	
12/4/2015 10:20	0.0725	0.021	
12/4/2015 10:19	0.0723	0.021	
12/4/2015 10:18	0.0716	0.021	
12/4/2015 10:17	0.0712	0.021	
12/4/2015 10:16	0.0707	0.021	
12/4/2015 10:15	0.0703	0.021	
12/4/2015 10:14	0.0699	0.021	
12/4/2015 10:13	0.0697	0.021	
12/4/2015 10:12	0.0691	0.021	
12/4/2015 10:11	0.0685	0.021	
12/4/2015 10:10	0.068	0.021	
12/4/2015 10:09	0.0675	0.021	
12/4/2015 10:08	0.067	0.021	
12/4/2015 10:07	0.0665	0.021	
12/4/2015 10:06	0.0659	0.021	
12/4/2015 10:05	0.0652	0.021	
12/4/2015 10:04	0.0647	0.021	
12/4/2015 10:03	0.0643	0.021	
12/4/2015 10:02	0.0638	0.021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 10:01	0.0633	0.0209	
12/4/2015 10:00	0.0629	0.0209	
12/4/2015 9:59	0.0623	0.0209	
12/4/2015 9:58	0.0615	0.0208	
12/4/2015 9:57	0.0611	0.0208	
12/4/2015 9:56	0.0605	0.0207	
12/4/2015 9:55	0.0599	0.0207	
12/4/2015 9:54	0.0593	0.0207	
12/4/2015 9:53	0.0587	0.0207	
12/4/2015 9:52	0.0581	0.0206	
12/4/2015 9:51	0.0575	0.0205	
12/4/2015 9:50	0.057	0.0204	
12/4/2015 9:49	0.0561	0.0203	
12/4/2015 9:48	0.0553	0.0203	
12/4/2015 9:47	0.0546	0.0201	
12/4/2015 9:46	0.0537	0.0202	
12/4/2015 9:45	0.0527	0.02	
12/4/2015 9:44	0.0519	0.0199	
12/4/2015 9:43	0.0511	0.0199	
12/4/2015 9:42	0.0503	0.0197	
12/4/2015 9:41	0.0497	0.0196	
12/4/2015 9:40	0.0488	0.0195	
12/4/2015 9:39	0.048	0.0194	
12/4/2015 9:38	0.0471	0.0193	
12/4/2015 9:37	0.0461	0.0193	
12/4/2015 9:36	0.0453	0.0193	
12/4/2015 9:35	0.0444	0.0192	
12/4/2015 9:34	0.0436	0.0191	
12/4/2015 9:33	0.0428	0.019	
12/4/2015 9:32	0.0419	0.0189	
12/4/2015 9:31	0.0411	0.0187	
12/4/2015 9:30	0.0403	0.0188	
12/4/2015 9:29	0.0395	0.0187	
12/4/2015 9:28	0.0386	0.0187	
12/4/2015 9:27	0.0377	0.0187	
12/4/2015 9:26	0.0368	0.0186	
12/4/2015 9:25	0.0359	0.0185	
12/4/2015 9:24	0.035	0.0183	
12/4/2015 9:23	0.0341	0.0181	
12/4/2015 9:22	0.0333	0.018	
12/4/2015 9:21	0.0324	0.0177	
12/4/2015 9:20	0.0316	0.0176	
12/4/2015 9:19	0.0307	0.0174	
12/4/2015 9:18	0.0298	0.0173	
12/4/2015 9:17	0.0288	0.0173	
12/4/2015 9:16	0.0279	0.0172	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 9:15	0.0269	0.0171	
12/4/2015 9:14	0.026	0.0169	
12/4/2015 9:13	0.0251	0.0169	
12/4/2015 9:12	0.0241	0.0168	
12/4/2015 9:11	0.0231	0.0167	
12/4/2015 9:10	0.0221	0.0167	
12/4/2015 9:09	0.0212	0.0167	
12/4/2015 9:08	0.0203	0.0167	
12/4/2015 9:07	0.0195	0.0167	
12/4/2015 9:06	0.0187	0.0168	
12/4/2015 9:05	0.0177	0.0169	
12/4/2015 9:04	0.017	0.0169	
12/4/2015 9:03	0.0163	0.0169	
12/4/2015 9:02	0.0157	0.0169	
12/4/2015 9:01	0.0151	0.0169	
12/4/2015 9:00	0.0144	0.0168	
12/4/2015 8:59	0.0137	0.0167	
12/4/2015 8:58	0.0131	0.0167	
12/4/2015 8:57	0.0125	0.0167	
12/4/2015 8:56	0.012	0.0166	
12/4/2015 8:55	0.0115	0.0165	
12/4/2015 8:54	0.0111	0.0165	
12/4/2015 8:53	0.0105	0.0164	
12/4/2015 8:52	0.0098	0.0163	
12/4/2015 8:51	0.0093	0.0162	
12/4/2015 8:50	0.0087	0.0161	
12/4/2015 8:49	0.0079	0.0161	
12/4/2015 8:48	0.0073	0.016	
12/4/2015 8:47	0.0067	0.0159	
12/4/2015 8:46	0.0061	0.0159	
12/4/2015 8:45	0.0056	0.016	
12/4/2015 8:44	0.0051	0.0161	
12/4/2015 8:43	0.0047	0.0161	
12/4/2015 8:42	0.0043	0.0161	
12/4/2015 8:41	0.0039	0.0161	
12/4/2015 8:40	0.0037	0.0161	
12/4/2015 8:39	0.0033	0.0161	
12/4/2015 8:38	0.0033	0.0161	
12/4/2015 8:37	0.0032	0.0161	
12/4/2015 8:36	0.003	0.0161	
12/4/2015 8:35	0.0031	0.0161	
12/4/2015 8:34	0.0033	0.0161	
12/4/2015 8:33	0.0033	0.0161	
12/4/2015 8:32	0.0033	0.0161	
12/4/2015 8:31	0.0035	0.0161	
12/4/2015 8:30	0.0037	0.0161	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 8:29	0.0041	0.0161	
12/4/2015 8:28	0.0043	0.0159	
12/4/2015 8:27	0.0044	0.0159	
12/4/2015 8:26	0.0046	0.0158	
12/4/2015 8:25	0.0047	0.0158	
12/4/2015 8:24	0.0048	0.0158	
12/4/2015 8:23	0.0048	0.0158	
12/4/2015 8:22	0.0049	0.0159	
12/4/2015 8:21	0.0051	0.0159	
12/4/2015 8:20	0.0053	0.0159	
12/4/2015 8:19	0.0053	0.0158	
12/4/2015 8:18	0.0058	0.0158	
12/4/2015 8:17	0.0063	0.0158	
12/4/2015 8:16	0.0063	0.0157	
12/4/2015 8:15	0.007	0.0155	
12/4/2015 8:14	0.007	0.015	
12/4/2015 8:13			
12/3/2015 14:44	0.1127		
12/3/2015 14:43	0.1132	0.0063	
12/3/2015 14:42	0.1134	0.0062	
12/3/2015 14:41	0.1136	0.0061	
12/3/2015 14:40	0.1135	0.0061	
12/3/2015 14:39	0.1137	0.0061	
12/3/2015 14:38	0.1139	0.0061	
12/3/2015 14:37	0.1137	0.0061	
12/3/2015 14:36	0.1138	0.0061	
12/3/2015 14:35	0.1137	0.0061	
12/3/2015 14:34	0.1137	0.0061	
12/3/2015 14:33	0.1141	0.0061	
12/3/2015 14:32	0.114	0.006	
12/3/2015 14:31	0.1141	0.006	
12/3/2015 14:30	0.1142	0.006	
12/3/2015 14:29	0.1142	0.006	
12/3/2015 14:28	0.1139	0.006	
12/3/2015 14:27	0.1138	0.0059	
12/3/2015 14:26	0.1138	0.0059	
12/3/2015 14:25	0.1137	0.0059	
12/3/2015 14:24	0.1136	0.006	
12/3/2015 14:23	0.1133	0.0062	
12/3/2015 14:22	0.1135	0.0062	
12/3/2015 14:21	0.1136	0.0063	
12/3/2015 14:20	0.1135	0.0063	
12/3/2015 14:19	0.1133	0.0063	
12/3/2015 14:18	0.1131	0.0063	
12/3/2015 14:17	0.1132	0.0063	
12/3/2015 14:16	0.1131	0.0063	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 14:15	0.1129	0.0063	
12/3/2015 14:14	0.1128	0.0063	
12/3/2015 14:13	0.1129	0.0063	
12/3/2015 14:12	0.1125	0.0063	
12/3/2015 14:11	0.1125	0.0062	
12/3/2015 14:10	0.1124	0.0061	
12/3/2015 14:09	0.1125	0.006	
12/3/2015 14:08	0.1125	0.0057	
12/3/2015 14:07	0.1124	0.0057	
12/3/2015 14:06	0.1123	0.0055	
12/3/2015 14:05	0.1123	0.0054	
12/3/2015 14:04	0.1123	0.0053	
12/3/2015 14:03	0.1124	0.0053	
12/3/2015 14:02	0.1123	0.0052	
12/3/2015 14:01	0.1122	0.0051	
12/3/2015 14:00	0.1122	0.005	
12/3/2015 13:59	0.1121	0.0049	
12/3/2015 13:58	0.1121	0.0049	
12/3/2015 13:57	0.1121	0.0049	
12/3/2015 13:56	0.1119	0.0049	
12/3/2015 13:55	0.1119	0.0049	
12/3/2015 13:54	0.1117	0.0049	
12/3/2015 13:53	0.1116	0.0049	
12/3/2015 13:52	0.1117	0.0049	
12/3/2015 13:51	0.1116	0.0049	
12/3/2015 13:50	0.1117	0.0049	
12/3/2015 13:49	0.1115	0.0049	
12/3/2015 13:48	0.1115	0.0049	
12/3/2015 13:47	0.1112	0.0049	
12/3/2015 13:46	0.1111	0.005	
12/3/2015 13:45	0.1113	0.005	
12/3/2015 13:44	0.1113	0.005	
12/3/2015 13:43	0.1113	0.005	
12/3/2015 13:42	0.1113	0.005	
12/3/2015 13:41	0.1113	0.005	
12/3/2015 13:40	0.1111	0.005	
12/3/2015 13:39	0.1112	0.005	
12/3/2015 13:38	0.1111	0.0052	
12/3/2015 13:37	0.1109	0.0052	
12/3/2015 13:36	0.111	0.0052	
12/3/2015 13:35	0.1109	0.0052	
12/3/2015 13:34	0.1111	0.0052	
12/3/2015 13:33	0.111	0.0052	
12/3/2015 13:32	0.1114	0.0052	
12/3/2015 13:31	0.1114	0.0052	
12/3/2015 13:30	0.1114	0.0052	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 13:29	0.1113	0.0052	
12/3/2015 13:28	0.1113	0.0052	
12/3/2015 13:26	0.1118	0.0052	
12/3/2015 13:25	0.1123	0.0052	
12/3/2015 13:24	0.1125	0.0052	
12/3/2015 13:23	0.1128	0.005	
12/3/2015 13:22	0.1132	0.005	
12/3/2015 13:21	0.1132	0.005	
12/3/2015 13:19	0.1133	0.005	
12/3/2015 13:18	0.1133	0.005	
12/3/2015 13:17	0.1133	0.005	
12/3/2015 13:16	0.1133	0.0051	
12/3/2015 13:15	0.1135	0.0052	
12/3/2015 13:12	0.1133	0.0053	
12/3/2015 13:11	0.1131	0.0055	
12/3/2015 13:10	0.1129	0.0056	
12/3/2015 13:09	0.1128	0.0057	
12/3/2015 13:08	0.1125	0.0059	
12/3/2015 13:07	0.1123	0.006	
12/3/2015 13:06	0.1123	0.0061	
12/3/2015 13:05	0.1121	0.0063	
12/3/2015 13:04	0.1118	0.0064	
12/3/2015 13:03	0.1117	0.0065	
12/3/2015 13:02	0.1115	0.0067	
12/3/2015 13:01	0.1115	0.0067	
12/3/2015 13:00	0.1113	0.0068	
12/3/2015 12:59	0.1112	0.0069	
12/3/2015 12:58	0.1113	0.0069	
12/3/2015 12:57	0.1111	0.007	
12/3/2015 12:56	0.1107	0.007	
12/3/2015 12:55	0.1107	0.007	
12/3/2015 12:54	0.1107	0.0069	
12/3/2015 12:53	0.1106	0.0069	
12/3/2015 12:52	0.1105	0.0069	
12/3/2015 12:51	0.1102	0.0069	
12/3/2015 12:50	0.1103	0.0069	
12/3/2015 12:49	0.1104	0.0069	
12/3/2015 12:48	0.1103	0.0069	
12/3/2015 12:47	0.1105	0.0069	
12/3/2015 12:46	0.1103	0.0069	
12/3/2015 12:45	0.1103	0.0069	
12/3/2015 12:44	0.1101	0.0069	
12/3/2015 12:43	0.1098	0.0069	
12/3/2015 12:42	0.1097	0.0069	
12/3/2015 12:41	0.1099	0.0069	
12/3/2015 12:40	0.1097	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 12:39	0.1095	0.0069	
12/3/2015 12:38	0.1095	0.0069	
12/3/2015 12:37	0.1094	0.0069	
12/3/2015 12:36	0.1094	0.0068	
12/3/2015 12:35	0.1093	0.0067	
12/3/2015 12:34	0.1091	0.0067	
12/3/2015 12:33	0.1092	0.0066	
12/3/2015 12:32	0.109	0.0066	
12/3/2015 12:31	0.1089	0.0065	
12/3/2015 12:30	0.1089	0.0065	
12/3/2015 12:29	0.109	0.0065	
12/3/2015 12:28	0.1091	0.0066	
12/3/2015 12:27	0.1093	0.0067	
12/3/2015 12:26	0.1092	0.0067	
12/3/2015 12:25	0.1091	0.0069	
12/3/2015 12:24	0.109	0.0071	
12/3/2015 12:23	0.1093	0.0073	
12/3/2015 12:22	0.1094	0.0074	
12/3/2015 12:21	0.1097	0.0076	
12/3/2015 12:20	0.1098	0.0079	
12/3/2015 12:19	0.1099	0.0081	
12/3/2015 12:18	0.1099	0.0084	
12/3/2015 12:17	0.1099	0.0086	
12/3/2015 12:16	0.11	0.0089	
12/3/2015 12:15	0.1099	0.0091	
12/3/2015 12:14	0.1099	0.0093	
12/3/2015 12:13	0.11	0.0094	
12/3/2015 12:12	0.1099	0.0095	
12/3/2015 12:11	0.1099	0.0097	
12/3/2015 12:10	0.1101	0.0097	
12/3/2015 12:09	0.1101	0.0099	
12/3/2015 12:08	0.1099	0.01	
12/3/2015 12:07	0.1098	0.0101	
12/3/2015 12:06	0.1096	0.0103	
12/3/2015 12:05	0.1094	0.0103	
12/3/2015 12:04	0.1093	0.0103	
12/3/2015 12:03	0.1092	0.0104	
12/3/2015 12:02	0.1091	0.0105	
12/3/2015 12:01	0.1091	0.0105	
12/3/2015 12:00	0.109	0.0105	
12/3/2015 11:59	0.1089	0.0106	
12/3/2015 11:58	0.1086	0.0107	
12/3/2015 11:57	0.1085	0.0107	
12/3/2015 11:56	0.1084	0.0108	
12/3/2015 11:55	0.1082	0.0109	
12/3/2015 11:54	0.1081	0.0109	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 11:53	0.1079	0.0109	
12/3/2015 11:52	0.1076	0.0109	
12/3/2015 11:51	0.1073	0.0109	
12/3/2015 11:50	0.1069	0.0109	
12/3/2015 11:49	0.1067	0.0109	
12/3/2015 11:48	0.1065	0.0109	
12/3/2015 11:47	0.1063	0.0109	
12/3/2015 11:46	0.1062	0.011	
12/3/2015 11:45	0.1059	0.011	
12/3/2015 11:44	0.1057	0.011	
12/3/2015 11:43	0.1055	0.011	
12/3/2015 11:42	0.1053	0.011	
12/3/2015 11:41	0.1054	0.011	
12/3/2015 11:40	0.1053	0.0111	
12/3/2015 11:39	0.1053	0.0111	
12/3/2015 11:38	0.1052	0.0112	
12/3/2015 11:37	0.1052	0.0113	
12/3/2015 11:36	0.1052	0.0113	
12/3/2015 11:35	0.1055	0.0114	
12/3/2015 11:34	0.1055	0.0115	
12/3/2015 11:33	0.1055	0.0115	
12/3/2015 11:32	0.1053	0.0116	
12/3/2015 11:31	0.1052	0.0117	
12/3/2015 11:30	0.1053	0.0117	
12/3/2015 11:29	0.1051	0.0118	
12/3/2015 11:28	0.1051	0.0119	
12/3/2015 11:27	0.1051	0.0119	
12/3/2015 11:26	0.1049	0.0121	
12/3/2015 11:25	0.1046	0.0121	
12/3/2015 11:24	0.1043	0.0121	
12/3/2015 11:23	0.1041	0.0122	
12/3/2015 11:22	0.1039	0.0123	
12/3/2015 11:21	0.1037	0.0123	
12/3/2015 11:20	0.1035	0.0124	
12/3/2015 11:19	0.1033	0.0125	
12/3/2015 11:18	0.1032	0.0127	
12/3/2015 11:17	0.1031	0.0128	
12/3/2015 11:16	0.1031	0.0129	
12/3/2015 11:15	0.1029	0.0131	
12/3/2015 11:14	0.1027	0.0132	
12/3/2015 11:13	0.1025	0.0133	
12/3/2015 11:12	0.1025	0.0135	
12/3/2015 11:11	0.1023	0.0135	
12/3/2015 11:10	0.1023	0.0137	
12/3/2015 11:09	0.1025	0.0138	
12/3/2015 11:08	0.1026	0.0139	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 11:07	0.1027	0.014	
12/3/2015 11:06	0.1029	0.0142	
12/3/2015 11:05	0.1028	0.0145	
12/3/2015 11:04	0.1028	0.0146	
12/3/2015 11:03	0.1026	0.0147	
12/3/2015 11:02	0.1025	0.0149	
12/3/2015 11:01	0.1025	0.0151	
12/3/2015 11:00	0.1024	0.0153	
12/3/2015 10:59	0.1024	0.0154	
12/3/2015 10:58	0.1023	0.0155	
12/3/2015 10:57	0.102	0.0157	
12/3/2015 10:56	0.1019	0.0159	
12/3/2015 10:55	0.1018	0.0161	
12/3/2015 10:54	0.1015	0.0163	
12/3/2015 10:53	0.1014	0.0164	
12/3/2015 10:52	0.1011	0.0165	
12/3/2015 10:51	0.1007	0.0165	
12/3/2015 10:50	0.1003	0.0164	
12/3/2015 10:49	0.0999	0.0164	
12/3/2015 10:48	0.0997	0.0164	
12/3/2015 10:47	0.0994	0.0163	
12/3/2015 10:46	0.0989	0.0163	
12/3/2015 10:45	0.0985	0.0163	
12/3/2015 10:44	0.0981	0.0163	
12/3/2015 10:43	0.0979	0.0163	
12/3/2015 10:42	0.0976	0.0163	
12/3/2015 10:41	0.0972	0.0162	
12/3/2015 10:40	0.097	0.0161	
12/3/2015 10:39	0.0967	0.0161	
12/3/2015 10:38	0.0962	0.0161	
12/3/2015 10:37	0.0958	0.0161	
12/3/2015 10:36	0.0955	0.0161	
12/3/2015 10:35	0.0952	0.0161	
12/3/2015 10:34	0.0948	0.0161	
12/3/2015 10:33	0.0945	0.0162	
12/3/2015 10:32	0.0941	0.0163	
12/3/2015 10:31	0.0937	0.0163	
12/3/2015 10:30	0.0935	0.0164	
12/3/2015 10:29	0.0933	0.0165	
12/3/2015 10:28	0.093	0.0166	
12/3/2015 10:27	0.0927	0.0167	
12/3/2015 10:26	0.0924	0.0168	
12/3/2015 10:25	0.092	0.0169	
12/3/2015 10:24	0.0917	0.0169	
12/3/2015 10:23	0.0912	0.017	
12/3/2015 10:22	0.0909	0.0171	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 10:21	0.0905	0.0172	
12/3/2015 10:20	0.0901	0.0173	
12/3/2015 10:19	0.09	0.0173	
12/3/2015 10:18	0.0897	0.0173	
12/3/2015 10:17	0.0896	0.0173	
12/3/2015 10:16	0.0894	0.0173	
12/3/2015 10:15	0.0893	0.0173	
12/3/2015 10:14	0.0889	0.0173	
12/3/2015 10:13	0.0885	0.0174	
12/3/2015 10:12	0.0883	0.0175	
12/3/2015 10:11	0.0883	0.0176	
12/3/2015 10:10	0.088	0.0178	
12/3/2015 10:09	0.0878	0.018	
12/3/2015 10:08	0.0877	0.0182	
12/3/2015 10:07	0.0874	0.0183	
12/3/2015 10:06	0.0871	0.0185	
12/3/2015 10:05	0.0868	0.0187	
12/3/2015 10:04	0.0863	0.0189	
12/3/2015 10:03	0.0861	0.0191	
12/3/2015 10:02	0.0857	0.0193	
12/3/2015 10:01	0.0853	0.0195	
12/3/2015 10:00	0.0849	0.0197	
12/3/2015 9:59	0.0843	0.0199	
12/3/2015 9:58	0.084	0.02	
12/3/2015 9:57	0.0836	0.0201	
12/3/2015 9:56	0.083	0.0201	
12/3/2015 9:55	0.0825	0.0201	
12/3/2015 9:54	0.0821	0.0201	
12/3/2015 9:53	0.0817	0.0201	
12/3/2015 9:52	0.0812	0.0201	
12/3/2015 9:51	0.0809	0.0201	
12/3/2015 9:50	0.0805	0.0201	
12/3/2015 9:49	0.0799	0.0201	
12/3/2015 9:48	0.0793	0.0201	
12/3/2015 9:47	0.0787	0.0201	
12/3/2015 9:46	0.0783	0.0201	
12/3/2015 9:45	0.0776	0.0201	
12/3/2015 9:44	0.0773	0.0199	
12/3/2015 9:43	0.0767	0.0198	
12/3/2015 9:42	0.076	0.0198	
12/3/2015 9:41	0.0755	0.0198	
12/3/2015 9:40	0.0751	0.0198	
12/3/2015 9:39	0.0745	0.0198	
12/3/2015 9:38	0.0737	0.0198	
12/3/2015 9:37	0.0731	0.0197	
12/3/2015 9:36	0.0726	0.0197	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 9:35	0.0722	0.0197	
12/3/2015 9:34	0.0717	0.0197	
12/3/2015 9:33	0.0711	0.0197	
12/3/2015 9:32	0.0704	0.0197	
12/3/2015 9:31	0.0696	0.0198	
12/3/2015 9:30	0.0691	0.0199	
12/3/2015 9:29	0.0684	0.02	
12/3/2015 9:28	0.0676	0.0201	
12/3/2015 9:27	0.0671	0.0202	
12/3/2015 9:26	0.0664	0.0203	
12/3/2015 9:25	0.0657	0.0203	
12/3/2015 9:24	0.0649	0.0204	
12/3/2015 9:23	0.0643	0.0205	
12/3/2015 9:22	0.0638	0.0207	
12/3/2015 9:21	0.063	0.0207	
12/3/2015 9:20	0.0623	0.0209	
12/3/2015 9:19	0.0616	0.0209	
12/3/2015 9:18	0.0609	0.021	
12/3/2015 9:17	0.0605	0.0211	
12/3/2015 9:16	0.0599	0.0213	
12/3/2015 9:15	0.0591	0.0215	
12/3/2015 9:14	0.0583	0.0215	
12/3/2015 9:13	0.0576	0.0217	
12/3/2015 9:12	0.0569	0.0217	
12/3/2015 9:11	0.0561	0.0218	
12/3/2015 9:10	0.0552	0.0219	
12/3/2015 9:09	0.0545	0.022	
12/3/2015 9:08	0.0538	0.0221	
12/3/2015 9:07	0.0529	0.0221	
12/3/2015 9:06	0.0521	0.0223	
12/3/2015 9:05	0.0511	0.0223	
12/3/2015 9:04	0.0503	0.0225	
12/3/2015 9:03	0.0493	0.0225	
12/3/2015 9:02	0.0483	0.0224	
12/3/2015 9:01	0.0475	0.0223	
12/3/2015 9:00	0.0465	0.0221	
12/3/2015 8:59	0.0457	0.0221	
12/3/2015 8:58	0.0448	0.0219	
12/3/2015 8:57	0.0437	0.0219	
12/3/2015 8:56	0.0427	0.0218	
12/3/2015 8:55	0.0419	0.0217	
12/3/2015 8:54	0.0409	0.0216	
12/3/2015 8:53	0.0398	0.0215	
12/3/2015 8:52	0.0388	0.0213	
12/3/2015 8:51	0.0377	0.0212	
12/3/2015 8:50	0.0368	0.0211	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 8:49	0.0359	0.021	
12/3/2015 8:48	0.035	0.0211	
12/3/2015 8:47	0.034	0.0212	
12/3/2015 8:46	0.033	0.0213	
12/3/2015 8:45	0.0321	0.0213	
12/3/2015 8:44	0.031	0.0213	
12/3/2015 8:43	0.03	0.0214	
12/3/2015 8:42	0.029	0.0215	
12/3/2015 8:41	0.0281	0.0215	
12/3/2015 8:40	0.0269	0.0215	
12/3/2015 8:39	0.0259	0.0215	
12/3/2015 8:38	0.0251	0.0215	
12/3/2015 8:37	0.0242	0.0217	
12/3/2015 8:36	0.0233	0.0217	
12/3/2015 8:35	0.0223	0.0216	
12/3/2015 8:34	0.0213	0.0215	
12/3/2015 8:33	0.0202	0.0215	
12/3/2015 8:32	0.0194	0.0214	
12/3/2015 8:31	0.0186	0.0213	
12/3/2015 8:30	0.0176	0.0212	
12/3/2015 8:29	0.0169	0.0211	
12/3/2015 8:28	0.0161	0.021	
12/3/2015 8:27	0.0152	0.0209	
12/3/2015 8:26	0.0143	0.0207	
12/3/2015 8:25	0.0135	0.0207	
12/3/2015 8:24	0.0127	0.0207	
12/3/2015 8:23	0.0117	0.0206	
12/3/2015 8:22	0.0108	0.0205	
12/3/2015 8:21	0.01	0.0204	
12/3/2015 8:20	0.0093	0.0204	
12/3/2015 8:19	0.0085	0.0204	
12/3/2015 8:18	0.0078	0.0204	
12/3/2015 8:17	0.0069	0.0205	
12/3/2015 8:16	0.0061	0.0205	
12/3/2015 8:15	0.0055	0.0205	
12/3/2015 8:14	0.0048	0.0206	
12/3/2015 8:13	0.0041	0.0207	
12/3/2015 8:12	0.0037	0.0207	
12/3/2015 8:11	0.0032	0.0207	
12/3/2015 8:10	0.0029	0.0207	
12/3/2015 8:09	0.0025	0.0209	
12/3/2015 8:08	0.0023	0.0211	
12/3/2015 8:07	0.0021	0.0213	
12/3/2015 8:06	0.0017	0.0216	
12/3/2015 8:05	0.0016	0.0219	
12/3/2015 8:04	0.0014	0.0221	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 8:03	0.0011	0.0223	
12/3/2015 8:02	0.001	0.0225	
12/3/2015 8:01	0.0009	0.0228	
12/3/2015 8:00	0.0008	0.0231	
12/3/2015 7:59	0.0008	0.0233	
12/3/2015 7:58	0.0008	0.0237	
12/3/2015 7:57	0.0007	0.0239	
12/3/2015 7:56	0.0007	0.0243	
12/3/2015 7:55	0.0007	0.0247	
12/3/2015 7:54	0.0006	0.0249	
12/3/2015 7:53	0.0005	0.0251	
12/3/2015 7:52	0.0005	0.0255	
12/3/2015 7:51	0.0005	0.0257	
12/3/2015 7:50	0.0005	0.0258	
12/3/2015 7:49	0.0005	0.0259	
12/3/2015 7:48	0.0005	0.026	
12/3/2015 7:47	0.0006	0.0261	
12/3/2015 7:46	0.0006	0.0262	
12/3/2015 7:45	0.0007	0.0263	
12/3/2015 7:44	0.0007	0.0264	
12/3/2015 7:43	0.0008	0.0265	
12/3/2015 7:42	0.0009	0.0267	
12/3/2015 7:41	0.001	0.0268	
12/3/2015 7:40	0.0008	0.027	
12/3/2015 7:39	0.001	0.0273	
12/3/2015 7:38	0.001	0.0273	
12/3/2015 7:37	0.0015	0.0275	
12/3/2015 7:36	0.002	0.027	
12/2/2015 10:45	0.0976	0.0153	
12/2/2015 10:44	0.0973	0.0154	
12/2/2015 10:43	0.0969	0.0155	
12/2/2015 10:42	0.0966	0.0155	
12/2/2015 10:41	0.0961	0.0156	
12/2/2015 10:40	0.0959	0.0157	
12/2/2015 10:39	0.0955	0.0157	
12/2/2015 10:38	0.0951	0.0157	
12/2/2015 10:37	0.0947	0.0158	
12/2/2015 10:36	0.0942	0.0159	
12/2/2015 10:35	0.0939	0.016	
12/2/2015 10:34	0.0935	0.0161	
12/2/2015 10:33	0.0932	0.0161	
12/2/2015 10:32	0.093	0.0161	
12/2/2015 10:31	0.0929	0.0161	
12/2/2015 10:30	0.0926	0.0161	
12/2/2015 10:29	0.0922	0.0162	
12/2/2015 10:28	0.0917	0.0163	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 10:27	0.0914	0.0164	
12/2/2015 10:26	0.0909	0.0165	
12/2/2015 10:25	0.0905	0.0165	
12/2/2015 10:24	0.0901	0.0165	
12/2/2015 10:23	0.0898	0.0165	
12/2/2015 10:22	0.0895	0.0166	
12/2/2015 10:21	0.0891	0.0166	
12/2/2015 10:20	0.0888	0.0166	
12/2/2015 10:19	0.0883	0.0167	
12/2/2015 10:18	0.0878	0.0167	
12/2/2015 10:17	0.0873	0.0169	
12/2/2015 10:16	0.0867	0.0169	
12/2/2015 10:15	0.086	0.0169	
12/2/2015 10:14	0.0855	0.017	
12/2/2015 10:13	0.0849	0.0172	
12/2/2015 10:12	0.0843	0.0173	
12/2/2015 10:11	0.0839	0.0175	
12/2/2015 10:10	0.0833	0.0175	
12/2/2015 10:09	0.0827	0.0175	
12/2/2015 10:08	0.0821	0.0175	
12/2/2015 10:07	0.0815	0.0175	
12/2/2015 10:06	0.0809	0.0175	
12/2/2015 10:05	0.0801	0.0175	
12/2/2015 10:04	0.0793	0.0175	
12/2/2015 10:03	0.0787	0.0175	
12/2/2015 10:02	0.0779	0.0174	
12/2/2015 10:01	0.0771	0.0173	
12/2/2015 10:00	0.0765	0.0173	
12/2/2015 9:59	0.0759	0.0171	
12/2/2015 9:58	0.0753	0.0167	
12/2/2015 9:57	0.0746	0.0164	
12/2/2015 9:56	0.0738	0.0161	
12/2/2015 9:55	0.0731	0.0159	
12/2/2015 9:54	0.0725	0.0158	
12/2/2015 9:53	0.0717	0.0156	
12/2/2015 9:52	0.0709	0.0154	
12/2/2015 9:51	0.0701	0.0152	
12/2/2015 9:50	0.0693	0.0149	
12/2/2015 9:49	0.0686	0.0147	
12/2/2015 9:48	0.0678	0.0144	
12/2/2015 9:47	0.0671	0.0143	
12/2/2015 9:46	0.0663	0.0141	
12/2/2015 9:45	0.0657	0.0139	
12/2/2015 9:44	0.0649	0.0139	
12/2/2015 9:43	0.0641	0.0139	
12/2/2015 9:42	0.0632	0.0139	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 9:41	0.0625	0.0139	
12/2/2015 9:40	0.0615	0.014	
12/2/2015 9:39	0.0605	0.0141	
12/2/2015 9:38	0.0597	0.0145	
12/2/2015 9:37	0.0592	0.0149	
12/2/2015 9:36	0.0585	0.0155	
12/2/2015 9:35	0.0579	0.0159	
12/2/2015 9:34	0.0575	0.0163	
12/2/2015 9:33	0.0569	0.0165	
12/2/2015 9:32	0.0561	0.0166	
12/2/2015 9:31	0.0557	0.0169	
12/2/2015 9:30	0.0549	0.017	
12/2/2015 9:29	0.0541	0.0171	
12/2/2015 9:28	0.0533	0.0172	
12/2/2015 9:27	0.0526	0.0173	
12/2/2015 9:26	0.0518	0.0173	
12/2/2015 9:25	0.0513	0.0175	
12/2/2015 9:24	0.0507	0.0175	
12/2/2015 9:23	0.0499	0.0173	
12/2/2015 9:22	0.0491	0.0169	
12/2/2015 9:21	0.0483	0.0165	
12/2/2015 9:20	0.0475	0.0163	
12/2/2015 9:19	0.0465	0.0163	
12/2/2015 9:18	0.0457	0.0163	
12/2/2015 9:17	0.0449	0.0163	
12/2/2015 9:16	0.044	0.0163	
12/2/2015 9:15	0.043	0.0162	
12/2/2015 9:14	0.0421	0.0162	
12/2/2015 9:13	0.0413	0.0162	
12/2/2015 9:12	0.0405	0.0162	
12/2/2015 9:11	0.0397	0.0161	
12/2/2015 9:10	0.0389	0.016	
12/2/2015 9:09	0.0379	0.0159	
12/2/2015 9:08	0.0373	0.0158	
12/2/2015 9:07	0.0365	0.0157	
12/2/2015 9:06	0.0356	0.0155	
12/2/2015 9:05	0.035	0.0153	
12/2/2015 9:04	0.0343	0.0151	
12/2/2015 9:03	0.0335	0.0149	
12/2/2015 9:02	0.0328	0.0148	
12/2/2015 9:01	0.032	0.0147	
12/2/2015 9:00	0.0313	0.0145	
12/2/2015 8:59	0.0307	0.0143	
12/2/2015 8:58	0.0299	0.0141	
12/2/2015 8:57	0.0291	0.0139	
12/2/2015 8:56	0.0283	0.0138	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 8:55	0.0275	0.0137	
12/2/2015 8:54	0.0269	0.0136	
12/2/2015 8:53	0.0259	0.0134	
12/2/2015 8:52	0.0252	0.0133	
12/2/2015 8:51	0.0244	0.0132	
12/2/2015 8:50	0.0233	0.0131	
12/2/2015 8:49	0.0224	0.0131	
12/2/2015 8:48	0.0216	0.013	
12/2/2015 8:47	0.0207	0.013	
12/2/2015 8:46	0.02	0.0129	
12/2/2015 8:45	0.0193	0.0133	
12/2/2015 8:44	0.0186	0.0136	
12/2/2015 8:43	0.018	0.0139	
12/2/2015 8:42	0.0173	0.014	
12/2/2015 8:41	0.0167	0.0142	
12/2/2015 8:40	0.016	0.0144	
12/2/2015 8:39	0.0152	0.0146	
12/2/2015 8:38	0.0145	0.0149	
12/2/2015 8:37	0.0138	0.0152	
12/2/2015 8:36	0.0131	0.0155	
12/2/2015 8:35	0.0125	0.0157	
12/2/2015 8:34	0.0118	0.0158	
12/2/2015 8:33	0.0111	0.0159	
12/2/2015 8:32	0.0103	0.0161	
12/2/2015 8:31	0.0096	0.0162	
12/2/2015 8:30	0.0089	0.016	
12/2/2015 8:29	0.0083	0.0158	
12/2/2015 8:28	0.0075	0.0157	
12/2/2015 8:27	0.0068	0.0157	
12/2/2015 8:26	0.0063	0.0157	
12/2/2015 8:25	0.0055	0.0156	
12/2/2015 8:24	0.0049	0.0155	
12/2/2015 8:23	0.0045	0.0154	
12/2/2015 8:22	0.0039	0.0153	
12/2/2015 8:21	0.0035	0.0151	
12/2/2015 8:20	0.0031	0.0149	
12/2/2015 8:19	0.0027	0.0148	
12/2/2015 8:18	0.0023	0.0146	
12/2/2015 8:17	0.0021	0.0143	
12/2/2015 8:16	0.0017	0.0141	
12/2/2015 8:15	0.0014	0.014	
12/2/2015 8:14	0.0011	0.0138	
12/2/2015 8:13	0.0009	0.0137	
12/2/2015 8:12	0.0007	0.0134	
12/2/2015 8:11	0.0005	0.0132	
12/2/2015 8:10	0.0004	0.0128	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 8:09	0.0003	0.0124	
12/2/2015 8:08	0.0002	0.0121	
12/2/2015 8:07	0.0001	0.0117	
12/2/2015 8:06	0	0.0116	
12/2/2015 8:05	0	0.0115	
12/2/2015 8:04	0	0.0112	
12/2/2015 8:03	0	0.0112	
12/2/2015 8:02	0	0.0111	
12/2/2015 8:01	0	0.011	
12/2/2015 8:00	0	0.0107	
12/2/2015 7:59	0	0.0106	
12/2/2015 7:58	0	0.0102	
12/2/2015 7:57	0	0.0098	
12/2/2015 7:56	0	0.0092	
12/2/2015 7:55	0	0.0093	
12/2/2015 7:54	0	0.0095	
12/2/2015 7:53	0	0.009	
12/1/2015 15:56	0.1407	0.003	
12/1/2015 15:55	0.1406	0.003	
12/1/2015 15:54	0.1406	0.003	
12/1/2015 15:53	0.1405	0.003	
12/1/2015 15:52	0.1405	0.0031	
12/1/2015 15:51	0.1405	0.0031	
12/1/2015 15:50	0.1404	0.0031	
12/1/2015 15:49	0.1403	0.0032	
12/1/2015 15:48	0.1403	0.0032	
12/1/2015 15:47	0.1401	0.0032	
12/1/2015 15:46	0.1401	0.0032	
12/1/2015 15:45	0.1401	0.0032	
12/1/2015 15:44	0.1401	0.0032	
12/1/2015 15:43	0.1401	0.0032	
12/1/2015 15:42	0.14	0.0032	
12/1/2015 15:41	0.1397	0.0032	
12/1/2015 15:40	0.1393	0.0032	
12/1/2015 15:39	0.1391	0.0032	
12/1/2015 15:38	0.139	0.0032	
12/1/2015 15:37	0.1388	0.0031	
12/1/2015 15:36	0.1387	0.0031	
12/1/2015 15:35	0.1387	0.0031	
12/1/2015 15:34	0.1387	0.003	
12/1/2015 15:33	0.1385	0.003	
12/1/2015 15:32	0.1384	0.003	
12/1/2015 15:31	0.1381	0.003	
12/1/2015 15:30	0.138	0.003	
12/1/2015 15:29	0.1379	0.003	
12/1/2015 15:28	0.1379	0.003	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 15:27	0.1377	0.003	
12/1/2015 15:26	0.1378	0.003	
12/1/2015 15:25	0.1379	0.003	
12/1/2015 15:24	0.1377	0.003	
12/1/2015 15:23	0.1375	0.003	
12/1/2015 15:22	0.1374	0.003	
12/1/2015 15:21	0.1372	0.003	
12/1/2015 15:20	0.137	0.0029	
12/1/2015 15:19	0.1366	0.0029	
12/1/2015 15:18	0.1365	0.0029	
12/1/2015 15:17	0.1367	0.0029	
12/1/2015 15:16	0.1369	0.0029	
12/1/2015 15:15	0.1367	0.0029	
12/1/2015 15:14	0.1367	0.0029	
12/1/2015 15:13	0.1366	0.0029	
12/1/2015 15:12	0.1367	0.0028	
12/1/2015 15:11	0.1364	0.0028	
12/1/2015 15:10	0.1363	0.0028	
12/1/2015 15:09	0.1364	0.0028	
12/1/2015 15:08	0.1365	0.0027	
12/1/2015 15:07	0.1365	0.0027	
12/1/2015 15:06	0.1365	0.0026	
12/1/2015 15:05	0.1365	0.0026	
12/1/2015 15:04	0.1366	0.0025	
12/1/2015 15:03	0.1366	0.0025	
12/1/2015 15:02	0.1362	0.0024	
12/1/2015 15:01	0.1358	0.0023	
12/1/2015 15:00	0.1355	0.0023	
12/1/2015 14:59	0.1353	0.0022	
12/1/2015 14:58	0.1351	0.0022	
12/1/2015 14:57	0.1351	0.0022	
12/1/2015 14:56	0.1351	0.0021	
12/1/2015 14:55	0.1349	0.0021	
12/1/2015 14:54	0.1346	0.002	
12/1/2015 14:53	0.1343	0.002	
12/1/2015 14:52	0.1341	0.0021	
12/1/2015 14:51	0.134	0.0021	
12/1/2015 14:50	0.1339	0.0022	
12/1/2015 14:49	0.1338	0.0022	
12/1/2015 14:48	0.1335	0.0022	
12/1/2015 14:47	0.1335	0.0022	
12/1/2015 14:46	0.1334	0.0023	
12/1/2015 14:45	0.1333	0.0024	
12/1/2015 14:44	0.1331	0.0025	
12/1/2015 14:43	0.1329	0.0025	
12/1/2015 14:42	0.1327	0.0026	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 14:41	0.1323	0.0027	
12/1/2015 14:40	0.1321	0.0027	
12/1/2015 14:39	0.132	0.0027	
12/1/2015 14:38	0.1318	0.0028	
12/1/2015 14:37	0.1315	0.0027	
12/1/2015 14:36	0.1312	0.0027	
12/1/2015 14:35	0.1308	0.0028	
12/1/2015 14:34	0.1304	0.0029	
12/1/2015 14:33	0.1302	0.0031	
12/1/2015 14:32	0.1301	0.0031	
12/1/2015 14:31	0.1302	0.0031	
12/1/2015 14:30	0.1301	0.0031	
12/1/2015 14:29	0.1302	0.0032	
12/1/2015 14:28	0.1302	0.0033	
12/1/2015 14:27	0.1299	0.0033	
12/1/2015 14:26	0.1299	0.0033	
12/1/2015 14:25	0.1297	0.0035	
12/1/2015 14:24	0.1295	0.0036	
12/1/2015 14:23	0.1295	0.0037	
12/1/2015 14:22	0.1293	0.0037	
12/1/2015 14:21	0.1291	0.0036	
12/1/2015 14:20	0.1291	0.0035	
12/1/2015 14:19	0.129	0.0033	
12/1/2015 14:18	0.1289	0.0032	
12/1/2015 14:17	0.1286	0.0031	
12/1/2015 14:16	0.1282	0.0031	
12/1/2015 14:15	0.128	0.003	
12/1/2015 14:14	0.1276	0.0029	
12/1/2015 14:13	0.1271	0.0028	
12/1/2015 14:12	0.1267	0.0028	
12/1/2015 14:11	0.1263	0.0027	
12/1/2015 14:10	0.1261	0.0027	
12/1/2015 14:09	0.1259	0.0025	
12/1/2015 14:08	0.1257	0.0025	
12/1/2015 14:07	0.1255	0.0025	
12/1/2015 14:06	0.1255	0.0025	
12/1/2015 14:05	0.1253	0.0025	
12/1/2015 14:04	0.1252	0.0025	
12/1/2015 14:03	0.1251	0.0025	
12/1/2015 14:02	0.1249	0.0025	
12/1/2015 14:01	0.1247	0.0026	
12/1/2015 14:00	0.1246	0.0026	
12/1/2015 13:59	0.1245	0.0026	
12/1/2015 13:58	0.1244	0.0027	
12/1/2015 13:57	0.1245	0.0027	
12/1/2015 13:56	0.1245	0.0027	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 13:55	0.1246	0.0027	
12/1/2015 13:54	0.1247	0.0027	
12/1/2015 13:53	0.1246	0.0027	
12/1/2015 13:52	0.1245	0.0028	
12/1/2015 13:51	0.1243	0.0028	
12/1/2015 13:50	0.1243	0.0029	
12/1/2015 13:49	0.1241	0.003	
12/1/2015 13:48	0.1241	0.0031	
12/1/2015 13:47	0.124	0.0031	
12/1/2015 13:46	0.1238	0.0031	
12/1/2015 13:45	0.1237	0.0031	
12/1/2015 13:44	0.1235	0.0031	
12/1/2015 13:43	0.1235	0.0031	
12/1/2015 13:42	0.1233	0.0031	
12/1/2015 13:41	0.1229	0.0032	
12/1/2015 13:40	0.1227	0.0033	
12/1/2015 13:39	0.1225	0.0033	
12/1/2015 13:38	0.1223	0.0034	
12/1/2015 13:37	0.1222	0.0034	
12/1/2015 13:36	0.122	0.0034	
12/1/2015 13:35	0.1218	0.0035	
12/1/2015 13:34	0.1217	0.0035	
12/1/2015 13:33	0.1215	0.0036	
12/1/2015 13:32	0.1213	0.0037	
12/1/2015 13:31	0.1213	0.0037	
12/1/2015 13:30	0.1209	0.0038	
12/1/2015 13:29	0.1209	0.0039	
12/1/2015 13:28	0.1208	0.0039	
12/1/2015 13:27	0.1208	0.004	
12/1/2015 13:26	0.1209	0.004	
12/1/2015 13:25	0.1209	0.004	
12/1/2015 13:24	0.1207	0.004	
12/1/2015 13:23	0.1208	0.004	
12/1/2015 13:22	0.1205	0.004	
12/1/2015 13:21	0.1206	0.0041	
12/1/2015 13:20	0.1206	0.0041	
12/1/2015 13:19	0.1207	0.004	
12/1/2015 13:18	0.1206	0.004	
12/1/2015 13:17	0.1204	0.004	
12/1/2015 13:16	0.1203	0.004	
12/1/2015 13:15	0.1203	0.004	
12/1/2015 13:14	0.1201	0.004	
12/1/2015 13:13	0.1202	0.004	
12/1/2015 13:12	0.1201	0.004	
12/1/2015 13:11	0.1201	0.004	
12/1/2015 13:10	0.1201	0.004	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 13:09	0.1201	0.0041	
12/1/2015 13:08	0.1203	0.0041	
12/1/2015 13:07	0.1203	0.0041	
12/1/2015 13:06	0.1202	0.0041	
12/1/2015 13:05	0.1201	0.0041	
12/1/2015 13:04	0.1199	0.0041	
12/1/2015 13:03	0.1199	0.0042	
12/1/2015 13:02	0.1201	0.0042	
12/1/2015 13:01	0.1201	0.0043	
12/1/2015 13:00	0.1199	0.0043	
12/1/2015 12:59	0.1199	0.0043	
12/1/2015 12:58	0.1197	0.0044	
12/1/2015 12:57	0.1197	0.0045	
12/1/2015 12:56	0.1193	0.0045	
12/1/2015 12:55	0.1191	0.0046	
12/1/2015 12:54	0.1189	0.0046	
12/1/2015 12:53	0.1186	0.0046	
12/1/2015 12:52	0.1185	0.0046	
12/1/2015 12:51	0.1183	0.0047	
12/1/2015 12:50	0.1181	0.0047	
12/1/2015 12:49	0.118	0.0047	
12/1/2015 12:48	0.1177	0.0047	
12/1/2015 12:47	0.1175	0.0048	
12/1/2015 12:46	0.1174	0.0048	
12/1/2015 12:45	0.1174	0.0048	
12/1/2015 12:44	0.1173	0.0049	
12/1/2015 12:43	0.1173	0.0049	
12/1/2015 12:42	0.1171	0.0049	
12/1/2015 12:41	0.1172	0.0049	
12/1/2015 12:40	0.117	0.0049	
12/1/2015 12:39	0.117	0.0049	
12/1/2015 12:38	0.1169	0.0049	
12/1/2015 12:37	0.1169	0.005	
12/1/2015 12:36	0.1167	0.005	
12/1/2015 12:35	0.1166	0.0051	
12/1/2015 12:34	0.1164	0.0051	
12/1/2015 12:33	0.1165	0.0051	
12/1/2015 12:32	0.1164	0.0051	
12/1/2015 12:31	0.1165	0.0051	
12/1/2015 12:30	0.1164	0.0051	
12/1/2015 12:29	0.1163	0.0051	
12/1/2015 12:28	0.1161	0.0051	
12/1/2015 12:27	0.116	0.0051	
12/1/2015 12:26	0.1159	0.0051	
12/1/2015 12:25	0.1158	0.0051	
12/1/2015 12:24	0.1155	0.0051	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 12:23	0.1155	0.0051	
12/1/2015 12:22	0.1153	0.0051	
12/1/2015 12:21	0.1153	0.0051	
12/1/2015 12:20	0.1151	0.0051	
12/1/2015 12:19	0.1152	0.0051	
12/1/2015 12:18	0.1149	0.0051	
12/1/2015 12:17	0.1147	0.0051	
12/1/2015 12:16	0.1144	0.0052	
12/1/2015 12:15	0.1141	0.0052	
12/1/2015 12:14	0.1138	0.0053	
12/1/2015 12:13	0.1137	0.0053	
12/1/2015 12:12	0.1135	0.0053	
12/1/2015 12:11	0.1135	0.0053	
12/1/2015 12:10	0.1133	0.0053	
12/1/2015 12:09	0.1131	0.0054	
12/1/2015 12:08	0.1127	0.0055	
12/1/2015 12:07	0.1127	0.0055	
12/1/2015 12:06	0.1125	0.0057	
12/1/2015 12:05	0.1123	0.0057	
12/1/2015 12:04	0.112	0.0058	
12/1/2015 12:03	0.112	0.0059	
12/1/2015 12:02	0.1119	0.0059	
12/1/2015 12:01	0.1119	0.0059	
12/1/2015 12:00	0.1118	0.0059	
12/1/2015 11:59	0.1119	0.006	
12/1/2015 11:58	0.1117	0.0061	
12/1/2015 11:57	0.1117	0.0061	
12/1/2015 11:56	0.1115	0.0062	
12/1/2015 11:55	0.1114	0.0062	
12/1/2015 11:54	0.1113	0.0063	
12/1/2015 11:53	0.1113	0.0063	
12/1/2015 11:52	0.1111	0.0063	
12/1/2015 11:51	0.111	0.0063	
12/1/2015 11:50	0.1111	0.0063	
12/1/2015 11:49	0.111	0.0063	
12/1/2015 11:48	0.1109	0.0063	
12/1/2015 11:47	0.1107	0.0063	
12/1/2015 11:46	0.1106	0.0063	
12/1/2015 11:45	0.1111	0.0069	
12/1/2015 11:44	0.1109	0.0069	
12/1/2015 11:43	0.1109	0.007	
12/1/2015 11:42	0.1107	0.0071	
12/1/2015 11:41	0.1105	0.0072	
12/1/2015 11:40	0.1103	0.0072	
12/1/2015 11:39	0.1101	0.0071	
12/1/2015 11:38	0.1099	0.0072	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 11:37	0.1099	0.0072	
12/1/2015 11:36	0.1097	0.0072	
12/1/2015 11:35	0.1094	0.0072	
12/1/2015 11:34	0.1093	0.0073	
12/1/2015 11:33	0.1091	0.0073	
12/1/2015 11:32	0.109	0.0074	
12/1/2015 11:31	0.1089	0.0074	
12/1/2015 11:30	0.1083	0.0069	
12/1/2015 11:29	0.1081	0.0069	
12/1/2015 11:28	0.1079	0.0068	
12/1/2015 11:27	0.1079	0.0066	
12/1/2015 11:26	0.1077	0.0065	
12/1/2015 11:25	0.1077	0.0064	
12/1/2015 11:24	0.1075	0.0063	
12/1/2015 11:23	0.1074	0.0061	
12/1/2015 11:22	0.1071	0.006	
12/1/2015 11:21	0.1071	0.006	
12/1/2015 11:20	0.1069	0.0059	
12/1/2015 11:19	0.1067	0.0059	
12/1/2015 11:18	0.1066	0.0057	
12/1/2015 11:17	0.1065	0.0057	
12/1/2015 11:16	0.1063	0.0056	
12/1/2015 11:15	0.106	0.0055	
12/1/2015 11:14	0.1057	0.0055	
12/1/2015 11:13	0.1055	0.0055	
12/1/2015 11:12	0.1053	0.0055	
12/1/2015 11:11	0.1053	0.0057	
12/1/2015 11:10	0.1051	0.0057	
12/1/2015 11:09	0.1049	0.0058	
12/1/2015 11:08	0.1047	0.0059	
12/1/2015 11:07	0.1045	0.0059	
12/1/2015 11:06	0.1042	0.006	
12/1/2015 11:05	0.1041	0.0061	
12/1/2015 11:04	0.1041	0.0062	
12/1/2015 11:03	0.1039	0.0063	
12/1/2015 11:02	0.1038	0.0063	
12/1/2015 11:01	0.1037	0.0064	
12/1/2015 11:00	0.1036	0.0065	
12/1/2015 10:59	0.1038	0.0065	
12/1/2015 10:58	0.1036	0.0066	
12/1/2015 10:57	0.1035	0.0067	
12/1/2015 10:56	0.1031	0.0067	
12/1/2015 10:55	0.1031	0.0068	
12/1/2015 10:54	0.103	0.0069	
12/1/2015 10:53	0.1029	0.007	
12/1/2015 10:52	0.1029	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 10:51	0.1029	0.0071	
12/1/2015 10:50	0.1028	0.0071	
12/1/2015 10:49	0.1027	0.0072	
12/1/2015 10:48	0.1023	0.0073	
12/1/2015 10:47	0.1022	0.0073	
12/1/2015 10:46	0.1019	0.0073	
12/1/2015 10:45	0.1016	0.0074	
12/1/2015 10:44	0.1013	0.0075	
12/1/2015 10:43	0.1012	0.0075	
12/1/2015 10:42	0.1011	0.0075	
12/1/2015 10:41	0.1011	0.0076	
12/1/2015 10:40	0.1009	0.0076	
12/1/2015 10:39	0.1008	0.0075	
12/1/2015 10:38	0.1007	0.0076	
12/1/2015 10:37	0.1007	0.0077	
12/1/2015 10:36	0.1006	0.0077	
12/1/2015 10:35	0.1005	0.0077	
12/1/2015 10:34	0.1003	0.0076	
12/1/2015 10:33	0.1003	0.0075	
12/1/2015 10:32	0.1001	0.0076	
12/1/2015 10:31	0.1001	0.0076	
12/1/2015 10:30	0.1002	0.0075	
12/1/2015 10:29	0.1002	0.0075	
12/1/2015 10:28	0.1003	0.0075	
12/1/2015 10:27	0.1004	0.0076	
12/1/2015 10:26	0.1005	0.0077	
12/1/2015 10:25	0.1006	0.0077	
12/1/2015 10:24	0.1007	0.0078	
12/1/2015 10:23	0.1008	0.0079	
12/1/2015 10:22	0.1009	0.0079	
12/1/2015 10:21	0.1009	0.0079	
12/1/2015 10:20	0.1011	0.008	
12/1/2015 10:19	0.1012	0.0081	
12/1/2015 10:18	0.1013	0.0082	
12/1/2015 10:17	0.1013	0.0082	
12/1/2015 10:16	0.1015	0.0083	
12/1/2015 10:15	0.1015	0.0083	
12/1/2015 10:14	0.1016	0.0083	
12/1/2015 10:13	0.1015	0.0083	
12/1/2015 10:12	0.1014	0.0082	
12/1/2015 10:11	0.1013	0.0081	
12/1/2015 10:10	0.1012	0.008	
12/1/2015 10:09	0.1011	0.0079	
12/1/2015 10:08	0.1009	0.0079	
12/1/2015 10:07	0.1009	0.0079	
12/1/2015 10:06	0.1006	0.0079	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 10:05	0.1003	0.0078	
12/1/2015 10:04	0.1002	0.0078	
12/1/2015 10:03	0.1	0.0077	
12/1/2015 10:02	0.0999	0.0077	
12/1/2015 10:01	0.0996	0.0078	
12/1/2015 10:00	0.0993	0.0078	
12/1/2015 9:59	0.0989	0.0078	
12/1/2015 9:58	0.0987	0.0079	
12/1/2015 9:57	0.0983	0.0081	
12/1/2015 9:56	0.0981	0.0082	
12/1/2015 9:55	0.0977	0.0083	
12/1/2015 9:54	0.0973	0.0084	
12/1/2015 9:53	0.0971	0.0085	
12/1/2015 9:52	0.0967	0.0085	
12/1/2015 9:51	0.0965	0.0086	
12/1/2015 9:50	0.0962	0.0087	
12/1/2015 9:49	0.0956	0.0087	
12/1/2015 9:48	0.0952	0.0088	
12/1/2015 9:47	0.0948	0.0089	
12/1/2015 9:46	0.0944	0.0089	
12/1/2015 9:45	0.094	0.0089	
12/1/2015 9:44	0.0936	0.009	
12/1/2015 9:43	0.0933	0.009	
12/1/2015 9:42	0.0929	0.009	
12/1/2015 9:41	0.0925	0.009	
12/1/2015 9:40	0.0922	0.009	
12/1/2015 9:39	0.0919	0.009	
12/1/2015 9:38	0.0915	0.0089	
12/1/2015 9:37	0.0911	0.0089	
12/1/2015 9:36	0.0905	0.0088	
12/1/2015 9:35	0.0903	0.0087	
12/1/2015 9:34	0.0899	0.0087	
12/1/2015 9:33	0.0895	0.0087	
12/1/2015 9:32	0.0891	0.0087	
12/1/2015 9:31	0.0887	0.0087	
12/1/2015 9:30	0.0884	0.0087	
12/1/2015 9:29	0.0881	0.0087	
12/1/2015 9:28	0.0877	0.0087	
12/1/2015 9:27	0.0871	0.0087	
12/1/2015 9:26	0.0869	0.0088	
12/1/2015 9:25	0.0865	0.0088	
12/1/2015 9:24	0.0861	0.0089	
12/1/2015 9:23	0.0858	0.009	
12/1/2015 9:22	0.0855	0.0091	
12/1/2015 9:21	0.0851	0.0093	
12/1/2015 9:20	0.0845	0.0094	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 9:19	0.0843	0.0095	
12/1/2015 9:18	0.0839	0.0097	
12/1/2015 9:17	0.0835	0.0099	
12/1/2015 9:16	0.0829	0.0101	
12/1/2015 9:15	0.0825	0.0102	
12/1/2015 9:14	0.082	0.0105	
12/1/2015 9:13	0.0815	0.0107	
12/1/2015 9:12	0.0813	0.0108	
12/1/2015 9:11	0.0807	0.0109	
12/1/2015 9:10	0.0804	0.0111	
12/1/2015 9:09	0.0799	0.0113	
12/1/2015 9:08	0.0793	0.0114	
12/1/2015 9:07	0.0787	0.0115	
12/1/2015 9:06	0.0781	0.0117	
12/1/2015 9:05	0.0775	0.0118	
12/1/2015 9:04	0.0768	0.0119	
12/1/2015 9:03	0.0761	0.0119	
12/1/2015 9:02	0.0753	0.012	
12/1/2015 9:01	0.0746	0.012	
12/1/2015 9:00	0.0739	0.0121	
12/1/2015 8:59	0.0731	0.012	
12/1/2015 8:58	0.0723	0.012	
12/1/2015 8:57	0.0714	0.012	
12/1/2015 8:56	0.0705	0.012	
12/1/2015 8:55	0.0696	0.012	
12/1/2015 8:54	0.0686	0.012	
12/1/2015 8:53	0.0678	0.012	
12/1/2015 8:52	0.0669	0.0121	
12/1/2015 8:51	0.0659	0.0121	
12/1/2015 8:50	0.0651	0.0122	
12/1/2015 8:49	0.0644	0.0122	
12/1/2015 8:48	0.0637	0.0122	
12/1/2015 8:47	0.0631	0.0123	
12/1/2015 8:46	0.0624	0.0123	
12/1/2015 8:45	0.0617	0.0123	
12/1/2015 8:44	0.0611	0.0123	
12/1/2015 8:43	0.0605	0.0124	
12/1/2015 8:42	0.0598	0.0125	
12/1/2015 8:41	0.0591	0.0125	
12/1/2015 8:40	0.0582	0.0129	
12/1/2015 8:39	0.0576	0.013	
12/1/2015 8:38	0.0566	0.0131	
12/1/2015 8:37	0.0559	0.0131	
12/1/2015 8:36	0.0551	0.0131	
12/1/2015 8:35	0.0541	0.0131	
12/1/2015 8:34	0.0533	0.0131	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 8:33	0.0524	0.0132	
12/1/2015 8:32	0.0513	0.0132	
12/1/2015 8:31	0.0501	0.0133	
12/1/2015 8:30	0.0489	0.0133	
12/1/2015 8:29	0.0477	0.0133	
12/1/2015 8:28	0.0465	0.0133	
12/1/2015 8:27	0.0453	0.0133	
12/1/2015 8:26	0.0439	0.0133	
12/1/2015 8:25	0.0428	0.0129	
12/1/2015 8:24	0.0414	0.0129	
12/1/2015 8:23	0.0403	0.0129	
12/1/2015 8:22	0.0391	0.0129	
12/1/2015 8:21	0.0377	0.0129	
12/1/2015 8:20	0.0365	0.0129	
12/1/2015 8:19	0.0351	0.0129	
12/1/2015 8:18	0.0338	0.0129	
12/1/2015 8:17	0.0325	0.0129	
12/1/2015 8:16	0.0315	0.0128	
12/1/2015 8:15	0.0304	0.0128	
12/1/2015 8:14	0.0293	0.0129	
12/1/2015 8:13	0.0281	0.0129	
12/1/2015 8:12	0.0269	0.013	
12/1/2015 8:11	0.0259	0.0131	
12/1/2015 8:10	0.025	0.0132	
12/1/2015 8:09	0.0239	0.0133	
12/1/2015 8:08	0.0228	0.0133	
12/1/2015 8:07	0.0216	0.0134	
12/1/2015 8:06	0.0207	0.0135	
12/1/2015 8:05	0.0196	0.0136	
12/1/2015 8:04	0.0183	0.0137	
12/1/2015 8:03	0.0172	0.0138	
12/1/2015 8:02	0.0163	0.0139	
12/1/2015 8:01	0.0152	0.014	
12/1/2015 8:00	0.0141	0.0141	
12/1/2015 7:59	0.0131	0.0141	
12/1/2015 7:58	0.0121	0.0141	
12/1/2015 7:57	0.0112	0.0141	
12/1/2015 7:56	0.0101	0.0141	
12/1/2015 7:55	0.009	0.0141	
12/1/2015 7:54	0.0085	0.0141	
12/1/2015 7:53	0.0076	0.0141	
12/1/2015 7:52	0.0066	0.0141	
12/1/2015 7:51	0.0057	0.0141	
12/1/2015 7:50	0.0049	0.014	
12/1/2015 7:49	0.0042	0.014	
12/1/2015 7:48	0.0036	0.0139	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 7:47	0.0032	0.0138	
12/1/2015 7:46	0.0028	0.0138	
12/1/2015 7:45	0.0024	0.0137	
12/1/2015 7:44	0.0019	0.0137	
12/1/2015 7:43	0.0014	0.0137	
12/1/2015 7:42	0.0009	0.0136	
12/1/2015 7:41	0.0004	0.0136	
12/1/2015 7:40			
12/1/2015 7:39	0.0002	0.0135	
12/1/2015 7:38	0	0.0134	
12/1/2015 7:37	0	0.0135	
12/1/2015 7:36	0	0.0133	
12/1/2015 7:35	0	0.0135	
12/1/2015 7:34	0	0.013	
12/1/2015 7:33			
11/30/2015 17:09	0.0779	0.0109	
11/30/2015 17:08	0.0776	0.0108	
11/30/2015 17:07	0.0772	0.0108	
11/30/2015 17:06	0.0769	0.0108	
11/30/2015 17:05	0.0766	0.0107	
11/30/2015 17:04	0.0763	0.0107	
11/30/2015 17:03	0.0761	0.0106	
11/30/2015 17:02	0.0759	0.0106	
11/30/2015 17:01	0.0757	0.0106	
11/30/2015 17:00	0.0756	0.0105	
11/30/2015 16:59	0.0753	0.0105	
11/30/2015 16:58	0.075	0.0104	
11/30/2015 16:57	0.0747	0.0103	
11/30/2015 16:56	0.0743	0.0103	
11/30/2015 16:55	0.0743	0.0103	
11/30/2015 16:54	0.0741	0.0103	
11/30/2015 16:53	0.0741	0.0104	
11/30/2015 16:52	0.0742	0.0104	
11/30/2015 16:51	0.0743	0.0103	
11/30/2015 16:50	0.0741	0.0103	
11/30/2015 16:49	0.0739	0.0103	
11/30/2015 16:48	0.0737	0.0103	
11/30/2015 16:47	0.0735	0.0104	
11/30/2015 16:46	0.0734	0.0104	
11/30/2015 16:45	0.0731	0.0104	
11/30/2015 16:44	0.0728	0.0104	
11/30/2015 16:43	0.0725	0.0104	
11/30/2015 16:42	0.0721	0.0104	
11/30/2015 16:41	0.072	0.0103	
11/30/2015 16:40	0.0717	0.0103	
11/30/2015 16:39	0.0712	0.0101	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 16:38	0.0707	0.01	
11/30/2015 16:37	0.0703	0.0099	
11/30/2015 16:36	0.0699	0.0099	
11/30/2015 16:35	0.0695	0.0098	
11/30/2015 16:34	0.0693	0.0098	
11/30/2015 16:33	0.069	0.0098	
11/30/2015 16:32	0.0687	0.0097	
11/30/2015 16:31	0.0684	0.0097	
11/30/2015 16:30	0.0681	0.0096	
11/30/2015 16:29	0.0679	0.0095	
11/30/2015 16:28	0.0676	0.0095	
11/30/2015 16:27	0.0675	0.0094	
11/30/2015 16:26	0.0671	0.0093	
11/30/2015 16:25	0.0667	0.0093	
11/30/2015 16:24	0.0666	0.0093	
11/30/2015 16:23	0.0663	0.0093	
11/30/2015 16:22	0.066	0.0092	
11/30/2015 16:21	0.0655	0.0092	
11/30/2015 16:20	0.0653	0.0091	
11/30/2015 16:19	0.065	0.0091	
11/30/2015 16:18	0.0647	0.0089	
11/30/2015 16:17	0.0644	0.0088	
11/30/2015 16:16	0.0639	0.0087	
11/30/2015 16:15	0.0637	0.0087	
11/30/2015 16:14	0.0633	0.0086	
11/30/2015 16:13	0.0631	0.0086	
11/30/2015 16:12	0.0627	0.0085	
11/30/2015 16:11	0.0624	0.0085	
11/30/2015 16:10	0.0621	0.0085	
11/30/2015 16:09	0.0619	0.0085	
11/30/2015 16:08	0.0617	0.0084	
11/30/2015 16:07	0.0614	0.0083	
11/30/2015 16:06	0.0613	0.0083	
11/30/2015 16:05	0.0609	0.0083	
11/30/2015 16:04	0.0606	0.0083	
11/30/2015 16:03	0.0604	0.0083	
11/30/2015 16:02	0.0602	0.0083	
11/30/2015 16:01	0.0601	0.0083	
11/30/2015 16:00	0.0599	0.0083	
11/30/2015 15:59	0.0596	0.0083	
11/30/2015 15:58	0.0594	0.0082	
11/30/2015 15:57	0.0591	0.0082	
11/30/2015 15:56	0.0589	0.0081	
11/30/2015 15:55	0.0587	0.0081	
11/30/2015 15:54	0.0584	0.0081	
11/30/2015 15:53	0.0583	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 15:52	0.0582	0.0081	
11/30/2015 15:51	0.058	0.0081	
11/30/2015 15:50	0.0579	0.0081	
11/30/2015 15:49	0.0579	0.008	
11/30/2015 15:48	0.0577	0.008	
11/30/2015 15:47	0.0577	0.008	
11/30/2015 15:46	0.0575	0.008	
11/30/2015 15:45	0.0575	0.008	
11/30/2015 15:44	0.0575	0.008	
11/30/2015 15:43	0.0575	0.008	
11/30/2015 15:42	0.0574	0.008	
11/30/2015 15:41	0.0575	0.008	
11/30/2015 15:40	0.0573	0.0079	
11/30/2015 15:39	0.0574	0.0079	
11/30/2015 15:38	0.0571	0.0079	
11/30/2015 15:37	0.0569	0.0079	
11/30/2015 15:36	0.0567	0.0079	
11/30/2015 15:35	0.0565	0.0079	
11/30/2015 15:34	0.0563	0.0079	
11/30/2015 15:33	0.0559	0.0079	
11/30/2015 15:32	0.0556	0.008	
11/30/2015 15:31	0.0553	0.0081	
11/30/2015 15:30	0.055	0.0083	
11/30/2015 15:29	0.0547	0.0083	
11/30/2015 15:28	0.0542	0.0083	
11/30/2015 15:27	0.0539	0.0083	
11/30/2015 15:26	0.0535	0.0083	
11/30/2015 15:25	0.0532	0.0084	
11/30/2015 15:24	0.0528	0.0084	
11/30/2015 15:23	0.0526	0.0085	
11/30/2015 15:22	0.0524	0.0085	
11/30/2015 15:21	0.0522	0.0086	
11/30/2015 15:20	0.0519	0.0086	
11/30/2015 15:19	0.0517	0.0086	
11/30/2015 15:18	0.0515	0.0086	
11/30/2015 15:17	0.0513	0.0086	
11/30/2015 15:16	0.0511	0.0085	
11/30/2015 15:15	0.0509	0.0083	
11/30/2015 15:14	0.0506	0.0084	
11/30/2015 15:13	0.0505	0.0084	
11/30/2015 15:12	0.0504	0.0084	
11/30/2015 15:11	0.0502	0.0084	
11/30/2015 15:10	0.0501	0.0085	
11/30/2015 15:09	0.0498	0.0086	
11/30/2015 15:08	0.0495	0.0085	
11/30/2015 15:07	0.049	0.0085	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 15:06	0.0486	0.0085	
11/30/2015 15:05	0.0485	0.0085	
11/30/2015 15:04	0.048	0.0085	
11/30/2015 15:03	0.0479	0.0084	
11/30/2015 15:02	0.0475	0.0083	
11/30/2015 15:01	0.0473	0.0083	
11/30/2015 15:00	0.047	0.0083	
11/30/2015 14:59	0.0469	0.0083	
11/30/2015 14:58	0.0465	0.0083	
11/30/2015 14:57	0.0461	0.0083	
11/30/2015 14:56	0.0459	0.0083	
11/30/2015 14:55	0.0457	0.0081	
11/30/2015 14:54	0.0453	0.0081	
11/30/2015 14:53	0.0449	0.0081	
11/30/2015 14:52	0.0448	0.0081	
11/30/2015 14:51	0.0446	0.0082	
11/30/2015 14:50	0.0449	0.0083	
11/30/2015 14:49	0.0446	0.0083	
11/30/2015 14:48	0.0442	0.0083	
11/30/2015 14:47	0.0439	0.0083	
11/30/2015 14:46	0.0435	0.0083	
11/30/2015 14:45	0.0431	0.0084	
11/30/2015 14:44	0.0427	0.0085	
11/30/2015 14:43	0.0424	0.0084	
11/30/2015 14:42	0.042	0.0084	
11/30/2015 14:41	0.0415	0.0084	
11/30/2015 14:40	0.041	0.0084	
11/30/2015 14:39	0.0404	0.0084	
11/30/2015 14:38	0.0402	0.0083	
11/30/2015 14:37	0.0399	0.0084	
11/30/2015 14:36	0.0397	0.0084	
11/30/2015 14:35	0.0386	0.0084	
11/30/2015 14:34	0.0382	0.0084	
11/30/2015 14:33	0.0379	0.0084	
11/30/2015 14:32	0.0374	0.0083	
11/30/2015 14:31	0.0369	0.0084	
11/30/2015 14:30	0.0365	0.0083	
11/30/2015 14:29	0.036	0.0083	
11/30/2015 14:28	0.0355	0.0083	
11/30/2015 14:27	0.0349	0.0084	
11/30/2015 14:26	0.0345	0.0085	
11/30/2015 14:25	0.0338	0.0085	
11/30/2015 14:24	0.0335	0.0085	
11/30/2015 14:23	0.0329	0.0086	
11/30/2015 14:22	0.032	0.0086	
11/30/2015 14:21	0.0313	0.0086	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 14:20	0.0308	0.0086	
11/30/2015 14:19	0.0301	0.0087	
11/30/2015 14:18	0.0294	0.0087	
11/30/2015 14:17	0.0286	0.0089	
11/30/2015 14:16	0.0279	0.0089	
11/30/2015 14:15	0.0271	0.009	
11/30/2015 14:14	0.0265	0.0091	
11/30/2015 14:13	0.0257	0.0092	
11/30/2015 14:12	0.0251	0.0093	
11/30/2015 14:11	0.0243	0.0093	
11/30/2015 14:10	0.0237	0.0095	
11/30/2015 14:09	0.0229	0.0095	
11/30/2015 14:08	0.0221	0.0095	
11/30/2015 14:07	0.0217	0.0095	
11/30/2015 14:06	0.0209	0.0096	
11/30/2015 14:05	0.0201	0.0097	
11/30/2015 14:04	0.0197	0.0097	
11/30/2015 14:03	0.0189	0.0097	
11/30/2015 14:02	0.0185	0.0097	
11/30/2015 14:01	0.018	0.0097	
11/30/2015 14:00	0.0175	0.0097	
11/30/2015 13:59	0.0167	0.0097	
11/30/2015 13:58	0.0163	0.0096	
11/30/2015 13:57	0.0158	0.0095	
11/30/2015 13:56	0.0155	0.0095	
11/30/2015 13:55	0.0151	0.0095	
11/30/2015 13:54	0.0147	0.0095	
11/30/2015 13:53	0.0145	0.0096	
11/30/2015 13:52	0.0143	0.0095	
11/30/2015 13:51	0.0142	0.0095	
11/30/2015 13:50	0.0139	0.0095	
11/30/2015 13:49	0.0135	0.0095	
11/30/2015 13:48	0.0133	0.0094	
11/30/2015 13:47	0.013	0.0095	
11/30/2015 13:46	0.0129	0.0094	
11/30/2015 13:45	0.0125	0.0093	
11/30/2015 13:44	0.0132	0.0094	
11/30/2015 13:43	0.0127	0.0095	
11/30/2015 13:42	0.0127	0.0097	
11/30/2015 13:41	0.0115	0.01	
11/30/2015 13:40	0.011	0.01	
11/25/2015 10:06	0.0589	0.0291	
11/25/2015 10:05	0.0587	0.0293	
11/25/2015 10:04	0.0584	0.0294	
11/25/2015 10:03	0.0579	0.0295	
11/25/2015 10:02	0.0576	0.0295	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/25/2015 10:01	0.0571	0.0295	
11/25/2015 10:00	0.0569	0.0297	
11/25/2015 9:59	0.0564	0.0298	
11/25/2015 9:58	0.0559	0.0299	
11/25/2015 9:57	0.0555	0.03	
11/25/2015 9:56	0.0551	0.0302	
11/25/2015 9:55	0.0549	0.0304	
11/25/2015 9:54	0.0545	0.0305	
11/25/2015 9:53	0.0542	0.0307	
11/25/2015 9:52	0.0539	0.0309	
11/25/2015 9:51	0.0535	0.0311	
11/25/2015 9:50	0.0531	0.0314	
11/25/2015 9:49	0.0526	0.0317	
11/25/2015 9:48	0.0523	0.032	
11/25/2015 9:47	0.0518	0.0323	
11/25/2015 9:46	0.0514	0.0327	
11/25/2015 9:45	0.0509	0.033	
11/25/2015 9:44	0.0505	0.0335	
11/25/2015 9:43	0.0501	0.0339	
11/25/2015 9:42	0.0495	0.0344	
11/25/2015 9:41	0.0489	0.0347	
11/25/2015 9:40	0.0482	0.0351	
11/25/2015 9:39	0.0477	0.0355	
11/25/2015 9:38	0.0471	0.0359	
11/25/2015 9:37	0.0467	0.0363	
11/25/2015 9:36	0.0464	0.0367	
11/25/2015 9:35	0.0459	0.0369	
11/25/2015 9:34	0.0454	0.0372	
11/25/2015 9:33	0.0449	0.0374	
11/25/2015 9:32	0.0444	0.0376	
11/25/2015 9:31	0.0439	0.0377	
11/25/2015 9:30	0.0439	0.0379	
11/25/2015 9:29	0.0435	0.0379	
11/25/2015 9:28	0.043	0.0377	
11/25/2015 9:27	0.0426	0.0377	
11/25/2015 9:26	0.0421	0.0377	
11/25/2015 9:25	0.0418	0.0376	
11/25/2015 9:24	0.0416	0.0374	
11/25/2015 9:23	0.041	0.0371	
11/25/2015 9:22	0.0403	0.0369	
11/25/2015 9:21	0.0397	0.0367	
11/25/2015 9:20	0.0391	0.0365	
11/25/2015 9:19	0.0385	0.0362	
11/25/2015 9:18	0.0377	0.036	
11/25/2015 9:17	0.0371	0.0358	
11/25/2015 9:16	0.0364	0.0356	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/25/2015 9:15	0.0351	0.0353	
11/25/2015 9:14	0.0343	0.0351	
11/25/2015 9:13	0.0335	0.035	
11/25/2015 9:12	0.0327	0.0349	
11/25/2015 9:11	0.0319	0.0347	
11/25/2015 9:10	0.031	0.0345	
11/25/2015 9:09	0.0299	0.0345	
11/25/2015 9:08	0.0291	0.0344	
11/25/2015 9:07	0.0285	0.0342	
11/25/2015 9:06	0.0276	0.0341	
11/25/2015 9:05	0.0268	0.0339	
11/25/2015 9:04	0.0259	0.0339	
11/25/2015 9:03	0.0251	0.0337	
11/25/2015 9:02	0.0242	0.0336	
11/25/2015 9:01	0.0234	0.0335	
11/25/2015 9:00	0.0226	0.0335	
11/25/2015 8:59	0.0219	0.0335	
11/25/2015 8:58	0.0211	0.0334	
11/25/2015 8:57	0.0202	0.0333	
11/25/2015 8:56	0.0194	0.0332	
11/25/2015 8:55	0.0184	0.0331	
11/25/2015 8:54	0.0174	0.0331	
11/25/2015 8:53	0.0165	0.033	
11/25/2015 8:52	0.0155	0.033	
11/25/2015 8:51	0.0147	0.0331	
11/25/2015 8:50	0.0137	0.0331	
11/25/2015 8:49	0.0128	0.0332	
11/25/2015 8:48	0.0119	0.0333	
11/25/2015 8:47	0.0109	0.0333	
11/25/2015 8:46	0.0099	0.0333	
11/25/2015 8:45	0.0089	0.0333	
11/25/2015 8:44	0.008	0.0334	
11/25/2015 8:43	0.0071	0.0334	
11/25/2015 8:42	0.0064	0.0335	
11/25/2015 8:41	0.0057	0.0337	
11/25/2015 8:40	0.0049	0.0337	
11/25/2015 8:39	0.0043	0.0338	
11/25/2015 8:38	0.0037	0.0339	
11/25/2015 8:37	0.0032	0.0339	
11/25/2015 8:36	0.0028	0.0339	
11/25/2015 8:35	0.0025	0.0339	
11/25/2015 8:34	0.0023	0.0339	
11/25/2015 8:33	0.002	0.0339	
11/25/2015 8:32	0.0018	0.0339	
11/25/2015 8:31	0.0017	0.034	
11/25/2015 8:30	0.0016	0.034	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/25/2015 8:29	0.0013	0.034	
11/25/2015 8:28	0.0012	0.0342	
11/25/2015 8:27	0.001	0.034	
11/25/2015 8:26	0.0008	0.0338	
11/25/2015 8:25	0.001	0.034	
11/25/2015 8:24	0.001	0.034	
11/25/2015 8:23	0.001	0.034	
11/24/2015 16:05	0.1285	0.0264	
11/24/2015 16:04	0.1285	0.0265	
11/24/2015 16:03	0.1285	0.0265	
11/24/2015 16:02	0.1285	0.0265	
11/24/2015 16:01	0.1287	0.0265	
11/24/2015 16:00	0.1287	0.0266	
11/24/2015 15:59	0.1287	0.0266	
11/24/2015 15:58	0.1289	0.0266	
11/24/2015 15:57	0.1287	0.0266	
11/24/2015 15:56	0.1287	0.0265	
11/24/2015 15:55	0.1287	0.0265	
11/24/2015 15:54	0.1288	0.0264	
11/24/2015 15:53	0.1287	0.0264	
11/24/2015 15:52	0.1288	0.0264	
11/24/2015 15:51	0.1287	0.0262	
11/24/2015 15:50	0.1287	0.0261	
11/24/2015 15:49	0.1285		
11/24/2015 15:48	0.1284	0.026	
11/24/2015 15:47	0.1283	0.026	
11/24/2015 15:46	0.1281	0.0259	
11/24/2015 15:45	0.128	0.0259	
11/24/2015 15:44	0.1281	0.0258	
11/24/2015 15:43	0.1279	0.0258	
11/24/2015 15:42	0.1279	0.0258	
11/24/2015 15:41	0.1276	0.0258	
11/24/2015 15:40	0.1275	0.0259	
11/24/2015 15:39	0.1273	0.0259	
11/24/2015 15:38	0.1272	0.0259	
11/24/2015 15:37	0.1272	0.0261	
11/24/2015 15:36	0.127	0.0262	
11/24/2015 15:35	0.1268	0.0263	
11/24/2015 15:34	0.1267	0.0263	
11/24/2015 15:33	0.1267	0.0265	
11/24/2015 15:32	0.1267	0.0265	
11/24/2015 15:31	0.1266	0.0267	
11/24/2015 15:30	0.1267	0.0268	
11/24/2015 15:29	0.1267	0.0269	
11/24/2015 15:28	0.1267	0.027	
11/24/2015 15:27	0.1269	0.0271	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 15:26	0.1271	0.0271	
11/24/2015 15:25	0.1273	0.0271	
11/24/2015 15:24	0.1273	0.0271	
11/24/2015 15:23	0.1274	0.0271	
11/24/2015 15:22	0.1274	0.0271	
11/24/2015 15:21	0.1274	0.0271	
11/24/2015 15:20	0.1273	0.0269	
11/24/2015 15:19	0.1273	0.0269	
11/24/2015 15:18	0.1273	0.0268	
11/24/2015 15:17	0.1273	0.0267	
11/24/2015 15:16	0.1275	0.0267	
11/24/2015 15:15	0.1275	0.0267	
11/24/2015 15:14	0.1274	0.0267	
11/24/2015 15:13	0.1274	0.0265	
11/24/2015 15:12	0.1272	0.0265	
11/24/2015 15:11	0.1271	0.0265	
11/24/2015 15:10	0.127	0.0265	
11/24/2015 15:09	0.127	0.0265	
11/24/2015 15:08	0.1269	0.0266	
11/24/2015 15:07	0.1267	0.0265	
11/24/2015 15:06	0.1268	0.0265	
11/24/2015 15:05	0.1269	0.0265	
11/24/2015 15:04	0.1269	0.0264	
11/24/2015 15:03	0.1268	0.0264	
11/24/2015 15:02	0.1269	0.0264	
11/24/2015 15:01	0.1267	0.0263	
11/24/2015 15:00	0.1267	0.0262	
11/24/2015 14:59	0.1265	0.0261	
11/24/2015 14:58	0.1264	0.0261	
11/24/2015 14:57	0.1265	0.0259	
11/24/2015 14:56	0.1265	0.0259	
11/24/2015 14:55	0.1265	0.0257	
11/24/2015 14:54	0.1263	0.0256	
11/24/2015 14:53	0.1264	0.0255	
11/24/2015 14:52	0.1264	0.0255	
11/24/2015 14:51	0.1265	0.0254	
11/24/2015 14:50	0.1265	0.0254	
11/24/2015 14:49	0.1265		
11/24/2015 14:48	0.1266	0.0253	
11/24/2015 14:47	0.1266	0.0253	
11/24/2015 14:46	0.1265	0.0254	
11/24/2015 14:45	0.1264	0.0254	
11/24/2015 14:44	0.1266	0.0253	
11/24/2015 14:43	0.1266	0.0253	
11/24/2015 14:42	0.1265	0.0253	
11/24/2015 14:41	0.1264	0.0253	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 14:40	0.1264	0.0253	
11/24/2015 14:39	0.1264	0.0253	
11/24/2015 14:38	0.1265	0.0252	
11/24/2015 14:37	0.1267	0.0251	
11/24/2015 14:36	0.1266	0.0251	
11/24/2015 14:35	0.1267	0.0251	
11/24/2015 14:34	0.1269	0.0251	
11/24/2015 14:33	0.1269	0.0251	
11/24/2015 14:32	0.127	0.0251	
11/24/2015 14:31	0.127	0.025	
11/24/2015 14:30	0.1273	0.0249	
11/24/2015 14:29	0.1273	0.0249	
11/24/2015 14:28	0.1275	0.0249	
11/24/2015 14:27	0.1277	0.0249	
11/24/2015 14:26	0.1279	0.0249	
11/24/2015 14:25	0.1279	0.0249	
11/24/2015 14:24	0.1282	0.0249	
11/24/2015 14:23	0.1283	0.0249	
11/24/2015 14:22	0.1281	0.025	
11/24/2015 14:21	0.128	0.0251	
11/24/2015 14:20	0.1279	0.0251	
11/24/2015 14:19	0.1278	0.0252	
11/24/2015 14:18	0.1279	0.0252	
11/24/2015 14:17	0.1279	0.0253	
11/24/2015 14:16	0.1279	0.0254	
11/24/2015 14:15	0.1278	0.0255	
11/24/2015 14:14	0.1277	0.0255	
11/24/2015 14:13	0.1276	0.0257	
11/24/2015 14:12	0.1275	0.0257	
11/24/2015 14:11	0.1273	0.0259	
11/24/2015 14:10	0.1274	0.0259	
11/24/2015 14:09	0.1273	0.026	
11/24/2015 14:08	0.1272	0.0261	
11/24/2015 14:07	0.1273	0.0261	
11/24/2015 14:06	0.1271	0.0261	
11/24/2015 14:05	0.1269	0.0261	
11/24/2015 14:04	0.127	0.0261	
11/24/2015 14:03	0.1267	0.0262	
11/24/2015 14:02	0.1265	0.0261	
11/24/2015 14:01	0.1267	0.0261	
11/24/2015 14:00	0.1266	0.026	
11/24/2015 13:59	0.1264	0.0259	
11/24/2015 13:58	0.1264	0.0259	
11/24/2015 13:57	0.1263	0.0258	
11/24/2015 13:56	0.1263	0.0257	
11/24/2015 13:55	0.1261	0.0255	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 13:54	0.1261	0.0254	
11/24/2015 13:53	0.1261	0.0253	
11/24/2015 13:52	0.1259	0.0251	
11/24/2015 13:51	0.1259	0.025	
11/24/2015 13:50	0.126	0.0249	
11/24/2015 13:49	0.1258	0.0248	
11/24/2015 13:48	0.1258	0.0247	
11/24/2015 13:47	0.1257	0.0245	
11/24/2015 13:46	0.1257	0.0245	
11/24/2015 13:45	0.1258	0.0245	
11/24/2015 13:44	0.1258	0.0245	
11/24/2015 13:43	0.1257	0.0245	
11/24/2015 13:42	0.1255	0.0245	
11/24/2015 13:41	0.1257	0.0246	
11/24/2015 13:40	0.1257	0.0247	
11/24/2015 13:39	0.1254	0.0247	
11/24/2015 13:38	0.1253	0.0248	
11/24/2015 13:37	0.1252	0.0249	
11/24/2015 13:36	0.1252	0.0249	
11/24/2015 13:35	0.1251	0.0249	
11/24/2015 13:34	0.1251	0.025	
11/24/2015 13:33	0.125	0.0251	
11/24/2015 13:32	0.1248	0.0251	
11/24/2015 13:31	0.1247	0.0252	
11/24/2015 13:30	0.1244	0.0251	
11/24/2015 13:29	0.1244	0.0251	
11/24/2015 13:28	0.1244	0.0251	
11/24/2015 13:27	0.1245	0.0251	
11/24/2015 13:26	0.1243	0.0251	
11/24/2015 13:25	0.1241	0.0251	
11/24/2015 13:24	0.1241	0.0252	
11/24/2015 13:23	0.1241	0.0253	
11/24/2015 13:22	0.1242	0.0253	
11/24/2015 13:21	0.1241	0.0253	
11/24/2015 13:20	0.1242	0.0254	
11/24/2015 13:19	0.1242	0.0255	
11/24/2015 13:18	0.1242	0.0255	
11/24/2015 13:17	0.1245	0.0256	
11/24/2015 13:16	0.1245	0.0257	
11/24/2015 13:15	0.1243	0.0258	
11/24/2015 13:14	0.1244	0.0259	
11/24/2015 13:13	0.1243	0.0259	
11/24/2015 13:12	0.1241	0.0259	
11/24/2015 13:11	0.1243	0.0259	
11/24/2015 13:10	0.1243	0.026	
11/24/2015 13:09	0.1242	0.026	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 13:08	0.1241	0.026	
11/24/2015 13:07	0.124	0.0261	
11/24/2015 13:06	0.1239	0.0261	
11/24/2015 13:05	0.1239	0.0261	
11/24/2015 13:04	0.1239	0.0261	
11/24/2015 13:03	0.1238	0.0262	
11/24/2015 13:02	0.1236	0.0262	
11/24/2015 13:01	0.1235	0.0263	
11/24/2015 13:00	0.1236	0.0263	
11/24/2015 12:59	0.1235	0.0264	
11/24/2015 12:58	0.1234	0.0265	
11/24/2015 12:57	0.1233	0.0266	
11/24/2015 12:56	0.1229	0.0267	
11/24/2015 12:55	0.1229	0.0268	
11/24/2015 12:54	0.1228	0.0269	
11/24/2015 12:53	0.1227	0.027	
11/24/2015 12:52	0.1226	0.027	
11/24/2015 12:51	0.1227	0.027	
11/24/2015 12:50	0.1225	0.0271	
11/24/2015 12:49	0.1223	0.0273	
11/24/2015 12:48	0.1223	0.0273	
11/24/2015 12:47	0.1221	0.0273	
11/24/2015 12:46	0.1219	0.0273	
11/24/2015 12:45	0.1217	0.0274	
11/24/2015 12:44	0.1214	0.0275	
11/24/2015 12:43	0.1215	0.0275	
11/24/2015 12:42	0.1214	0.0276	
11/24/2015 12:41	0.1213	0.0276	
11/24/2015 12:40	0.1211	0.0276	
11/24/2015 12:39	0.1209	0.0277	
11/24/2015 12:38	0.1208	0.0277	
11/24/2015 12:37	0.1207	0.0278	
11/24/2015 12:36	0.1203	0.0279	
11/24/2015 12:35	0.1202	0.0279	
11/24/2015 12:34	0.1202	0.0279	
11/24/2015 12:33	0.12	0.028	
11/24/2015 12:32	0.1201	0.0281	
11/24/2015 12:31	0.1199	0.0281	
11/24/2015 12:30	0.1199	0.028	
11/24/2015 12:29	0.1197	0.028	
11/24/2015 12:28	0.1194	0.0279	
11/24/2015 12:27	0.1193	0.0279	
11/24/2015 12:26	0.1192	0.0278	
11/24/2015 12:25	0.1191	0.0278	
11/24/2015 12:24	0.119	0.0277	
11/24/2015 12:23	0.1189	0.0276	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 12:22	0.1186	0.0275	
11/24/2015 12:21	0.1185	0.0275	
11/24/2015 12:20	0.1182	0.0273	
11/24/2015 12:19	0.1178	0.0273	
11/24/2015 12:18	0.1177	0.0273	
11/24/2015 12:17	0.1175	0.0272	
11/24/2015 12:16	0.1174	0.0272	
11/24/2015 12:15	0.1172	0.0272	
11/24/2015 12:14	0.1171	0.0271	
11/24/2015 12:13	0.1169	0.0271	
11/24/2015 12:12	0.1166	0.0271	
11/24/2015 12:11	0.1164	0.0271	
11/24/2015 12:10	0.1164	0.0271	
11/24/2015 12:09	0.116	0.027	
11/24/2015 12:08	0.1159	0.027	
11/24/2015 12:07	0.1157	0.027	
11/24/2015 12:06	0.1156	0.0269	
11/24/2015 12:05	0.1156	0.0269	
11/24/2015 12:04	0.1155	0.0269	
11/24/2015 12:03	0.1151	0.0269	
11/24/2015 12:02		0.0269	
11/24/2015 12:01	0.1149	0.0269	
11/24/2015 12:00	0.1147	0.0269	
11/24/2015 11:59	0.1146	0.0268	
11/24/2015 11:58	0.1147	0.0268	
11/24/2015 11:57	0.1145	0.0268	
11/24/2015 11:56	0.1145	0.0267	
11/24/2015 11:55	0.1143	0.0268	
11/24/2015 11:54	0.1143	0.0269	
11/24/2015 11:53	0.1139	0.0268	
11/24/2015 11:52	0.1137	0.0267	
11/24/2015 11:51	0.1133	0.0268	
11/24/2015 11:50	0.1131	0.0268	
11/24/2015 11:49	0.1129	0.0268	
11/24/2015 11:48	0.1128	0.0267	
11/24/2015 11:47	0.1125	0.0267	
11/24/2015 11:46	0.1125	0.0267	
11/24/2015 11:45	0.1122	0.0266	
11/24/2015 11:44	0.1121	0.0266	
11/24/2015 11:43	0.1117	0.0266	
11/24/2015 11:42	0.1113	0.0265	
11/24/2015 11:41	0.1109	0.0265	
11/24/2015 11:40	0.1109	0.0264	
11/24/2015 11:39	0.1106	0.0263	
11/24/2015 11:38	0.1105	0.0263	
11/24/2015 11:37	0.1105	0.0263	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 11:36	0.1105	0.0263	
11/24/2015 11:35	0.1105	0.0261	
11/24/2015 11:34	0.1103	0.0261	
11/24/2015 11:33	0.1101	0.0261	
11/24/2015 11:32	0.1098	0.026	
11/24/2015 11:31	0.1095	0.026	
11/24/2015 11:30	0.1093	0.026	
11/24/2015 11:29	0.1091	0.0259	
11/24/2015 11:28	0.109	0.0259	
11/24/2015 11:27	0.1089	0.0259	
11/24/2015 11:26	0.1088	0.0259	
11/24/2015 11:25	0.1084	0.0259	
11/24/2015 11:24	0.1083	0.0259	
11/24/2015 11:23	0.1081	0.0259	
11/24/2015 11:22	0.1077	0.0259	
11/24/2015 11:21	0.1074	0.0259	
11/24/2015 11:20	0.107	0.0259	
11/24/2015 11:19	0.1068	0.0259	
11/24/2015 11:18	0.1065	0.0259	
11/24/2015 11:17	0.1064	0.0259	
11/24/2015 11:16	0.1061	0.0259	
11/24/2015 11:15	0.1059	0.0259	
11/24/2015 11:14	0.1057	0.0259	
11/24/2015 11:13	0.1053	0.026	
11/24/2015 11:12	0.1051	0.0261	
11/24/2015 11:11	0.1048	0.0262	
11/24/2015 11:10	0.1046	0.0263	
11/24/2015 11:09	0.1043	0.0265	
11/24/2015 11:08	0.1039	0.0267	
11/24/2015 11:07	0.1037	0.0269	
11/24/2015 11:06	0.1036	0.0271	
11/24/2015 11:05	0.1034	0.0275	
11/24/2015 11:04	0.1032	0.0277	
11/24/2015 11:03	0.1031	0.0279	
11/24/2015 11:02	0.1027	0.0283	
11/24/2015 11:01	0.1025	0.0286	
11/24/2015 11:00	0.1023	0.029	
11/24/2015 10:59	0.102	0.0293	
11/24/2015 10:58	0.1017	0.0297	
11/24/2015 10:57	0.1017	0.0301	
11/24/2015 10:56	0.1016	0.0304	
11/24/2015 10:55	0.1015	0.0309	
11/24/2015 10:54	0.1013	0.0311	
11/24/2015 10:53	0.1013	0.0314	
11/24/2015 10:52	0.1013	0.0316	
11/24/2015 10:51	0.1011	0.0319	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 10:50	0.1009	0.032	
11/24/2015 10:49	0.1007	0.0321	
11/24/2015 10:48	0.1005	0.0325	
11/24/2015 10:47	0.1003	0.0326	
11/24/2015 10:46	0.1001	0.0327	
11/24/2015 10:45	0.0998	0.0328	
11/24/2015 10:44	0.0997	0.0329	
11/24/2015 10:43	0.0995	0.033	
11/24/2015 10:42	0.0992	0.033	
11/24/2015 10:41	0.0989	0.0329	
11/24/2015 10:40	0.0987	0.0328	
11/24/2015 10:39	0.0987	0.0329	
11/24/2015 10:38	0.0983	0.0328	
11/24/2015 10:37	0.0979	0.0328	
11/24/2015 10:36	0.0976	0.0328	
11/24/2015 10:35	0.0975	0.0328	
11/24/2015 10:34	0.0972	0.0329	
11/24/2015 10:33	0.097	0.0327	
11/24/2015 10:32	0.0968	0.0327	
11/24/2015 10:31	0.0966	0.0326	
11/24/2015 10:30	0.0962	0.0325	
11/24/2015 10:29	0.0959	0.0325	
11/24/2015 10:28	0.0957	0.0325	
11/24/2015 10:27	0.0955	0.0325	
11/24/2015 10:26	0.0952	0.0325	
11/24/2015 10:25	0.0949	0.0325	
11/24/2015 10:24	0.0944	0.0325	
11/24/2015 10:23	0.094	0.0326	
11/24/2015 10:22	0.0936	0.0326	
11/24/2015 10:21	0.0932	0.0326	
11/24/2015 10:20	0.0927	0.0326	
11/24/2015 10:19	0.0921	0.0325	
11/24/2015 10:18	0.0916	0.0324	
11/24/2015 10:17	0.0913	0.0324	
11/24/2015 10:16	0.0913	0.0323	
11/24/2015 10:15	0.0911	0.0323	
11/24/2015 10:14	0.0905	0.0322	
11/24/2015 10:13	0.0899	0.0321	
11/24/2015 10:12	0.0891	0.0319	
11/24/2015 10:11	0.0883	0.0317	
11/24/2015 10:10	0.0875	0.0315	
11/24/2015 10:09	0.0866	0.0313	
11/24/2015 10:08	0.0859	0.0311	
11/24/2015 10:07	0.0852	0.0309	
11/24/2015 10:06	0.0844	0.0307	
11/24/2015 10:05	0.0836	0.0305	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 10:04	0.0829	0.0304	
11/24/2015 10:03	0.0826	0.0486	
11/24/2015 10:02	0.0819	0.0488	
11/24/2015 10:01	0.0808	0.0491	
11/24/2015 10:00	0.0803	0.0493	
11/24/2015 9:59	0.0798	0.0495	
11/24/2015 9:58	0.0792	0.0499	
11/24/2015 9:57	0.079	0.0502	
11/24/2015 9:56	0.0786	0.0505	
11/24/2015 9:55	0.0782	0.0509	
11/24/2015 9:54	0.078	0.0512	
11/24/2015 9:53	0.0778	0.0515	
11/24/2015 9:52	0.0773	0.0519	
11/24/2015 9:51	0.077	0.0522	
11/24/2015 9:50	0.077	0.0525	
11/24/2015 9:49		0.0529	
11/24/2015 9:48		0.035	
11/24/2015 9:47		0.035	
11/24/2015 9:46		0.0347	
11/24/2015 9:45		0.0343	
11/24/2015 9:44		0.034	
11/24/2015 9:43		0.0337	
11/24/2015 9:42		0.0335	
11/24/2015 9:41		0.0332	
11/24/2015 9:40		0.0329	
11/24/2015 9:39		0.0327	
11/24/2015 9:38		0.0324	
11/24/2015 9:37		0.0322	
11/24/2015 9:36		0.032	
11/24/2015 9:35		0.0317	
11/24/2015 9:34		0.0315	
11/24/2015 9:33		0.0313	
11/24/2015 9:32	0.0861	0.0311	
11/24/2015 9:31	0.0855	0.0313	
11/24/2015 9:30	0.0853	0.0313	
11/24/2015 9:29	0.0849	0.0315	
11/24/2015 9:28	0.0847	0.0315	
11/24/2015 9:27	0.0844	0.0316	
11/24/2015 9:26	0.0841	0.0316	
11/24/2015 9:25	0.0837	0.0316	
11/24/2015 9:24	0.0832	0.0316	
11/24/2015 9:23	0.0828	0.0317	
11/24/2015 9:22	0.0824	0.0316	
11/24/2015 9:21	0.0818	0.0316	
11/24/2015 9:20	0.0813	0.0317	
11/24/2015 9:19	0.0809	0.0317	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 9:18	0.0805	0.0318	
11/24/2015 9:17	0.0799	0.0319	
11/24/2015 9:16	0.0794	0.0319	
11/24/2015 9:15	0.0787	0.0319	
11/24/2015 9:14	0.0782	0.032	
11/24/2015 9:13	0.0776	0.0321	
11/24/2015 9:12	0.0769	0.0321	
11/24/2015 9:11	0.0764	0.0323	
11/24/2015 9:10	0.0758	0.0324	
11/24/2015 9:09	0.0753	0.0326	
11/24/2015 9:08	0.0747	0.0327	
11/24/2015 9:07	0.074	0.0329	
11/24/2015 9:06	0.0733	0.0329	
11/24/2015 9:05	0.0725	0.033	
11/24/2015 9:04	0.0717	0.0331	
11/24/2015 9:03	0.0709	0.0332	
11/24/2015 9:02	0.0703	0.0333	
11/24/2015 9:01	0.0696	0.0336	
11/24/2015 9:00	0.0689	0.0338	
11/24/2015 8:59	0.068	0.0339	
11/24/2015 8:58	0.0671	0.0341	
11/24/2015 8:57	0.0662	0.0343	
11/24/2015 8:56	0.0653	0.0344	
11/24/2015 8:55	0.0643	0.0345	
11/24/2015 8:54	0.0631	0.0345	
11/24/2015 8:53	0.0621	0.0345	
11/24/2015 8:52	0.0611	0.0345	
11/24/2015 8:51	0.0602	0.0345	
11/24/2015 8:50	0.0592	0.0346	
11/24/2015 8:49	0.0582	0.0345	
11/24/2015 8:48	0.0571	0.0342	
11/24/2015 8:47	0.0559	0.0339	
11/24/2015 8:46	0.0552	0.0336	
11/24/2015 8:45	0.0541	0.0333	
11/24/2015 8:44	0.053	0.0331	
11/24/2015 8:43	0.0517	0.0329	
11/24/2015 8:42	0.0504	0.0326	
11/24/2015 8:41	0.0491	0.0323	
11/24/2015 8:40	0.0481	0.0321	
11/24/2015 8:39	0.0469	0.0319	
11/24/2015 8:38	0.0456	0.0318	
11/24/2015 8:37	0.0444	0.0317	
11/24/2015 8:36	0.0429	0.0317	
11/24/2015 8:35	0.0415	0.0317	
11/24/2015 8:34	0.0402	0.0317	
11/24/2015 8:33	0.0389	0.0319	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 8:32	0.0377	0.0319	
11/24/2015 8:31	0.036	0.032	
11/24/2015 8:30	0.0345	0.0321	
11/24/2015 8:29	0.033	0.0321	
11/24/2015 8:28	0.0317	0.0321	
11/24/2015 8:27	0.0303	0.0321	
11/24/2015 8:26	0.0289	0.0322	
11/24/2015 8:25	0.0273	0.0323	
11/24/2015 8:24	0.0257	0.0323	
11/24/2015 8:23	0.0241	0.0321	
11/24/2015 8:22	0.0225	0.032	
11/24/2015 8:21	0.0211	0.0318	
11/24/2015 8:20	0.0197	0.0316	
11/24/2015 8:19	0.0181	0.0314	
11/24/2015 8:18	0.0167	0.0311	
11/24/2015 8:17	0.015	0.0309	
11/24/2015 8:16	0.0133	0.0307	
11/24/2015 8:15	0.0119	0.0305	
11/24/2015 8:14	0.0107	0.0303	
11/24/2015 8:13	0.0093	0.03	
11/24/2015 8:12	0.008	0.0297	
11/24/2015 8:11	0.0068	0.0293	
11/24/2015 8:10	0.0057	0.0289	
11/24/2015 8:09	0.0047	0.0285	
11/24/2015 8:08	0.0039	0.0283	
11/24/2015 8:07	0.0032	0.028	
11/24/2015 8:06	0.0025	0.0277	
11/24/2015 8:05	0.0019	0.0274	
11/24/2015 8:04	0.0014	0.0271	
11/24/2015 8:03	0.0009	0.0268	
11/24/2015 8:02	0.0007	0.0265	
11/24/2015 8:01	0.0005	0.0263	
11/24/2015 8:00	0.0002	0.026	
11/24/2015 7:59	0.0001	0.0257	
11/24/2015 7:58	0	0.0255	
11/24/2015 7:57	0	0.0254	
11/24/2015 7:56	0	0.0252	
11/24/2015 7:55	0	0.0252	
11/24/2015 7:54	0	0.0251	
11/24/2015 7:53	0	0.025	
11/24/2015 7:52	0	0.0249	
11/24/2015 7:51	0	0.0249	
11/24/2015 7:50	0	0.0247	
11/24/2015 7:49	0	0.0247	
11/24/2015 7:48	0	0.0246	
11/24/2015 7:47	0	0.0245	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 7:46	0	0.0243	
11/24/2015 7:45	0	0.024	
11/24/2015 7:44	0	0.024	
11/23/2015 17:24	0.0895	0.014	
11/23/2015 17:23	0.0883	0.0141	
11/23/2015 17:22	0.0875	0.0149	
11/23/2015 17:21	0.0867	0.0154	
11/23/2015 17:20	0.0861	0.0161	
11/23/2015 17:19	0.0859	0.0173	
11/23/2015 17:18	0.0859	0.0181	
11/23/2015 17:17	0.0851	0.0179	
11/23/2015 17:16	0.0847	0.0179	
11/23/2015 17:15	0.0842	0.0183	
11/23/2015 17:14	0.0839	0.0182	
11/23/2015 17:13	0.0834	0.0181	
11/23/2015 17:12	0.0829	0.0183	
11/23/2015 17:11	0.0825	0.0184	
11/23/2015 17:10	0.0821	0.0179	
11/23/2015 17:09	0.0817	0.0173	
11/23/2015 17:08	0.0815	0.0167	
11/23/2015 17:07	0.0807	0.0155	
11/23/2015 17:06	0.0803	0.0147	
11/23/2015 17:05	0.0796	0.0136	
11/23/2015 17:04	0.0788	0.0119	
11/23/2015 17:03	0.0781	0.0107	
11/23/2015 17:02	0.0779	0.0102	
11/23/2015 17:01	0.0775	0.0097	
11/23/2015 17:00	0.0771	0.0089	
11/23/2015 16:59	0.0765	0.0085	
11/23/2015 16:58	0.0762	0.008	
11/23/2015 16:57	0.0756	0.0072	
11/23/2015 16:56	0.0751	0.0066	
11/23/2015 16:55	0.0746	0.0065	
11/23/2015 16:54	0.0737	0.0063	
11/23/2015 16:53	0.0731	0.0062	
11/23/2015 16:52	0.0727	0.0061	
11/23/2015 16:51	0.0724	0.0059	
11/23/2015 16:50	0.0721	0.0058	
11/23/2015 16:49	0.0717	0.0058	
11/23/2015 16:48	0.0714	0.0057	
11/23/2015 16:47	0.0712	0.0057	
11/23/2015 16:46	0.0707	0.0057	
11/23/2015 16:45	0.0704	0.0057	
11/23/2015 16:44	0.0703	0.0056	
11/23/2015 16:43	0.0699	0.0056	
11/23/2015 16:42	0.0699	0.0055	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 16:41	0.0697	0.0055	
11/23/2015 16:40	0.0695	0.0055	
11/23/2015 16:39	0.0695	0.0055	
11/23/2015 16:38	0.0693	0.0054	
11/23/2015 16:37	0.0692	0.0054	
11/23/2015 16:36	0.0688	0.0055	
11/23/2015 16:35	0.0687	0.0055	
11/23/2015 16:34	0.0687	0.0055	
11/23/2015 16:33	0.0687	0.0055	
11/23/2015 16:32	0.0687	0.0055	
11/23/2015 16:31	0.0689	0.0055	
11/23/2015 16:30	0.0691	0.0055	
11/23/2015 16:29	0.0691	0.0055	
11/23/2015 16:28	0.0693	0.0054	
11/23/2015 16:27	0.0694	0.0054	
11/23/2015 16:26	0.0698	0.0053	
11/23/2015 16:25	0.0701	0.0053	
11/23/2015 16:24	0.0703	0.0053	
11/23/2015 16:23	0.0708	0.0053	
11/23/2015 16:22	0.0713	0.0053	
11/23/2015 16:21	0.0719	0.0051	
11/23/2015 16:20	0.0721	0.005	
11/23/2015 16:19	0.0725	0.005	
11/23/2015 16:18	0.0727	0.005	
11/23/2015 16:17	0.0729	0.005	
11/23/2015 16:16	0.0733	0.0049	
11/23/2015 16:15	0.0734	0.0048	
11/23/2015 16:14	0.0737	0.0049	
11/23/2015 16:13	0.0739	0.0049	
11/23/2015 16:12	0.0742	0.0048	
11/23/2015 16:11	0.0745	0.0047	
11/23/2015 16:10	0.0749	0.0046	
11/23/2015 16:09	0.0753	0.0046	
11/23/2015 16:08	0.0757	0.0046	
11/23/2015 16:07	0.0759	0.0046	
11/23/2015 16:06	0.0763	0.0046	
11/23/2015 16:05	0.0765	0.0046	
11/23/2015 16:04	0.0769	0.0045	
11/23/2015 16:03	0.0775	0.0044	
11/23/2015 16:02	0.0779	0.0043	
11/23/2015 16:01	0.0785	0.0043	
11/23/2015 16:00	0.0789	0.0043	
11/23/2015 15:59	0.0793	0.0041	
11/23/2015 15:58	0.0795	0.0041	
11/23/2015 15:57	0.0799	0.004	
11/23/2015 15:56	0.0803	0.0039	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 15:55	0.0804	0.0039	
11/23/2015 15:54	0.0805	0.0039	
11/23/2015 15:53	0.0808	0.0038	
11/23/2015 15:52	0.0811	0.0038	
11/23/2015 15:51	0.0812	0.0038	
11/23/2015 15:50	0.0814	0.0038	
11/23/2015 15:49	0.0814	0.0038	
11/23/2015 15:48	0.0811	0.0038	
11/23/2015 15:47	0.081	0.0038	
11/23/2015 15:46	0.0807	0.0037	
11/23/2015 15:45	0.0807	0.0037	
11/23/2015 15:44	0.0807	0.0038	
11/23/2015 15:43	0.0808	0.0037	
11/23/2015 15:42	0.0807	0.0038	
11/23/2015 15:41	0.0805	0.0039	
11/23/2015 15:40	0.0803	0.0039	
11/23/2015 15:39	0.0802	0.0038	
11/23/2015 15:38	0.0798	0.0038	
11/23/2015 15:37	0.0796	0.0038	
11/23/2015 15:36	0.0793	0.0038	
11/23/2015 15:35	0.0791	0.0038	
11/23/2015 15:34	0.079	0.0038	
11/23/2015 15:33	0.079	0.0038	
11/23/2015 15:32	0.079	0.0038	
11/23/2015 15:31	0.0789	0.0039	
11/23/2015 15:30	0.0788	0.0039	
11/23/2015 15:29	0.0787	0.0039	
11/23/2015 15:28	0.0786	0.0039	
11/23/2015 15:27	0.0786	0.0041	
11/23/2015 15:26	0.0787	0.0041	
11/23/2015 15:25	0.0789	0.0041	
11/23/2015 15:24	0.0788	0.0042	
11/23/2015 15:23	0.0791	0.0043	
11/23/2015 15:22	0.0791	0.0044	
11/23/2015 15:21	0.0791	0.0043	
11/23/2015 15:20	0.0791	0.0043	
11/23/2015 15:19	0.0791	0.0043	
11/23/2015 15:18	0.0789	0.0043	
11/23/2015 15:17	0.0785	0.0043	
11/23/2015 15:16	0.0782	0.0043	
11/23/2015 15:15	0.0779	0.0043	
11/23/2015 15:14	0.0774	0.0043	
11/23/2015 15:13	0.077	0.0043	
11/23/2015 15:12	0.0765	0.0041	
11/23/2015 15:11	0.0757	0.0041	
11/23/2015 15:10	0.0753	0.0041	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 15:09	0.0747	0.0041	
11/23/2015 15:08	0.0741	0.004	
11/23/2015 15:07	0.0734	0.0039	
11/23/2015 15:06	0.0729	0.0041	
11/23/2015 15:05	0.0723	0.004	
11/23/2015 15:04	0.0719	0.0039	
11/23/2015 15:03	0.0717	0.004	
11/23/2015 15:02	0.0717	0.0039	
11/23/2015 15:01	0.0714	0.0039	
11/23/2015 15:00	0.0716	0.0038	
11/23/2015 14:59	0.0719	0.004	
11/23/2015 14:58	0.0723	0.004	
11/23/2015 14:57	0.0735	0.004	
11/23/2015 14:56	0.0735	0.0039	
11/23/2015 14:55	0.0729	0.0039	
11/23/2015 14:54	0.0724	0.0038	
11/23/2015 14:53	0.0719	0.0037	
11/23/2015 14:52	0.0711	0.0038	
11/23/2015 14:51	0.0704	0.0036	
11/23/2015 14:50	0.0697	0.0036	
11/23/2015 14:49	0.069	0.0037	
11/23/2015 14:48	0.0681	0.0036	
11/23/2015 14:47	0.0671	0.0037	
11/23/2015 14:46	0.0663	0.0037	
11/23/2015 14:45	0.0648	0.0037	
11/23/2015 14:44	0.0633	0.0035	
11/23/2015 14:43	0.0614	0.0035	
11/23/2015 14:42	0.0587	0.0034	
11/23/2015 14:41	0.0574	0.0034	
11/23/2015 14:40	0.0565	0.0034	
11/23/2015 14:39	0.0551	0.0037	
11/23/2015 14:38	0.0535	0.0038	
11/23/2015 14:37	0.0519	0.0037	
11/23/2015 14:36	0.0505	0.0037	
11/23/2015 14:35	0.0499	0.0038	
11/23/2015 14:34	0.0491	0.0038	
11/23/2015 14:33	0.0483	0.0038	
11/23/2015 14:32	0.0475	0.0038	
11/23/2015 14:31	0.0465	0.0038	
11/23/2015 14:30	0.0457	0.0039	
11/23/2015 14:29	0.0445	0.004	
11/23/2015 14:28	0.0434	0.004	
11/23/2015 14:27	0.0423	0.0042	
11/23/2015 14:26	0.0408	0.0044	
11/23/2015 14:25	0.0385	0.0045	
11/23/2015 14:24	0.038	0.0033	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 14:23	0.0375	0.003	
11/23/2015 14:22	0.066	0.003	
11/23/2015 14:08	0.0925		
11/23/2015 14:07	0.0925	0.0034	
11/23/2015 14:06	0.0922	0.0035	
11/23/2015 14:05	0.092	0.0035	
11/23/2015 14:04	0.0919	0.0036	
11/23/2015 14:03	0.0917	0.0037	
11/23/2015 14:02	0.0912	0.0037	
11/23/2015 14:01	0.0909	0.0038	
11/23/2015 14:00	0.0903	0.0037	
11/23/2015 13:59	0.0899	0.0037	
11/23/2015 13:58	0.0895	0.0037	
11/23/2015 13:57	0.0892	0.0037	
11/23/2015 13:56	0.0891	0.0037	
11/23/2015 13:55	0.0885	0.0036	
11/23/2015 13:54	0.0882	0.0035	
11/23/2015 13:53	0.0881	0.0036	
11/23/2015 13:52	0.0876	0.0035	
11/23/2015 13:51	0.0875	0.0035	
11/23/2015 13:50	0.0872	0.0034	
11/23/2015 13:49	0.0868	0.0033	
11/23/2015 13:48	0.0863	0.0033	
11/23/2015 13:47	0.0862	0.0032	
11/23/2015 13:46	0.0859	0.0031	
11/23/2015 13:45	0.0861	0.0031	
11/23/2015 13:44	0.0859	0.0031	
11/23/2015 13:43	0.0857	0.0031	
11/23/2015 13:42	0.0854	0.0032	
11/23/2015 13:41	0.0851	0.0031	
11/23/2015 13:40	0.0851	0.0031	
11/23/2015 13:39	0.085	0.0031	
11/23/2015 13:38	0.0851	0.0031	
11/23/2015 13:37	0.0851	0.0031	
11/23/2015 13:36	0.0851	0.0031	
11/23/2015 13:35	0.0852	0.0031	
11/23/2015 13:34	0.0855	0.0031	
11/23/2015 13:33	0.0857	0.0031	
11/23/2015 13:32	0.0858	0.0031	
11/23/2015 13:31	0.0861	0.0031	
11/23/2015 13:30	0.0863	0.0033	
11/23/2015 13:29	0.0867	0.0033	
11/23/2015 13:28	0.087	0.0034	
11/23/2015 13:27	0.0873	0.0033	
11/23/2015 13:26	0.0876	0.0034	
11/23/2015 13:25	0.0878	0.0035	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 13:24	0.0881	0.0035	
11/23/2015 13:23	0.0882	0.0035	
11/23/2015 13:22	0.0885	0.0035	
11/23/2015 13:21	0.089	0.0035	
11/23/2015 13:20	0.0893	0.0035	
11/23/2015 13:19	0.0896	0.0035	
11/23/2015 13:18	0.0899	0.0035	
11/23/2015 13:17	0.0903	0.0035	
11/23/2015 13:16	0.0907	0.0035	
11/23/2015 13:15	0.0911	0.0033	
11/23/2015 13:14	0.0916	0.0033	
11/23/2015 13:13	0.0917	0.0032	
11/23/2015 13:12	0.0919	0.0032	
11/23/2015 13:11	0.0917	0.0031	
11/23/2015 13:10	0.0917	0.0031	
11/23/2015 13:09	0.0918	0.0031	
11/23/2015 13:08	0.0917	0.0031	
11/23/2015 13:07	0.0915	0.003	
11/23/2015 13:06	0.0914	0.003	
11/23/2015 13:05	0.0913	0.003	
11/23/2015 13:04	0.0913	0.0031	
11/23/2015 13:03	0.0913	0.0031	
11/23/2015 13:02	0.0912	0.0031	
11/23/2015 13:01	0.0911	0.0031	
11/23/2015 13:00	0.0909	0.0031	
11/23/2015 12:59	0.091	0.0032	
11/23/2015 12:58	0.0913	0.0032	
11/23/2015 12:57	0.0913	0.0032	
11/23/2015 12:56	0.0917	0.0032	
11/23/2015 12:55	0.0919	0.0032	
11/23/2015 12:54	0.092	0.0032	
11/23/2015 12:53	0.0921	0.0032	
11/23/2015 12:52	0.0923	0.0032	
11/23/2015 12:51	0.0925	0.0032	
11/23/2015 12:50	0.0928	0.0032	
11/23/2015 12:49	0.0927	0.0031	
11/23/2015 12:48	0.0929	0.0031	
11/23/2015 12:47	0.0931	0.0031	
11/23/2015 12:46	0.0933	0.0032	
11/23/2015 12:45	0.0933	0.0031	
11/23/2015 12:44	0.0931	0.0031	
11/23/2015 12:43	0.0929	0.0031	
11/23/2015 12:42	0.0927	0.0031	
11/23/2015 12:41	0.0929	0.0031	
11/23/2015 12:40	0.0931	0.0032	
11/23/2015 12:39	0.0931	0.0033	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 12:38	0.0933	0.0033	
11/23/2015 12:37	0.0931	0.0034	
11/23/2015 12:36	0.0931	0.0034	
11/23/2015 12:35	0.0929	0.0035	
11/23/2015 12:34	0.093	0.0035	
11/23/2015 12:33	0.0929	0.0035	
11/23/2015 12:32	0.0929	0.0035	
11/23/2015 12:31	0.0927	0.0034	
11/23/2015 12:30	0.0928	0.0034	
11/23/2015 12:29	0.0927	0.0035	
11/23/2015 12:28	0.0928	0.0035	
11/23/2015 12:27	0.0933	0.0035	
11/23/2015 12:26	0.0929	0.0037	
11/23/2015 12:25	0.0927	0.0037	
11/23/2015 12:24	0.0928	0.0037	
11/23/2015 12:23	0.0925	0.0037	
11/23/2015 12:22	0.0926	0.0036	
11/23/2015 12:21	0.0927	0.0036	
11/23/2015 12:20	0.0927	0.0036	
11/23/2015 12:19	0.0924	0.0036	
11/23/2015 12:18	0.0923	0.0037	
11/23/2015 12:17	0.0921	0.0037	
11/23/2015 12:16	0.0919	0.0038	
11/23/2015 12:15	0.0916	0.0039	
11/23/2015 12:14	0.0917	0.0039	
11/23/2015 12:13	0.0917	0.0039	
11/23/2015 12:12	0.0913	0.0039	
11/23/2015 12:11	0.0913	0.0038	
11/23/2015 12:10	0.0911	0.0038	
11/23/2015 12:09	0.0909	0.0038	
11/23/2015 12:08	0.091	0.0038	
11/23/2015 12:07	0.0908	0.0039	
11/23/2015 12:06	0.0905	0.0039	
11/23/2015 12:05	0.0901	0.0039	
11/23/2015 12:04	0.09	0.004	
11/23/2015 12:03	0.0898	0.004	
11/23/2015 12:02	0.0895	0.004	
11/23/2015 12:01	0.0895	0.004	
11/23/2015 12:00	0.0893	0.004	
11/23/2015 11:59	0.0888	0.0041	
11/23/2015 11:58	0.0881	0.0041	
11/23/2015 11:57	0.0879	0.0041	
11/23/2015 11:56	0.0875	0.0041	
11/23/2015 11:55	0.0873	0.0042	
11/23/2015 11:54	0.0871	0.0043	
11/23/2015 11:53	0.0869	0.0043	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 11:52	0.0867	0.0043	
11/23/2015 11:51	0.0866	0.0043	
11/23/2015 11:50	0.0865	0.0043	
11/23/2015 11:49	0.0863	0.0043	
11/23/2015 11:48	0.0861	0.0043	
11/23/2015 11:47	0.0861	0.0043	
11/23/2015 11:46	0.0859	0.0043	
11/23/2015 11:45	0.0858	0.0043	
11/23/2015 11:44	0.0859	0.0043	
11/23/2015 11:43	0.0857	0.0043	
11/23/2015 11:42	0.0857	0.0043	
11/23/2015 11:41	0.0855	0.0043	
11/23/2015 11:40	0.0855	0.0043	
11/23/2015 11:39	0.0851	0.0043	
11/23/2015 11:38	0.0847	0.0043	
11/23/2015 11:37	0.0846	0.0043	
11/23/2015 11:36	0.0842	0.0043	
11/23/2015 11:35	0.0839	0.0043	
11/23/2015 11:34	0.0837	0.0043	
11/23/2015 11:33	0.0837	0.0044	
11/23/2015 11:32	0.0834	0.0044	
11/23/2015 11:31	0.0834	0.0044	
11/23/2015 11:30	0.0831	0.0045	
11/23/2015 11:29	0.0827	0.0045	
11/23/2015 11:28	0.0825	0.0045	
11/23/2015 11:27	0.0825	0.0045	
11/23/2015 11:26	0.0823	0.0044	
11/23/2015 11:25	0.0821	0.0043	
11/23/2015 11:24	0.082	0.0043	
11/23/2015 11:23	0.0819	0.0043	
11/23/2015 11:22	0.0817	0.0043	
11/23/2015 11:21	0.0817	0.0043	
11/23/2015 11:20	0.0817	0.0043	
11/23/2015 11:19	0.0816	0.0043	
11/23/2015 11:18	0.0814	0.0042	
11/23/2015 11:17	0.0813	0.0042	
11/23/2015 11:16	0.081	0.0042	
11/23/2015 11:15	0.0809	0.0041	
11/23/2015 11:14	0.0807	0.0041	
11/23/2015 11:13	0.0807	0.0041	
11/23/2015 11:12	0.0805	0.0041	
11/23/2015 11:11	0.0803	0.004	
11/23/2015 11:10	0.0803	0.004	
11/23/2015 11:09	0.0803	0.004	
11/23/2015 11:08	0.0803	0.0039	
11/23/2015 11:07	0.0802	0.0039	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 11:06	0.0801	0.0038	
11/23/2015 11:05	0.08	0.0037	
11/23/2015 11:04	0.0799	0.0037	
11/23/2015 11:03	0.08	0.0035	
11/23/2015 11:02	0.08	0.0035	
11/23/2015 11:01	0.0799	0.0034	
11/23/2015 11:00	0.08	0.0033	
11/23/2015 10:59	0.0803	0.0033	
11/23/2015 10:58	0.0805	0.0032	
11/23/2015 10:57	0.0807	0.0031	
11/23/2015 10:56	0.0811	0.0031	
11/23/2015 10:55	0.0813	0.0031	
11/23/2015 10:54	0.0811	0.003	
11/23/2015 10:53	0.0813	0.003	
11/23/2015 10:52	0.0812	0.003	
11/23/2015 10:51	0.0813	0.003	
11/23/2015 10:50	0.0815	0.003	
11/23/2015 10:49	0.0815	0.0031	
11/23/2015 10:48	0.0816	0.0031	
11/23/2015 10:47	0.0815	0.0031	
11/23/2015 10:46	0.0817	0.0032	
11/23/2015 10:45	0.0817	0.0033	
11/23/2015 10:44	0.0815	0.0033	
11/23/2015 10:43	0.0813	0.0035	
11/23/2015 10:42	0.0813	0.0035	
11/23/2015 10:41	0.0807	0.0036	
11/23/2015 10:40	0.0805	0.0037	
11/23/2015 10:39	0.0804	0.0037	
11/23/2015 10:38	0.0803	0.0038	
11/23/2015 10:37	0.0802	0.0039	
11/23/2015 10:36	0.0799	0.004	
11/23/2015 10:35	0.0797	0.0043	
11/23/2015 10:34	0.0795	0.0047	
11/23/2015 10:33	0.079	0.0049	
11/23/2015 10:32	0.0787	0.0051	
11/23/2015 10:31	0.0784	0.0051	
11/23/2015 10:30	0.0787	0.0051	
11/23/2015 10:29	0.0785	0.0051	
11/23/2015 10:28	0.0784	0.0051	
11/23/2015 10:27	0.0784	0.0051	
11/23/2015 10:26	0.0783	0.0051	
11/23/2015 10:25	0.0782	0.0051	
11/23/2015 10:24	0.0783	0.0052	
11/23/2015 10:23	0.0781	0.0052	
11/23/2015 10:22	0.078	0.0051	
11/23/2015 10:21	0.0779	0.0051	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 10:20	0.0775	0.0049	
11/23/2015 10:19	0.0772	0.0045	
11/23/2015 10:18	0.0771	0.0044	
11/23/2015 10:17	0.0768	0.0043	
11/23/2015 10:16	0.0767		
11/23/2015 10:15	0.0761	0.0044	
11/23/2015 10:14	0.0758	0.0045	
11/23/2015 10:13	0.0754	0.0045	
11/23/2015 10:12	0.0751	0.0046	
11/23/2015 10:11	0.0747	0.0047	
11/23/2015 10:10	0.0744	0.0047	
11/23/2015 10:09	0.0738	0.0047	
11/23/2015 10:08	0.0734	0.0048	
11/23/2015 10:07	0.0728	0.0049	
11/23/2015 10:06	0.0723	0.0049	
11/23/2015 10:05	0.072	0.0051	
11/23/2015 10:04	0.0716	0.0051	
11/23/2015 10:03	0.0711	0.0052	
11/23/2015 10:02	0.0709	0.0053	
11/23/2015 10:01	0.0704	0.0055	
11/23/2015 10:00	0.0697	0.0055	
11/23/2015 9:59	0.0692	0.0057	
11/23/2015 9:58	0.0688	0.0058	
11/23/2015 9:57	0.0682	0.0059	
11/23/2015 9:56	0.0676	0.0061	
11/23/2015 9:55	0.067	0.0061	
11/23/2015 9:54	0.0666	0.0063	
11/23/2015 9:53	0.0659	0.0064	
11/23/2015 9:52	0.0657	0.0065	
11/23/2015 9:51	0.0653	0.0067	
11/23/2015 9:50	0.0648	0.0067	
11/23/2015 9:49	0.0643	0.0069	
11/23/2015 9:48	0.0639	0.0069	
11/23/2015 9:47	0.0633	0.007	
11/23/2015 9:46	0.0628	0.0069	
11/23/2015 9:45	0.0624	0.0071	
11/23/2015 9:44	0.0619	0.0071	
11/23/2015 9:43	0.0611	0.0072	
11/23/2015 9:42	0.0605	0.0073	
11/23/2015 9:41	0.0599	0.0073	
11/23/2015 9:40	0.0594	0.0074	
11/23/2015 9:39	0.0587	0.0075	
11/23/2015 9:38	0.0581	0.0075	
11/23/2015 9:37	0.0575	0.0076	
11/23/2015 9:36	0.057	0.0077	
11/23/2015 9:35	0.0564	0.0077	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 9:34	0.0559	0.0079	
11/23/2015 9:33	0.0553	0.0079	
11/23/2015 9:32	0.0547	0.008	
11/23/2015 9:31	0.0541	0.0081	
11/23/2015 9:30	0.0533	0.0081	
11/23/2015 9:29	0.0527	0.0081	
11/23/2015 9:28	0.0523	0.0081	
11/23/2015 9:27	0.0518	0.0081	
11/23/2015 9:26	0.0512	0.0081	
11/23/2015 9:25	0.0505	0.0081	
11/23/2015 9:24	0.0499	0.0081	
11/23/2015 9:23	0.0493	0.0081	
11/23/2015 9:22	0.0487	0.0081	
11/23/2015 9:21	0.0479	0.0082	
11/23/2015 9:20	0.0472	0.0083	
11/23/2015 9:19	0.0465	0.0082	
11/23/2015 9:18	0.0459	0.0082	
11/23/2015 9:17	0.0453	0.0082	
11/23/2015 9:16	0.0445	0.0082	
11/23/2015 9:15	0.0438	0.0082	
11/23/2015 9:14	0.0429	0.0082	
11/23/2015 9:13	0.0421	0.0082	
11/23/2015 9:12	0.0414	0.0082	
11/23/2015 9:11	0.0407	0.0082	
11/23/2015 9:10	0.04	0.0081	
11/23/2015 9:09	0.0393	0.0081	
11/23/2015 9:08	0.0383	0.0081	
11/23/2015 9:07	0.0375	0.0082	
11/23/2015 9:06	0.0368	0.0081	
11/23/2015 9:05	0.036	0.0081	
11/23/2015 9:04	0.0352	0.0082	
11/23/2015 9:03	0.0342	0.0083	
11/23/2015 9:02	0.0333	0.0083	
11/23/2015 9:01	0.0324	0.0084	
11/23/2015 9:00	0.0315	0.0085	
11/23/2015 8:59	0.0307	0.0087	
11/23/2015 8:58	0.0297	0.0089	
11/23/2015 8:57	0.0285	0.009	
11/23/2015 8:56	0.0275	0.0091	
11/23/2015 8:55	0.0265	0.0093	
11/23/2015 8:54	0.0256	0.0093	
11/23/2015 8:53	0.0246	0.0094	
11/23/2015 8:52	0.0234	0.0094	
11/23/2015 8:51	0.0223	0.0095	
11/23/2015 8:50	0.0213	0.0097	
11/23/2015 8:49	0.0203	0.0099	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 8:48	0.0191	0.0099	
11/23/2015 8:47	0.0179	0.01	
11/23/2015 8:46	0.0167	0.01	
11/23/2015 8:45	0.0156	0.01	
11/23/2015 8:44	0.0143	0.0099	
11/23/2015 8:43	0.0133	0.0097	
11/23/2015 8:42	0.0121	0.0097	
11/23/2015 8:41	0.0109	0.0097	
11/23/2015 8:40	0.0097	0.0099	
11/23/2015 8:39	0.0085	0.0099	
11/23/2015 8:38	0.0074	0.0099	
11/23/2015 8:37	0.0064	0.01	
11/23/2015 8:36	0.0054	0.01	
11/23/2015 8:35	0.0045	0.0099	
11/23/2015 8:34	0.0035	0.0103	
11/23/2015 8:33	0.0029	0.0107	
11/23/2015 8:32	0.0022	0.0107	
11/23/2015 8:31	0.0017	0.0107	
11/23/2015 8:30	0.0012	0.0108	
11/23/2015 8:29	0.0009	0.0109	
11/23/2015 8:28	0.0005	0.011	
11/23/2015 8:27	0.0003	0.011	
11/23/2015 8:26	0.0001	0.0109	
11/23/2015 8:25	0	0.0109	
11/23/2015 8:24	0	0.011	
11/23/2015 8:23	0	0.0114	
11/23/2015 8:22	0	0.0113	
11/23/2015 8:21	0	0.0111	
11/23/2015 8:20	0	0.011	
11/23/2015 8:19	0	0.0104	
11/23/2015 8:18	0	0.0101	
11/23/2015 8:17	0	0.01	
11/23/2015 8:16	0	0.0099	
11/23/2015 8:15	0	0.0097	
11/23/2015 8:14	0	0.0095	
11/23/2015 8:13	0	0.0094	
11/23/2015 8:12	0	0.0093	
11/23/2015 8:11	0	0.0092	
11/23/2015 8:10	0	0.0094	
11/23/2015 8:09	0	0.0093	
11/23/2015 8:08	0	0.0088	
11/23/2015 8:07	0	0.0087	
11/23/2015 8:06	0	0.0088	
11/23/2015 8:05	0	0.0087	
11/23/2015 8:04	0	0.0087	
11/23/2015 8:03	0	0.0086	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 8:02	0	0.0085	
11/23/2015 8:01	0	0.0085	
11/23/2015 8:00	0	0.0086	
11/23/2015 7:59	0	0.0086	
11/23/2015 7:58	0	0.0087	
11/23/2015 7:57	0	0.0088	
11/23/2015 7:56	0	0.0088	
11/23/2015 7:55	0	0.0083	
11/23/2015 7:54	0	0.0082	
11/23/2015 7:53	0	0.0083	
11/23/2015 7:52	0	0.0083	
11/23/2015 7:51	0	0.0082	
11/23/2015 7:50	0	0.0082	
11/23/2015 7:49	0	0.0083	
11/23/2015 7:48	0	0.0083	
11/23/2015 7:47	0	0.0085	
11/23/2015 7:46	0	0.009	
11/21/2015 15:59	0.0799		
11/21/2015 15:58	0.0798	0.0047	
11/21/2015 15:57	0.0799	0.005	
11/21/2015 15:56	0.0798	0.0051	
11/21/2015 15:55	0.0797	0.0051	
11/21/2015 15:54	0.0796	0.0051	
11/21/2015 15:53	0.0796	0.0052	
11/21/2015 15:52	0.0795	0.0052	
11/21/2015 15:51	0.0795		
11/21/2015 15:50	0.0796	0.0053	
11/21/2015 15:49	0.0795	0.0053	
11/21/2015 15:48	0.0794	0.0053	
11/21/2015 15:47	0.0792	0.0054	
11/21/2015 15:46	0.0791	0.0055	
11/21/2015 15:45	0.0788	0.0055	
11/21/2015 15:44	0.0787	0.0057	
11/21/2015 15:43	0.0785	0.0057	
11/21/2015 15:42	0.0782	0.0059	
11/21/2015 15:41	0.078	0.0067	
11/21/2015 15:40	0.0779	0.0095	
11/21/2015 15:39	0.0779	0.0103	
11/21/2015 15:38	0.0779	0.0107	
11/21/2015 15:37	0.0779	0.0111	
11/21/2015 15:36	0.0777	0.0116	
11/21/2015 15:35	0.0775	0.0118	
11/21/2015 15:34	0.0775	0.0128	
11/21/2015 15:33	0.0773	0.0295	
11/21/2015 15:32	0.0774	0.053	
11/21/2015 15:31	0.0773	0.0589	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 15:30	0.0776	0.0688	
11/21/2015 15:29	0.0777	0.0689	
11/21/2015 15:28	0.0776	0.0696	
11/21/2015 15:27	0.0776	0.0699	
11/21/2015 15:26	0.0775	0.0695	
11/21/2015 15:25	0.0774	0.0669	
11/21/2015 15:24	0.0774	0.0661	
11/21/2015 15:23	0.0772	0.0658	
11/21/2015 15:22	0.0769	0.0656	
11/21/2015 15:21	0.0768	0.0652	
11/21/2015 15:20	0.0769	0.0651	
11/21/2015 15:19	0.0769	0.0645	
11/21/2015 15:18	0.077	0.0478	
11/21/2015 15:17	0.0773	0.0245	
11/21/2015 15:16	0.0774	0.0188	
11/21/2015 15:15	0.0773	0.0089	
11/21/2015 15:14	0.0771	0.0088	
11/21/2015 15:13	0.0772	0.0081	
11/21/2015 15:12	0.0771	0.0075	
11/21/2015 15:11	0.0773	0.0071	
11/21/2015 15:10	0.0771	0.0071	
11/21/2015 15:09	0.0771	0.0074	
11/21/2015 15:08	0.0771	0.0074	
11/21/2015 15:07	0.077	0.0074	
11/21/2015 15:06	0.0769	0.0073	
11/21/2015 15:05	0.0769	0.0073	
11/21/2015 15:04	0.0769	0.007	
11/21/2015 15:03	0.0767	0.007	
11/21/2015 15:02	0.0763	0.0071	
11/21/2015 15:01	0.0761	0.007	
11/21/2015 15:00	0.0759		
11/21/2015 14:59	0.0758	0.007	
11/21/2015 14:58	0.0757	0.007	
11/21/2015 14:57	0.0759	0.007	
11/21/2015 14:56	0.0756	0.0071	
11/21/2015 14:55	0.0757	0.007	
11/21/2015 14:54	0.0753	0.0068	
11/21/2015 14:53	0.0751	0.0066	
11/21/2015 14:52	0.075	0.0066	
11/21/2015 14:51	0.0749	0.0067	
11/21/2015 14:50	0.0747	0.0067	
11/21/2015 14:49	0.0747	0.0068	
11/21/2015 14:48	0.0745	0.0067	
11/21/2015 14:47	0.0744	0.0064	
11/21/2015 14:46	0.0744	0.0064	
11/21/2015 14:45	0.0743	0.0066	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 14:44	0.0741	0.0066	
11/21/2015 14:43	0.0741		
11/21/2015 14:42	0.0737		
11/21/2015 14:41	0.0737	0.0069	
11/21/2015 14:40	0.0735		
11/21/2015 14:39	0.0736		
11/21/2015 14:38	0.0735	0.0072	
11/21/2015 14:37	0.0736		
11/21/2015 14:36	0.0736		
11/21/2015 14:35	0.0735		
11/21/2015 14:34	0.0731		
11/21/2015 14:33	0.0735	0.0072	
11/21/2015 14:32	0.0732	0.0072	
11/21/2015 14:31	0.0731	0.0072	
11/21/2015 14:30	0.0731	0.0072	
11/21/2015 14:29	0.0731		
11/21/2015 14:28	0.0729	0.0071	
11/21/2015 14:27	0.0727	0.007	
11/21/2015 14:26	0.0726	0.0069	
11/21/2015 14:25	0.0725	0.0067	
11/21/2015 14:24	0.0723	0.0067	
11/21/2015 14:23	0.0723		
11/21/2015 14:22	0.0721	0.0067	
11/21/2015 14:21	0.0718	0.0068	
11/21/2015 14:20	0.0715	0.0068	
11/21/2015 14:19	0.0715	0.0068	
11/21/2015 14:18	0.0712	0.0067	
11/21/2015 14:17	0.0713	0.0068	
11/21/2015 14:16	0.0711	0.0068	
11/21/2015 14:15	0.0711	0.0068	
11/21/2015 14:14	0.0709	0.0069	
11/21/2015 14:13	0.0709	0.007	
11/21/2015 14:12	0.0709	0.0071	
11/21/2015 14:11	0.071	0.0071	
11/21/2015 14:10	0.071	0.0071	
11/21/2015 14:09	0.0709		
11/21/2015 14:08	0.0708		
11/21/2015 14:07	0.0707	0.0069	
11/21/2015 14:06	0.0707	0.0069	
11/21/2015 14:05	0.0708	0.0069	
11/21/2015 14:04	0.0705	0.0069	
11/21/2015 14:03	0.0705	0.0069	
11/21/2015 14:02	0.0705	0.0069	
11/21/2015 14:01	0.0703	0.0068	
11/21/2015 14:00	0.0702	0.0067	
11/21/2015 13:59	0.0701	0.0067	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 13:58	0.0699	0.0067	
11/21/2015 13:57	0.0697	0.0067	
11/21/2015 13:56	0.0695	0.0066	
11/21/2015 13:55	0.0693	0.0066	
11/21/2015 13:54	0.0693	0.0066	
11/21/2015 13:53	0.069	0.0066	
11/21/2015 13:52	0.069	0.0067	
11/21/2015 13:51	0.0689	0.0066	
11/21/2015 13:50	0.0687	0.0066	
11/21/2015 13:49	0.0688	0.0065	
11/21/2015 13:48	0.0685	0.0064	
11/21/2015 13:47	0.0682	0.0064	
11/21/2015 13:46	0.068	0.0064	
11/21/2015 13:45	0.0676	0.0065	
11/21/2015 13:44	0.0674	0.0065	
11/21/2015 13:43	0.0675	0.0065	
11/21/2015 13:42	0.0673	0.0065	
11/21/2015 13:41	0.0671	0.0065	
11/21/2015 13:40	0.0669	0.0065	
11/21/2015 13:39	0.0667	0.0064	
11/21/2015 13:38	0.0666	0.0065	
11/21/2015 13:37	0.0663	0.0065	
11/21/2015 13:36	0.0661	0.0065	
11/21/2015 13:35	0.0657	0.0067	
11/21/2015 13:34	0.0654	0.0067	
11/21/2015 13:33	0.065	0.0067	
11/21/2015 13:32	0.0647	0.0067	
11/21/2015 13:31	0.0645	0.0068	
11/21/2015 13:30	0.0643	0.0068	
11/21/2015 13:29	0.0643	0.0068	
11/21/2015 13:28	0.0637	0.0068	
11/21/2015 13:27	0.0632	0.0068	
11/21/2015 13:26	0.0627	0.0069	
11/21/2015 13:25	0.0622	0.0069	
11/21/2015 13:24	0.0619	0.007	
11/21/2015 13:23	0.0616	0.0069	
11/21/2015 13:22	0.0612	0.007	
11/21/2015 13:21	0.0607	0.007	
11/21/2015 13:20	0.0604	0.0069	
11/21/2015 13:19	0.0599	0.0069	
11/21/2015 13:18	0.0595	0.007	
11/21/2015 13:17	0.0589	0.0069	
11/21/2015 13:16	0.0585	0.0069	
11/21/2015 13:15	0.0578	0.007	
11/21/2015 13:14	0.0571	0.0071	
11/21/2015 13:13	0.0569	0.0072	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 13:12	0.0565	0.0073	
11/21/2015 13:11	0.0565	0.0073	
11/21/2015 13:10	0.0562	0.0072	
11/21/2015 13:09	0.0557	0.0072	
11/21/2015 13:08	0.0554	0.0073	
11/21/2015 13:07	0.0553	0.0072	
11/21/2015 13:06	0.0551	0.0072	
11/21/2015 13:05	0.055	0.0073	
11/21/2015 13:04	0.0547	0.0073	
11/21/2015 13:03	0.0545	0.0073	
11/21/2015 13:02	0.0544	0.0073	
11/21/2015 13:01	0.0542	0.0073	
11/21/2015 13:00	0.0541	0.0073	
11/21/2015 12:59	0.054	0.0071	
11/21/2015 12:58	0.0533	0.0071	
11/21/2015 12:57	0.0531	0.0071	
11/21/2015 12:56	0.0527	0.0071	
11/21/2015 12:55	0.0521	0.0073	
11/21/2015 12:54	0.0517	0.0073	
11/21/2015 12:53	0.0511	0.0073	
11/21/2015 12:52	0.0503	0.0073	
11/21/2015 12:51	0.0499	0.0074	
11/21/2015 12:50	0.0491	0.0075	
11/21/2015 12:49	0.0485	0.0075	
11/21/2015 12:48	0.0481	0.0075	
11/21/2015 12:47	0.0475	0.0076	
11/21/2015 12:46	0.047	0.0076	
11/21/2015 12:45	0.0466	0.0076	
11/21/2015 12:44	0.046	0.0077	
11/21/2015 12:43	0.0461	0.0076	
11/21/2015 12:42	0.0457	0.0075	
11/21/2015 12:41	0.0453	0.0075	
11/21/2015 12:40	0.0452	0.0075	
11/21/2015 12:39	0.045	0.0075	
11/21/2015 12:38	0.0449	0.0074	
11/21/2015 12:37	0.0449	0.0073	
11/21/2015 12:36	0.0445	0.0073	
11/21/2015 12:35	0.0445	0.0072	
11/21/2015 12:34	0.0444	0.0072	
11/21/2015 12:33	0.0443	0.0073	
11/21/2015 12:32	0.0443	0.0071	
11/21/2015 12:31	0.044	0.0071	
11/21/2015 12:30	0.0437	0.0072	
11/21/2015 12:29	0.0435	0.0071	
11/21/2015 12:28	0.0431	0.0071	
11/21/2015 12:27	0.0425	0.0072	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 12:26	0.042	0.0072	
11/21/2015 12:25	0.0413	0.0072	
11/21/2015 12:24	0.0405	0.0073	
11/21/2015 12:23	0.0403	0.0075	
11/21/2015 12:22	0.0395	0.0075	
11/21/2015 12:21	0.0389	0.0077	
11/21/2015 12:20	0.0383	0.0077	
11/21/2015 12:19	0.0376	0.0078	
11/21/2015 12:18	0.0367	0.0079	
11/21/2015 12:17	0.0357	0.0079	
11/21/2015 12:16	0.0351	0.0081	
11/21/2015 12:15	0.0344	0.0081	
11/21/2015 12:14	0.0338	0.0082	
11/21/2015 12:13	0.0328	0.0083	
11/21/2015 12:12	0.0323	0.0083	
11/21/2015 12:11	0.0319	0.0083	
11/21/2015 12:10	0.0315	0.0083	
11/21/2015 12:09	0.0311	0.0083	
11/21/2015 12:08	0.0305	0.0082	
11/21/2015 12:07	0.0301	0.0082	
11/21/2015 12:06	0.0298	0.0081	
11/21/2015 12:05	0.0295	0.008	
11/21/2015 12:04	0.0293	0.008	
11/21/2015 12:03	0.0291	0.0079	
11/21/2015 12:02	0.0291	0.0079	
11/21/2015 12:01	0.029	0.0078	
11/21/2015 12:00	0.0289	0.0078	
11/21/2015 11:59	0.0288	0.0078	
11/21/2015 11:58	0.0292	0.0079	
11/21/2015 11:57	0.0295	0.0078	
11/21/2015 11:56	0.0295	0.0077	
11/21/2015 11:55	0.0297	0.0078	
11/21/2015 11:54	0.0299	0.0078	
11/21/2015 11:53	0.0302	0.0079	
11/21/2015 11:52	0.0306	0.0081	
11/21/2015 11:51	0.0309	0.0083	
11/21/2015 11:50	0.0314	0.0083	
11/21/2015 11:49	0.0317	0.0083	
11/21/2015 11:48	0.0321	0.0083	
11/21/2015 11:47	0.0323	0.0083	
11/21/2015 11:46	0.0325	0.0114	
11/21/2015 11:45	0.0328	0.0114	
11/21/2015 11:44	0.0329	0.0113	
11/21/2015 11:43	0.033	0.0113	
11/21/2015 11:42	0.0329	0.0113	
11/21/2015 11:41	0.033	0.0115	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 11:40	0.0331	0.0115	
11/21/2015 11:39	0.0331	0.0115	
11/21/2015 11:38	0.033	0.0115	
11/21/2015 11:37	0.0329	0.0113	
11/21/2015 11:36	0.0328	0.0114	
11/21/2015 11:35	0.0326	0.0117	
11/21/2015 11:34	0.0326	0.012	
11/21/2015 11:33	0.0324	0.0124	
11/21/2015 11:32	0.0323	0.0128	
11/21/2015 11:31	0.0322	0.0082	
11/21/2015 11:30	0.0323	0.0083	
11/21/2015 11:29	0.0324	0.0083	
11/21/2015 11:28	0.0323	0.0083	
11/21/2015 11:27	0.0328	0.0084	
11/21/2015 11:26	0.0325	0.0083	
11/21/2015 11:25	0.0327	0.0083	
11/21/2015 11:24	0.033	0.0085	
11/21/2015 11:23	0.033	0.008	
11/20/2015 15:20		0.0031	
11/20/2015 15:19		0.0031	
11/20/2015 15:18		0.0031	
11/20/2015 15:17		0.0031	
11/20/2015 15:16		0.0031	
11/20/2015 15:15		0.0031	
11/20/2015 15:14		0.0031	
11/20/2015 15:13		0.003	
11/20/2015 15:12		0.003	
11/20/2015 15:11		0.003	
11/20/2015 15:10		0.0029	
11/20/2015 15:09		0.0029	
11/20/2015 15:08		0.0029	
11/20/2015 15:07		0.0029	
11/20/2015 15:06		0.0029	
11/20/2015 15:05		0.0029	
11/20/2015 15:04		0.0029	
11/20/2015 15:03		0.0029	
11/20/2015 15:02		0.0029	
11/20/2015 15:01		0.0029	
11/20/2015 15:00		0.0029	
11/20/2015 14:59		0.0029	
11/20/2015 14:58		0.0029	
11/20/2015 14:57		0.0029	
11/20/2015 14:56		0.0029	
11/20/2015 14:55		0.0029	
11/20/2015 14:54		0.0029	
11/20/2015 14:53		0.0028	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 14:52		0.0027	
11/20/2015 14:51		0.0027	
11/20/2015 14:50		0.0027	
11/20/2015 14:49		0.0027	
11/20/2015 14:48		0.0027	
11/20/2015 14:47		0.0027	
11/20/2015 14:46		0.0027	
11/20/2015 14:45		0.0026	
11/20/2015 14:44		0.0026	
11/20/2015 14:43		0.0027	
11/20/2015 14:42		0.0027	
11/20/2015 14:41		0.0026	
11/20/2015 14:40		0.0026	
11/20/2015 14:39		0.0027	
11/20/2015 14:38		0.0027	
11/20/2015 14:37		0.0027	
11/20/2015 14:36		0.0027	
11/20/2015 14:35		0.0027	
11/20/2015 14:34		0.0027	
11/20/2015 14:33		0.0027	
11/20/2015 14:32		0.0027	
11/20/2015 14:31		0.0027	
11/20/2015 14:30		0.0027	
11/20/2015 14:29		0.0027	
11/20/2015 14:28		0.0026	
11/20/2015 14:27		0.0025	
11/20/2015 14:26		0.0026	
11/20/2015 14:25		0.0026	
11/20/2015 14:24		0.0025	
11/20/2015 14:23		0.0025	
11/20/2015 14:22		0.0025	
11/20/2015 14:21		0.0025	
11/20/2015 14:20		0.0025	
11/20/2015 14:19		0.0025	
11/20/2015 14:18		0.0025	
11/20/2015 14:17		0.0024	
11/20/2015 14:16		0.0023	
11/20/2015 14:15		0.0024	
11/20/2015 14:14		0.0023	
11/20/2015 14:13		0.0023	
11/20/2015 14:12		0.0023	
11/20/2015 14:11		0.0023	
11/20/2015 14:10		0.0022	
11/20/2015 14:09		0.0022	
11/20/2015 14:08		0.0021	
11/20/2015 14:07		0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 14:06		0.0021	
11/20/2015 14:05		0.0021	
11/20/2015 14:04		0.0021	
11/20/2015 14:03		0.0021	
11/20/2015 14:02		0.0021	
11/20/2015 14:01		0.0021	
11/20/2015 14:00		0.002	
11/20/2015 13:59		0.002	
11/20/2015 13:58		0.002	
11/20/2015 13:57		0.0027	
11/20/2015 13:56		0.0027	
11/20/2015 13:55		0.0027	
11/20/2015 13:54		0.0027	
11/20/2015 13:53		0.0027	
11/20/2015 13:52		0.0027	
11/20/2015 13:51		0.0027	
11/20/2015 13:50		0.0027	
11/20/2015 13:49		0.0027	
11/20/2015 13:48		0.0027	
11/20/2015 13:47		0.0027	
11/20/2015 13:46		0.0027	
11/20/2015 13:45		0.0027	
11/20/2015 13:44		0.0026	
11/20/2015 13:43		0.0026	
11/20/2015 13:42		0.0019	
11/20/2015 13:41		0.0019	
11/20/2015 13:40		0.0019	
11/20/2015 13:39		0.0019	
11/20/2015 13:38		0.0019	
11/20/2015 13:37		0.0019	
11/20/2015 13:36		0.0021	
11/20/2015 13:35		0.0021	
11/20/2015 13:34		0.0021	
11/20/2015 13:33		0.0021	
11/20/2015 13:32		0.0021	
11/20/2015 13:31		0.0022	
11/20/2015 13:30		0.0022	
11/20/2015 13:29		0.0023	
11/20/2015 13:28		0.0022	
11/20/2015 13:27		0.0021	
11/20/2015 13:26		0.0021	
11/20/2015 13:25		0.0021	
11/20/2015 13:24		0.0021	
11/20/2015 13:23		0.0021	
11/20/2015 13:22		0.0022	
11/20/2015 13:21		0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 13:20		0.002	
11/20/2015 13:19		0.0019	
11/20/2015 13:18		0.0019	
11/20/2015 13:17		0.0019	
11/20/2015 13:16		0.0019	
11/20/2015 13:15		0.0019	
11/20/2015 13:14		0.0019	
11/20/2015 13:13		0.002	
11/20/2015 13:12		0.002	
11/20/2015 13:11		0.0021	
11/20/2015 13:10		0.0021	
11/20/2015 13:09		0.0021	
11/20/2015 13:08		0.0022	
11/20/2015 13:07		0.002	
11/20/2015 13:06		0.002	
11/20/2015 13:05		0.002	
11/20/2015 13:04		0.002	
11/20/2015 13:03		0.002	
11/20/2015 13:02		0.002	
11/20/2015 13:01		0.002	
11/20/2015 13:00		0.002	
11/20/2015 12:59		0.002	
11/20/2015 12:58		0.002	
11/20/2015 12:57		0.002	
11/20/2015 12:44	0.0865	0.0021	
11/20/2015 12:43	0.0863	0.0021	
11/20/2015 12:42	0.0862	0.0021	
11/20/2015 12:41	0.0861	0.0021	
11/20/2015 12:40	0.0858	0.0021	
11/20/2015 12:39	0.0853	0.0021	
11/20/2015 12:38	0.0853	0.0021	
11/20/2015 12:37	0.0849	0.0022	
11/20/2015 12:36	0.0846	0.0024	
11/20/2015 12:35	0.0845	0.0031	
11/20/2015 12:34	0.0841	0.0049	
11/20/2015 12:33	0.0839	0.0056	
11/20/2015 12:32	0.0837	0.0131	
11/20/2015 12:31	0.0836	0.0132	
11/20/2015 12:30	0.0834	0.0134	
11/20/2015 12:29	0.0835	0.0135	
11/20/2015 12:28	0.0836	0.0135	
11/20/2015 12:27	0.0835	0.0136	
11/20/2015 12:26	0.0836	0.0136	
11/20/2015 12:25	0.0837	0.0136	
11/20/2015 12:24	0.0837	0.0136	
11/20/2015 12:23	0.083	0.0137	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 12:22	0.0829	0.0139	
11/20/2015 12:21	0.0831	0.0138	
11/20/2015 12:20	0.0831	0.0133	
11/20/2015 12:19	0.0836	0.0116	
11/20/2015 12:18	0.0842	0.0114	
11/20/2015 12:17	0.0847	0.004	
11/20/2015 12:16	0.085	0.0042	
11/20/2015 12:15	0.0855	0.0041	
11/20/2015 12:14	0.0857	0.0041	
11/20/2015 12:13	0.0861	0.0041	
11/20/2015 12:12	0.0863	0.004	
11/20/2015 12:11	0.0865	0.0041	
11/20/2015 12:10	0.0871	0.0055	
11/20/2015 12:09	0.0877	0.0055	
11/20/2015 12:08	0.0885	0.0054	
11/20/2015 12:07	0.089	0.0053	
11/20/2015 12:06	0.0891	0.0052	
11/20/2015 12:05	0.0895	0.0052	
11/20/2015 12:04	0.0893	0.0052	
11/20/2015 12:03	0.0892		
11/20/2015 12:02	0.0891	0.0048	
11/20/2015 12:01	0.0893	0.0045	
11/20/2015 12:00	0.0893	0.0045	
11/20/2015 11:59	0.0893	0.0044	
11/20/2015 11:58	0.0895	0.0044	
11/20/2015 11:57	0.0897	0.0044	
11/20/2015 11:56	0.0897	0.0047	
11/20/2015 11:55	0.0895	0.0033	
11/20/2015 11:54	0.0891	0.0032	
11/20/2015 11:53	0.0888	0.0032	
11/20/2015 11:52	0.0889	0.0032	
11/20/2015 11:51	0.089		
11/20/2015 11:50	0.089	0.0033	
11/20/2015 11:49	0.0889	0.0033	
11/20/2015 11:48	0.0888	0.0031	
11/20/2015 11:47	0.0885	0.0031	
11/20/2015 11:46	0.0885	0.0031	
11/20/2015 11:45	0.0883	0.0032	
11/20/2015 11:44	0.0881	0.0033	
11/20/2015 11:43	0.0879	0.0035	
11/20/2015 11:42	0.0879	0.0036	
11/20/2015 11:41	0.0879	0.0034	
11/20/2015 11:40	0.088	0.0034	
11/20/2015 11:39	0.0884	0.0035	
11/20/2015 11:38	0.0889	0.0035	
11/20/2015 11:37	0.0891	0.0036	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 11:36	0.0892	0.0035	
11/20/2015 11:35	0.0893	0.0035	
11/20/2015 11:34	0.0895	0.0035	
11/20/2015 11:33	0.0896	0.0035	
11/20/2015 11:32	0.09	0.0035	
11/20/2015 11:31	0.0899	0.0035	
11/20/2015 11:30	0.0901		
11/20/2015 11:29	0.0903	0.0034	
11/20/2015 11:28	0.0904	0.0032	
11/20/2015 11:27	0.0903	0.0032	
11/20/2015 11:26	0.0903	0.0034	
11/20/2015 11:25	0.0902	0.0035	
11/20/2015 11:24	0.0903	0.0047	
11/20/2015 11:23	0.0902	0.0047	
11/20/2015 11:22	0.09	0.0047	
11/20/2015 11:21	0.0899	0.0047	
11/20/2015 11:20	0.0896	0.0047	
11/20/2015 11:19	0.0895	0.0047	
11/20/2015 11:18	0.0892	0.0047	
11/20/2015 11:17	0.0887	0.0049	
11/20/2015 11:16	0.0887	0.0057	
11/20/2015 11:15	0.0884	0.0059	
11/20/2015 11:14	0.0889	0.0061	
11/20/2015 11:13	0.0885	0.0063	
11/20/2015 11:12	0.0886	0.0069	
11/20/2015 11:11	0.0885	0.0067	
11/20/2015 11:10	0.0884	0.0067	
11/20/2015 11:09	0.0882	0.0059	
11/20/2015 11:08	0.0881	0.0062	
11/20/2015 11:07	0.0881	0.0065	
11/20/2015 11:06	0.0879	0.0065	
11/20/2015 11:05	0.088	0.0066	
11/20/2015 11:04	0.0879	0.0067	
11/20/2015 11:03	0.0883	0.0069	
11/20/2015 11:02	0.0885	0.0068	
11/20/2015 11:01	0.0887	0.0063	
11/20/2015 11:00	0.0889	0.0061	
11/20/2015 10:59	0.0885	0.0061	
11/20/2015 10:58	0.0891	0.0059	
11/20/2015 10:57	0.0893	0.0053	
11/20/2015 10:56	0.0895	0.0053	
11/20/2015 10:55	0.09	0.0052	
11/20/2015 10:54	0.0901	0.0049	
11/20/2015 10:53	0.0904	0.0046	
11/20/2015 10:52	0.0906	0.0044	
11/20/2015 10:51	0.091	0.0046	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 10:50	0.0911	0.0046	
11/20/2015 10:49	0.0913	0.0046	
11/20/2015 10:48	0.0914	0.0042	
11/20/2015 10:47	0.0917	0.0041	
11/20/2015 10:46	0.0917	0.0039	
11/20/2015 10:45	0.0918		
11/20/2015 10:44	0.0918	0.0039	
11/20/2015 10:43	0.0916	0.004	
11/20/2015 10:42	0.0915	0.004	
11/20/2015 10:41	0.0915	0.0041	
11/20/2015 10:40	0.0914	0.0041	
11/20/2015 10:39	0.0915	0.0047	
11/20/2015 10:38	0.0918	0.0047	
11/20/2015 10:37	0.0918	0.0047	
11/20/2015 10:36	0.0918	0.0046	
11/20/2015 10:35	0.0919	0.0046	
11/20/2015 10:34	0.0921	0.0046	
11/20/2015 10:33	0.0923	0.0048	
11/20/2015 10:32	0.0923	0.0049	
11/20/2015 10:31	0.0923	0.0049	
11/20/2015 10:30	0.0923	0.0049	
11/20/2015 10:29	0.0923	0.0049	
11/20/2015 10:28	0.0923	0.005	
11/20/2015 10:27	0.0925	0.005	
11/20/2015 10:26	0.0925	0.0049	
11/20/2015 10:25	0.0925	0.0049	
11/20/2015 10:24	0.0925	0.0042	
11/20/2015 10:23	0.0922	0.0042	
11/20/2015 10:22	0.0921	0.0043	
11/20/2015 10:21	0.0921	0.0043	
11/20/2015 10:20	0.092	0.0043	
11/20/2015 10:19	0.0919	0.0043	
11/20/2015 10:18	0.0918	0.0045	
11/20/2015 10:17	0.0919	0.0047	
11/20/2015 10:16	0.0919	0.0047	
11/20/2015 10:15	0.0919	0.0047	
11/20/2015 10:14	0.0921	0.0047	
11/20/2015 10:13	0.0921	0.0047	
11/20/2015 10:12	0.0921	0.0047	
11/20/2015 10:11	0.092	0.0047	
11/20/2015 10:10	0.092	0.0048	
11/20/2015 10:09	0.0919	0.0048	
11/20/2015 10:08	0.0918	0.0049	
11/20/2015 10:07	0.0919	0.0051	
11/20/2015 10:06	0.092	0.0062	
11/20/2015 10:05	0.0921	0.0061	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 10:04	0.092	0.0061	
11/20/2015 10:03	0.0919	0.0059	
11/20/2015 10:02	0.0916	0.0057	
11/20/2015 10:01	0.0915	0.0058	
11/20/2015 10:00	0.0915	0.0058	
11/20/2015 9:59	0.0913	0.0059	
11/20/2015 9:58	0.091	0.0059	
11/20/2015 9:57	0.0909	0.0059	
11/20/2015 9:56	0.0907	0.0059	
11/20/2015 9:55	0.0905	0.006	
11/20/2015 9:54	0.0904	0.006	
11/20/2015 9:53	0.0904	0.0059	
11/20/2015 9:52	0.0901	0.0058	
11/20/2015 9:51	0.0899	0.0046	
11/20/2015 9:50	0.0897	0.0046	
11/20/2015 9:49	0.0896	0.0047	
11/20/2015 9:48	0.0896	0.0047	
11/20/2015 9:47	0.0894	0.0047	
11/20/2015 9:46	0.0893	0.0046	
11/20/2015 9:45	0.0892	0.0046	
11/20/2015 9:44	0.0892	0.0045	
11/20/2015 9:43	0.0894	0.0045	
11/20/2015 9:42	0.0894	0.0046	
11/20/2015 9:41	0.0895	0.0046	
11/20/2015 9:40	0.0895	0.0044	
11/20/2015 9:39	0.0895	0.0045	
11/20/2015 9:38	0.0895		
11/20/2015 9:37	0.0895	0.0046	
11/20/2015 9:36	0.0894	0.0047	
11/20/2015 9:35	0.0895	0.0047	
11/20/2015 9:34	0.0895	0.0047	
11/20/2015 9:33	0.0893	0.0047	
11/20/2015 9:32	0.0893	0.0047	
11/20/2015 9:31	0.0893	0.0048	
11/20/2015 9:30	0.0893	0.0048	
11/20/2015 9:29	0.0891	0.005	
11/20/2015 9:28	0.089	0.0051	
11/20/2015 9:27	0.0889	0.0051	
11/20/2015 9:26	0.0889	0.0051	
11/20/2015 9:25	0.0887	0.0051	
11/20/2015 9:24	0.0886	0.0051	
11/20/2015 9:23	0.0883	0.0052	
11/20/2015 9:22	0.0885	0.0057	
11/20/2015 9:21	0.0885	0.0062	
11/20/2015 9:20	0.0885	0.0063	
11/20/2015 9:19	0.0884	0.0063	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 9:18	0.0883	0.0062	
11/20/2015 9:17	0.0883	0.0062	
11/20/2015 9:16	0.0882	0.0061	
11/20/2015 9:15	0.0881	0.0062	
11/20/2015 9:14	0.088	0.0061	
11/20/2015 9:13	0.0878	0.0059	
11/20/2015 9:12	0.0876	0.006	
11/20/2015 9:11	0.0873	0.0061	
11/20/2015 9:10	0.0871	0.0062	
11/20/2015 9:09	0.0869	0.0062	
11/20/2015 9:08	0.0869	0.0061	
11/20/2015 9:07	0.0866	0.0055	
11/20/2015 9:06	0.0864	0.0051	
11/20/2015 9:05	0.0861	0.005	
11/20/2015 9:04	0.0858	0.005	
11/20/2015 9:03	0.0856	0.0051	
11/20/2015 9:02	0.0853	0.0051	
11/20/2015 9:01	0.0851	0.0051	
11/20/2015 9:00	0.0848	0.0051	
11/20/2015 8:59	0.0845	0.0051	
11/20/2015 8:58	0.0841	0.0051	
11/20/2015 8:57	0.0841	0.0053	
11/20/2015 8:56	0.084	0.0052	
11/20/2015 8:55	0.0838	0.0052	
11/20/2015 8:54	0.0835	0.0052	
11/20/2015 8:53	0.0831	0.0052	
11/20/2015 8:52	0.0827	0.0053	
11/20/2015 8:51	0.0823	0.0054	
11/20/2015 8:50	0.0819	0.0054	
11/20/2015 8:49	0.0817	0.0054	
11/20/2015 8:48	0.0814	0.0054	
11/20/2015 8:47	0.081	0.0054	
11/20/2015 8:46	0.0806	0.0054	
11/20/2015 8:45	0.0803	0.0054	
11/20/2015 8:44	0.0801	0.0054	
11/20/2015 8:43	0.0799	0.0055	
11/20/2015 8:42	0.0794	0.0052	
11/20/2015 8:41	0.0789	0.0053	
11/20/2015 8:40	0.0786	0.0053	
11/20/2015 8:39	0.0783	0.0053	
11/20/2015 8:38	0.078	0.0053	
11/20/2015 8:37	0.0777	0.0053	
11/20/2015 8:36	0.0773	0.0052	
11/20/2015 8:35	0.0769	0.0052	
11/20/2015 8:34	0.0765	0.0053	
11/20/2015 8:33	0.0761	0.0053	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 8:32	0.0759	0.0053	
11/20/2015 8:31	0.0756	0.0053	
11/20/2015 8:30	0.0754	0.0054	
11/20/2015 8:29	0.0751	0.0055	
11/20/2015 8:28	0.0749	0.0055	
11/20/2015 8:27	0.0746	0.0055	
11/20/2015 8:26	0.0745	0.0055	
11/20/2015 8:25	0.0742	0.0054	
11/20/2015 8:24	0.0741	0.0054	
11/20/2015 8:23	0.0738	0.0054	
11/20/2015 8:22	0.0736	0.0054	
11/20/2015 8:21	0.0735	0.0055	
11/20/2015 8:20	0.0733	0.0055	
11/20/2015 8:19	0.0731	0.0055	
11/20/2015 8:18	0.0728	0.0055	
11/20/2015 8:17	0.0727	0.0055	
11/20/2015 8:16	0.0725	0.0055	
11/20/2015 8:15	0.0722	0.0055	
11/20/2015 8:14	0.0721	0.0055	
11/20/2015 8:13	0.0719	0.0054	
11/20/2015 8:12	0.0718	0.0054	
11/20/2015 8:11	0.0717	0.0054	
11/20/2015 8:10	0.0717	0.0055	
11/20/2015 8:09	0.0717	0.0055	
11/20/2015 8:08	0.0717	0.0056	
11/20/2015 8:07	0.0718	0.0058	
11/20/2015 8:06	0.072	0.0058	
11/20/2015 8:05	0.0723	0.0058	
11/20/2015 8:04	0.0726	0.0059	
11/20/2015 8:03	0.0732	0.0059	
11/20/2015 8:02	0.0737	0.0059	
11/20/2015 8:01	0.0743	0.0059	
11/20/2015 8:00	0.0751	0.0059	
11/20/2015 7:59	0.0759	0.0059	
11/20/2015 7:58	0.0762	0.006	
11/20/2015 7:57	0.0765	0.006	
11/20/2015 7:56	0.0769	0.0061	
11/20/2015 7:55	0.0773	0.0061	
11/20/2015 7:54	0.0778	0.0061	
11/20/2015 7:53	0.0783	0.0061	
11/20/2015 7:52	0.079	0.0059	
11/20/2015 7:51	0.0796	0.0058	
11/20/2015 7:50	0.0802	0.0058	
11/20/2015 7:49	0.0808	0.0058	
11/20/2015 7:48	0.0815	0.0057	
11/20/2015 7:47	0.0823	0.006	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 7:46	0.0835	0.006	
11/20/2015 7:45	0.084		
11/19/2015 16:38		0.002	
11/19/2015 16:37	0.0694	0.002	
11/19/2015 16:36	0.0688	0.0019	
11/19/2015 16:35	0.0683	0.0019	
11/19/2015 16:34	0.0676	0.0018	
11/19/2015 16:33	0.0668	0.0018	
11/19/2015 16:32	0.0663	0.0018	
11/19/2015 16:31	0.0655	0.0017	
11/19/2015 16:30	0.0647	0.0017	
11/19/2015 16:29	0.0641	0.0016	
11/19/2015 16:28	0.0633	0.0015	
11/19/2015 16:27	0.0625	0.0015	
11/19/2015 16:26	0.0617	0.0015	
11/19/2015 16:25	0.0609	0.0015	
11/19/2015 16:24	0.0601	0.0014	
11/19/2015 16:23	0.0591	0.0014	
11/19/2015 16:22	0.0582	0.0014	
11/19/2015 16:21	0.0571	0.0014	
11/19/2015 16:20	0.056	0.0013	
11/19/2015 16:19	0.0551	0.0013	
11/19/2015 16:18	0.0541	0.0013	
11/19/2015 16:17	0.0529	0.0012	
11/19/2015 16:16	0.0517	0.0012	
11/19/2015 16:15	0.0505	0.0011	
11/19/2015 16:14	0.0492	0.0011	
11/19/2015 16:13	0.0481	0.0011	
11/19/2015 16:12	0.0469	0.0011	
11/19/2015 16:11	0.0456	0.0011	
11/19/2015 16:10	0.0443	0.0011	
11/19/2015 16:09	0.043	0.0011	
11/19/2015 16:08	0.0417	0.0011	
11/19/2015 16:07	0.0402	0.0011	
11/19/2015 16:06	0.0391	0.0011	
11/19/2015 16:05	0.0385	0.0011	
11/19/2015 16:04	0.0377	0.0011	
11/19/2015 16:03	0.037	0.0011	
11/19/2015 16:02	0.0363	0.0011	
11/19/2015 16:01	0.0357	0.0011	
11/19/2015 16:00	0.0351	0.0011	
11/19/2015 15:59	0.0345	0.0011	
11/19/2015 15:58	0.0337	0.0011	
11/19/2015 15:57	0.033	0.0012	
11/19/2015 15:56	0.0467	0.0012	
11/19/2015 15:55	0.06	0.0012	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 15:54	0.0735	0.0012	
11/19/2015 15:53	0.0877	0.0012	
11/19/2015 15:52	0.102	0.001	
11/19/2015 15:42	0.1164	0.0009	
11/19/2015 15:41	0.1163	0.0008	
11/19/2015 15:40	0.1163	0.0007	
11/19/2015 15:39	0.1163	0.0007	
11/19/2015 15:38	0.1162	0.0006	
11/19/2015 15:37	0.1161	0.0005	
11/19/2015 15:36	0.1161	0.0005	
11/19/2015 15:35	0.116	0.0005	
11/19/2015 15:34	0.116	0.0005	
11/19/2015 15:33	0.1158	0.0004	
11/19/2015 15:32	0.1155	0.0003	
11/19/2015 15:31	0.1155	0.0003	
11/19/2015 15:30	0.1155	0.0003	
11/19/2015 15:29	0.1155	0.0002	
11/19/2015 15:28	0.1153	0.0002	
11/19/2015 15:27	0.1153	0.0001	
11/19/2015 15:26	0.1151	0.0001	
11/19/2015 15:25	0.1151	0.0001	
11/19/2015 15:24	0.1151	0.0001	
11/19/2015 15:23	0.1151	0.0001	
11/19/2015 15:22	0.1152	0.0002	
11/19/2015 15:21	0.1153	0.0002	
11/19/2015 15:20	0.1151	0.0001	
11/19/2015 15:19	0.1151	0.0001	
11/19/2015 15:18	0.1152	0.0001	
11/19/2015 15:17	0.1153	0.0001	
11/19/2015 15:16	0.1153	0.0001	
11/19/2015 15:15	0.1151	0.0001	
11/19/2015 15:14	0.1151	0.0001	
11/19/2015 15:13	0.1153	0.0001	
11/19/2015 15:12	0.1157	0.0001	
11/19/2015 15:11	0.1159	0.0001	
11/19/2015 15:10	0.1161	0.0001	
11/19/2015 15:09	0.1163	0.0001	
11/19/2015 15:08	0.1167	0.0001	
11/19/2015 15:07	0.1169	0	
11/19/2015 15:06	0.1171	0	
11/19/2015 15:05	0.1177	0	
11/19/2015 15:04	0.1181	0	
11/19/2015 15:03	0.1185	0	
11/19/2015 15:02	0.1187	0.0001	
11/19/2015 15:01	0.1191	0.0001	
11/19/2015 15:00	0.1193	0.0001	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 14:59	0.1195	0.0001	
11/19/2015 14:58	0.1195	0.0001	
11/19/2015 14:57	0.1194	0.0001	
11/19/2015 14:56	0.1193	0.0001	
11/19/2015 14:55	0.1191	0.0001	
11/19/2015 14:54	0.1193	0.0001	
11/19/2015 14:53	0.1193	0.0001	
11/19/2015 14:52	0.1194	0.0001	
11/19/2015 14:51	0.1192	0.0001	
11/19/2015 14:50	0.119	0.0002	
11/19/2015 14:49	0.1188	0.0002	
11/19/2015 14:48	0.1186	0.0002	
11/19/2015 14:47	0.1185	0.0001	
11/19/2015 14:46	0.1182	0.0001	
11/19/2015 14:45	0.1182	0.0001	
11/19/2015 14:44	0.1182	0.0001	
11/19/2015 14:43	0.1179	0.0001	
11/19/2015 14:42	0.1179	0.0001	
11/19/2015 14:41	0.1178	0	
11/19/2015 14:40	0.1179	0	
11/19/2015 14:39	0.1176		
11/19/2015 14:38	0.1171	0	
11/19/2015 14:37	0.1168	0	
11/19/2015 14:36	0.1167		
11/19/2015 14:35	0.1164	0	
11/19/2015 14:34	0.1159	0	
11/19/2015 14:33	0.1157	0	
11/19/2015 14:32	0.1154	0	
11/19/2015 14:31	0.1153	0	
11/19/2015 14:30		0	
11/19/2015 14:29	0.1149		
11/19/2015 14:28	0.115	0	
11/19/2015 14:27	0.1148	0	
11/19/2015 14:26	0.1147	0	
11/19/2015 14:25	0.1145	0	
11/19/2015 14:24	0.1143		
11/19/2015 14:23	0.1141	0	
11/19/2015 14:22	0.1139	0	
11/19/2015 14:21	0.1137		
11/19/2015 14:20	0.1137		
11/19/2015 14:19	0.1139	0	
11/19/2015 14:18	0.1139	0	
11/19/2015 14:17	0.1139		
11/19/2015 14:16	0.1139	0	
11/19/2015 14:15	0.114		
11/19/2015 14:14	0.114		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 14:13	0.1139	0	
11/19/2015 14:12	0.114		
11/19/2015 14:11	0.114	0.0001	
11/19/2015 14:10	0.114		
11/19/2015 14:09	0.1141	0.0001	
11/19/2015 14:08	0.1141	0.0001	
11/19/2015 14:07	0.1141	0.0001	
11/19/2015 14:06	0.1141	0.0001	
11/19/2015 14:05	0.114		
11/19/2015 14:04	0.1137	0.0001	
11/19/2015 14:03	0.1135	0.0001	
11/19/2015 14:02	0.1134	0.0001	
11/19/2015 14:01	0.1131		
11/19/2015 14:00	0.1128	0.0001	
11/19/2015 13:59	0.1125	0.0001	
11/19/2015 13:58	0.1123	0.0001	
11/19/2015 13:57	0.1119	0.0001	
11/19/2015 13:56	0.1115	0	
11/19/2015 13:55	0.1112	0	
11/19/2015 13:54	0.1108	0	
11/19/2015 13:53	0.1104		
11/19/2015 13:52	0.1102	0	
11/19/2015 13:51	0.1099		
11/19/2015 13:50	0.1095	0	
11/19/2015 13:49	0.1093	0	
11/19/2015 13:48	0.1087	0	
11/19/2015 13:47	0.1081	0	
11/19/2015 13:46	0.1077	0	
11/19/2015 13:45	0.1075	0	
11/19/2015 13:44	0.1073	0	
11/19/2015 13:43	0.1069	0	
11/19/2015 13:42	0.1067	0	
11/19/2015 13:41	0.1065	0	
11/19/2015 13:40	0.1061	0	
11/19/2015 13:39	0.1059	0	
11/19/2015 13:38	0.1057	0	
11/19/2015 13:37	0.1055	0	
11/19/2015 13:36	0.1053	0	
11/19/2015 13:35	0.105	0	
11/19/2015 13:34	0.1049	0	
11/19/2015 13:33	0.1051	0	
11/19/2015 13:32	0.1051	0	
11/19/2015 13:31	0.1049	0	
11/19/2015 13:30	0.1047	0	
11/19/2015 13:29	0.1044	0	
11/19/2015 13:28	0.1043	0	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 13:27	0.1042	0	
11/19/2015 13:26	0.1041	0	
11/19/2015 13:25	0.104	0	
11/19/2015 13:24	0.1038	0	
11/19/2015 13:23	0.1038	0	
11/19/2015 13:22	0.1038	0	
11/19/2015 13:21	0.1037	0	
11/19/2015 13:20	0.1037	0	
11/19/2015 13:19	0.1033	0	
11/19/2015 13:18	0.1033	0	
11/19/2015 13:17	0.1032	0	
11/19/2015 13:16	0.1032	0	
11/19/2015 13:15	0.1033	0	
11/19/2015 13:14	0.1034	0	
11/19/2015 13:13	0.1035	0	
11/19/2015 13:12	0.1035	0	
11/19/2015 13:11	0.1035	0	
11/19/2015 13:10	0.1037	0	
11/19/2015 13:09	0.1039	0	
11/19/2015 13:08	0.1039	0	
11/19/2015 13:07	0.1039	0	
11/19/2015 13:06	0.1039	0	
11/19/2015 13:05	0.1041	0	
11/19/2015 13:04	0.1043	0	
11/19/2015 13:03	0.1043	0	
11/19/2015 13:02	0.1045	0	
11/19/2015 13:01	0.1047	0	
11/19/2015 13:00	0.1049	0	
11/19/2015 12:59	0.1051	0	
11/19/2015 12:58	0.1051	0	
11/19/2015 12:57	0.1054	0	
11/19/2015 12:56	0.1056	0	
11/19/2015 12:55	0.1057	0	
11/19/2015 12:54	0.1058	0	
11/19/2015 12:53	0.1061	0	
11/19/2015 12:52	0.1061	0	
11/19/2015 12:51	0.1063	0	
11/19/2015 12:50	0.1062	0	
11/19/2015 12:49	0.1064	0	
11/19/2015 12:48	0.1065	0	
11/19/2015 12:47	0.1064	0	
11/19/2015 12:46	0.1063	0	
11/19/2015 12:45	0.106	0	
11/19/2015 12:44	0.1057	0	
11/19/2015 12:43	0.1055	0	
11/19/2015 12:42	0.1049	0	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 12:41	0.1045	0	
11/19/2015 12:40	0.1041	0	
11/19/2015 12:39	0.1035	0	
11/19/2015 12:38	0.1028	0	
11/19/2015 12:37	0.1023	0	
11/19/2015 12:36	0.1017	0	
11/19/2015 12:35	0.1011	0	
11/19/2015 12:34	0.1005	0	
11/19/2015 12:33	0.0998	0	
11/19/2015 12:32	0.0991	0	
11/19/2015 12:31	0.0985	0	
11/19/2015 12:30	0.0981	0	
11/19/2015 12:29	0.0976	0	
11/19/2015 12:28	0.097	0	
11/19/2015 12:27	0.0966	0	
11/19/2015 12:26	0.0961	0	
11/19/2015 12:25	0.0956	0	
11/19/2015 12:24	0.0952	0	
11/19/2015 12:23	0.0949	0	
11/19/2015 12:22	0.0944	0	
11/19/2015 12:21	0.0941	0	
11/19/2015 12:20	0.0939	0	
11/19/2015 12:19	0.0937	0	
11/19/2015 12:18	0.0934	0	
11/19/2015 12:17	0.0932	0	
11/19/2015 12:16	0.093	0	
11/19/2015 12:15	0.0926	0	
11/19/2015 12:14	0.0923	0	
11/19/2015 12:13	0.0921	0	
11/19/2015 12:12	0.0919	0	
11/19/2015 12:11	0.0917	0	
11/19/2015 12:10	0.0915	0	
11/19/2015 12:09	0.0915	0	
11/19/2015 12:08	0.0913	0	
11/19/2015 12:07	0.0912	0	
11/19/2015 12:06	0.091	0	
11/19/2015 12:05	0.0907	0	
11/19/2015 12:04	0.0903	0	
11/19/2015 12:03	0.0899	0	
11/19/2015 12:02	0.0896	0	
11/19/2015 12:01	0.0893	0	
11/19/2015 12:00	0.0889	0	
11/19/2015 11:59	0.0886	0	
11/19/2015 11:58	0.0882	0	
11/19/2015 11:57	0.0878	0	
11/19/2015 11:56	0.0873	0	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 11:55	0.0867	0	
11/19/2015 11:54	0.0861	0	
11/19/2015 11:53	0.0855	0	
11/19/2015 11:52	0.0852	0	
11/19/2015 11:51	0.0847	0	
11/19/2015 11:50	0.0843	0	
11/19/2015 11:49	0.0839	0	
11/19/2015 11:48	0.0837	0	
11/19/2015 11:47	0.0832	0	
11/19/2015 11:46	0.0828	0	
11/19/2015 11:45	0.0825	0	
11/19/2015 11:44	0.0821	0	
11/19/2015 11:43	0.0817	0	
11/19/2015 11:42	0.0813	0	
11/19/2015 11:41	0.0809	0	
11/19/2015 11:40	0.0807	0	
11/19/2015 11:39	0.0803	0	
11/19/2015 11:38	0.08	0	
11/19/2015 11:37	0.0795	0	
11/19/2015 11:36	0.0791	0	
11/19/2015 11:35	0.0787	0	
11/19/2015 11:34	0.0782	0	
11/19/2015 11:33	0.0779	0	
11/19/2015 11:32	0.0777	0	
11/19/2015 11:31	0.0771	0	
11/19/2015 11:30	0.0765	0	
11/19/2015 11:29	0.0761	0	
11/19/2015 11:28	0.0756	0	
11/19/2015 11:27	0.0752	0	
11/19/2015 11:26	0.0748	0	
11/19/2015 11:25	0.0742	0	
11/19/2015 11:24	0.0738	0	
11/19/2015 11:23	0.0732	0	
11/19/2015 11:22	0.0725	0	
11/19/2015 11:21	0.072	0	
11/19/2015 11:20	0.0715	0	
11/19/2015 11:19	0.0711	0	
11/19/2015 11:18	0.0703	0	
11/19/2015 11:17	0.0696	0	
11/19/2015 11:16	0.0691	0	
11/19/2015 11:15	0.0687	0	
11/19/2015 11:14	0.0681	0	
11/19/2015 11:13	0.0677	0	
11/19/2015 11:12	0.0672	0	
11/19/2015 11:11	0.0667	0	
11/19/2015 11:10	0.0662	0	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 11:09	0.0657	0	
11/19/2015 11:08	0.0653	0	
11/19/2015 11:07	0.065	0	
11/19/2015 11:06	0.0645	0	
11/19/2015 11:05	0.064	0	
11/19/2015 11:04	0.0635	0	
11/19/2015 11:03	0.063	0	
11/19/2015 11:02	0.0624	0	
11/19/2015 11:01	0.0619	0	
11/19/2015 11:00	0.0614	0	
11/19/2015 10:59	0.0609	0.0001	
11/19/2015 10:58	0.0603	0.0001	
11/19/2015 10:57	0.0597	0.0002	
11/19/2015 10:56	0.0589	0.0002	
11/19/2015 10:55	0.0586	0.0002	
11/19/2015 10:54	0.0581	0.0002	
11/19/2015 10:53	0.0576	0.0002	
11/19/2015 10:52	0.057	0.0002	
11/19/2015 10:51	0.0565	0.0002	
11/19/2015 10:50	0.0558	0.0002	
11/19/2015 10:49	0.0552	0.0002	
11/19/2015 10:48	0.0547	0.0002	
11/19/2015 10:47	0.0543	0.0002	
11/19/2015 10:46	0.0538	0.0002	
11/19/2015 10:45	0.0531	0.0002	
11/19/2015 10:44	0.0525	0.0001	
11/19/2015 10:43	0.0521	0.0001	
11/19/2015 10:42	0.0515	0.0001	
11/19/2015 10:41	0.0511	0.0002	
11/19/2015 10:40	0.0503	0.0002	
11/19/2015 10:39	0.0496	0.0002	
11/19/2015 10:38	0.0487	0.0002	
11/19/2015 10:37	0.0481	0.0002	
11/19/2015 10:36	0.0474	0.0002	
11/19/2015 10:35	0.0467	0.0003	
11/19/2015 10:34	0.046	0.0003	
11/19/2015 10:33	0.0453	0.0004	
11/19/2015 10:32	0.0445	0.0005	
11/19/2015 10:31	0.0438	0.0005	
11/19/2015 10:30	0.0433	0.0006	
11/19/2015 10:29	0.0427	0.0007	
11/19/2015 10:28	0.0421	0.0007	
11/19/2015 10:27	0.0413	0.0007	
11/19/2015 10:26	0.0408	0.0007	
11/19/2015 10:25	0.0405	0.0007	
11/19/2015 10:24	0.0401	0.0008	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 10:23	0.0397	0.0009	
11/19/2015 10:22	0.0393	0.0009	
11/19/2015 10:21	0.0387	0.001	
11/19/2015 10:20	0.0383	0.001	
11/19/2015 10:19	0.0378	0.001	
11/19/2015 10:18	0.0374	0.001	
11/19/2015 10:17	0.0369	0.001	
11/19/2015 10:16	0.0365	0.001	
11/19/2015 10:15	0.0357	0.001	
11/19/2015 10:14	0.0351	0.001	
11/19/2015 10:13	0.0345	0.001	
11/19/2015 10:12	0.034	0.001	
11/19/2015 10:11	0.0334	0.001	
11/19/2015 10:10	0.0326	0.001	
11/19/2015 10:09	0.0318	0.001	
11/19/2015 10:08	0.0311	0.001	
11/19/2015 10:07	0.0303	0.001	
11/19/2015 10:06	0.0295	0.001	
11/19/2015 10:05	0.0287	0.001	
11/19/2015 10:04	0.0279	0.001	
11/19/2015 10:03	0.027	0.001	
11/19/2015 10:02	0.0263	0.001	
11/19/2015 10:01	0.0253	0.001	
11/19/2015 10:00	0.0245	0.0011	
11/19/2015 9:59	0.0237	0.0011	
11/19/2015 9:58	0.023	0.0011	
11/19/2015 9:57	0.0221	0.0011	
11/19/2015 9:56	0.0211	0.0011	
11/19/2015 9:55	0.02	0.0011	
11/19/2015 9:54	0.019	0.0011	
11/19/2015 9:53	0.0179	0.0011	
11/19/2015 9:52	0.0169	0.0011	
11/19/2015 9:51	0.0161	0.0011	
11/19/2015 9:50	0.0149	0.0011	
11/19/2015 9:49	0.014	0.0011	
11/19/2015 9:48	0.0131	0.0012	
11/19/2015 9:47	0.0121	0.0013	
11/19/2015 9:46	0.0113	0.0013	
11/19/2015 9:45	0.0104	0.0012	
11/19/2015 9:44	0.0095	0.0012	
11/19/2015 9:43	0.0085	0.0011	
11/19/2015 9:42	0.0076	0.0012	
11/19/2015 9:41	0.0067	0.0013	
11/19/2015 9:40	0.006	0.0013	
11/19/2015 9:39	0.0053	0.0014	
11/19/2015 9:38	0.0046	0.0015	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 9:37	0.004	0.0015	
11/19/2015 9:36	0.0033	0.0016	
11/19/2015 9:35	0.0029	0.0017	
11/19/2015 9:34	0.0024	0.0017	
11/19/2015 9:33	0.0019	0.0017	
11/19/2015 9:32	0.0015	0.0017	
11/19/2015 9:31	0.0011	0.0018	
11/19/2015 9:30	0.0007	0.0019	
11/19/2015 9:29	0.0004	0.0019	
11/19/2015 9:28	0.0003	0.002	
11/19/2015 9:27	0.0001	0.002	
11/19/2015 9:26	0	0.002	
11/19/2015 9:25	0	0.002	
11/19/2015 9:24	0	0.002	
11/19/2015 9:23	0	0.002	
11/19/2015 9:22	0	0.002	
11/19/2015 9:21	0	0.002	
11/19/2015 9:20	0	0.002	
11/19/2015 9:19	0	0.002	
11/19/2015 9:18	0	0.002	
11/19/2015 9:17	0	0.002	
11/19/2015 9:16	0	0.002	
11/19/2015 9:15	0	0.002	
11/19/2015 9:14	0	0.002	
11/19/2015 9:13	0	0.002	
11/19/2015 9:12	0	0.002	
11/19/2015 9:11	0	0.002	
11/19/2015 9:10	0	0.002	
11/19/2015 9:09	0	0.002	
11/19/2015 9:08	0	0.0021	
11/19/2015 9:07	0	0.0021	
11/19/2015 9:06	0	0.0022	
11/19/2015 9:05	0	0.0022	
11/19/2015 9:04	0	0.0022	
11/19/2015 9:03	0	0.0022	
11/19/2015 9:02	0	0.0023	
11/19/2015 9:01	0	0.0023	
11/19/2015 9:00	0	0.0023	
11/19/2015 8:59	0	0.0024	
11/19/2015 8:58	0	0.0024	
11/19/2015 8:57	0	0.0024	
11/19/2015 8:56	0	0.0025	
11/19/2015 8:55	0	0.0025	
11/19/2015 8:54	0	0.0026	
11/19/2015 8:53	0	0.0026	
11/19/2015 8:52	0	0.0025	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 8:51	0	0.0025	
11/19/2015 8:50	0	0.0025	
11/19/2015 8:49	0	0.0026	
11/19/2015 8:48	0	0.0026	
11/19/2015 8:47	0	0.0026	
11/19/2015 8:46	0	0.0027	
11/19/2015 8:45	0	0.0026	
11/19/2015 8:44	0	0.0026	
11/19/2015 8:43	0	0.0027	
11/19/2015 8:42	0	0.0028	
11/19/2015 8:41	0	0.0028	
11/19/2015 8:40	0	0.0027	
11/19/2015 8:39	0	0.0025	
11/19/2015 8:38	0	0.002	
11/18/2015 15:57	0.1059	0.0126	
11/18/2015 15:56	0.1057	0.0125	
11/18/2015 15:55	0.1058	0.0124	
11/18/2015 15:54	0.1057	0.0123	
11/18/2015 15:53	0.1055	0.0123	
11/18/2015 15:52	0.1055	0.0121	
11/18/2015 15:51	0.1055	0.012	
11/18/2015 15:50	0.1054	0.0119	
11/18/2015 15:49	0.1053	0.0118	
11/18/2015 15:48	0.1052	0.0118	
11/18/2015 15:47	0.1052	0.0118	
11/18/2015 15:46	0.1052	0.0117	
11/18/2015 15:45	0.1051	0.0116	
11/18/2015 15:44	0.1051	0.0116	
11/18/2015 15:43	0.1052	0.0115	
11/18/2015 15:42	0.1051	0.0115	
11/18/2015 15:41	0.1051	0.0115	
11/18/2015 15:40	0.1051	0.0114	
11/18/2015 15:39	0.1053	0.0113	
11/18/2015 15:38	0.1052	0.0113	
11/18/2015 15:37	0.1051	0.0113	
11/18/2015 15:36	0.1051	0.0113	
11/18/2015 15:35	0.1051	0.0112	
11/18/2015 15:34	0.105	0.0113	
11/18/2015 15:33	0.105	0.0112	
11/18/2015 15:32	0.1049	0.0112	
11/18/2015 15:31	0.1047	0.0111	
11/18/2015 15:30	0.1046	0.0113	
11/18/2015 15:29	0.1044	0.0112	
11/18/2015 15:28	0.1043	0.0112	
11/18/2015 15:27	0.1042	0.0112	
11/18/2015 15:26	0.1043	0.0112	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 15:25	0.1043	0.0111	
11/18/2015 15:24	0.1042	0.0111	
11/18/2015 15:23	0.1043	0.0111	
11/18/2015 15:22	0.1042	0.0111	
11/18/2015 15:21	0.1042	0.0111	
11/18/2015 15:20	0.1042	0.0111	
11/18/2015 15:19	0.1043	0.0109	
11/18/2015 15:18	0.1043	0.0109	
11/18/2015 15:17	0.1044	0.0107	
11/18/2015 15:16	0.1046	0.0107	
11/18/2015 15:15	0.1047	0.0106	
11/18/2015 15:14	0.1049	0.0105	
11/18/2015 15:13	0.1049	0.0105	
11/18/2015 15:12	0.1049	0.0105	
11/18/2015 15:11	0.1048	0.0105	
11/18/2015 15:10	0.1049	0.0105	
11/18/2015 15:09	0.1047	0.0104	
11/18/2015 15:08	0.1045	0.0103	
11/18/2015 15:07	0.1045	0.0103	
11/18/2015 15:06	0.1043	0.0102	
11/18/2015 15:05	0.1041	0.0102	
11/18/2015 15:04	0.104	0.0102	
11/18/2015 15:03	0.104	0.0102	
11/18/2015 15:02	0.1039	0.0102	
11/18/2015 15:01	0.1037	0.0102	
11/18/2015 15:00	0.1038	0.0101	
11/18/2015 14:59	0.1038	0.0101	
11/18/2015 14:58	0.1039	0.0101	
11/18/2015 14:57	0.1039	0.01	
11/18/2015 14:56	0.1039	0.01	
11/18/2015 14:55	0.1037	0.01	
11/18/2015 14:54	0.1038	0.01	
11/18/2015 14:53	0.104	0.01	
11/18/2015 14:52	0.1041	0.01	
11/18/2015 14:51	0.1043	0.0101	
11/18/2015 14:50	0.1045	0.0101	
11/18/2015 14:49	0.1047	0.0101	
11/18/2015 14:48	0.1045	0.0101	
11/18/2015 14:47	0.1045	0.0101	
11/18/2015 14:46	0.1047	0.0101	
11/18/2015 14:45	0.1045	0.01	
11/18/2015 14:44	0.1043	0.0099	
11/18/2015 14:43	0.1043	0.0099	
11/18/2015 14:42	0.1043	0.0099	
11/18/2015 14:41	0.1044	0.0098	
11/18/2015 14:40	0.1046	0.0097	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 14:39	0.1047	0.0097	
11/18/2015 14:38	0.1047	0.0096	
11/18/2015 14:37	0.1047	0.0095	
11/18/2015 14:36	0.1045	0.0094	
11/18/2015 14:35	0.1044	0.0093	
11/18/2015 14:34	0.1043	0.0093	
11/18/2015 14:33	0.1045	0.0092	
11/18/2015 14:32	0.1045	0.0092	
11/18/2015 14:31	0.1043	0.0091	
11/18/2015 14:30	0.1043	0.0091	
11/18/2015 14:29	0.1044	0.0091	
11/18/2015 14:28	0.1044	0.0091	
11/18/2015 14:27	0.1043	0.009	
11/18/2015 14:26	0.1043	0.009	
11/18/2015 14:25	0.1042	0.009	
11/18/2015 14:24	0.1041	0.009	
11/18/2015 14:23	0.1042	0.0089	
11/18/2015 14:22	0.1042	0.009	
11/18/2015 14:21	0.1044	0.009	
11/18/2015 14:20	0.1045	0.009	
11/18/2015 14:19	0.1047	0.0089	
11/18/2015 14:18	0.1048	0.0089	
11/18/2015 14:17	0.1049	0.0087	
11/18/2015 14:16	0.1051	0.0087	
11/18/2015 14:15	0.1053	0.0087	
11/18/2015 14:14	0.1054	0.0087	
11/18/2015 14:13	0.1056	0.0086	
11/18/2015 14:12	0.1057	0.0087	
11/18/2015 14:11	0.1059	0.0086	
11/18/2015 14:10	0.1059	0.0085	
11/18/2015 14:09	0.106	0.0085	
11/18/2015 14:08	0.1059	0.0085	
11/18/2015 14:07	0.106	0.0083	
11/18/2015 14:06	0.1059	0.0083	
11/18/2015 14:05	0.1059	0.0082	
11/18/2015 14:04	0.1057	0.0082	
11/18/2015 14:03	0.1057	0.0082	
11/18/2015 14:02	0.1058	0.0082	
11/18/2015 14:01	0.1058	0.0081	
11/18/2015 14:00	0.1057	0.0081	
11/18/2015 13:59	0.1058	0.008	
11/18/2015 13:58	0.1057	0.0091	
11/18/2015 13:57	0.1057	0.009	
11/18/2015 13:56	0.1056	0.009	
11/18/2015 13:55	0.1055	0.009	
11/18/2015 13:54	0.1055	0.009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 13:53	0.1055	0.009	
11/18/2015 13:52	0.1055	0.009	
11/18/2015 13:51	0.1055	0.009	
11/18/2015 13:50	0.1055	0.009	
11/18/2015 13:49	0.1056	0.0089	
11/18/2015 13:48	0.1056	0.0089	
11/18/2015 13:47	0.1055	0.0089	
11/18/2015 13:46	0.1055	0.0088	
11/18/2015 13:45	0.1055	0.0088	
11/18/2015 13:44	0.1053	0.0089	
11/18/2015 13:43	0.1053	0.0077	
11/18/2015 13:42	0.1051	0.0077	
11/18/2015 13:41	0.105	0.0077	
11/18/2015 13:40	0.105	0.0077	
11/18/2015 13:39	0.105	0.0076	
11/18/2015 13:38	0.105	0.0076	
11/18/2015 13:37	0.1048	0.0075	
11/18/2015 13:36	0.1048	0.0075	
11/18/2015 13:35	0.1048	0.0075	
11/18/2015 13:34	0.1048	0.0075	
11/18/2015 13:33	0.1047	0.0075	
11/18/2015 13:32	0.1047	0.0075	
11/18/2015 13:31	0.1047	0.0075	
11/18/2015 13:30	0.1045	0.0075	
11/18/2015 13:29	0.1045	0.0074	
11/18/2015 13:28	0.1044	0.0074	
11/18/2015 13:27	0.1047	0.0074	
11/18/2015 13:26	0.1047	0.0075	
11/18/2015 13:25	0.1047	0.0074	
11/18/2015 13:24	0.1047	0.0074	
11/18/2015 13:23	0.1046	0.0073	
11/18/2015 13:22	0.1046	0.0073	
11/18/2015 13:21	0.1046	0.0073	
11/18/2015 13:20	0.1046	0.0073	
11/18/2015 13:19	0.1047	0.0073	
11/18/2015 13:18	0.1048	0.0073	
11/18/2015 13:17	0.1048	0.0073	
11/18/2015 13:16	0.1046	0.0073	
11/18/2015 13:15	0.1049	0.0072	
11/18/2015 13:14	0.1049	0.0073	
11/18/2015 13:13	0.1049	0.0073	
11/18/2015 13:12	0.1048	0.0072	
11/18/2015 13:11	0.1047	0.0071	
11/18/2015 13:10	0.1047	0.0071	
11/18/2015 13:09	0.1046	0.0071	
11/18/2015 13:08	0.1047	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 13:07	0.1049	0.0071	
11/18/2015 13:06	0.1049	0.0071	
11/18/2015 13:05	0.1049	0.0071	
11/18/2015 13:04	0.1049	0.0071	
11/18/2015 13:03	0.1047	0.0071	
11/18/2015 13:02	0.1045	0.0071	
11/18/2015 13:01	0.1046	0.0071	
11/18/2015 13:00	0.1044	0.0071	
11/18/2015 12:59	0.1044	0.007	
11/18/2015 12:58	0.1045	0.0069	
11/18/2015 12:57	0.1044	0.0069	
11/18/2015 12:56	0.1044	0.0069	
11/18/2015 12:55	0.1044	0.0069	
11/18/2015 12:54	0.1045	0.0069	
11/18/2015 12:53	0.1044	0.0069	
11/18/2015 12:52	0.1042	0.0069	
11/18/2015 12:51	0.1041	0.0069	
11/18/2015 12:50	0.104	0.0069	
11/18/2015 12:49	0.1038	0.007	
11/18/2015 12:48	0.1038	0.007	
11/18/2015 12:47	0.1039	0.007	
11/18/2015 12:45		0.007	
11/18/2015 12:44	0.1041	0.007	
11/18/2015 12:43	0.1039	0.0071	
11/18/2015 12:42	0.1039	0.0071	
11/18/2015 12:41	0.1039	0.0071	
11/18/2015 12:40	0.1038	0.0071	
11/18/2015 12:39	0.1037	0.007	
11/18/2015 12:38	0.1037	0.007	
11/18/2015 12:37	0.1037	0.007	
11/18/2015 12:36	0.1036	0.007	
11/18/2015 12:35	0.1036	0.007	
11/18/2015 12:34	0.1037	0.0069	
11/18/2015 12:33	0.1037	0.0069	
11/18/2015 12:32	0.1038	0.0069	
11/18/2015 12:31	0.1037	0.0069	
11/18/2015 12:30	0.1034	0.0069	
11/18/2015 12:29	0.1032	0.0069	
11/18/2015 12:28	0.1032	0.0069	
11/18/2015 12:27	0.1031	0.0069	
11/18/2015 12:26	0.1031	0.0069	
11/18/2015 12:25	0.1032	0.0069	
11/18/2015 12:24	0.1031	0.0069	
11/18/2015 12:23	0.1029	0.0069	
11/18/2015 12:22	0.1029	0.0069	
11/18/2015 12:21	0.1029	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 12:20	0.1028	0.0069	
11/18/2015 12:19	0.1027	0.0069	
11/18/2015 12:18	0.1026	0.0069	
11/18/2015 12:17	0.1024	0.0069	
11/18/2015 12:16	0.1024	0.0069	
11/18/2015 12:15	0.1025	0.0069	
11/18/2015 12:14	0.1024	0.0069	
11/18/2015 12:13	0.1023	0.0069	
11/18/2015 12:12	0.1022	0.0069	
11/18/2015 12:11	0.102	0.0069	
11/18/2015 12:10	0.1018	0.0069	
11/18/2015 12:09	0.1017	0.0071	
11/18/2015 12:08	0.1016	0.0071	
11/18/2015 12:07	0.1014	0.0071	
11/18/2015 12:06	0.1013	0.0071	
11/18/2015 12:05	0.1012	0.0071	
11/18/2015 12:04	0.1011	0.0072	
11/18/2015 12:03	0.101	0.0073	
11/18/2015 12:02	0.1009	0.0073	
11/18/2015 12:01	0.1009	0.0073	
11/18/2015 12:00	0.1007	0.0074	
11/18/2015 11:59	0.1007	0.0075	
11/18/2015 11:58	0.1006	0.0075	
11/18/2015 11:57	0.1006	0.0076	
11/18/2015 11:56	0.1007	0.0077	
11/18/2015 11:55	0.1007	0.0077	
11/18/2015 11:54	0.1007	0.0077	
11/18/2015 11:53	0.1007	0.0078	
11/18/2015 11:52	0.1007	0.0079	
11/18/2015 11:51	0.1007	0.0079	
11/18/2015 11:50	0.1006	0.0079	
11/18/2015 11:49	0.1005	0.0079	
11/18/2015 11:48	0.1003	0.0079	
11/18/2015 11:47	0.1003	0.0079	
11/18/2015 11:46	0.1002	0.0081	
11/18/2015 11:45	0.1002	0.0081	
11/18/2015 11:44	0.1003	0.0081	
11/18/2015 11:43	0.1002	0.0081	
11/18/2015 11:42	0.1001	0.0081	
11/18/2015 11:41	0.1	0.0081	
11/18/2015 11:40	0.0997	0.0081	
11/18/2015 11:39	0.0995	0.0081	
11/18/2015 11:38	0.0995	0.0081	
11/18/2015 11:37	0.0995	0.0081	
11/18/2015 11:36	0.0995	0.0081	
11/18/2015 11:35	0.0994	0.0081	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 11:34	0.0995	0.0081	
11/18/2015 11:33	0.0994	0.0081	
11/18/2015 11:32	0.0993	0.0081	
11/18/2015 11:31	0.0992	0.008	
11/18/2015 11:30	0.099	0.0081	
11/18/2015 11:29	0.0988	0.0081	
11/18/2015 11:28	0.0988	0.0081	
11/18/2015 11:27	0.0986	0.0081	
11/18/2015 11:26	0.0985	0.0081	
11/18/2015 11:25	0.0986	0.0081	
11/18/2015 11:24	0.0985	0.0081	
11/18/2015 11:23	0.0982	0.0081	
11/18/2015 11:22	0.098	0.0081	
11/18/2015 11:21	0.0978	0.0081	
11/18/2015 11:20	0.0976	0.0081	
11/18/2015 11:19	0.0975	0.0081	
11/18/2015 11:18	0.0973	0.0081	
11/18/2015 11:17	0.0972	0.0081	
11/18/2015 11:16	0.0971	0.0081	
11/18/2015 11:15	0.0971	0.008	
11/18/2015 11:14	0.097	0.0081	
11/18/2015 11:13	0.0969	0.0081	
11/18/2015 11:12	0.097	0.0081	
11/18/2015 11:11	0.0968	0.0081	
11/18/2015 11:10	0.0966	0.0081	
11/18/2015 11:09	0.0965	0.008	
11/18/2015 11:08	0.0964	0.008	
11/18/2015 11:07	0.0963	0.008	
11/18/2015 11:06	0.0961	0.008	
11/18/2015 11:05	0.096	0.008	
11/18/2015 11:04	0.0958	0.008	
11/18/2015 11:03	0.0957	0.008	
11/18/2015 11:02	0.0955	0.008	
11/18/2015 11:01	0.0954	0.008	
11/18/2015 11:00	0.0953	0.008	
11/18/2015 10:59	0.0951	0.0079	
11/18/2015 10:58	0.0949	0.0079	
11/18/2015 10:57	0.0947	0.0079	
11/18/2015 10:56	0.0947	0.0079	
11/18/2015 10:55	0.0946	0.0079	
11/18/2015 10:54	0.0943	0.0079	
11/18/2015 10:53	0.0942	0.0079	
11/18/2015 10:52	0.0941	0.0079	
11/18/2015 10:51	0.094	0.0079	
11/18/2015 10:50	0.094	0.0079	
11/18/2015 10:49	0.0937	0.0079	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 10:48	0.0936	0.0079	
11/18/2015 10:47	0.0933	0.0079	
11/18/2015 10:46	0.0932	0.0079	
11/18/2015 10:45	0.093	0.0079	
11/18/2015 10:44	0.0928	0.0079	
11/18/2015 10:43	0.0925	0.0079	
11/18/2015 10:42	0.0922	0.0079	
11/18/2015 10:41	0.0919	0.0079	
11/18/2015 10:40	0.0918	0.0079	
11/18/2015 10:39	0.0918	0.0079	
11/18/2015 10:38	0.0917	0.0079	
11/18/2015 10:37	0.0915	0.0078	
11/18/2015 10:36	0.0913	0.0077	
11/18/2015 10:35	0.091	0.0077	
11/18/2015 10:34	0.0908	0.0077	
11/18/2015 10:33	0.0907	0.0077	
11/18/2015 10:32	0.0907	0.0076	
11/18/2015 10:31	0.0904	0.0076	
11/18/2015 10:30	0.0903	0.0076	
11/18/2015 10:29	0.0901	0.0077	
11/18/2015 10:28	0.0899	0.0076	
11/18/2015 10:27	0.0898	0.0076	
11/18/2015 10:26	0.0896	0.0076	
11/18/2015 10:25	0.0893	0.0076	
11/18/2015 10:24	0.0891	0.0076	
11/18/2015 10:23	0.0887	0.0076	
11/18/2015 10:22	0.0884	0.0077	
11/18/2015 10:21	0.0883	0.0078	
11/18/2015 10:20	0.0881	0.0078	
11/18/2015 10:19	0.0878	0.0078	
11/18/2015 10:18	0.0874	0.0079	
11/18/2015 10:17	0.0869	0.008	
11/18/2015 10:16	0.0866	0.008	
11/18/2015 10:15	0.0862	0.008	
11/18/2015 10:14	0.0859	0.0079	
11/18/2015 10:13	0.0856	0.0081	
11/18/2015 10:12	0.0852	0.0081	
11/18/2015 10:11	0.0847	0.0081	
11/18/2015 10:10	0.0844	0.0081	
11/18/2015 10:09	0.0842	0.0082	
11/18/2015 10:08	0.084	0.0083	
11/18/2015 10:07	0.0837	0.0083	
11/18/2015 10:06	0.0832	0.0083	
11/18/2015 10:05	0.0827	0.0083	
11/18/2015 10:04	0.0823	0.0083	
11/18/2015 10:03	0.0821	0.0083	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 10:02	0.0817	0.0084	
11/18/2015 10:01	0.0812	0.0084	
11/18/2015 10:00	0.0807	0.0084	
11/18/2015 9:59	0.0801	0.0084	
11/18/2015 9:58	0.0794	0.0084	
11/18/2015 9:57	0.0789	0.0084	
11/18/2015 9:56	0.0784	0.0084	
11/18/2015 9:55	0.0777	0.0084	
11/18/2015 9:54	0.0769	0.0085	
11/18/2015 9:53	0.0762	0.0085	
11/18/2015 9:52	0.0754	0.0089	
11/18/2015 9:51	0.0747	0.0089	
11/18/2015 9:50	0.0742	0.0089	
11/18/2015 9:49	0.0737	0.009	
11/18/2015 9:48	0.0729	0.009	
11/18/2015 9:47	0.0722	0.009	
11/18/2015 9:46	0.0717	0.0091	
11/18/2015 9:45	0.0713	0.0091	
11/18/2015 9:44	0.0708	0.0092	
11/18/2015 9:43	0.0704	0.0093	
11/18/2015 9:42	0.0699	0.0093	
11/18/2015 9:41	0.0693	0.0095	
11/18/2015 9:40	0.0688	0.0095	
11/18/2015 9:39	0.0681	0.0096	
11/18/2015 9:38	0.0675	0.0096	
11/18/2015 9:37	0.0669	0.0093	
11/18/2015 9:36	0.0663	0.0093	
11/18/2015 9:35	0.0656	0.0094	
11/18/2015 9:34	0.0648	0.0095	
11/18/2015 9:33	0.0641	0.0095	
11/18/2015 9:32	0.0635	0.0096	
11/18/2015 9:31	0.0628	0.0097	
11/18/2015 9:30	0.0619	0.0097	
11/18/2015 9:29	0.0611	0.0097	
11/18/2015 9:28	0.0602	0.0097	
11/18/2015 9:27	0.0595	0.0098	
11/18/2015 9:26	0.0587	0.0098	
11/18/2015 9:25	0.0581	0.0098	
11/18/2015 9:24	0.0573	0.0098	
11/18/2015 9:23	0.0567	0.0099	
11/18/2015 9:22	0.0561	0.0099	
11/18/2015 9:21	0.0554	0.0099	
11/18/2015 9:20	0.0547	0.0099	
11/18/2015 9:19	0.054	0.0099	
11/18/2015 9:18	0.0533	0.0099	
11/18/2015 9:17	0.0524	0.01	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 9:16	0.0517	0.0101	
11/18/2015 9:15	0.051	0.0101	
11/18/2015 9:14	0.0503	0.0102	
11/18/2015 9:13	0.0494	0.0102	
11/18/2015 9:12	0.0486	0.0103	
11/18/2015 9:11	0.0477	0.0103	
11/18/2015 9:10	0.0467	0.0104	
11/18/2015 9:09	0.0456	0.0105	
11/18/2015 9:08	0.0444	0.0105	
11/18/2015 9:07	0.0432	0.0106	
11/18/2015 9:06	0.0421	0.0107	
11/18/2015 9:05	0.0409	0.0107	
11/18/2015 9:04	0.0388	0.0107	
11/18/2015 9:03	0.0375	0.0107	
11/18/2015 9:02	0.0375	0.0106	
11/18/2015 9:01	0.0361	0.0105	
11/18/2015 9:00	0.0348	0.0105	
11/18/2015 8:59	0.0336	0.0105	
11/18/2015 8:58	0.0325	0.0105	
11/18/2015 8:57	0.0311	0.0105	
11/18/2015 8:56	0.0299	0.0105	
11/18/2015 8:55	0.0286	0.0105	
11/18/2015 8:54	0.0275	0.0105	
11/18/2015 8:53	0.0264	0.0105	
11/18/2015 8:52	0.0253	0.0104	
11/18/2015 8:51	0.0239	0.0103	
11/18/2015 8:50	0.0227	0.0104	
11/18/2015 8:49	0.0214	0.0104	
11/18/2015 8:48	0.0203	0.0104	
11/18/2015 8:47	0.0191	0.0105	
11/18/2015 8:46	0.018	0.0105	
11/18/2015 8:45	0.0167	0.0106	
11/18/2015 8:44	0.0154	0.0107	
11/18/2015 8:43	0.0141	0.0107	
11/18/2015 8:42	0.0128	0.0107	
11/18/2015 8:41	0.0115	0.0107	
11/18/2015 8:40	0.0103	0.0107	
11/18/2015 8:39	0.0091	0.0107	
11/18/2015 8:38	0.0079	0.0107	
11/18/2015 8:37	0.0067	0.0108	
11/18/2015 8:36	0.0057	0.0109	
11/18/2015 8:35	0.0049	0.0109	
11/18/2015 8:34	0.004	0.011	
11/18/2015 8:33	0.0031	0.0109	
11/18/2015 8:32	0.0024	0.0109	
11/18/2015 8:31	0.0018	0.0109	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 8:30	0.0013	0.0109	
11/18/2015 8:29	0.0009	0.011	
11/18/2015 8:28	0.0005	0.011	
11/18/2015 8:27	0.0004	0.011	
11/18/2015 8:26	0.0002	0.011	
11/18/2015 8:25	0.0001	0.011	
11/18/2015 8:24	0	0.0111	
11/18/2015 8:23	0	0.0111	
11/18/2015 8:22	0	0.0111	
11/18/2015 8:21	0	0.0111	
11/18/2015 8:20	0	0.0111	
11/18/2015 8:19	0	0.0111	
11/18/2015 8:18	0	0.0112	
11/18/2015 8:17	0	0.0112	
11/18/2015 8:16	0	0.0112	
11/18/2015 8:15	0	0.0113	
11/18/2015 8:14	0	0.0112	
11/18/2015 8:13	0	0.0112	
11/18/2015 8:12	0	0.0112	
11/18/2015 8:11	0	0.0113	
11/18/2015 8:10	0	0.0115	
11/18/2015 8:09	0	0.012	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 15:23	0	0.0246	
1/12/2016 15:22	0	0.0249	
1/12/2016 15:21	0	0.0239	
1/12/2016 15:20	0	0.0246	
1/12/2016 15:19	0	0.0256	
1/12/2016 15:18	0	0.0268	
1/12/2016 15:17	0	0.0208	
1/12/2016 15:16	0	0.0207	
1/12/2016 15:15	0	0.0174	
1/12/2016 15:14	0	0.0173	
1/12/2016 15:13	0	0.0173	
1/12/2016 15:12	0	0.0171	
1/12/2016 15:11	0	0.0171	
1/12/2016 15:10	0	0.0161	
1/12/2016 15:09	0	0.0162	
1/12/2016 15:08	0	0.0162	
1/12/2016 15:07	0	0.0162	
1/12/2016 15:04	0		
1/12/2016 15:03	0	0.0162	
1/12/2016 15:02	0	0.0162	
1/12/2016 15:01	0	0.0161	
1/12/2016 15:00	0	0.0161	
1/12/2016 14:59	0	0.0161	
1/12/2016 14:58	0	0.0161	
1/12/2016 14:57	0	0.0161	
1/12/2016 14:56	0	0.0162	
1/12/2016 14:55	0	0.0163	
1/12/2016 14:54	0	0.0162	
1/12/2016 14:53	0	0.0161	
1/12/2016 14:52	0	0.0161	
1/12/2016 14:51	0	0.0161	
1/12/2016 14:50	0	0.0162	
1/12/2016 14:49	0	0.0163	
1/12/2016 14:48	0	0.0162	
1/12/2016 14:47	0	0.0163	
1/12/2016 14:46	0	0.0164	
1/12/2016 14:45	0	0.0165	
1/12/2016 14:44	0	0.0165	
1/12/2016 14:43	0	0.0167	
1/12/2016 14:42	0	0.0168	
1/12/2016 14:41	0	0.0169	
1/12/2016 14:40	0	0.0169	
1/12/2016 14:39	0	0.0171	
1/12/2016 14:38	0	0.0174	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 14:37	0	0.0176	
1/12/2016 14:36	0	0.0178	
1/12/2016 14:35	0	0.0179	
1/12/2016 14:34	0	0.018	
1/12/2016 14:33	0	0.0182	
1/12/2016 14:32	0	0.0183	
1/12/2016 14:31	0	0.0184	
1/12/2016 14:30	0	0.0186	
1/12/2016 14:29	0	0.0187	
1/12/2016 14:28	0	0.0188	
1/12/2016 14:27	0	0.0189	
1/12/2016 14:26	0	0.0191	
1/12/2016 14:25	0	0.0191	
1/12/2016 14:24	0	0.0192	
1/12/2016 14:23	0	0.0193	
1/12/2016 14:22	0	0.0193	
1/12/2016 14:21	0	0.0194	
1/12/2016 14:20	0	0.0195	
1/12/2016 14:19	0	0.0196	
1/12/2016 14:18	0	0.0197	
1/12/2016 14:17	0	0.0199	
1/12/2016 14:16	0	0.0199	
1/12/2016 14:15	0	0.02	
1/12/2016 14:14	0	0.0201	
1/12/2016 14:13	0	0.0203	
1/12/2016 14:12	0	0.0203	
1/12/2016 14:11	0	0.0203	
1/12/2016 14:10	0	0.0205	
1/12/2016 14:09	0	0.0205	
1/12/2016 14:08	0	0.0205	
1/12/2016 14:07	0	0.0207	
1/12/2016 14:06	0	0.0208	
1/12/2016 14:05	0	0.0209	
1/12/2016 14:04	0	0.03	
1/12/2016 14:03	0	0.0301	
1/12/2016 14:02	0	0.0301	
1/12/2016 14:01	0	0.0303	
1/12/2016 14:00	0	0.0303	
1/12/2016 13:59	0	0.0304	
1/12/2016 13:58	0	0.0305	
1/12/2016 13:57	0	0.0306	
1/12/2016 13:56	0	0.0307	
1/12/2016 13:55	0	0.0307	
1/12/2016 13:54	0	0.0309	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 13:53	0	0.0309	
1/12/2016 13:52	0	0.031	
1/12/2016 13:51	0	0.0311	
1/12/2016 13:50	0	0.0311	
1/12/2016 13:49	0	0.0221	
1/12/2016 13:48	0	0.0221	
1/12/2016 13:47	0	0.0222	
1/12/2016 13:46	0	0.0223	
1/12/2016 13:45	0	0.0223	
1/12/2016 13:44	0	0.0225	
1/12/2016 13:43	0	0.0225	
1/12/2016 13:42	0	0.0228	
1/12/2016 13:41	0	0.0229	
1/12/2016 13:40	0	0.023	
1/12/2016 13:39	0	0.0231	
1/12/2016 13:38	0	0.0232	
1/12/2016 13:37	0	0.0232	
1/12/2016 13:36	0	0.0233	
1/12/2016 13:35	0	0.0233	
1/12/2016 13:34	0	0.0235	
1/12/2016 13:33	0	0.0236	
1/12/2016 13:32	0	0.0236	
1/12/2016 13:31	0	0.0237	
1/12/2016 13:30	0	0.0238	
1/12/2016 13:29	0	0.0238	
1/12/2016 13:28	0	0.024	
1/12/2016 13:27	0	0.0238	
1/12/2016 13:26	0	0.0239	
1/12/2016 13:25	0	0.0239	
1/12/2016 13:24	0	0.0241	
1/12/2016 13:23	0	0.0241	
1/12/2016 13:22	0	0.0242	
1/12/2016 13:21	0	0.0242	
1/12/2016 13:20	0	0.0243	
1/12/2016 13:19	0	0.0244	
1/12/2016 13:16		0.0246	
1/12/2016 13:15	0	0.0246	
1/12/2016 13:14	0	0.0246	
1/12/2016 13:13	0	0.0246	
1/12/2016 13:12	0	0.0247	
1/12/2016 13:11	0	0.0248	
1/12/2016 13:10	0	0.0249	
1/12/2016 13:09	0	0.0249	
1/12/2016 13:08	0	0.025	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 13:07	0	0.0251	
1/12/2016 13:06	0	0.0252	
1/12/2016 13:05	0	0.0253	
1/12/2016 13:04	0	0.0253	
1/12/2016 13:03	0	0.0253	
1/12/2016 13:02	0	0.0253	
1/12/2016 13:01	0	0.0253	
1/12/2016 13:00	0	0.0257	
1/12/2016 12:59	0	0.0257	
1/12/2016 12:58	0	0.0257	
1/12/2016 12:57	0	0.0258	
1/12/2016 12:56	0	0.0258	
1/12/2016 12:55	0	0.0291	
1/12/2016 12:54	0	0.029	
1/12/2016 12:53	0	0.029	
1/12/2016 12:52	0	0.029	
1/12/2016 12:51	0	0.029	
1/12/2016 12:50	0	0.0293	
1/12/2016 12:49	0	0.0297	
1/12/2016 12:48	0	0.0297	
1/12/2016 12:47	0	0.0298	
1/12/2016 12:46	0	0.0298	
1/12/2016 12:45	0	0.0297	
1/12/2016 12:44	0	0.0297	
1/12/2016 12:43	0	0.0298	
1/12/2016 12:42	0	0.0298	
1/12/2016 12:41	0	0.0297	
1/12/2016 12:40	0	0.0265	
1/12/2016 12:39	0	0.0266	
1/12/2016 12:38	0	0.0267	
1/12/2016 12:37	0	0.0267	
1/12/2016 12:36	0	0.0267	
1/12/2016 12:35	0	0.0264	
1/12/2016 12:34	0	0.0261	
1/12/2016 12:33	0	0.0261	
1/12/2016 12:32	0	0.0261	
1/12/2016 12:31	0	0.0261	
1/12/2016 12:30	0	0.0259	
1/12/2016 12:29	0	0.0263	
1/12/2016 12:28	0	0.0262	
1/12/2016 12:27	0	0.0262	
1/12/2016 12:26	0	0.0263	
1/12/2016 12:25	0	0.0265	
1/12/2016 12:24	0	0.0267	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 12:23	0	0.0267	
1/12/2016 12:22	0	0.0267	
1/12/2016 12:21	0	0.0267	
1/12/2016 12:20	0	0.0266	
1/12/2016 12:19	0	0.0266	
1/12/2016 12:18	0	0.0266	
1/12/2016 12:17	0	0.0267	
1/12/2016 12:16	0	0.0269	
1/12/2016 12:15	0	0.0269	
1/12/2016 12:14	0	0.0266	
1/12/2016 12:13	0	0.0266	
1/12/2016 12:12	0	0.0265	
1/12/2016 12:11	0	0.0265	
1/12/2016 12:10	0	0.0263	
1/12/2016 12:09	0	0.0261	
1/12/2016 12:08	0	0.026	
1/12/2016 12:07	0	0.0259	
1/12/2016 12:06	0	0.0259	
1/12/2016 12:05	0	0.0259	
1/12/2016 12:04	0	0.0258	
1/12/2016 12:03	0	0.0257	
1/12/2016 12:02	0	0.0255	
1/12/2016 12:01	0	0.0253	
1/12/2016 12:00	0	0.0252	
1/12/2016 11:59	0	0.0251	
1/12/2016 11:58	0	0.0251	
1/12/2016 11:57	0	0.0251	
1/12/2016 11:56	0	0.025	
1/12/2016 11:55	0	0.0249	
1/12/2016 11:54	0	0.0247	
1/12/2016 11:53	0	0.0247	
1/12/2016 11:52	0	0.0247	
1/12/2016 11:51	0	0.0246	
1/12/2016 11:50	0	0.0245	
1/12/2016 11:49	0	0.0245	
1/12/2016 11:48	0	0.0244	
1/12/2016 11:47	0	0.0243	
1/12/2016 11:46	0	0.0243	
1/12/2016 11:45	0	0.0242	
1/12/2016 11:44	0	0.0241	
1/12/2016 11:43	0	0.0241	
1/12/2016 11:42	0	0.024	
1/12/2016 11:41	0	0.024	
1/12/2016 11:40	0	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 11:39	0	0.0251	
1/12/2016 11:38	0	0.025	
1/12/2016 11:37	0	0.025	
1/12/2016 11:36	0	0.025	
1/12/2016 11:35	0	0.025	
1/12/2016 11:34	0	0.025	
1/12/2016 11:33	0	0.0249	
1/12/2016 11:32	0	0.0249	
1/12/2016 11:31	0	0.0249	
1/12/2016 11:30	0	0.025	
1/12/2016 11:29	0	0.0249	
1/12/2016 11:28	0	0.0249	
1/12/2016 11:27	0	0.0249	
1/12/2016 11:26	0	0.0249	
1/12/2016 11:25	0	0.0249	
1/12/2016 11:24	0	0.0239	
1/12/2016 11:23	0	0.0239	
1/12/2016 11:22	0	0.0239	
1/12/2016 11:21	0	0.0239	
1/12/2016 11:20	0	0.0238	
1/12/2016 11:19	0	0.0238	
1/12/2016 11:18	0	0.0238	
1/12/2016 11:17	0	0.0238	
1/12/2016 11:16	0	0.0238	
1/12/2016 11:15	0	0.0238	
1/12/2016 11:14	0	0.0238	
1/12/2016 11:13	0	0.0238	
1/12/2016 11:12	0	0.0238	
1/12/2016 11:11	0	0.0238	
1/12/2016 11:10	0	0.0238	
1/12/2016 11:09	0	0.0238	
1/12/2016 11:08	0	0.0238	
1/12/2016 11:07	0	0.0238	
1/12/2016 11:06	0	0.0239	
1/12/2016 11:05	0	0.024	
1/12/2016 11:04	0	0.024	
1/12/2016 11:03	0	0.0241	
1/12/2016 11:02	0	0.0241	
1/12/2016 11:01	0	0.0241	
1/12/2016 11:00	0	0.024	
1/12/2016 10:59	0	0.0241	
1/12/2016 10:58	0	0.024	
1/12/2016 10:57	0	0.024	
1/12/2016 10:56	0	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 10:55	0	0.024	
1/12/2016 10:54	0	0.024	
1/12/2016 10:53	0	0.024	
1/12/2016 10:52	0	0.0239	
1/12/2016 10:51	0	0.0239	
1/12/2016 10:50	0	0.0238	
1/12/2016 10:49	0	0.0238	
1/12/2016 10:48	0	0.0237	
1/12/2016 10:47	0	0.0237	
1/12/2016 10:46	0	0.0237	
1/12/2016 10:45	0	0.0237	
1/12/2016 10:44	0	0.0237	
1/12/2016 10:43	0	0.0238	
1/12/2016 10:42	0	0.0238	
1/12/2016 10:41	0	0.0238	
1/12/2016 10:40	0	0.0238	
1/12/2016 10:39	0	0.0238	
1/12/2016 10:38	0	0.0238	
1/12/2016 10:37	0	0.0239	
1/12/2016 10:36	0	0.0239	
1/12/2016 10:35	0	0.0239	
1/12/2016 10:34	0	0.0239	
1/12/2016 10:33	0	0.0239	
1/12/2016 10:32	0	0.0239	
1/12/2016 10:31	0	0.024	
1/12/2016 10:30	0	0.0241	
1/12/2016 10:29	0	0.0241	
1/12/2016 10:28	0	0.024	
1/12/2016 10:27	0	0.024	
1/12/2016 10:26	0	0.024	
1/12/2016 10:25	0	0.024	
1/12/2016 10:24	0	0.024	
1/12/2016 10:23	0	0.024	
1/12/2016 10:22	0	0.024	
1/12/2016 10:21	0	0.024	
1/12/2016 10:20	0	0.024	
1/12/2016 10:19	0	0.024	
1/12/2016 10:18	0	0.024	
1/12/2016 10:17	0	0.024	
1/12/2016 10:16	0	0.0239	
1/12/2016 10:15	0	0.0244	
1/12/2016 10:14	0	0.0244	
1/12/2016 10:13	0	0.0245	
1/12/2016 10:12	0	0.0245	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 10:11	0	0.025	
1/12/2016 10:10	0	0.025	
1/12/2016 10:09	0	0.025	
1/12/2016 10:06	0	0.0249	
1/12/2016 10:05	0	0.0249	
1/12/2016 10:04	0	0.0249	
1/12/2016 10:03	0	0.0249	
1/12/2016 10:02	0	0.0249	
1/12/2016 10:01	0	0.0249	
1/12/2016 10:00	0	0.0246	
1/12/2016 9:59	0	0.0246	
1/12/2016 9:58	0	0.0246	
1/12/2016 9:57	0	0.0246	
1/12/2016 9:56	0	0.0241	
1/12/2016 9:55	0	0.0241	
1/12/2016 9:54	0	0.0241	
1/12/2016 9:53	0	0.0241	
1/12/2016 9:52	0	0.0241	
1/12/2016 9:51	0	0.0241	
1/12/2016 9:50	0	0.0241	
1/12/2016 9:49	0	0.0241	
1/12/2016 9:48	0	0.0241	
1/12/2016 9:47	0	0.024	
1/12/2016 9:46	0	0.024	
1/12/2016 9:45	0	0.0239	
1/12/2016 9:44	0	0.0239	
1/12/2016 9:43	0	0.0239	
1/12/2016 9:42	0	0.0238	
1/12/2016 9:41	0	0.0237	
1/12/2016 9:40	0	0.0237	
1/12/2016 9:39	0	0.0236	
1/12/2016 9:38	0	0.0235	
1/12/2016 9:37	0	0.0235	
1/12/2016 9:36	0	0.0236	
1/12/2016 9:35	0	0.0235	
1/12/2016 9:34	0	0.0235	
1/12/2016 9:33	0	0.0234	
1/12/2016 9:32	0	0.0234	
1/12/2016 9:31	0	0.0233	
1/12/2016 9:30	0	0.0233	
1/12/2016 9:29	0	0.0232	
1/12/2016 9:28	0	0.0231	
1/12/2016 9:27	0	0.0231	
1/12/2016 9:26	0	0.0231	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 9:25	0	0.023	
1/12/2016 9:24	0	0.023	
1/12/2016 9:23	0	0.0229	
1/12/2016 9:22	0	0.0229	
1/12/2016 9:21	0	0.0227	
1/12/2016 9:20	0	0.0227	
1/12/2016 9:19	0	0.0229	
1/12/2016 9:18	0	0.0229	
1/12/2016 9:17	0	0.0231	
1/12/2016 9:16	0	0.0231	
1/12/2016 9:15	0	0.023	
1/12/2016 9:14	0	0.0229	
1/12/2016 9:13	0	0.0229	
1/12/2016 9:12	0	0.023	
1/12/2016 9:11	0	0.0229	
1/12/2016 9:10	0	0.0229	
1/12/2016 9:09	0	0.0231	
1/12/2016 9:08	0	0.0231	
1/12/2016 9:07	0	0.0234	
1/12/2016 9:06	0	0.0234	
1/12/2016 9:05	0	0.0233	
1/12/2016 9:04	0	0.0229	
1/12/2016 9:03	0	0.0229	
1/12/2016 9:02	0	0.0229	
1/12/2016 9:01	0	0.0229	
1/12/2016 9:00	0	0.0228	
1/12/2016 8:59	0	0.0227	
1/12/2016 8:58	0	0.0227	
1/12/2016 8:57	0	0.0224	
1/12/2016 8:56	0	0.0223	
1/12/2016 8:55	0	0.0223	
1/12/2016 8:54	0	0.022	
1/12/2016 8:53	0	0.0219	
1/12/2016 8:52	0	0.0214	
1/12/2016 8:51	0	0.0213	
1/12/2016 8:50	0	0.0213	
1/12/2016 8:49	0	0.0213	
1/12/2016 8:48	0	0.0213	
1/12/2016 8:47	0	0.0209	
1/12/2016 8:46	0	0.0208	
1/12/2016 8:45	0	0.0207	
1/12/2016 8:44	0	0.0207	
1/12/2016 8:43	0	0.0207	
1/12/2016 8:42	0	0.0208	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/12/2016 8:41	0	0.0207	
1/12/2016 8:40	0	0.0207	
1/12/2016 8:39	0	0.0207	
1/12/2016 8:38	0	0.0206	
1/12/2016 8:37	0	0.0207	
1/12/2016 8:36	0	0.021	
1/12/2016 8:35	0	0.021	
1/12/2016 8:34	0	0.021	
1/11/2016 17:14	0.16	0.0114	
1/11/2016 17:13	0.16	0.0114	
1/11/2016 17:12	0.157	0.0113	
1/11/2016 17:11	0.157	0.0115	
1/11/2016 17:10	0.157	0.0113	
1/11/2016 17:09	0.154	0.0113	
1/11/2016 17:08	0.151	0.0131	
1/11/2016 17:07	0.15	0.013	
1/11/2016 17:06	0.15	0.013	
1/11/2016 17:05	0.15	0.013	
1/11/2016 17:04	0.146	0.013	
1/11/2016 17:03	0.146	0.013	
1/11/2016 17:02	0.145	0.0131	
1/11/2016 17:01	0.143	0.0131	
1/11/2016 17:00	0.142	0.0131	
1/11/2016 16:59	0.137	0.013	
1/11/2016 16:58	0.137	0.013	
1/11/2016 16:57	0.136	0.0131	
1/11/2016 16:56	0.135	0.0129	
1/11/2016 16:55	0.134	0.0129	
1/11/2016 16:54	0.132	0.0129	
1/11/2016 16:53	0.13	0.011	
1/11/2016 16:52	0.126	0.0109	
1/11/2016 16:51	0.123	0.0109	
1/11/2016 16:50	0.123	0.0108	
1/11/2016 16:49	0.12	0.0108	
1/11/2016 16:48	0.119	0.0108	
1/11/2016 16:47	0.119	0.0108	
1/11/2016 16:46	0.118	0.0109	
1/11/2016 16:45	0.112	0.0108	
1/11/2016 16:44	0.108	0.0108	
1/11/2016 16:43	0.108	0.0108	
1/11/2016 16:42	0.108	0.0108	
1/11/2016 16:41	0.101	0.0107	
1/11/2016 16:40	0.101	0.0107	
1/11/2016 16:39	0.101	0.0107	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 16:38	0.101	0.0107	
1/11/2016 16:37	0.097	0.0107	
1/11/2016 16:36	0.095	0.0107	
1/11/2016 16:35	0.087	0.0107	
1/11/2016 16:34	0.084	0.0107	
1/11/2016 16:33	0.084	0.0107	
1/11/2016 16:32	0.081	0.0106	
1/11/2016 16:31	0.079	0.0105	
1/11/2016 16:30	0.075	0.0105	
1/11/2016 16:29	0.072	0.0105	
1/11/2016 16:28	0.071	0.0105	
1/11/2016 16:27	0.067	0.0107	
1/11/2016 16:26	0.066	0.0107	
1/11/2016 16:25	0.059	0.0106	
1/11/2016 16:24	0.055	0.0105	
1/11/2016 16:23	0.055	0.0105	
1/11/2016 16:22	0.048	0.0104	
1/11/2016 16:21	0.048	0.0104	
1/11/2016 16:20	0.044	0.0104	
1/11/2016 16:19	0.043	0.0104	
1/11/2016 16:18	0.038	0.0103	
1/11/2016 16:17	0.034	0.0104	
1/11/2016 16:16	0.031	0.0104	
1/11/2016 16:15	0.023	0.0103	
1/11/2016 16:14	0.018	0.0103	
1/11/2016 16:13	0.018	0.0103	
1/11/2016 16:12	0.018	0.01	
1/11/2016 16:11	0.018	0.01	
1/11/2016 16:10	0.018	0.01	
1/11/2016 16:09	0.018	0.01	
1/11/2016 16:08	0.018	0.01	
1/11/2016 16:07	0.018	0.01	
1/11/2016 16:06	0.018	0.01	
1/11/2016 16:05	0.018	0.01	
1/11/2016 16:04	0.018	0.01	
1/11/2016 16:03	0.018	0.01	
1/11/2016 16:02	0.018	0.0097	
1/11/2016 16:01	0.018	0.0095	
1/11/2016 16:00	0.018	0.01	
1/11/2016 15:58			
1/11/2016 14:20		0.0515	
1/11/2016 14:19	0.219	0.0115	
1/11/2016 14:18	0.219	0.0114	
1/11/2016 14:17	0.219	0.0114	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 14:16	0.219	0.0115	
1/11/2016 14:15	0.219	0.0113	
1/11/2016 14:14	0.219	0.0113	
1/11/2016 14:13	0.219	0.0113	
1/11/2016 14:12	0.22	0.0113	
1/11/2016 14:11	0.22	0.0114	
1/11/2016 14:10	0.22	0.0111	
1/11/2016 14:09	0.22	0.0111	
1/11/2016 14:08	0.221	0.0111	
1/11/2016 14:07	0.22	0.0111	
1/11/2016 14:06	0.22	0.011	
1/11/2016 14:05	0.219	0.0109	
1/11/2016 14:04	0.219	0.0109	
1/11/2016 14:03	0.219	0.0109	
1/11/2016 14:02	0.219	0.0108	
1/11/2016 14:01	0.219	0.0106	
1/11/2016 14:00	0.219	0.0106	
1/11/2016 13:58	0.219	0.0105	
1/11/2016 13:57	0.219	0.0105	
1/11/2016 13:56	0.219	0.0104	
1/11/2016 13:55	0.218	0.0104	
1/11/2016 13:54	0.218	0.0104	
1/11/2016 13:53	0.218	0.0103	
1/11/2016 13:52	0.218	0.0103	
1/11/2016 13:51	0.218	0.0103	
1/11/2016 13:50	0.218	0.0103	
1/11/2016 13:49	0.218	0.0102	
1/11/2016 13:48	0.218	0.0102	
1/11/2016 13:47	0.218	0.0102	
1/11/2016 13:46	0.218	0.0102	
1/11/2016 13:45	0.218	0.0103	
1/11/2016 13:44	0.218	0.0103	
1/11/2016 13:43	0.218	0.0104	
1/11/2016 13:42	0.218	0.0108	
1/11/2016 13:41	0.218	0.0108	
1/11/2016 13:40	0.219	0.0108	
1/11/2016 13:39	0.219	0.0107	
1/11/2016 13:38	0.219	0.0108	
1/11/2016 13:37	0.219	0.0109	
1/11/2016 13:36	0.217	0.0109	
1/11/2016 13:35	0.217	0.0109	
1/11/2016 13:34	0.217	0.0109	
1/11/2016 13:32	0.217	0.0109	
1/11/2016 13:31	0.217	0.0109	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 13:30	0.217	0.0108	
1/11/2016 13:29	0.217	0.0108	
1/11/2016 13:28	0.217	0.0107	
1/11/2016 13:27	0.217	0.0102	
1/11/2016 13:26	0.217	0.0102	
1/11/2016 13:25	0.217	0.0103	
1/11/2016 13:24	0.217	0.0103	
1/11/2016 13:23	0.217	0.0103	
1/11/2016 13:22	0.217	0.0103	
1/11/2016 13:21	0.217	0.0102	
1/11/2016 13:20	0.217	0.0102	
1/11/2016 13:19	0.217	0.0102	
1/11/2016 13:18	0.217	0.0102	
1/11/2016 13:17	0.217	0.0104	
1/11/2016 13:16	0.216	0.0104	
1/11/2016 13:15	0.216	0.0105	
1/11/2016 13:14	0.216	0.0109	
1/11/2016 13:13	0.216	0.0109	
1/11/2016 13:12	0.216	0.0109	
1/11/2016 13:11	0.216	0.0109	
1/11/2016 13:10	0.216	0.0109	
1/11/2016 13:09	0.216	0.011	
1/11/2016 13:08	0.216	0.012	
1/11/2016 13:06	0.216	0.0119	
1/11/2016 13:05	0.216	0.012	
1/11/2016 13:04	0.216	0.012	
1/11/2016 13:03	0.216	0.0121	
1/11/2016 13:02	0.216	0.012	
1/11/2016 13:01	0.217	0.012	
1/11/2016 13:00	0.218	0.012	
1/11/2016 12:59	0.218	0.0116	
1/11/2016 12:58	0.219	0.0119	
1/11/2016 12:57	0.219	0.012	
1/11/2016 12:56	0.22	0.0121	
1/11/2016 12:55	0.221	0.0123	
1/11/2016 12:54	0.219	0.0123	
1/11/2016 12:53	0.219	0.0113	
1/11/2016 12:52	0.219	0.0113	
1/11/2016 12:51	0.219	0.0114	
1/11/2016 12:50	0.219	0.0114	
1/11/2016 12:49	0.219	0.0115	
1/11/2016 12:48	0.219	0.0114	
1/11/2016 12:47	0.219	0.0114	
1/11/2016 12:46	0.219	0.0115	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 12:45	0.217	0.0115	
1/11/2016 12:44	0.217	0.0115	
1/11/2016 12:43	0.217	0.0113	
1/11/2016 12:42	0.217	0.0113	
1/11/2016 12:41	0.217	0.0115	
1/11/2016 12:40	0.217	0.0113	
1/11/2016 12:39	0.217	0.0115	
1/11/2016 12:38	0.217	0.0116	
1/11/2016 12:37	0.217	0.0116	
1/11/2016 12:36	0.217	0.0116	
1/11/2016 12:35	0.217	0.0116	
1/11/2016 12:34	0.217	0.0116	
1/11/2016 12:33	0.217	0.0116	
1/11/2016 12:32	0.217	0.0116	
1/11/2016 12:31	0.217	0.0116	
1/11/2016 12:30	0.218	0.0116	
1/11/2016 12:29	0.218	0.0116	
1/11/2016 12:28	0.218	0.0115	
1/11/2016 12:27	0.218	0.0115	
1/11/2016 12:26	0.218	0.0113	
1/11/2016 12:25	0.218	0.0113	
1/11/2016 12:24	0.218	0.011	
1/11/2016 12:23	0.218	0.0109	
1/11/2016 12:22	0.218	0.0108	
1/11/2016 12:21	0.218	0.0108	
1/11/2016 12:20	0.218	0.0108	
1/11/2016 12:19	0.219	0.0108	
1/11/2016 12:18	0.219	0.0107	
1/11/2016 12:17	0.219	0.0107	
1/11/2016 12:16	0.219	0.0107	
1/11/2016 12:15	0.219	0.0107	
1/11/2016 12:14	0.219	0.0107	
1/11/2016 12:13	0.219	0.0106	
1/11/2016 12:12	0.219	0.0105	
1/11/2016 12:11	0.22	0.0105	
1/11/2016 12:10	0.22	0.0105	
1/11/2016 12:09	0.22	0.0105	
1/11/2016 12:08	0.22	0.0105	
1/11/2016 12:07	0.22	0.0105	
1/11/2016 12:06	0.22	0.0104	
1/11/2016 12:05	0.22	0.0103	
1/11/2016 12:04	0.22	0.0103	
1/11/2016 12:03	0.223	0.0103	
1/11/2016 12:02	0.223	0.0102	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 12:01	0.223	0.019	
1/11/2016 12:00	0.223	0.0196	
1/11/2016 11:59	0.223	0.0202	
1/11/2016 11:58	0.223	0.0211	
1/11/2016 11:57	0.223	0.0211	
1/11/2016 11:56	0.223	0.0211	
1/11/2016 11:55	0.223	0.0211	
1/11/2016 11:54	0.223	0.0213	
1/11/2016 11:53	0.223	0.0213	
1/11/2016 11:52	0.223	0.0214	
1/11/2016 11:51	0.223	0.0214	
1/11/2016 11:50	0.223	0.0214	
1/11/2016 11:49	0.224	0.0231	
1/11/2016 11:48	0.224	0.0232	
1/11/2016 11:47	0.224	0.0232	
1/11/2016 11:43	0.223	0.0119	
1/11/2016 11:42	0.223	0.012	
1/11/2016 11:41	0.223	0.012	
1/11/2016 11:40	0.223	0.0121	
1/11/2016 11:39	0.223	0.0119	
1/11/2016 11:38	0.223	0.0119	
1/11/2016 11:37	0.223	0.0299	
1/11/2016 11:36	0.223	0.0315	
1/11/2016 11:35	0.223	0.0374	
1/11/2016 11:34	0.223	0.0366	
1/11/2016 11:33	0.222	0.0366	
1/11/2016 11:32	0.222	0.0367	
1/11/2016 11:31	0.22	0.0366	
1/11/2016 11:30	0.22	0.0368	
1/11/2016 11:29	0.22	0.0367	
1/11/2016 11:28	0.22	0.0367	
1/11/2016 11:27	0.22	0.0367	
1/11/2016 11:26	0.22	0.0369	
1/11/2016 11:25	0.22	0.0369	
1/11/2016 11:24	0.22	0.0368	
1/11/2016 11:23	0.22	0.0372	
1/11/2016 11:22	0.22	0.0191	
1/11/2016 11:21	0.22	0.0175	
1/11/2016 11:20	0.22	0.0247	
1/11/2016 11:19	0.22	0.0242	
1/11/2016 11:18	0.22	0.0241	
1/11/2016 11:17	0.22	0.0293	
1/11/2016 11:16	0.22	0.0295	
1/11/2016 11:15	0.22	0.0297	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 11:14	0.22	0.0297	
1/11/2016 11:13	0.22	0.0297	
1/11/2016 11:12	0.22	0.0313	
1/11/2016 11:11	0.22	0.0311	
1/11/2016 11:10	0.22	0.0311	
1/11/2016 11:09	0.219	0.0313	
1/11/2016 11:08	0.219	0.0311	
1/11/2016 11:07	0.219	0.0326	
1/11/2016 11:06	0.219	0.0343	
1/11/2016 11:05	0.219	0.0192	
1/11/2016 11:04	0.216	0.0193	
1/11/2016 11:03	0.216	0.0195	
1/11/2016 11:02	0.215	0.0155	
1/11/2016 11:01	0.215	0.0242	
1/11/2016 11:00	0.215	0.024	
1/11/2016 10:59	0.215	0.0239	
1/11/2016 10:58	0.215	0.0239	
1/11/2016 10:57	0.215	0.022	
1/11/2016 10:56	0.215	0.0221	
1/11/2016 10:55	0.215	0.022	
1/11/2016 10:54	0.215	0.0219	
1/11/2016 10:52	0.214		
1/11/2016 10:51	0.214	0.0202	
1/11/2016 10:50	0.213	0.0203	
1/11/2016 10:49	0.213	0.0202	
1/11/2016 10:48	0.213	0.0201	
1/11/2016 10:47	0.211	0.0182	
1/11/2016 10:46	0.211	0.0105	
1/11/2016 10:45	0.211	0.0103	
1/11/2016 10:44	0.208	0.0111	
1/11/2016 10:43	0.208	0.0112	
1/11/2016 10:42	0.208	0.0112	
1/11/2016 10:41	0.208	0.0111	
1/11/2016 10:40	0.208	0.0111	
1/11/2016 10:39	0.208	0.0111	
1/11/2016 10:38	0.207	0.0111	
1/11/2016 10:37	0.207	0.0111	
1/11/2016 10:36	0.206	0.0111	
1/11/2016 10:35	0.206	0.0137	
1/11/2016 10:34	0.205	0.0137	
1/11/2016 10:33	0.205	0.015	
1/11/2016 10:32	0.205	0.0162	
1/11/2016 10:31	0.203	0.0162	
1/11/2016 10:30	0.203	0.0176	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 10:29	0.203	0.0217	
1/11/2016 10:28	0.203	0.0221	
1/11/2016 10:27	0.201	0.0237	
1/11/2016 10:26	0.201	0.0247	
1/11/2016 10:25	0.199	0.0247	
1/11/2016 10:24	0.199	0.0247	
1/11/2016 10:23	0.199	0.0247	
1/11/2016 10:22	0.199	0.0247	
1/11/2016 10:21	0.199	0.0247	
1/11/2016 10:20	0.197	0.0225	
1/11/2016 10:19	0.195	0.0243	
1/11/2016 10:18	0.195	0.023	
1/11/2016 10:17	0.193	0.0218	
1/11/2016 10:16	0.193	0.0218	
1/11/2016 10:15	0.192	0.0204	
1/11/2016 10:14	0.191	0.0165	
1/11/2016 10:13	0.19	0.0161	
1/11/2016 10:12	0.19	0.0148	
1/11/2016 10:11	0.19	0.0141	
1/11/2016 10:10	0.19	0.0144	
1/11/2016 10:09	0.186	0.0145	
1/11/2016 10:08	0.186	0.0145	
1/11/2016 10:07	0.182	0.0172	
1/11/2016 10:06	0.18	0.0335	
1/11/2016 10:05	0.18	0.0328	
1/11/2016 10:04	0.179	0.0308	
1/11/2016 10:03	0.176	0.0308	
1/11/2016 10:02	0.176	0.0308	
1/11/2016 10:01	0.174	0.0308	
1/11/2016 10:00	0.173	0.0308	
1/11/2016 9:59	0.172	0.0296	
1/11/2016 9:58	0.172	0.0296	
1/11/2016 9:55	0.169	0.0267	
1/11/2016 9:54	0.167	0.0267	
1/11/2016 9:53	0.167	0.0267	
1/11/2016 9:52	0.163	0.0243	
1/11/2016 9:51	0.162	0.0101	
1/11/2016 9:50	0.162	0.0103	
1/11/2016 9:49	0.162	0.0103	
1/11/2016 9:48	0.159	0.0103	
1/11/2016 9:47	0.158	0.0103	
1/11/2016 9:46	0.156	0.0103	
1/11/2016 9:45	0.156	0.0103	
1/11/2016 9:44	0.154	0.0103	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 9:43	0.151	0.0103	
1/11/2016 9:42	0.151	0.0146	
1/11/2016 9:41	0.149	0.0146	
1/11/2016 9:40	0.145	0.0145	
1/11/2016 9:39	0.142	0.0146	
1/11/2016 9:38	0.14	0.0146	
1/11/2016 9:37	0.139	0.0146	
1/11/2016 9:36	0.139	0.0146	
1/11/2016 9:35	0.137	0.0237	
1/11/2016 9:34	0.134	0.0237	
1/11/2016 9:33	0.133	0.0237	
1/11/2016 9:32	0.13	0.1111	
1/11/2016 9:31	0.128	0.1118	
1/11/2016 9:30	0.126	0.1117	
1/11/2016 9:29	0.125	0.1117	
1/11/2016 9:28	0.124	0.1115	
1/11/2016 9:27	0.123	0.1073	
1/11/2016 9:26	0.119	0.1073	
1/11/2016 9:25	0.118	0.1073	
1/11/2016 9:24	0.116	0.1072	
1/11/2016 9:23	0.112	0.1072	
1/11/2016 9:22	0.111	0.1072	
1/11/2016 9:21	0.109	0.1071	
1/11/2016 9:20	0.105	0.0978	
1/11/2016 9:19	0.103	0.0977	
1/11/2016 9:18	0.1	0.0977	
1/11/2016 9:17	0.097	0.0103	
1/11/2016 9:16	0.097	0.01	
1/11/2016 9:15	0.096	0.0099	
1/11/2016 9:14	0.092	0.0099	
1/11/2016 9:13	0.09	0.0099	
1/11/2016 9:12	0.086	0.0099	
1/11/2016 9:11	0.083	0.0098	
1/11/2016 9:10	0.079	0.0097	
1/11/2016 9:09	0.078	0.0097	
1/11/2016 9:08	0.077	0.0095	
1/11/2016 9:07	0.075	0.0095	
1/11/2016 9:06	0.073	0.0094	
1/11/2016 9:05	0.07	0.0094	
1/11/2016 9:04	0.066	0.0093	
1/11/2016 9:03	0.065	0.0093	
1/11/2016 9:02	0.059	0.0093	
1/11/2016 9:01	0.057	0.0087	
1/11/2016 9:00	0.057	0.0087	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 8:59	0.053	0.0087	
1/11/2016 8:58	0.049	0.0086	
1/11/2016 8:57	0.047	0.0085	
1/11/2016 8:56	0.044	0.0085	
1/11/2016 8:55	0.044	0.0084	
1/11/2016 8:54	0.039	0.0084	
1/11/2016 8:53	0.036	0.0085	
1/11/2016 8:52	0.034	0.0084	
1/11/2016 8:51	0.032	0.0084	
1/11/2016 8:50	0.032	0.0084	
1/11/2016 8:49	0.032	0.0084	
1/11/2016 8:48	0.026	0.0083	
1/11/2016 8:47	0.021	0.0083	
1/11/2016 8:46	0.018	0.0083	
1/11/2016 8:45	0.017	0.0082	
1/11/2016 8:44	0.013	0.0081	
1/11/2016 8:43	0.012	0.008	
1/11/2016 8:42	0.008	0.008	
1/11/2016 8:41	0.006	0.008	
1/11/2016 8:40	0.001	0.0079	
1/11/2016 8:39	0	0.0078	
1/11/2016 8:38	0	0.0077	
1/11/2016 8:37	0	0.0076	
1/11/2016 8:34	0		
1/11/2016 8:33	0	0.0075	
1/11/2016 8:32	0	0.0074	
1/11/2016 8:31	0	0.0073	
1/11/2016 8:30	0	0.0073	
1/11/2016 8:29	0	0.0073	
1/11/2016 8:28	0	0.0073	
1/11/2016 8:27	0	0.0073	
1/11/2016 8:26	0	0.0071	
1/11/2016 8:25	0	0.0071	
1/11/2016 8:24	0	0.007	
1/11/2016 8:23	0	0.007	
1/11/2016 8:22	0	0.007	
1/11/2016 8:21	0	0.007	
1/11/2016 8:20	0	0.0069	
1/11/2016 8:19	0	0.0069	
1/11/2016 8:18	0	0.0069	
1/11/2016 8:17	0	0.0069	
1/11/2016 8:16	0	0.0069	
1/11/2016 8:15	0	0.0069	
1/11/2016 8:14	0	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/11/2016 8:13	0	0.0068	
1/11/2016 8:12	0	0.0067	
1/11/2016 8:11	0	0.0068	
1/11/2016 8:09		0.007	
1/11/2016 8:08	0	0.007	
1/11/2016 8:07	0	0.007	
1/11/2016 8:06	0	0.007	
1/11/2016 8:05	0	0.008	
1/11/2016 8:04	0		
1/8/2016 18:10	0.273		
1/8/2016 18:09	0.273	0.0199	
1/8/2016 18:08	0.273	0.0199	
1/8/2016 18:07	0.273	0.0199	
1/8/2016 18:06	0.273	0.0199	
1/8/2016 18:05	0.273	0.0199	
1/8/2016 18:04	0.273	0.0199	
1/8/2016 18:03	0.273	0.0199	
1/8/2016 18:02	0.273	0.0199	
1/8/2016 18:01	0.273	0.0199	
1/8/2016 18:00	0.273	0.0199	
1/8/2016 17:59	0.273	0.0199	
1/8/2016 17:58	0.273	0.0199	
1/8/2016 17:57	0.273	0.0198	
1/8/2016 17:56	0.272	0.0198	
1/8/2016 17:55	0.272	0.0198	
1/8/2016 17:54	0.272	0.0198	
1/8/2016 17:53	0.271	0.0198	
1/8/2016 17:52	0.271	0.0198	
1/8/2016 17:51	0.271	0.0198	
1/8/2016 17:50	0.271	0.0198	
1/8/2016 17:49	0.271	0.0198	
1/8/2016 17:48	0.271	0.0199	
1/8/2016 17:47	0.271	0.0199	
1/8/2016 17:46	0.271	0.0199	
1/8/2016 17:45	0.271	0.0199	
1/8/2016 17:44	0.271	0.0199	
1/8/2016 17:43	0.271	0.0199	
1/8/2016 17:42	0.271	0.02	
1/8/2016 17:41	0.271	0.02	
1/8/2016 17:40	0.271	0.02	
1/8/2016 17:39	0.27	0.0201	
1/8/2016 17:38	0.27	0.0201	
1/8/2016 17:37	0.27	0.0201	
1/8/2016 17:36	0.27	0.0201	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 17:35	0.27	0.0201	
1/8/2016 17:34	0.27	0.0201	
1/8/2016 17:33	0.268	0.0201	
1/8/2016 17:32	0.268	0.0202	
1/8/2016 17:31	0.268	0.0202	
1/8/2016 17:30	0.268	0.0203	
1/8/2016 17:29	0.268	0.0203	
1/8/2016 17:28	0.268	0.0203	
1/8/2016 17:27	0.268	0.0205	
1/8/2016 17:26	0.268	0.0205	
1/8/2016 17:25	0.268	0.0207	
1/8/2016 17:24	0.268	0.0207	
1/8/2016 17:23	0.268	0.0208	
1/8/2016 17:22	0.268	0.0209	
1/8/2016 17:21	0.268	0.021	
1/8/2016 17:20	0.268	0.0211	
1/8/2016 17:19	0.268	0.0211	
1/8/2016 17:18	0.269	0.0213	
1/8/2016 17:17	0.269	0.0213	
1/8/2016 17:16	0.269	0.0214	
1/8/2016 17:15	0.269	0.0214	
1/8/2016 17:14	0.269	0.0215	
1/8/2016 17:13	0.268	0.0216	
1/8/2016 17:12	0.268	0.0216	
1/8/2016 17:11	0.268	0.0217	
1/8/2016 17:10	0.268	0.0217	
1/8/2016 17:09	0.268	0.0217	
1/8/2016 17:08	0.268	0.0217	
1/8/2016 17:07	0.268	0.0217	
1/8/2016 17:06	0.268	0.0217	
1/8/2016 17:05	0.268	0.0218	
1/8/2016 17:04	0.268	0.0219	
1/8/2016 17:03	0.268	0.0219	
1/8/2016 17:02	0.268	0.0219	
1/8/2016 17:01	0.268	0.022	
1/8/2016 17:00	0.268	0.0221	
1/8/2016 16:59	0.268	0.0221	
1/8/2016 16:58	0.268	0.0221	
1/8/2016 16:57	0.268	0.0221	
1/8/2016 16:56	0.268	0.0222	
1/8/2016 16:55	0.268	0.0222	
1/8/2016 16:54	0.268	0.0223	
1/8/2016 16:53	0.267	0.0223	
1/8/2016 16:52	0.267	0.0223	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 16:51	0.267	0.0224	
1/8/2016 16:50	0.267	0.0225	
1/8/2016 16:49	0.266	0.0225	
1/8/2016 16:48	0.266	0.0225	
1/8/2016 16:47	0.266	0.0227	
1/8/2016 16:46	0.265	0.0228	
1/8/2016 16:45	0.265	0.023	
1/8/2016 16:44	0.265	0.0232	
1/8/2016 16:43	0.265	0.0233	
1/8/2016 16:42	0.265	0.0234	
1/8/2016 16:41	0.265	0.0236	
1/8/2016 16:40	0.265	0.0239	
1/8/2016 16:39	0.264	0.024	
1/8/2016 16:38	0.264	0.0243	
1/8/2016 16:37	0.264	0.0244	
1/8/2016 16:36	0.264	0.0247	
1/8/2016 16:35	0.264	0.0249	
1/8/2016 16:34	0.264	0.0252	
1/8/2016 16:33	0.264	0.0254	
1/8/2016 16:32	0.264	0.0256	
1/8/2016 16:31	0.264	0.0258	
1/8/2016 16:30	0.264	0.0259	
1/8/2016 16:29	0.264	0.0261	
1/8/2016 16:27		0.0263	
1/8/2016 16:26	0.264	0.0265	
1/8/2016 16:25	0.264	0.0266	
1/8/2016 16:24	0.264	0.0268	
1/8/2016 16:23	0.263	0.0269	
1/8/2016 16:22	0.262	0.0271	
1/8/2016 16:21	0.262	0.027	
1/8/2016 16:20	0.262	0.0271	
1/8/2016 16:19	0.262	0.0271	
1/8/2016 16:18	0.262	0.0271	
1/8/2016 16:17	0.262	0.027	
1/8/2016 16:16	0.262	0.0269	
1/8/2016 16:15	0.262	0.0269	
1/8/2016 16:14	0.262	0.0269	
1/8/2016 16:13	0.261	0.0268	
1/8/2016 16:12	0.261	0.0268	
1/8/2016 16:11	0.261	0.0267	
1/8/2016 16:10	0.261	0.0266	
1/8/2016 16:09	0.261	0.0265	
1/8/2016 16:08	0.261	0.0263	
1/8/2016 16:07	0.261	0.0262	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 16:06	0.261	0.0262	
1/8/2016 16:05	0.261	0.0261	
1/8/2016 16:04	0.261	0.0261	
1/8/2016 16:03	0.26	0.0261	
1/8/2016 16:02	0.26	0.0261	
1/8/2016 16:01	0.26	0.0261	
1/8/2016 16:00	0.26	0.0261	
1/8/2016 15:59	0.26	0.0262	
1/8/2016 15:58	0.26	0.0263	
1/8/2016 15:57	0.258	0.0263	
1/8/2016 15:56	0.258	0.0264	
1/8/2016 15:55	0.258	0.0265	
1/8/2016 15:54	0.258	0.0265	
1/8/2016 15:53	0.258	0.0267	
1/8/2016 15:52	0.258	0.0269	
1/8/2016 15:51	0.258	0.0271	
1/8/2016 15:50	0.258	0.0272	
1/8/2016 15:49	0.258	0.0274	
1/8/2016 15:48	0.258	0.0278	
1/8/2016 15:47	0.258	0.0282	
1/8/2016 15:46	0.258	0.0286	
1/8/2016 15:45	0.258	0.0289	
1/8/2016 15:44	0.258	0.0291	
1/8/2016 15:43	0.258	0.0295	
1/8/2016 15:42	0.258	0.0298	
1/8/2016 15:41	0.258	0.0302	
1/8/2016 15:40	0.258	0.0306	
1/8/2016 15:39	0.258	0.031	
1/8/2016 15:38	0.258	0.0313	
1/8/2016 15:37	0.258	0.0317	
1/8/2016 15:36	0.258	0.0319	
1/8/2016 15:35	0.258	0.0325	
1/8/2016 15:34	0.258	0.0327	
1/8/2016 15:33	0.258	0.0328	
1/8/2016 15:32	0.258	0.0329	
1/8/2016 15:31	0.258	0.0331	
1/8/2016 15:30	0.258	0.0333	
1/8/2016 15:29	0.258	0.0335	
1/8/2016 15:28	0.258	0.0337	
1/8/2016 15:27	0.258	0.0339	
1/8/2016 15:26	0.258	0.0341	
1/8/2016 15:25	0.258	0.0343	
1/8/2016 15:24	0.258	0.0346	
1/8/2016 15:23	0.259	0.0348	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 15:22	0.258	0.0351	
1/8/2016 15:21	0.258	0.0353	
1/8/2016 15:20	0.258	0.0354	
1/8/2016 15:19	0.258	0.0356	
1/8/2016 15:18	0.258	0.0358	
1/8/2016 15:17	0.258	0.0362	
1/8/2016 15:16	0.258	0.0366	
1/8/2016 15:15	0.258	0.0371	
1/8/2016 15:14	0.258	0.0375	
1/8/2016 15:13	0.258	0.0379	
1/8/2016 15:12	0.258	0.0384	
1/8/2016 15:11	0.258	0.0388	
1/8/2016 15:10	0.258	0.0391	
1/8/2016 15:09	0.258	0.0395	
1/8/2016 15:08	0.258	0.0398	
1/8/2016 15:07	0.258	0.0402	
1/8/2016 15:06	0.258	0.0406	
1/8/2016 15:04			
1/8/2016 15:03	0.257	0.0409	
1/8/2016 15:02	0.257	0.041	
1/8/2016 15:01	0.257	0.0411	
1/8/2016 15:00	0.257	0.0413	
1/8/2016 14:59	0.257	0.0415	
1/8/2016 14:58	0.257	0.0416	
1/8/2016 14:57	0.257	0.0417	
1/8/2016 14:56	0.257	0.0418	
1/8/2016 14:55	0.257	0.042	
1/8/2016 14:54	0.257	0.042	
1/8/2016 14:53	0.257	0.0421	
1/8/2016 14:52	0.257	0.0421	
1/8/2016 14:51	0.257	0.0422	
1/8/2016 14:50	0.257	0.0423	
1/8/2016 14:49	0.257	0.0425	
1/8/2016 14:48	0.257	0.043	
1/8/2016 14:47	0.257	0.0432	
1/8/2016 14:46	0.257	0.0435	
1/8/2016 14:45	0.256	0.0438	
1/8/2016 14:44	0.256	0.0443	
1/8/2016 14:43	0.256	0.0448	
1/8/2016 14:42	0.256	0.0454	
1/8/2016 14:41	0.256	0.0458	
1/8/2016 14:38	0.256		
1/8/2016 14:37	0.256	0.047	
1/8/2016 14:36	0.255	0.0474	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 14:35	0.254		
1/8/2016 14:34	0.254	0.0479	
1/8/2016 14:33	0.254	0.0481	
1/8/2016 14:32	0.254	0.0485	
1/8/2016 14:31	0.254	0.0488	
1/8/2016 14:30	0.254	0.0491	
1/8/2016 14:29	0.254	0.0491	
1/8/2016 14:28	0.254	0.0492	
1/8/2016 14:27	0.254	0.0494	
1/8/2016 14:26	0.254	0.0497	
1/8/2016 14:25	0.254	0.0499	
1/8/2016 14:24	0.253	0.0503	
1/8/2016 14:23	0.253	0.0505	
1/8/2016 14:22	0.253	0.0507	
1/8/2016 14:21	0.253	0.0508	
1/8/2016 14:20	0.251	0.0511	
1/8/2016 14:19	0.251	0.0514	
1/8/2016 14:18	0.251	0.0516	
1/8/2016 14:17	0.251	0.0517	
1/8/2016 14:16	0.251	0.052	
1/8/2016 14:15	0.251	0.0521	
1/8/2016 14:14	0.251	0.0524	
1/8/2016 14:13	0.251	0.0526	
1/8/2016 14:12	0.251	0.0527	
1/8/2016 14:11	0.251	0.0529	
1/8/2016 14:10	0.251	0.0529	
1/8/2016 14:09	0.251	0.0529	
1/8/2016 14:08	0.251	0.0529	
1/8/2016 14:07	0.25	0.0531	
1/8/2016 14:06	0.25	0.0531	
1/8/2016 14:05	0.25	0.0532	
1/8/2016 14:04	0.25	0.0531	
1/8/2016 14:03	0.25	0.0531	
1/8/2016 14:02	0.25	0.0531	
1/8/2016 14:01	0.25	0.0532	
1/8/2016 14:00	0.25	0.0533	
1/8/2016 13:59	0.25	0.0532	
1/8/2016 13:58	0.25	0.0532	
1/8/2016 13:57	0.25	0.0531	
1/8/2016 13:56	0.25	0.0529	
1/8/2016 13:55	0.25	0.0526	
1/8/2016 13:54	0.25	0.0523	
1/8/2016 13:53	0.25	0.0521	
1/8/2016 13:52	0.251	0.0519	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 13:51	0.25	0.0519	
1/8/2016 13:50	0.25	0.0517	
1/8/2016 13:49	0.25	0.0515	
1/8/2016 13:48	0.25	0.0515	
1/8/2016 13:47	0.25	0.0513	
1/8/2016 13:46	0.25	0.0512	
1/8/2016 13:45	0.25	0.0513	
1/8/2016 13:44	0.249	0.0513	
1/8/2016 13:43	0.249	0.0513	
1/8/2016 13:42	0.249	0.0514	
1/8/2016 13:41	0.249	0.0514	
1/8/2016 13:40	0.249	0.0515	
1/8/2016 13:39	0.249	0.0515	
1/8/2016 13:38	0.249	0.0516	
1/8/2016 13:37	0.249	0.0517	
1/8/2016 13:36	0.249	0.0517	
1/8/2016 13:35	0.249	0.0518	
1/8/2016 13:34	0.249	0.0518	
1/8/2016 13:33	0.249	0.0519	
1/8/2016 13:32	0.249	0.0522	
1/8/2016 13:31	0.249	0.0521	
1/8/2016 13:30	0.249	0.0519	
1/8/2016 13:29	0.249	0.0518	
1/8/2016 13:28	0.249	0.0517	
1/8/2016 13:27	0.249	0.0515	
1/8/2016 13:26	0.249	0.0515	
1/8/2016 13:25	0.249	0.0513	
1/8/2016 13:24	0.249	0.0513	
1/8/2016 13:23	0.249	0.0513	
1/8/2016 13:22	0.249	0.0511	
1/8/2016 13:21	0.249	0.051	
1/8/2016 13:20	0.249	0.0511	
1/8/2016 13:19	0.249	0.0511	
1/8/2016 13:18	0.249	0.0511	
1/8/2016 13:17	0.249	0.0507	
1/8/2016 13:16	0.249	0.0507	
1/8/2016 13:15	0.25	0.0505	
1/8/2016 13:14	0.249	0.0505	
1/8/2016 13:13	0.249	0.0505	
1/8/2016 13:12	0.249	0.0504	
1/8/2016 13:11	0.248	0.0505	
1/8/2016 13:10	0.248	0.0505	
1/8/2016 13:09	0.248	0.0505	
1/8/2016 13:08	0.248	0.0504	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 13:07	0.248	0.0505	
1/8/2016 13:06	0.248	0.0506	
1/8/2016 13:05	0.248	0.0505	
1/8/2016 13:04	0.248	0.0504	
1/8/2016 13:03	0.248	0.0504	
1/8/2016 13:02	0.248	0.0506	
1/8/2016 13:01	0.248	0.0505	
1/8/2016 13:00	0.248	0.0506	
1/8/2016 12:59	0.248	0.0505	
1/8/2016 12:58	0.248	0.0509	
1/8/2016 12:57	0.248	0.0509	
1/8/2016 12:56	0.249	0.0509	
1/8/2016 12:55	0.249	0.0509	
1/8/2016 12:54	0.249	0.0508	
1/8/2016 12:53	0.249	0.0508	
1/8/2016 12:52	0.25	0.0508	
1/8/2016 12:50	0.25	0.0507	
1/8/2016 12:49	0.25	0.0507	
1/8/2016 12:48	0.25	0.0505	
1/8/2016 12:47	0.25	0.0504	
1/8/2016 12:46	0.25	0.0503	
1/8/2016 12:45	0.25	0.0501	
1/8/2016 12:44	0.25	0.0501	
1/8/2016 12:43	0.25	0.0496	
1/8/2016 12:42	0.25	0.0495	
1/8/2016 12:41	0.25	0.0493	
1/8/2016 12:40	0.25	0.0491	
1/8/2016 12:39	0.25	0.0489	
1/8/2016 12:38	0.248	0.0489	
1/8/2016 12:37	0.248	0.0488	
1/8/2016 12:36	0.248	0.0487	
1/8/2016 12:35	0.248		
1/8/2016 12:34	0.248	0.0485	
1/8/2016 12:33	0.248	0.0485	
1/8/2016 12:32	0.248	0.0483	
1/8/2016 12:31	0.248	0.0481	
1/8/2016 12:30	0.248	0.0481	
1/8/2016 12:29	0.248	0.0479	
1/8/2016 12:28	0.248	0.048	
1/8/2016 12:27	0.248	0.048	
1/8/2016 12:26	0.248	0.0479	
1/8/2016 12:25	0.248	0.048	
1/8/2016 12:24	0.248	0.0481	
1/8/2016 12:23	0.248	0.0482	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 12:22	0.247	0.048	
1/8/2016 12:21	0.247	0.0479	
1/8/2016 12:20	0.247	0.0478	
1/8/2016 12:19	0.245	0.0479	
1/8/2016 12:18	0.245	0.0479	
1/8/2016 12:17	0.245	0.0482	
1/8/2016 12:16	0.245	0.0483	
1/8/2016 12:15	0.245	0.0483	
1/8/2016 12:14	0.245	0.0485	
1/8/2016 12:12	0.244		
1/8/2016 12:11	0.244	0.0485	
1/8/2016 12:10	0.244	0.0487	
1/8/2016 12:09	0.244	0.0488	
1/8/2016 12:08	0.244	0.0486	
1/8/2016 12:07	0.242	0.0487	
1/8/2016 12:06	0.242	0.0487	
1/8/2016 12:05	0.242	0.0487	
1/8/2016 12:04	0.242	0.0487	
1/8/2016 12:03	0.242	0.0487	
1/8/2016 12:02	0.242	0.0488	
1/8/2016 12:01	0.242	0.0489	
1/8/2016 12:00	0.242	0.0489	
1/8/2016 11:59	0.242	0.0489	
1/8/2016 11:58	0.242	0.0487	
1/8/2016 11:57	0.242	0.0485	
1/8/2016 11:56	0.242	0.0485	
1/8/2016 11:55	0.242	0.0483	
1/8/2016 11:54	0.242	0.0482	
1/8/2016 11:53	0.242	0.0483	
1/8/2016 11:52	0.242	0.0483	
1/8/2016 11:51	0.242	0.0483	
1/8/2016 11:50	0.242	0.0483	
1/8/2016 11:49	0.242	0.0483	
1/8/2016 11:48	0.242	0.0483	
1/8/2016 11:47	0.242	0.0481	
1/8/2016 11:46	0.241	0.0479	
1/8/2016 11:45	0.241	0.0479	
1/8/2016 11:44	0.241	0.0479	
1/8/2016 11:43	0.241	0.0479	
1/8/2016 11:42	0.241	0.048	
1/8/2016 11:41	0.24	0.0481	
1/8/2016 11:40	0.24	0.0483	
1/8/2016 11:39	0.24	0.0483	
1/8/2016 11:38	0.24	0.0483	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 11:37	0.24	0.0483	
1/8/2016 11:36	0.24	0.0483	
1/8/2016 11:35	0.24	0.0483	
1/8/2016 11:34	0.24	0.0483	
1/8/2016 11:33	0.24	0.0483	
1/8/2016 11:32	0.24	0.0483	
1/8/2016 11:31	0.24	0.0485	
1/8/2016 11:30	0.239	0.0486	
1/8/2016 11:29	0.239	0.0485	
1/8/2016 11:28	0.239	0.0485	
1/8/2016 11:27	0.239	0.0485	
1/8/2016 11:26	0.239	0.0485	
1/8/2016 11:25	0.239	0.0483	
1/8/2016 11:24	0.239	0.0482	
1/8/2016 11:23	0.238	0.0483	
1/8/2016 11:22	0.238	0.0483	
1/8/2016 11:21	0.238	0.0485	
1/8/2016 11:20	0.238	0.0485	
1/8/2016 11:19	0.238	0.0487	
1/8/2016 11:18	0.238	0.0486	
1/8/2016 11:17	0.238	0.0486	
1/8/2016 11:16	0.238	0.0485	
1/8/2016 11:15	0.238	0.0485	
1/8/2016 11:14	0.238	0.0487	
1/8/2016 11:13	0.238	0.0488	
1/8/2016 11:12	0.238	0.0488	
1/8/2016 11:11	0.238	0.0488	
1/8/2016 11:10	0.238	0.0489	
1/8/2016 11:09	0.238	0.0492	
1/8/2016 11:08	0.242	0.0492	
1/8/2016 11:07	0.242	0.0494	
1/8/2016 11:06	0.242	0.0497	
1/8/2016 11:05	0.242	0.0498	
1/8/2016 11:04	0.242	0.0499	
1/8/2016 11:03	0.24	0.0502	
1/8/2016 11:01	0.24		
1/8/2016 11:00	0.24	0.0508	
1/8/2016 10:59	0.24	0.0511	
1/8/2016 10:58	0.24	0.0514	
1/8/2016 10:57	0.24	0.0518	
1/8/2016 10:56	0.24	0.0522	
1/8/2016 10:55	0.239	0.0525	
1/8/2016 10:54	0.239	0.0528	
1/8/2016 10:53	0.237	0.0531	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 10:52	0.236	0.0535	
1/8/2016 10:51	0.234	0.0535	
1/8/2016 10:50	0.234	0.0537	
1/8/2016 10:49	0.234	0.0539	
1/8/2016 10:48	0.234	0.054	
1/8/2016 10:47	0.233	0.0541	
1/8/2016 10:46	0.23	0.0541	
1/8/2016 10:45	0.23	0.0541	
1/8/2016 10:44	0.23	0.0541	
1/8/2016 10:43	0.226	0.0543	
1/8/2016 10:42	0.224	0.0545	
1/8/2016 10:41	0.224	0.0545	
1/8/2016 10:40	0.224	0.0543	
1/8/2016 10:39	0.223	0.0542	
1/8/2016 10:38	0.223	0.0543	
1/8/2016 10:37	0.223	0.0543	
1/8/2016 10:36	0.222	0.0545	
1/8/2016 10:35	0.222	0.0545	
1/8/2016 10:34	0.221	0.0545	
1/8/2016 10:33	0.221	0.0546	
1/8/2016 10:32	0.22	0.0547	
1/8/2016 10:31	0.22	0.0549	
1/8/2016 10:30	0.218	0.055	
1/8/2016 10:29	0.215	0.0551	
1/8/2016 10:28	0.215	0.0551	
1/8/2016 10:27	0.214	0.055	
1/8/2016 10:26	0.214	0.055	
1/8/2016 10:25	0.211	0.0551	
1/8/2016 10:24	0.211	0.0552	
1/8/2016 10:23	0.211	0.0552	
1/8/2016 10:22	0.209	0.055	
1/8/2016 10:21	0.209	0.055	
1/8/2016 10:20	0.207	0.055	
1/8/2016 10:19	0.206	0.055	
1/8/2016 10:18	0.204	0.0551	
1/8/2016 10:17	0.201	0.0551	
1/8/2016 10:16	0.201	0.0551	
1/8/2016 10:15	0.197	0.055	
1/8/2016 10:14	0.196	0.0549	
1/8/2016 10:13	0.194	0.0549	
1/8/2016 10:12	0.193	0.0547	
1/8/2016 10:11	0.192	0.0548	
1/8/2016 10:10	0.186	0.0549	
1/8/2016 10:09	0.186	0.055	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 10:08	0.185	0.0551	
1/8/2016 10:07	0.184	0.055	
1/8/2016 10:06	0.181	0.0549	
1/8/2016 10:05	0.178	0.0547	
1/8/2016 10:04	0.176	0.0547	
1/8/2016 10:03	0.174	0.0545	
1/8/2016 10:02	0.171	0.0544	
1/8/2016 10:01	0.167	0.0543	
1/8/2016 10:00	0.166	0.0543	
1/8/2016 9:59	0.165	0.0543	
1/8/2016 9:58	0.163	0.0544	
1/8/2016 9:57	0.159	0.0545	
1/8/2016 9:56	0.158	0.0543	
1/8/2016 9:55	0.158	0.0542	
1/8/2016 9:54	0.158	0.0541	
1/8/2016 9:53	0.158	0.0539	
1/8/2016 9:52	0.143	0.0537	
1/8/2016 9:51	0.14	0.0536	
1/8/2016 9:50	0.14	0.0536	
1/8/2016 9:49	0.137	0.0536	
1/8/2016 9:48	0.134	0.0534	
1/8/2016 9:47	0.13	0.0532	
1/8/2016 9:46	0.129	0.0532	
1/8/2016 9:45	0.126	0.0533	
1/8/2016 9:44	0.124	0.0531	
1/8/2016 9:43	0.121	0.0528	
1/8/2016 9:42	0.113	0.0527	
1/8/2016 9:39			
1/8/2016 9:38	0.101	0.0523	
1/8/2016 9:37	0.098	0.0523	
1/8/2016 9:36	0.094	0.0523	
1/8/2016 9:35	0.091	0.0521	
1/8/2016 9:34	0.089	0.052	
1/8/2016 9:33	0.088	0.0521	
1/8/2016 9:32	0.084	0.0521	
1/8/2016 9:31	0.083	0.052	
1/8/2016 9:30	0.076	0.0518	
1/8/2016 9:29	0.073	0.0517	
1/8/2016 9:28	0.07	0.0517	
1/8/2016 9:27	0.07	0.0516	
1/8/2016 9:26	0.062	0.0516	
1/8/2016 9:25	0.059	0.0515	
1/8/2016 9:24	0.055	0.0514	
1/8/2016 9:23	0.052	0.0514	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/8/2016 9:22	0.05	0.0513	
1/8/2016 9:21	0.046	0.0511	
1/8/2016 9:20	0.042	0.0509	
1/8/2016 9:19	0.038	0.0507	
1/8/2016 9:18	0.037	0.0504	
1/8/2016 9:17	0.034	0.0502	
1/8/2016 9:16	0.03	0.0498	
1/8/2016 9:15	0.026	0.0494	
1/8/2016 9:14	0.024	0.0494	
1/8/2016 9:12	0.016	0.0488	
1/8/2016 9:11	0.015	0.0485	
1/8/2016 9:10	0.009	0.0483	
1/8/2016 9:09	0.005	0.048	
1/8/2016 9:08	0.003	0.0477	
1/8/2016 9:07	0.003	0.0474	
1/8/2016 9:06	0	0.0472	
1/8/2016 9:05	0	0.047	
1/8/2016 9:04	0	0.0467	
1/8/2016 9:03	0	0.0465	
1/8/2016 9:02	0	0.0462	
1/8/2016 9:01	0	0.0461	
1/8/2016 9:00	0	0.046	
1/8/2016 8:59	0	0.0456	
1/8/2016 8:58	0	0.0456	
1/8/2016 8:57	0	0.0455	
1/8/2016 8:56	0	0.0454	
1/8/2016 8:55	0	0.0452	
1/8/2016 8:54	0	0.0451	
1/8/2016 8:53	0	0.0451	
1/8/2016 8:52	0	0.045	
1/8/2016 8:51	0	0.0448	
1/8/2016 8:50	0	0.0445	
1/8/2016 8:49	0	0.0443	
1/8/2016 8:48	0	0.0445	
1/8/2016 8:47	0	0.045	
1/7/2016 16:53			
1/7/2016 16:52	0.111	0.0282	
1/7/2016 16:51	0.111	0.0279	
1/7/2016 16:50	0.108	0.0278	
1/7/2016 16:49	0.106	0.0277	
1/7/2016 16:48	0.106	0.0277	
1/7/2016 16:47	0.106	0.0275	
1/7/2016 16:46	0.103	0.0278	
1/7/2016 16:45	0.102	0.0279	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 16:44	0.099	0.0285	
1/7/2016 16:43	0.099	0.0289	
1/7/2016 16:42	0.099	0.0287	
1/7/2016 16:41	0.099	0.0285	
1/7/2016 16:40	0.094	0.0274	
1/7/2016 16:39	0.093	0.0267	
1/7/2016 16:38	0.093	0.0261	
1/7/2016 16:37	0.091	0.0251	
1/7/2016 16:36	0.091	0.0241	
1/7/2016 16:35	0.091	0.0232	
1/7/2016 16:34	0.091	0.0221	
1/7/2016 16:33	0.091	0.0211	
1/7/2016 16:32	0.091	0.0201	
1/7/2016 16:31	0.091	0.019	
1/7/2016 16:30	0.091	0.0181	
1/7/2016 16:29	0.09	0.0167	
1/7/2016 16:28	0.09	0.0154	
1/7/2016 16:27	0.09		
1/7/2016 16:26	0.09	0.0149	
1/7/2016 16:25	0.09	0.0146	
1/7/2016 16:24	0.09	0.0145	
1/7/2016 16:23	0.09	0.0144	
1/7/2016 16:22	0.09	0.0143	
1/7/2016 16:21	0.09	0.0143	
1/7/2016 16:20	0.09	0.0142	
1/7/2016 16:19	0.09	0.0142	
1/7/2016 16:18	0.09	0.0142	
1/7/2016 16:17	0.09	0.0141	
1/7/2016 16:16	0.09	0.0141	
1/7/2016 16:15	0.09	0.0141	
1/7/2016 16:14	0.09	0.0141	
1/7/2016 16:13	0.09	0.0141	
1/7/2016 16:12	0.09	0.0141	
1/7/2016 16:11	0.09	0.014	
1/7/2016 16:10	0.09	0.014	
1/7/2016 16:09	0.09	0.014	
1/7/2016 16:08	0.091	0.0141	
1/7/2016 16:07	0.091	0.0141	
1/7/2016 16:06	0.092	0.014	
1/7/2016 16:05	0.092	0.014	
1/7/2016 16:04	0.092	0.014	
1/7/2016 16:03	0.096	0.014	
1/7/2016 16:02	0.096	0.0141	
1/7/2016 16:01	0.096	0.0143	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 16:00	0.096	0.0144	
1/7/2016 15:59	0.096	0.0146	
1/7/2016 15:58	0.097	0.0148	
1/7/2016 15:57	0.101	0.0149	
1/7/2016 15:56	0.101	0.0151	
1/7/2016 15:55	0.101	0.0153	
1/7/2016 15:54	0.101	0.0153	
1/7/2016 15:53	0.101	0.0155	
1/7/2016 15:52	0.102	0.0155	
1/7/2016 15:51	0.102	0.0159	
1/7/2016 15:50	0.102	0.0163	
1/7/2016 15:49	0.102	0.0167	
1/7/2016 15:48	0.105	0.0173	
1/7/2016 15:47	0.105	0.0178	
1/7/2016 15:46	0.105	0.0182	
1/7/2016 15:45	0.105	0.0185	
1/7/2016 15:44	0.105	0.0185	
1/7/2016 15:43	0.105	0.0188	
1/7/2016 15:42	0.105	0.0189	
1/7/2016 15:41	0.105	0.0189	
1/7/2016 15:40	0.105	0.0188	
1/7/2016 15:39	0.105	0.0188	
1/7/2016 15:38	0.105	0.0186	
1/7/2016 15:37	0.109	0.0185	
1/7/2016 15:36	0.109	0.0182	
1/7/2016 15:35	0.109	0.0181	
1/7/2016 15:34	0.11	0.0177	
1/7/2016 15:33	0.11	0.0172	
1/7/2016 15:32	0.11	0.0167	
1/7/2016 15:31	0.11	0.0164	
1/7/2016 15:30	0.11	0.0161	
1/7/2016 15:29	0.111	0.016	
1/7/2016 15:28	0.111	0.0156	
1/7/2016 15:27	0.112	0.0155	
1/7/2016 15:26	0.112	0.0155	
1/7/2016 15:25	0.112	0.0155	
1/7/2016 15:24	0.112	0.0155	
1/7/2016 15:23	0.112	0.0155	
1/7/2016 15:22	0.112	0.0156	
1/7/2016 15:21	0.117	0.0156	
1/7/2016 15:20	0.117	0.0154	
1/7/2016 15:19	0.117	0.0154	
1/7/2016 15:18	0.117	0.0153	
1/7/2016 15:17	0.118	0.0152	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 15:16	0.118	0.0151	
1/7/2016 15:15	0.12	0.015	
1/7/2016 15:14	0.12	0.0149	
1/7/2016 15:13	0.12	0.015	
1/7/2016 15:12	0.123	0.0149	
1/7/2016 15:11	0.123	0.0148	
1/7/2016 15:10	0.123	0.0148	
1/7/2016 15:09	0.123	0.0149	
1/7/2016 15:08	0.123	0.0149	
1/7/2016 15:07	0.123	0.0148	
1/7/2016 15:06	0.123	0.0148	
1/7/2016 15:05	0.123	0.0149	
1/7/2016 15:04	0.123	0.0149	
1/7/2016 15:03	0.123	0.0149	
1/7/2016 15:02	0.123	0.015	
1/7/2016 15:01	0.123	0.0151	
1/7/2016 15:00	0.123	0.0152	
1/7/2016 14:59	0.123	0.0153	
1/7/2016 14:58	0.123	0.0153	
1/7/2016 14:57	0.123	0.0155	
1/7/2016 14:56	0.123	0.0155	
1/7/2016 14:55	0.123	0.0155	
1/7/2016 14:54	0.124	0.0155	
1/7/2016 14:53	0.124	0.0155	
1/7/2016 14:52	0.126	0.0156	
1/7/2016 14:51	0.126	0.0156	
1/7/2016 14:50	0.126	0.0157	
1/7/2016 14:49	0.126	0.0158	
1/7/2016 14:48	0.128	0.0158	
1/7/2016 14:47	0.128	0.0159	
1/7/2016 14:46	0.128	0.0158	
1/7/2016 14:45	0.128	0.0158	
1/7/2016 14:44	0.128	0.0158	
1/7/2016 14:43	0.128	0.0156	
1/7/2016 14:42	0.129	0.0155	
1/7/2016 14:41	0.129	0.0155	
1/7/2016 14:40	0.129	0.0155	
1/7/2016 14:37	0.129	0.0155	
1/7/2016 14:36	0.129	0.0155	
1/7/2016 14:35	0.129	0.0155	
1/7/2016 14:34	0.129	0.0154	
1/7/2016 14:33	0.129	0.0154	
1/7/2016 14:32	0.129	0.0154	
1/7/2016 14:31	0.129	0.0154	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 14:30	0.129	0.0154	
1/7/2016 14:29	0.129	0.0155	
1/7/2016 14:28	0.129	0.0156	
1/7/2016 14:27	0.13	0.0159	
1/7/2016 14:26	0.13	0.0159	
1/7/2016 14:25	0.13	0.016	
1/7/2016 14:24	0.13	0.0162	
1/7/2016 14:23	0.13	0.0164	
1/7/2016 14:22	0.13	0.0164	
1/7/2016 14:21	0.13	0.0164	
1/7/2016 14:20	0.13	0.0165	
1/7/2016 14:19	0.13	0.0166	
1/7/2016 14:18	0.133		
1/7/2016 14:17	0.133	0.0166	
1/7/2016 14:16	0.134	0.0168	
1/7/2016 14:15	0.134	0.0168	
1/7/2016 14:14	0.136	0.0168	
1/7/2016 14:13	0.136	0.0168	
1/7/2016 14:12	0.136	0.0168	
1/7/2016 14:11	0.136	0.0168	
1/7/2016 14:10	0.138	0.0167	
1/7/2016 14:09	0.142	0.0166	
1/7/2016 14:08	0.143	0.0165	
1/7/2016 14:07	0.143	0.0164	
1/7/2016 14:06	0.145	0.0164	
1/7/2016 14:05	0.145	0.0164	
1/7/2016 14:04	0.148	0.0163	
1/7/2016 14:03	0.149	0.0164	
1/7/2016 14:02	0.149	0.0164	
1/7/2016 14:01	0.149	0.0162	
1/7/2016 14:00	0.149	0.0161	
1/7/2016 13:59	0.149	0.0161	
1/7/2016 13:58	0.152		
1/7/2016 13:57	0.152	0.016	
1/7/2016 13:56	0.152	0.016	
1/7/2016 13:55	0.153	0.016	
1/7/2016 13:54	0.156	0.016	
1/7/2016 13:53	0.156	0.0161	
1/7/2016 13:52	0.156	0.0161	
1/7/2016 13:51	0.158	0.0161	
1/7/2016 13:50	0.159	0.0161	
1/7/2016 13:49	0.159	0.0162	
1/7/2016 13:48	0.161	0.0161	
1/7/2016 13:47	0.161	0.0161	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 13:46	0.161	0.0161	
1/7/2016 13:45	0.164	0.0161	
1/7/2016 13:44	0.164		
1/7/2016 13:43	0.165	0.0162	
1/7/2016 13:42	0.167		
1/7/2016 13:41	0.169		
1/7/2016 13:40	0.17	0.0162	
1/7/2016 13:39	0.17	0.0162	
1/7/2016 13:38	0.171	0.0162	
1/7/2016 13:37	0.171		
1/7/2016 13:36	0.171	0.0163	
1/7/2016 13:35	0.171	0.0163	
1/7/2016 13:34	0.171		
1/7/2016 13:33	0.171	0.0163	
1/7/2016 13:32	0.171	0.0163	
1/7/2016 13:31	0.173	0.0163	
1/7/2016 13:30	0.173	0.0165	
1/7/2016 13:29	0.173	0.0165	
1/7/2016 13:28	0.173	0.0164	
1/7/2016 13:27	0.173	0.0165	
1/7/2016 13:26	0.173	0.0171	
1/7/2016 13:25	0.173	0.0171	
1/7/2016 13:24	0.173	0.0171	
1/7/2016 13:23	0.175	0.0171	
1/7/2016 13:22	0.175	0.0169	
1/7/2016 13:21	0.175		
1/7/2016 13:20	0.183	0.0172	
1/7/2016 13:19	0.183	0.0173	
1/7/2016 13:18	0.183		
1/7/2016 13:15	0.183	0.0179	
1/7/2016 13:14	0.184	0.0179	
1/7/2016 13:13	0.184	0.018	
1/7/2016 13:12	0.187	0.0179	
1/7/2016 13:11	0.187	0.0175	
1/7/2016 13:10	0.187	0.0174	
1/7/2016 13:09	0.187	0.0173	
1/7/2016 13:08	0.187	0.0174	
1/7/2016 13:07	0.187	0.0173	
1/7/2016 13:06	0.192	0.0174	
1/7/2016 13:05	0.194	0.0172	
1/7/2016 13:04	0.194	0.0172	
1/7/2016 13:03	0.194	0.0173	
1/7/2016 13:02	0.194	0.0176	
1/7/2016 13:01	0.193	0.0173	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 13:00	0.193	0.0176	
1/7/2016 12:59	0.193	0.0177	
1/7/2016 12:58	0.193	0.0179	
1/7/2016 12:57	0.193	0.0183	
1/7/2016 12:56	0.191	0.0187	
1/7/2016 12:55	0.191	0.0192	
1/7/2016 12:54	0.191	0.0201	
1/7/2016 12:53	0.191	0.0207	
1/7/2016 12:50			
1/7/2016 12:49	0.19	0.0226	
1/7/2016 12:48	0.19	0.0233	
1/7/2016 12:47	0.19	0.0241	
1/7/2016 12:46	0.19	0.0249	
1/7/2016 12:45	0.19	0.0257	
1/7/2016 12:44	0.19	0.0267	
1/7/2016 12:43	0.19	0.0275	
1/7/2016 12:42	0.19	0.028	
1/7/2016 12:41	0.19	0.0285	
1/7/2016 12:40	0.19	0.0289	
1/7/2016 12:39	0.19	0.0293	
1/7/2016 12:38	0.19	0.0297	
1/7/2016 12:37	0.191	0.0303	
1/7/2016 12:36	0.191	0.0306	
1/7/2016 12:35	0.191	0.0307	
1/7/2016 12:34	0.191	0.0309	
1/7/2016 12:33	0.19	0.0307	
1/7/2016 12:32	0.19	0.0305	
1/7/2016 12:31	0.189	0.0305	
1/7/2016 12:30	0.189	0.0303	
1/7/2016 12:29	0.189	0.0303	
1/7/2016 12:28	0.189	0.0305	
1/7/2016 12:27	0.189	0.0309	
1/7/2016 12:26	0.189	0.0313	
1/7/2016 12:25	0.189	0.0315	
1/7/2016 12:24	0.189	0.0317	
1/7/2016 12:23	0.189	0.0321	
1/7/2016 12:22	0.189	0.0323	
1/7/2016 12:21	0.187	0.0326	
1/7/2016 12:20	0.187	0.033	
1/7/2016 12:19	0.187	0.0331	
1/7/2016 12:18	0.187	0.0337	
1/7/2016 12:17	0.187	0.0342	
1/7/2016 12:16	0.187	0.0343	
1/7/2016 12:15	0.187	0.0347	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 12:14	0.187	0.0348	
1/7/2016 12:13	0.186	0.0348	
1/7/2016 12:12	0.186	0.0349	
1/7/2016 12:11	0.186	0.035	
1/7/2016 12:10	0.186	0.0352	
1/7/2016 12:09	0.186	0.0355	
1/7/2016 12:08	0.186	0.0355	
1/7/2016 12:07	0.186	0.0355	
1/7/2016 12:06	0.184	0.0356	
1/7/2016 12:05	0.184	0.0358	
1/7/2016 12:04	0.184	0.0364	
1/7/2016 12:03	0.184	0.0366	
1/7/2016 12:02	0.184	0.0367	
1/7/2016 12:01	0.184	0.0369	
1/7/2016 12:00	0.184	0.0369	
1/7/2016 11:59	0.184	0.0371	
1/7/2016 11:58	0.184	0.0375	
1/7/2016 11:57	0.184	0.0379	
1/7/2016 11:56	0.184	0.0379	
1/7/2016 11:55	0.184	0.0381	
1/7/2016 11:54	0.184	0.0379	
1/7/2016 11:53	0.184	0.038	
1/7/2016 11:52	0.184	0.0381	
1/7/2016 11:51	0.184	0.0381	
1/7/2016 11:50	0.184	0.038	
1/7/2016 11:49	0.184	0.0379	
1/7/2016 11:48	0.184	0.0378	
1/7/2016 11:47	0.184	0.0377	
1/7/2016 11:46	0.184	0.0379	
1/7/2016 11:45	0.184	0.038	
1/7/2016 11:44	0.184	0.038	
1/7/2016 11:43	0.184	0.0378	
1/7/2016 11:42	0.184	0.0375	
1/7/2016 11:41	0.185	0.0377	
1/7/2016 11:40	0.185	0.0381	
1/7/2016 11:39	0.186	0.0389	
1/7/2016 11:38	0.186	0.039	
1/7/2016 11:37	0.186	0.0392	
1/7/2016 11:36	0.186	0.0394	
1/7/2016 11:35	0.186	0.0397	
1/7/2016 11:34	0.186	0.0395	
1/7/2016 11:33	0.186	0.0395	
1/7/2016 11:32	0.186	0.0392	
1/7/2016 11:31	0.186	0.0393	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 11:28			
1/7/2016 11:27	0.186	0.0398	
1/7/2016 11:26	0.186	0.0397	
1/7/2016 11:25	0.183	0.0395	
1/7/2016 11:24	0.183	0.0393	
1/7/2016 11:23	0.183	0.0394	
1/7/2016 11:22	0.183	0.0394	
1/7/2016 11:21	0.183	0.0397	
1/7/2016 11:20	0.183	0.0399	
1/7/2016 11:19	0.183	0.0403	
1/7/2016 11:18	0.183	0.0408	
1/7/2016 11:17	0.183	0.0413	
1/7/2016 11:16	0.183	0.0414	
1/7/2016 11:15	0.183	0.0416	
1/7/2016 11:14	0.182	0.0417	
1/7/2016 11:13	0.181	0.0416	
1/7/2016 11:12	0.18	0.0416	
1/7/2016 11:11	0.18	0.0416	
1/7/2016 11:10	0.18	0.0417	
1/7/2016 11:09	0.18	0.0415	
1/7/2016 11:08	0.177	0.0414	
1/7/2016 11:07	0.177	0.0415	
1/7/2016 11:06	0.177	0.0413	
1/7/2016 11:05	0.177	0.0409	
1/7/2016 11:04	0.177	0.0406	
1/7/2016 11:03	0.177	0.0404	
1/7/2016 11:02	0.177	0.0405	
1/7/2016 11:01	0.177	0.0403	
1/7/2016 11:00	0.177	0.04	
1/7/2016 10:59	0.176	0.0397	
1/7/2016 10:58	0.176	0.0396	
1/7/2016 10:57	0.176	0.0395	
1/7/2016 10:56	0.176	0.0394	
1/7/2016 10:55	0.174	0.0391	
1/7/2016 10:54	0.171	0.0391	
1/7/2016 10:53	0.171	0.0395	
1/7/2016 10:52	0.171	0.0393	
1/7/2016 10:51	0.171	0.0391	
1/7/2016 10:50	0.171	0.039	
1/7/2016 10:49	0.168	0.0389	
1/7/2016 10:48	0.166	0.0387	
1/7/2016 10:47	0.166	0.0384	
1/7/2016 10:46	0.166	0.0384	
1/7/2016 10:45	0.166	0.0385	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 10:44	0.166	0.0386	
1/7/2016 10:43	0.166	0.0385	
1/7/2016 10:42	0.166	0.0384	
1/7/2016 10:41	0.162	0.0384	
1/7/2016 10:40	0.162	0.0385	
1/7/2016 10:39	0.162	0.0385	
1/7/2016 10:38	0.162	0.0381	
1/7/2016 10:37	0.162	0.0381	
1/7/2016 10:36	0.161	0.0381	
1/7/2016 10:35	0.161	0.0381	
1/7/2016 10:34	0.161	0.0381	
1/7/2016 10:33	0.158	0.038	
1/7/2016 10:32	0.158	0.038	
1/7/2016 10:31	0.156	0.0379	
1/7/2016 10:30	0.154	0.0378	
1/7/2016 10:29	0.154	0.0379	
1/7/2016 10:28	0.152	0.0378	
1/7/2016 10:27	0.151	0.0378	
1/7/2016 10:26	0.149	0.0377	
1/7/2016 10:25	0.148	0.0378	
1/7/2016 10:24	0.146	0.0377	
1/7/2016 10:23	0.146	0.0375	
1/7/2016 10:22	0.144	0.0375	
1/7/2016 10:21	0.142	0.0375	
1/7/2016 10:20	0.142	0.0374	
1/7/2016 10:19	0.141	0.0375	
1/7/2016 10:18	0.141	0.0376	
1/7/2016 10:17	0.137	0.0378	
1/7/2016 10:16	0.134	0.0376	
1/7/2016 10:15	0.13	0.0376	
1/7/2016 10:14	0.13	0.0375	
1/7/2016 10:13	0.129	0.0376	
1/7/2016 10:12	0.126	0.0374	
1/7/2016 10:11	0.125	0.0374	
1/7/2016 10:10	0.123	0.0371	
1/7/2016 10:09	0.122	0.037	
1/7/2016 10:08	0.122	0.037	
1/7/2016 10:07	0.121	0.0368	
1/7/2016 10:05	0.115	0.0366	
1/7/2016 10:04	0.109	0.0366	
1/7/2016 10:03	0.108	0.0365	
1/7/2016 10:02	0.105	0.0363	
1/7/2016 10:01	0.103	0.0364	
1/7/2016 10:00	0.1	0.0361	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/7/2016 9:59	0.098	0.0359	
1/7/2016 9:58	0.098	0.0359	
1/7/2016 9:57	0.095	0.0358	
1/7/2016 9:56	0.091	0.0356	
1/7/2016 9:55	0.09	0.0354	
1/7/2016 9:54	0.09	0.0355	
1/7/2016 9:53	0.089	0.0354	
1/7/2016 9:52	0.081	0.0353	
1/7/2016 9:51	0.081	0.0355	
1/7/2016 9:50	0.08	0.0353	
1/7/2016 9:49	0.074	0.0348	
1/7/2016 9:48	0.074	0.0345	
1/7/2016 9:47	0.071	0.0341	
1/7/2016 9:46	0.066	0.0336	
1/7/2016 9:45	0.065	0.0333	
1/7/2016 9:44	0.06	0.0331	
1/7/2016 9:43	0.057	0.0329	
1/7/2016 9:42	0.057	0.0327	
1/7/2016 9:41	0.051	0.0325	
1/7/2016 9:40	0.048	0.0324	
1/7/2016 9:39	0.047	0.0326	
1/7/2016 9:38	0.044	0.0324	
1/7/2016 9:37	0.04	0.0323	
1/7/2016 9:36	0.036	0.0321	
1/7/2016 9:35	0.035	0.0323	
1/7/2016 9:34	0.031	0.0322	
1/7/2016 9:33	0.027	0.0321	
1/7/2016 9:32	0.024	0.032	
1/7/2016 9:31	0.02	0.0321	
1/7/2016 9:30	0.02	0.0321	
1/7/2016 9:29	0.02	0.0323	
1/7/2016 9:28	0.02	0.0321	
1/7/2016 9:27	0.02	0.0322	
1/7/2016 9:26	0.02		
1/7/2016 9:25	0.02	0.0324	
1/7/2016 9:24	0.02	0.0318	
1/7/2016 9:23	0.02	0.0316	
1/7/2016 9:22	0.02	0.0317	
1/7/2016 9:21	0.02	0.0313	
1/7/2016 9:20	0.02	0.0304	
1/7/2016 9:19	0.02	0.0305	
1/7/2016 9:18	0.02	0.0307	
1/7/2016 9:17	0.02	0.031	
1/7/2016 9:16		0.03	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 16:41	0.099	0.0081	
1/6/2016 16:40	0.099	0.0082	
1/6/2016 16:39	0.099	0.0081	
1/6/2016 16:38	0.099	0.008	
1/6/2016 16:37	0.099	0.0078	
1/6/2016 16:36	0.099	0.0077	
1/6/2016 16:35	0.099	0.0077	
1/6/2016 16:34	0.099	0.0077	
1/6/2016 16:33	0.099	0.0076	
1/6/2016 16:32	0.099	0.0075	
1/6/2016 16:31	0.099	0.0075	
1/6/2016 16:30	0.099	0.0075	
1/6/2016 16:29	0.099	0.0075	
1/6/2016 16:28	0.099	0.0074	
1/6/2016 16:27	0.099	0.0074	
1/6/2016 16:26	0.099	0.0074	
1/6/2016 16:25	0.099	0.0071	
1/6/2016 16:24	0.099	0.0072	
1/6/2016 16:23	0.099	0.0073	
1/6/2016 16:22	0.101	0.0073	
1/6/2016 16:21	0.101	0.0073	
1/6/2016 16:20	0.101	0.0073	
1/6/2016 16:19	0.1	0.0072	
1/6/2016 16:18	0.1	0.0072	
1/6/2016 16:17	0.1	0.0072	
1/6/2016 16:16	0.1	0.0073	
1/6/2016 16:15	0.1	0.0073	
1/6/2016 16:14	0.1	0.0073	
1/6/2016 16:13	0.1	0.0073	
1/6/2016 16:12	0.1	0.0073	
1/6/2016 16:11	0.1	0.0073	
1/6/2016 16:10	0.1	0.0073	
1/6/2016 16:09	0.1	0.0073	
1/6/2016 16:08	0.1	0.0073	
1/6/2016 16:07	0.1	0.0075	
1/6/2016 16:06	0.099	0.0075	
1/6/2016 16:05	0.097	0.0075	
1/6/2016 16:04	0.097	0.0076	
1/6/2016 16:03	0.097	0.0077	
1/6/2016 16:02	0.097	0.0077	
1/6/2016 16:01	0.097	0.0075	
1/6/2016 16:00	0.097	0.0075	
1/6/2016 15:59	0.097	0.0074	
1/6/2016 15:58	0.097	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 15:57	0.097	0.0075	
1/6/2016 15:56	0.097	0.0075	
1/6/2016 15:55	0.097	0.0075	
1/6/2016 15:54	0.097	0.0073	
1/6/2016 15:53	0.097	0.0071	
1/6/2016 15:52	0.097	0.0068	
1/6/2016 15:51	0.097	0.0066	
1/6/2016 15:50	0.099	0.0065	
1/6/2016 15:49	0.099	0.0062	
1/6/2016 15:48	0.098	0.0058	
1/6/2016 15:47	0.098	0.0057	
1/6/2016 15:46	0.098	0.0056	
1/6/2016 15:42	0.098		
1/6/2016 15:41	0.098	0.0055	
1/6/2016 15:40	0.098	0.0053	
1/6/2016 15:39	0.098	0.0053	
1/6/2016 15:38	0.098	0.0051	
1/6/2016 15:37	0.098	0.0051	
1/6/2016 15:36	0.098	0.0051	
1/6/2016 15:35	0.098	0.0051	
1/6/2016 15:34	0.098	0.005	
1/6/2016 15:33	0.098	0.0051	
1/6/2016 15:32	0.098	0.0051	
1/6/2016 15:31	0.098	0.0051	
1/6/2016 15:30	0.098	0.005	
1/6/2016 15:29	0.098	0.005	
1/6/2016 15:28	0.098	0.005	
1/6/2016 15:27	0.098	0.0051	
1/6/2016 15:26	0.098	0.0051	
1/6/2016 15:25	0.098	0.0051	
1/6/2016 15:24	0.098	0.0051	
1/6/2016 15:23	0.098	0.0051	
1/6/2016 15:22	0.098	0.0051	
1/6/2016 15:21	0.098	0.005	
1/6/2016 15:20	0.098	0.0049	
1/6/2016 15:19	0.098	0.0049	
1/6/2016 15:18	0.098	0.0048	
1/6/2016 15:17	0.098	0.0047	
1/6/2016 15:16	0.098		
1/6/2016 15:15	0.098	0.0047	
1/6/2016 15:14	0.098	0.0047	
1/6/2016 15:13	0.098	0.0047	
1/6/2016 15:12	0.099	0.0047	
1/6/2016 15:11	0.099	0.0047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 15:10	0.099	0.0046	
1/6/2016 15:09	0.099	0.0046	
1/6/2016 15:08	0.099	0.0047	
1/6/2016 15:07	0.099	0.0047	
1/6/2016 15:06	0.099	0.0048	
1/6/2016 15:05	0.099	0.0049	
1/6/2016 15:04	0.099	0.0049	
1/6/2016 15:03	0.099	0.0049	
1/6/2016 15:02	0.099	0.0051	
1/6/2016 15:01	0.099	0.0051	
1/6/2016 15:00	0.099	0.0051	
1/6/2016 14:59	0.099	0.0051	
1/6/2016 14:58	0.099	0.0051	
1/6/2016 14:57	0.099	0.0051	
1/6/2016 14:56	0.099	0.0051	
1/6/2016 14:55	0.099	0.0052	
1/6/2016 14:54	0.099	0.0053	
1/6/2016 14:53	0.099	0.0051	
1/6/2016 14:52	0.099	0.0051	
1/6/2016 14:50	0.099	0.0051	
1/6/2016 14:49	0.099	0.0052	
1/6/2016 14:48	0.099	0.0052	
1/6/2016 14:47	0.099	0.0051	
1/6/2016 14:46	0.099	0.005	
1/6/2016 14:45	0.099	0.005	
1/6/2016 14:44	0.099	0.005	
1/6/2016 14:43	0.099	0.005	
1/6/2016 14:42	0.099	0.0049	
1/6/2016 14:41	0.099	0.0049	
1/6/2016 14:40	0.099	0.0048	
1/6/2016 14:39	0.099	0.0047	
1/6/2016 14:38	0.103	0.0047	
1/6/2016 14:37	0.105	0.0047	
1/6/2016 14:36	0.105	0.0046	
1/6/2016 14:35	0.105	0.0046	
1/6/2016 14:34	0.105	0.0045	
1/6/2016 14:33	0.105	0.0045	
1/6/2016 14:32	0.105	0.0046	
1/6/2016 14:31	0.105	0.0047	
1/6/2016 14:30	0.105	0.0047	
1/6/2016 14:29	0.105	0.0046	
1/6/2016 14:28	0.105	0.0046	
1/6/2016 14:27	0.107	0.0047	
1/6/2016 14:26	0.107	0.0047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 14:25	0.109	0.0049	
1/6/2016 14:24	0.109	0.0049	
1/6/2016 14:23	0.109	0.005	
1/6/2016 14:22	0.109	0.005	
1/6/2016 14:21	0.109	0.005	
1/6/2016 14:20	0.109	0.0049	
1/6/2016 14:19	0.11	0.0051	
1/6/2016 14:18	0.11	0.0051	
1/6/2016 14:17	0.11	0.0051	
1/6/2016 14:16	0.11	0.0051	
1/6/2016 14:15	0.11	0.0051	
1/6/2016 14:14	0.11	0.0053	
1/6/2016 14:13	0.11	0.0053	
1/6/2016 14:12	0.11	0.0053	
1/6/2016 14:11	0.11	0.0053	
1/6/2016 14:10	0.11	0.0053	
1/6/2016 14:09	0.11	0.0053	
1/6/2016 14:08	0.111	0.0055	
1/6/2016 14:07	0.111	0.0057	
1/6/2016 14:06	0.111	0.0059	
1/6/2016 14:05	0.111	0.006	
1/6/2016 14:04	0.111	0.0061	
1/6/2016 14:03	0.112	0.0061	
1/6/2016 14:02	0.112	0.0063	
1/6/2016 14:01	0.112	0.0065	
1/6/2016 14:00	0.112	0.0066	
1/6/2016 13:59	0.112	0.0067	
1/6/2016 13:58	0.112	0.0069	
1/6/2016 13:57	0.115	0.0069	
1/6/2016 13:56	0.115	0.0071	
1/6/2016 13:55	0.115	0.0071	
1/6/2016 13:54		0.0072	
1/6/2016 13:53	0.115	0.0072	
1/6/2016 13:52	0.114	0.0071	
1/6/2016 13:51	0.114	0.0071	
1/6/2016 13:50	0.114	0.0072	
1/6/2016 13:49	0.114	0.0071	
1/6/2016 13:48	0.114	0.0073	
1/6/2016 13:47	0.114	0.0083	
1/6/2016 13:46	0.114	0.0083	
1/6/2016 13:45	0.113	0.0084	
1/6/2016 13:44	0.112	0.0085	
1/6/2016 13:43	0.112	0.0085	
1/6/2016 13:42	0.112	0.0087	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 13:41	0.112	0.0088	
1/6/2016 13:40	0.112	0.009	
1/6/2016 13:39	0.112	0.0092	
1/6/2016 13:38	0.112	0.0093	
1/6/2016 13:37	0.112	0.0094	
1/6/2016 13:36	0.112	0.0096	
1/6/2016 13:35	0.112	0.0098	
1/6/2016 13:34	0.112	0.0101	
1/6/2016 13:33	0.112	0.0102	
1/6/2016 13:32	0.112	0.0092	
1/6/2016 13:31	0.112	0.0094	
1/6/2016 13:30	0.112	0.0095	
1/6/2016 13:28	0.112		
1/6/2016 13:27	0.112	0.01	
1/6/2016 13:26	0.112	0.0102	
1/6/2016 13:25	0.112	0.0105	
1/6/2016 13:24	0.112	0.0106	
1/6/2016 13:23	0.112	0.0109	
1/6/2016 13:22	0.116	0.0111	
1/6/2016 13:21	0.116	0.0113	
1/6/2016 13:20	0.116	0.0115	
1/6/2016 13:19	0.113	0.0116	
1/6/2016 13:18	0.113	0.0117	
1/6/2016 13:17	0.113	0.0119	
1/6/2016 13:16	0.113	0.0119	
1/6/2016 13:15	0.113	0.0122	
1/6/2016 13:14	0.113	0.0124	
1/6/2016 13:13	0.113	0.0124	
1/6/2016 13:12	0.113	0.0124	
1/6/2016 13:11	0.113	0.0124	
1/6/2016 13:10	0.113	0.0124	
1/6/2016 13:09	0.113	0.0124	
1/6/2016 13:08	0.113	0.0124	
1/6/2016 13:07	0.113	0.0125	
1/6/2016 13:06	0.113	0.0126	
1/6/2016 13:05	0.113	0.0126	
1/6/2016 13:04	0.113	0.0126	
1/6/2016 13:02	0.113	0.0127	
1/6/2016 13:01	0.113	0.0127	
1/6/2016 13:00	0.112	0.0127	
1/6/2016 12:59	0.112	0.0127	
1/6/2016 12:58	0.112	0.0128	
1/6/2016 12:57	0.112	0.013	
1/6/2016 12:56	0.112	0.013	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 12:55	0.112	0.0129	
1/6/2016 12:54	0.112	0.013	
1/6/2016 12:53	0.112	0.013	
1/6/2016 12:52	0.111	0.013	
1/6/2016 12:51	0.111	0.0129	
1/6/2016 12:50	0.111	0.0129	
1/6/2016 12:49	0.109	0.0129	
1/6/2016 12:48	0.109	0.0129	
1/6/2016 12:47	0.109	0.0129	
1/6/2016 12:46	0.109	0.0129	
1/6/2016 12:45	0.109	0.0129	
1/6/2016 12:44	0.108	0.0129	
1/6/2016 12:43	0.108	0.0128	
1/6/2016 12:42	0.108	0.0127	
1/6/2016 12:41	0.108	0.0127	
1/6/2016 12:40	0.108	0.0128	
1/6/2016 12:39	0.108	0.0129	
1/6/2016 12:38	0.108	0.0129	
1/6/2016 12:37	0.108	0.0129	
1/6/2016 12:36	0.108	0.013	
1/6/2016 12:35	0.108	0.013	
1/6/2016 12:34	0.108	0.013	
1/6/2016 12:33	0.108	0.0131	
1/6/2016 12:32	0.105	0.0131	
1/6/2016 12:31	0.105	0.0131	
1/6/2016 12:30	0.105	0.013	
1/6/2016 12:29	0.105	0.013	
1/6/2016 12:28	0.105	0.0131	
1/6/2016 12:27	0.105	0.0131	
1/6/2016 12:26	0.105	0.0131	
1/6/2016 12:25	0.105	0.0131	
1/6/2016 12:24	0.105	0.013	
1/6/2016 12:23	0.105	0.0129	
1/6/2016 12:22	0.104	0.0128	
1/6/2016 12:21	0.104	0.0128	
1/6/2016 12:20	0.104	0.0128	
1/6/2016 12:19	0.104	0.0128	
1/6/2016 12:18	0.104	0.0128	
1/6/2016 12:17	0.104	0.0129	
1/6/2016 12:16	0.104	0.013	
1/6/2016 12:15	0.104	0.0131	
1/6/2016 12:14	0.104	0.0131	
1/6/2016 12:13	0.104	0.013	
1/6/2016 12:12	0.102	0.0129	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 12:11	0.102	0.0129	
1/6/2016 12:10	0.099	0.0129	
1/6/2016 12:09	0.099	0.013	
1/6/2016 12:08	0.098	0.0131	
1/6/2016 12:05	0.097	0.0131	
1/6/2016 12:04	0.097	0.0131	
1/6/2016 12:03	0.097	0.0132	
1/6/2016 12:02	0.097	0.0132	
1/6/2016 12:01	0.097	0.0133	
1/6/2016 12:00	0.097	0.0133	
1/6/2016 11:59	0.097	0.0134	
1/6/2016 11:58	0.097	0.0135	
1/6/2016 11:57	0.097	0.0137	
1/6/2016 11:56	0.097	0.0137	
1/6/2016 11:55	0.097	0.0139	
1/6/2016 11:54	0.097	0.0145	
1/6/2016 11:53	0.097	0.0147	
1/6/2016 11:52	0.095	0.015	
1/6/2016 11:51	0.093	0.0151	
1/6/2016 11:50	0.091	0.0153	
1/6/2016 11:49	0.091	0.0154	
1/6/2016 11:48	0.091	0.0154	
1/6/2016 11:47	0.091	0.0155	
1/6/2016 11:46	0.091	0.0155	
1/6/2016 11:45	0.091	0.0155	
1/6/2016 11:44	0.091	0.0155	
1/6/2016 11:43	0.09	0.0153	
1/6/2016 11:42	0.09	0.0153	
1/6/2016 11:41	0.089	0.0152	
1/6/2016 11:40	0.089	0.0151	
1/6/2016 11:39	0.089	0.0145	
1/6/2016 11:38	0.089	0.0144	
1/6/2016 11:37	0.089	0.0142	
1/6/2016 11:36	0.088	0.0142	
1/6/2016 11:35	0.085	0.0141	
1/6/2016 11:34	0.085	0.0141	
1/6/2016 11:33	0.085	0.0142	
1/6/2016 11:32	0.085	0.0142	
1/6/2016 11:31	0.082	0.014	
1/6/2016 11:30	0.082	0.014	
1/6/2016 11:29	0.082	0.014	
1/6/2016 11:28	0.08	0.0141	
1/6/2016 11:27	0.08	0.014	
1/6/2016 11:26	0.08	0.0141	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 11:25	0.079	0.0141	
1/6/2016 11:24	0.079	0.0143	
1/6/2016 11:23	0.075	0.0142	
1/6/2016 11:22	0.075	0.0146	
1/6/2016 11:21	0.07	0.0146	
1/6/2016 11:20	0.07	0.0145	
1/6/2016 11:19	0.07	0.0145	
1/6/2016 11:18	0.07	0.0145	
1/6/2016 11:17	0.069	0.0144	
1/6/2016 11:16	0.069	0.0145	
1/6/2016 11:15	0.067	0.0145	
1/6/2016 11:14	0.064	0.0145	
1/6/2016 11:13	0.064	0.0145	
1/6/2016 11:12	0.063	0.0145	
1/6/2016 11:11	0.063	0.0144	
1/6/2016 11:10	0.06	0.0143	
1/6/2016 11:09	0.06	0.0141	
1/6/2016 11:08	0.058	0.0139	
1/6/2016 11:07	0.058	0.0135	
1/6/2016 11:06	0.053	0.0133	
1/6/2016 11:05	0.053	0.0134	
1/6/2016 11:04	0.053	0.0135	
1/6/2016 11:03	0.053	0.0134	
1/6/2016 11:02	0.049	0.0133	
1/6/2016 11:01	0.049	0.0133	
1/6/2016 11:00	0.048	0.0133	
1/6/2016 10:59	0.048	0.0134	
1/6/2016 10:58	0.044	0.0135	
1/6/2016 10:57	0.042	0.0136	
1/6/2016 10:56	0.041	0.0137	
1/6/2016 10:55	0.04	0.0139	
1/6/2016 10:54	0.04	0.0142	
1/6/2016 10:53	0.04	0.0144	
1/6/2016 10:52	0.036	0.0146	
1/6/2016 10:51	0.032	0.0147	
1/6/2016 10:50	0.031	0.0148	
1/6/2016 10:49	0.031	0.0147	
1/6/2016 10:48	0.031	0.015	
1/6/2016 10:47	0.026	0.0151	
1/6/2016 10:46	0.026	0.0153	
1/6/2016 10:45	0.022	0.0154	
1/6/2016 10:44	0.021	0.0154	
1/6/2016 10:43	0.02	0.0155	
1/6/2016 10:42	0.017	0.0155	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/6/2016 10:41	0.017	0.0155	
1/6/2016 10:40	0.013	0.0156	
1/6/2016 10:39	0.012	0.0157	
1/6/2016 10:38	0.008	0.0157	
1/6/2016 10:37	0.005	0.0166	
1/6/2016 10:36	0.004	0.0167	
1/6/2016 10:35	0.002	0.0169	
1/6/2016 10:34	0	0.0171	
1/6/2016 10:33	0	0.0174	
1/6/2016 10:32	0	0.0175	
1/6/2016 10:31	0	0.0176	
1/6/2016 10:30	0	0.0177	
1/6/2016 10:29	0	0.0179	
1/6/2016 10:28	0	0.0181	
1/6/2016 10:27	0	0.0183	
1/6/2016 10:26	0	0.0185	
1/6/2016 10:25	0	0.0188	
1/6/2016 10:24	0	0.0191	
1/6/2016 10:23	0	0.0191	
1/6/2016 10:22	0	0.0185	
1/6/2016 10:21	0	0.0189	
1/6/2016 10:20	0	0.0196	
1/6/2016 10:19	0	0.0197	
1/6/2016 10:18	0	0.0199	
1/6/2016 10:17	0	0.0203	
1/6/2016 10:16	0	0.0205	
1/6/2016 10:15	0	0.0207	
1/6/2016 10:14	0	0.021	
1/6/2016 10:13	0	0.0213	
1/6/2016 10:12	0	0.0216	
1/6/2016 10:11	0	0.0219	
1/6/2016 10:10	0	0.022	
1/6/2016 10:09	0	0.0221	
1/6/2016 10:08	0	0.0228	
1/6/2016 10:07	0	0.0234	
1/6/2016 10:06	0	0.0238	
1/6/2016 10:05	0	0.0223	
1/6/2016 10:04	0	0.0235	
1/6/2016 10:03	0	0.023	
1/5/2016 16:11	0.103		
1/5/2016 16:10	0.103	0.011	
1/5/2016 16:09	0.103	0.0109	
1/5/2016 16:08	0.103	0.0106	
1/5/2016 16:07	0.103		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 16:06	0.103	0.0106	
1/5/2016 16:05	0.103	0.0106	
1/5/2016 16:04	0.103	0.0105	
1/5/2016 16:03	0.103	0.0105	
1/5/2016 16:01		0.0105	
1/5/2016 16:00	0.103	0.0105	
1/5/2016 15:59	0.103	0.0105	
1/5/2016 15:58	0.103	0.0107	
1/5/2016 15:57	0.104	0.0106	
1/5/2016 15:56	0.104	0.0106	
1/5/2016 15:55	0.103	0.0106	
1/5/2016 15:54	0.103	0.0105	
1/5/2016 15:53	0.103	0.0105	
1/5/2016 15:52	0.103	0.0105	
1/5/2016 15:51	0.103	0.0105	
1/5/2016 15:50	0.103	0.0105	
1/5/2016 15:49	0.103	0.0106	
1/5/2016 15:48	0.103	0.0107	
1/5/2016 15:47	0.103	0.0109	
1/5/2016 15:46	0.103	0.0108	
1/5/2016 15:45	0.103	0.0109	
1/5/2016 15:44	0.103	0.0109	
1/5/2016 15:43	0.103	0.0108	
1/5/2016 15:42	0.103	0.0109	
1/5/2016 15:41	0.103	0.011	
1/5/2016 15:40	0.104	0.011	
1/5/2016 15:39	0.104	0.0111	
1/5/2016 15:38	0.104	0.0111	
1/5/2016 15:37	0.102	0.0111	
1/5/2016 15:36	0.102	0.0111	
1/5/2016 15:35	0.102	0.0111	
1/5/2016 15:34	0.102	0.0111	
1/5/2016 15:33	0.102	0.0111	
1/5/2016 15:32	0.102	0.011	
1/5/2016 15:31	0.102	0.0111	
1/5/2016 15:30	0.102	0.011	
1/5/2016 15:29	0.102	0.0113	
1/5/2016 15:28	0.102	0.0114	
1/5/2016 15:27	0.102	0.0114	
1/5/2016 15:26	0.102	0.0113	
1/5/2016 15:25	0.102	0.0113	
1/5/2016 15:24	0.102	0.0113	
1/5/2016 15:23	0.102	0.0114	
1/5/2016 15:22	0.103	0.0115	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 15:21	0.103	0.0116	
1/5/2016 15:20	0.103	0.0116	
1/5/2016 15:19	0.103	0.0118	
1/5/2016 15:18	0.103	0.0119	
1/5/2016 15:17	0.103	0.0118	
1/5/2016 15:16	0.103	0.0118	
1/5/2016 15:15	0.103	0.0118	
1/5/2016 15:14	0.103	0.0114	
1/5/2016 15:13	0.103	0.0113	
1/5/2016 15:12	0.103	0.0113	
1/5/2016 15:11	0.102	0.0113	
1/5/2016 15:10	0.102	0.0113	
1/5/2016 15:09	0.102		
1/5/2016 15:08	0.101	0.0112	
1/5/2016 15:07	0.101	0.0111	
1/5/2016 15:06	0.101	0.0111	
1/5/2016 15:05	0.101	0.0109	
1/5/2016 15:04	0.101	0.0108	
1/5/2016 15:03	0.101	0.0107	
1/5/2016 15:02	0.101	0.0107	
1/5/2016 15:01	0.101	0.0107	
1/5/2016 15:00	0.101	0.0107	
1/5/2016 14:59	0.101	0.0107	
1/5/2016 14:58	0.101	0.0109	
1/5/2016 14:57	0.101	0.0109	
1/5/2016 14:56	0.101	0.0108	
1/5/2016 14:55	0.101	0.0108	
1/5/2016 14:54	0.101	0.0108	
1/5/2016 14:53	0.101	0.0109	
1/5/2016 14:52	0.101	0.0109	
1/5/2016 14:51	0.101	0.011	
1/5/2016 14:50	0.101	0.0113	
1/5/2016 14:49	0.101		
1/5/2016 14:48	0.103	0.0116	
1/5/2016 14:47	0.103	0.0116	
1/5/2016 14:46	0.103	0.0117	
1/5/2016 14:45	0.103	0.0116	
1/5/2016 14:44	0.103	0.0118	
1/5/2016 14:43	0.103	0.0117	
1/5/2016 14:42	0.103		
1/5/2016 14:38	0.103	0.012	
1/5/2016 14:37	0.103	0.0121	
1/5/2016 14:36	0.103	0.0121	
1/5/2016 14:35	0.105	0.012	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 14:34	0.105	0.0118	
1/5/2016 14:33	0.106	0.0118	
1/5/2016 14:32	0.106	0.0119	
1/5/2016 14:31	0.106	0.0119	
1/5/2016 14:30	0.106	0.0121	
1/5/2016 14:29	0.106	0.012	
1/5/2016 14:28	0.106	0.012	
1/5/2016 14:27	0.106	0.012	
1/5/2016 14:26	0.106	0.0119	
1/5/2016 14:25	0.106	0.0119	
1/5/2016 14:24	0.107	0.0119	
1/5/2016 14:23	0.107	0.0117	
1/5/2016 14:22	0.107	0.0116	
1/5/2016 14:21	0.107	0.0116	
1/5/2016 14:20	0.107	0.0116	
1/5/2016 14:19	0.107	0.0115	
1/5/2016 14:18	0.107	0.0116	
1/5/2016 14:17	0.107	0.0116	
1/5/2016 14:16	0.107	0.0117	
1/5/2016 14:15	0.107	0.0116	
1/5/2016 14:14	0.107	0.0117	
1/5/2016 14:13			
1/5/2016 14:12	0.107	0.0119	
1/5/2016 14:11	0.107	0.0119	
1/5/2016 14:10	0.107	0.0119	
1/5/2016 14:09	0.108	0.0119	
1/5/2016 14:08	0.108	0.0119	
1/5/2016 14:07	0.108	0.0119	
1/5/2016 14:06	0.108	0.0118	
1/5/2016 14:05	0.109	0.0119	
1/5/2016 14:04	0.109	0.0119	
1/5/2016 14:03	0.109	0.0119	
1/5/2016 14:02	0.109	0.0119	
1/5/2016 14:01	0.11	0.0117	
1/5/2016 14:00	0.11	0.0117	
1/5/2016 13:59	0.11	0.0117	
1/5/2016 13:58	0.11	0.0115	
1/5/2016 13:57	0.11	0.0115	
1/5/2016 13:56	0.112	0.0115	
1/5/2016 13:55	0.112	0.0116	
1/5/2016 13:54	0.112	0.0115	
1/5/2016 13:53	0.112	0.0116	
1/5/2016 13:52	0.112	0.0117	
1/5/2016 13:51	0.112	0.0119	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 13:50	0.112	0.0119	
1/5/2016 13:49	0.114	0.012	
1/5/2016 13:48	0.114	0.012	
1/5/2016 13:47	0.114	0.012	
1/5/2016 13:46	0.114	0.0122	
1/5/2016 13:45	0.114	0.0121	
1/5/2016 13:44	0.114	0.0121	
1/5/2016 13:43	0.115	0.0121	
1/5/2016 13:42	0.115	0.0121	
1/5/2016 13:41	0.115	0.0121	
1/5/2016 13:40	0.115	0.012	
1/5/2016 13:39	0.115	0.0121	
1/5/2016 13:38	0.116	0.0121	
1/5/2016 13:37	0.116	0.012	
1/5/2016 13:36	0.116	0.0119	
1/5/2016 13:35	0.116	0.0119	
1/5/2016 13:34	0.116	0.0118	
1/5/2016 13:33	0.117	0.0117	
1/5/2016 13:32	0.117	0.0117	
1/5/2016 13:31	0.117	0.0115	
1/5/2016 13:30	0.117	0.0115	
1/5/2016 13:29	0.118	0.0117	
1/5/2016 13:28	0.118	0.0118	
1/5/2016 13:27	0.118	0.0119	
1/5/2016 13:26	0.118	0.0118	
1/5/2016 13:25	0.118	0.0118	
1/5/2016 13:24	0.118	0.0118	
1/5/2016 13:23	0.118	0.0118	
1/5/2016 13:22	0.118	0.0118	
1/5/2016 13:21	0.118	0.0118	
1/5/2016 13:20	0.118	0.0118	
1/5/2016 13:19	0.118	0.0119	
1/5/2016 13:18	0.118	0.0121	
1/5/2016 13:17	0.118	0.0121	
1/5/2016 13:16	0.118	0.0122	
1/5/2016 13:15	0.117	0.0123	
1/5/2016 13:14	0.117	0.0122	
1/5/2016 13:13	0.117	0.0121	
1/5/2016 13:12	0.117	0.012	
1/5/2016 13:11	0.117	0.012	
1/5/2016 13:10	0.116	0.012	
1/5/2016 13:09	0.116	0.0121	
1/5/2016 13:08	0.116	0.0121	
1/5/2016 13:07	0.116	0.0121	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 13:06	0.116	0.0122	
1/5/2016 13:05	0.116	0.0122	
1/5/2016 13:04	0.116	0.0122	
1/5/2016 13:03	0.115	0.012	
1/5/2016 13:02	0.115	0.0121	
1/5/2016 13:01	0.115	0.0121	
1/5/2016 13:00	0.115	0.0123	
1/5/2016 12:59	0.115	0.0124	
1/5/2016 12:58	0.115	0.0125	
1/5/2016 12:57	0.114	0.0127	
1/5/2016 12:56	0.114	0.0128	
1/5/2016 12:55	0.114	0.0129	
1/5/2016 12:54	0.114	0.0129	
1/5/2016 12:50	0.114		
1/5/2016 12:49	0.114	0.0127	
1/5/2016 12:48	0.114	0.0128	
1/5/2016 12:47	0.112	0.0127	
1/5/2016 12:46	0.112	0.0127	
1/5/2016 12:45	0.112	0.0126	
1/5/2016 12:44	0.112	0.0125	
1/5/2016 12:43	0.112	0.0125	
1/5/2016 12:42	0.112	0.0125	
1/5/2016 12:41	0.112	0.0125	
1/5/2016 12:40	0.112	0.0125	
1/5/2016 12:39	0.112	0.0125	
1/5/2016 12:38	0.112	0.0125	
1/5/2016 12:37	0.11	0.0125	
1/5/2016 12:36	0.11	0.0125	
1/5/2016 12:35	0.11	0.0126	
1/5/2016 12:34	0.11	0.0126	
1/5/2016 12:33	0.11	0.0126	
1/5/2016 12:32	0.11	0.0126	
1/5/2016 12:31	0.11	0.0126	
1/5/2016 12:30	0.107	0.0126	
1/5/2016 12:29	0.107	0.0128	
1/5/2016 12:28	0.107	0.0128	
1/5/2016 12:27	0.107	0.0128	
1/5/2016 12:26	0.107	0.0128	
1/5/2016 12:24			
1/5/2016 12:23	0.106	0.0128	
1/5/2016 12:22	0.106	0.0128	
1/5/2016 12:21	0.106	0.0127	
1/5/2016 12:20	0.106	0.0127	
1/5/2016 12:19	0.106	0.0128	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 12:18	0.106	0.0127	
1/5/2016 12:17	0.106	0.0127	
1/5/2016 12:16	0.104	0.0128	
1/5/2016 12:15	0.104	0.0127	
1/5/2016 12:14	0.104	0.0126	
1/5/2016 12:13	0.104	0.0126	
1/5/2016 12:12	0.104	0.0126	
1/5/2016 12:11	0.104	0.0126	
1/5/2016 12:10	0.104	0.0126	
1/5/2016 12:09	0.104	0.0126	
1/5/2016 12:08	0.104	0.0126	
1/5/2016 12:07	0.103	0.0125	
1/5/2016 12:06	0.103	0.0125	
1/5/2016 12:05	0.103	0.0125	
1/5/2016 12:04	0.103	0.0124	
1/5/2016 12:03	0.103	0.0124	
1/5/2016 12:02	0.102	0.0125	
1/5/2016 12:01	0.102	0.0124	
1/5/2016 12:00	0.102	0.0124	
1/5/2016 11:59	0.102	0.0125	
1/5/2016 11:58	0.101	0.0124	
1/5/2016 11:57	0.101	0.0123	
1/5/2016 11:56	0.099	0.0123	
1/5/2016 11:55	0.099	0.0123	
1/5/2016 11:54	0.099	0.0123	
1/5/2016 11:53	0.099	0.0123	
1/5/2016 11:52	0.098	0.0123	
1/5/2016 11:51	0.098	0.0124	
1/5/2016 11:50	0.098	0.0125	
1/5/2016 11:49	0.098	0.0125	
1/5/2016 11:48	0.098	0.0126	
1/5/2016 11:47	0.098	0.0125	
1/5/2016 11:46	0.097	0.0125	
1/5/2016 11:45	0.097	0.0126	
1/5/2016 11:44	0.097	0.0125	
1/5/2016 11:43	0.097	0.0126	
1/5/2016 11:42	0.097	0.0126	
1/5/2016 11:41	0.094	0.0125	
1/5/2016 11:40	0.094	0.0125	
1/5/2016 11:39	0.092	0.0125	
1/5/2016 11:38	0.092	0.0124	
1/5/2016 11:37	0.092	0.0125	
1/5/2016 11:36	0.092	0.0124	
1/5/2016 11:35	0.092	0.0123	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 11:34	0.091	0.0123	
1/5/2016 11:33	0.089	0.0121	
1/5/2016 11:32	0.089	0.0122	
1/5/2016 11:28		0.0125	
1/5/2016 11:27	0.086	0.0125	
1/5/2016 11:26	0.086	0.0126	
1/5/2016 11:25	0.086		
1/5/2016 11:24	0.086	0.0127	
1/5/2016 11:23	0.083	0.0128	
1/5/2016 11:22	0.083	0.0128	
1/5/2016 11:21	0.083		
1/5/2016 11:20	0.082	0.0128	
1/5/2016 11:19	0.082	0.0129	
1/5/2016 11:18	0.082	0.013	
1/5/2016 11:17	0.082	0.013	
1/5/2016 11:16	0.08	0.013	
1/5/2016 11:15	0.078	0.013	
1/5/2016 11:14	0.077	0.0127	
1/5/2016 11:13	0.075	0.0127	
1/5/2016 11:12	0.075	0.0126	
1/5/2016 11:11	0.074		
1/5/2016 11:10	0.072	0.0126	
1/5/2016 11:09	0.072	0.0125	
1/5/2016 11:08	0.072	0.0124	
1/5/2016 11:07	0.071		
1/5/2016 11:06	0.071	0.0125	
1/5/2016 11:05	0.071		
1/5/2016 11:04	0.068		
1/5/2016 11:02	0.066	0.0127	
1/5/2016 11:01	0.066	0.0128	
1/5/2016 11:00	0.062		
1/5/2016 10:59	0.062	0.0129	
1/5/2016 10:58	0.061		
1/5/2016 10:57	0.06	0.013	
1/5/2016 10:56	0.056		
1/5/2016 10:55	0.055	0.013	
1/5/2016 10:54	0.055		
1/5/2016 10:53	0.052	0.0131	
1/5/2016 10:52	0.051	0.0131	
1/5/2016 10:51	0.051	0.0132	
1/5/2016 10:50	0.049		
1/5/2016 10:49	0.049	0.0133	
1/5/2016 10:48	0.045	0.0132	
1/5/2016 10:47	0.044	0.0132	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
1/5/2016 10:46	0.04		
1/5/2016 10:45	0.036		
1/5/2016 10:44	0.035		
1/5/2016 10:43	0.035	0.0133	
1/5/2016 10:42	0.035	0.0133	
1/5/2016 10:41	0.035	0.0133	
1/5/2016 10:40	0.035	0.0133	
1/5/2016 10:39	0.035	0.0134	
1/5/2016 10:38	0.035	0.0134	
1/5/2016 10:37	0.035	0.0134	
1/5/2016 10:36	0.035	0.0134	
1/5/2016 10:35	0.035	0.0134	
1/5/2016 10:34	0.035	0.0133	
1/5/2016 10:33	0.035	0.0134	
1/5/2016 10:32	0.035	0.0135	
1/5/2016 10:31	0.035	0.0137	
1/5/2016 10:30	0.035	0.014	
1/5/2016 10:29	0.037	0.015	
12/31/2015 15:11	0.245	0.0109	
12/31/2015 15:10	0.245	0.0108	
12/31/2015 15:09	0.245	0.0107	
12/31/2015 15:08	0.244	0.0107	
12/31/2015 15:07	0.244	0.0106	
12/31/2015 15:06	0.244	0.0105	
12/31/2015 15:05	0.244	0.0105	
12/31/2015 15:04	0.244	0.0103	
12/31/2015 15:03	0.244	0.0103	
12/31/2015 15:02	0.244	0.0102	
12/31/2015 15:01	0.244	0.0101	
12/31/2015 15:00	0.244	0.01	
12/31/2015 14:59	0.244	0.0099	
12/31/2015 14:58	0.244	0.0099	
12/31/2015 14:57	0.244	0.0098	
12/31/2015 14:56	0.242	0.0097	
12/31/2015 14:55	0.241	0.0097	
12/31/2015 14:54	0.241	0.0097	
12/31/2015 14:53	0.241	0.0096	
12/31/2015 14:52	0.241	0.0095	
12/31/2015 14:51	0.241	0.0095	
12/31/2015 14:50	0.241	0.0094	
12/31/2015 14:49	0.241	0.0093	
12/31/2015 14:48	0.241	0.0093	
12/31/2015 14:47	0.241	0.0092	
12/31/2015 14:46	0.241	0.0091	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 14:45	0.241	0.0091	
12/31/2015 14:44	0.239	0.0091	
12/31/2015 14:43	0.239	0.0091	
12/31/2015 14:42	0.239	0.0091	
12/31/2015 14:41	0.239	0.0091	
12/31/2015 14:40	0.239	0.0091	
12/31/2015 14:39	0.239	0.009	
12/31/2015 14:38	0.238	0.009	
12/31/2015 14:37	0.238	0.009	
12/31/2015 14:36	0.238	0.009	
12/31/2015 14:35	0.238	0.0091	
12/31/2015 14:34	0.237	0.0091	
12/31/2015 14:33	0.237	0.0091	
12/31/2015 14:32	0.237	0.0091	
12/31/2015 14:31	0.237	0.0091	
12/31/2015 14:30	0.237	0.0091	
12/31/2015 14:29	0.237	0.0091	
12/31/2015 14:28	0.237	0.0091	
12/31/2015 14:27	0.236	0.0091	
12/31/2015 14:26	0.236	0.0091	
12/31/2015 14:25	0.236	0.0091	
12/31/2015 14:24	0.236	0.0091	
12/31/2015 14:23		0.0091	
12/31/2015 14:22	0.236	0.0091	
12/31/2015 14:21	0.236	0.0091	
12/31/2015 14:20	0.236	0.009	
12/31/2015 14:19	0.236	0.009	
12/31/2015 14:18	0.236	0.009	
12/31/2015 14:17	0.236	0.0089	
12/31/2015 14:16	0.236	0.0088	
12/31/2015 14:15	0.236	0.0087	
12/31/2015 14:14	0.236	0.0086	
12/31/2015 14:13	0.236	0.0086	
12/31/2015 14:12	0.236	0.0086	
12/31/2015 14:11	0.236	0.0085	
12/31/2015 14:10	0.236	0.0085	
12/31/2015 14:09	0.236	0.0084	
12/31/2015 14:08	0.236	0.0082	
12/31/2015 14:07	0.236	0.008	
12/31/2015 14:06	0.236	0.0078	
12/31/2015 14:05	0.236		
12/31/2015 14:04	0.236	0.0078	
12/31/2015 14:03	0.236	0.0076	
12/31/2015 14:02	0.237	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 14:01	0.237	0.0074	
12/31/2015 14:00	0.236	0.0073	
12/31/2015 13:57	0.236		
12/31/2015 13:56	0.236	0.0072	
12/31/2015 13:55	0.236	0.0071	
12/31/2015 13:54	0.236	0.0071	
12/31/2015 13:53	0.236	0.0071	
12/31/2015 13:52	0.236	0.0071	
12/31/2015 13:51	0.236	0.0071	
12/31/2015 13:50	0.236	0.0071	
12/31/2015 13:49	0.236	0.007	
12/31/2015 13:48	0.236	0.007	
12/31/2015 13:47	0.236	0.007	
12/31/2015 13:46	0.236	0.007	
12/31/2015 13:45	0.236	0.007	
12/31/2015 13:44	0.236	0.0069	
12/31/2015 13:43	0.236	0.0069	
12/31/2015 13:42	0.236	0.0069	
12/31/2015 13:41	0.236	0.0069	
12/31/2015 13:40	0.236	0.0069	
12/31/2015 13:39	0.236	0.0069	
12/31/2015 13:38	0.237	0.0069	
12/31/2015 13:37	0.236	0.0069	
12/31/2015 13:36	0.236	0.0069	
12/31/2015 13:35	0.236	0.0069	
12/31/2015 13:34	0.236	0.0069	
12/31/2015 13:33	0.236	0.0069	
12/31/2015 13:32	0.236	0.0069	
12/31/2015 13:31	0.236		
12/31/2015 13:30	0.236	0.007	
12/31/2015 13:29	0.236	0.0071	
12/31/2015 13:28	0.236	0.0071	
12/31/2015 13:27	0.236	0.0071	
12/31/2015 13:26	0.236	0.0071	
12/31/2015 13:25	0.236	0.0071	
12/31/2015 13:24	0.236	0.0071	
12/31/2015 13:23	0.236	0.0071	
12/31/2015 13:22	0.237	0.0071	
12/31/2015 13:21	0.237	0.0071	
12/31/2015 13:20	0.237	0.0071	
12/31/2015 13:19	0.238	0.0071	
12/31/2015 13:18	0.238	0.007	
12/31/2015 13:17	0.238	0.0069	
12/31/2015 13:16	0.238	0.0068	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 13:15	0.238	0.0068	
12/31/2015 13:14	0.238	0.0067	
12/31/2015 13:13	0.238	0.0067	
12/31/2015 13:12	0.238	0.0067	
12/31/2015 13:11	0.238	0.0067	
12/31/2015 13:10	0.236	0.0067	
12/31/2015 13:09	0.236	0.0067	
12/31/2015 13:08	0.236	0.0067	
12/31/2015 13:07	0.236	0.0067	
12/31/2015 13:06	0.236	0.0066	
12/31/2015 13:05	0.235	0.0066	
12/31/2015 13:04	0.235	0.0066	
12/31/2015 13:03	0.235	0.0067	
12/31/2015 13:02	0.235	0.0067	
12/31/2015 13:01	0.235	0.0068	
12/31/2015 13:00	0.235	0.0068	
12/31/2015 12:59	0.235	0.0069	
12/31/2015 12:58	0.235	0.0069	
12/31/2015 12:57	0.235	0.0069	
12/31/2015 12:56	0.235	0.0069	
12/31/2015 12:55	0.235	0.0069	
12/31/2015 12:54	0.235	0.0069	
12/31/2015 12:53	0.235	0.0069	
12/31/2015 12:52	0.235	0.0069	
12/31/2015 12:51	0.235	0.007	
12/31/2015 12:50	0.235	0.007	
12/31/2015 12:49	0.235	0.007	
12/31/2015 12:48	0.235	0.007	
12/31/2015 12:47	0.234	0.007	
12/31/2015 12:46	0.234	0.007	
12/31/2015 12:45	0.232	0.007	
12/31/2015 12:44	0.232	0.007	
12/31/2015 12:43	0.232	0.007	
12/31/2015 12:42	0.232	0.007	
12/31/2015 12:41	0.232	0.007	
12/31/2015 12:40	0.231	0.007	
12/31/2015 12:39	0.231	0.007	
12/31/2015 12:38	0.231	0.007	
12/31/2015 12:37	0.231	0.007	
12/31/2015 12:35			
12/31/2015 12:34	0.231	0.007	
12/31/2015 12:33	0.231	0.0069	
12/31/2015 12:32	0.231	0.0069	
12/31/2015 12:31	0.231	0.0069	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 12:30	0.231	0.0069	
12/31/2015 12:29	0.229	0.0068	
12/31/2015 12:28	0.229	0.0067	
12/31/2015 12:27	0.229	0.0067	
12/31/2015 12:26	0.229	0.0066	
12/31/2015 12:25	0.229	0.0066	
12/31/2015 12:24	0.229	0.0065	
12/31/2015 12:23	0.229	0.0065	
12/31/2015 12:22	0.229	0.0064	
12/31/2015 12:21	0.229	0.0063	
12/31/2015 12:20	0.229	0.0063	
12/31/2015 12:19	0.229	0.0062	
12/31/2015 12:18	0.228	0.0063	
12/31/2015 12:17	0.228	0.0062	
12/31/2015 12:16	0.228	0.0063	
12/31/2015 12:15	0.226	0.0064	
12/31/2015 12:14	0.226	0.0065	
12/31/2015 12:13	0.226	0.0065	
12/31/2015 12:12	0.224	0.0066	
12/31/2015 12:09			
12/31/2015 12:08	0.224	0.0068	
12/31/2015 12:07	0.224	0.0069	
12/31/2015 12:06	0.224	0.0069	
12/31/2015 12:05	0.223	0.007	
12/31/2015 12:04	0.222	0.0071	
12/31/2015 12:02		0.0071	
12/31/2015 12:01	0.222	0.007	
12/31/2015 12:00	0.221	0.007	
12/31/2015 11:59	0.221	0.007	
12/31/2015 11:58	0.22	0.007	
12/31/2015 11:57	0.22	0.007	
12/31/2015 11:56	0.22	0.007	
12/31/2015 11:55	0.22	0.0069	
12/31/2015 11:54	0.22	0.0069	
12/31/2015 11:53	0.22	0.0069	
12/31/2015 11:52	0.22	0.0069	
12/31/2015 11:51	0.22	0.0069	
12/31/2015 11:50	0.22	0.0068	
12/31/2015 11:49	0.22	0.0067	
12/31/2015 11:48	0.22	0.0067	
12/31/2015 11:47	0.22	0.0067	
12/31/2015 11:46	0.22	0.0066	
12/31/2015 11:45	0.219	0.0066	
12/31/2015 11:44	0.219	0.0065	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 11:43	0.219	0.0065	
12/31/2015 11:42	0.219	0.0065	
12/31/2015 11:41	0.219	0.0065	
12/31/2015 11:40	0.219	0.0066	
12/31/2015 11:39	0.219	0.0067	
12/31/2015 11:38	0.219	0.0067	
12/31/2015 11:37	0.219	0.0067	
12/31/2015 11:36	0.219	0.0067	
12/31/2015 11:35	0.219	0.0067	
12/31/2015 11:34	0.217	0.0068	
12/31/2015 11:33	0.217	0.0068	
12/31/2015 11:32	0.214	0.0068	
12/31/2015 11:31	0.214	0.0069	
12/31/2015 11:30	0.214	0.0069	
12/31/2015 11:29	0.214	0.007	
12/31/2015 11:28	0.214	0.007	
12/31/2015 11:27	0.214	0.007	
12/31/2015 11:26	0.214	0.007	
12/31/2015 11:25	0.214	0.007	
12/31/2015 11:24	0.214	0.007	
12/31/2015 11:23	0.214	0.0071	
12/31/2015 11:22	0.214	0.0072	
12/31/2015 11:20	0.212		
12/31/2015 11:19	0.212	0.0072	
12/31/2015 11:18	0.212	0.0073	
12/31/2015 11:17	0.212	0.0073	
12/31/2015 11:16	0.212	0.0074	
12/31/2015 11:15	0.212	0.0075	
12/31/2015 11:14	0.211	0.0076	
12/31/2015 11:13	0.211	0.0077	
12/31/2015 11:12	0.211	0.0078	
12/31/2015 11:11	0.21	0.0079	
12/31/2015 11:10	0.21	0.0081	
12/31/2015 11:09	0.21	0.0082	
12/31/2015 11:08	0.21	0.0083	
12/31/2015 11:07	0.21	0.0083	
12/31/2015 11:06	0.21	0.0085	
12/31/2015 11:05	0.21	0.0087	
12/31/2015 11:04	0.21	0.0087	
12/31/2015 11:03	0.21	0.0088	
12/31/2015 11:02	0.21	0.0089	
12/31/2015 11:01	0.207	0.0089	
12/31/2015 11:00	0.207	0.0091	
12/31/2015 10:59	0.207	0.0091	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 10:58	0.205	0.0092	
12/31/2015 10:57	0.205	0.0092	
12/31/2015 10:56	0.205	0.0093	
12/31/2015 10:55	0.204	0.0093	
12/31/2015 10:54	0.204	0.0093	
12/31/2015 10:53	0.203	0.0093	
12/31/2015 10:52	0.203	0.0094	
12/31/2015 10:51	0.203	0.0094	
12/31/2015 10:50	0.202	0.0093	
12/31/2015 10:49	0.202	0.0093	
12/31/2015 10:48	0.202	0.0093	
12/31/2015 10:47	0.202	0.0093	
12/31/2015 10:46	0.202	0.0093	
12/31/2015 10:45	0.202	0.0092	
12/31/2015 10:44	0.199	0.0092	
12/31/2015 10:43	0.199	0.0093	
12/31/2015 10:42	0.199	0.0093	
12/31/2015 10:41	0.199	0.0092	
12/31/2015 10:40	0.199	0.0092	
12/31/2015 10:39	0.197	0.0091	
12/31/2015 10:38	0.194	0.0092	
12/31/2015 10:37	0.194	0.0091	
12/31/2015 10:36	0.194	0.0091	
12/31/2015 10:35	0.194	0.0091	
12/31/2015 10:34	0.194	0.0091	
12/31/2015 10:33	0.194	0.0091	
12/31/2015 10:32	0.188	0.0093	
12/31/2015 10:31	0.186	0.0093	
12/31/2015 10:30	0.186	0.0092	
12/31/2015 10:29	0.186	0.0091	
12/31/2015 10:28	0.185	0.009	
12/31/2015 10:27	0.184	0.0089	
12/31/2015 10:26	0.184	0.0089	
12/31/2015 10:25	0.184	0.0088	
12/31/2015 10:24	0.184	0.0087	
12/31/2015 10:23	0.184	0.0086	
12/31/2015 10:22	0.183	0.0085	
12/31/2015 10:21	0.182	0.0084	
12/31/2015 10:20	0.181	0.0083	
12/31/2015 10:19	0.18	0.0083	
12/31/2015 10:18	0.18	0.0082	
12/31/2015 10:17	0.18	0.008	
12/31/2015 10:16	0.173	0.0079	
12/31/2015 10:15	0.171	0.0078	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 10:14	0.171	0.0078	
12/31/2015 10:13	0.17	0.0078	
12/31/2015 10:12	0.17	0.0077	
12/31/2015 10:11	0.169	0.0077	
12/31/2015 10:10	0.167	0.0077	
12/31/2015 10:09	0.167	0.0076	
12/31/2015 10:08	0.167	0.0076	
12/31/2015 10:07	0.165	0.0077	
12/31/2015 10:06	0.165	0.0077	
12/31/2015 10:05	0.164	0.0077	
12/31/2015 10:04	0.161	0.0077	
12/31/2015 10:03	0.16	0.0076	
12/31/2015 10:02	0.16	0.0076	
12/31/2015 10:01	0.16	0.0077	
12/31/2015 10:00	0.16	0.0078	
12/31/2015 9:59	0.159	0.0078	
12/31/2015 9:58	0.159	0.0102	
12/31/2015 9:57	0.156	0.0103	
12/31/2015 9:56	0.155	0.0105	
12/31/2015 9:54			
12/31/2015 9:53	0.154	0.0102	
12/31/2015 9:52	0.152	0.0102	
12/31/2015 9:51	0.152	0.0102	
12/31/2015 9:50	0.149	0.0102	
12/31/2015 9:49	0.148	0.0102	
12/31/2015 9:48	0.146	0.0103	
12/31/2015 9:47	0.145	0.0103	
12/31/2015 9:46	0.145	0.0103	
12/31/2015 9:45	0.142	0.0103	
12/31/2015 9:44	0.142	0.0102	
12/31/2015 9:43	0.136	0.0081	
12/31/2015 9:42	0.136	0.008	
12/31/2015 9:41	0.134	0.0079	
12/31/2015 9:40	0.134	0.0078	
12/31/2015 9:39	0.134	0.0078	
12/31/2015 9:38	0.132	0.0077	
12/31/2015 9:37	0.132	0.0077	
12/31/2015 9:36	0.13	0.0077	
12/31/2015 9:35	0.128	0.0077	
12/31/2015 9:34	0.128	0.0076	
12/31/2015 9:33	0.126	0.0076	
12/31/2015 9:32	0.126	0.0075	
12/31/2015 9:31	0.125	0.0075	
12/31/2015 9:30	0.119	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 9:29	0.119	0.0075	
12/31/2015 9:28	0.116	0.0075	
12/31/2015 9:27	0.114	0.0075	
12/31/2015 9:26	0.114	0.0075	
12/31/2015 9:25	0.114	0.0075	
12/31/2015 9:24	0.109	0.0075	
12/31/2015 9:23	0.108	0.0075	
12/31/2015 9:22	0.105	0.0075	
12/31/2015 9:21	0.104	0.0075	
12/31/2015 9:20	0.1	0.0075	
12/31/2015 9:19	0.099	0.0075	
12/31/2015 9:18	0.098	0.0075	
12/31/2015 9:17	0.095	0.009	
12/31/2015 9:16	0.092	0.009	
12/31/2015 9:15	0.091	0.0091	
12/31/2015 9:14	0.087	0.0091	
12/31/2015 9:13	0.086	0.0091	
12/31/2015 9:12	0.083	0.0091	
12/31/2015 9:11	0.083	0.0092	
12/31/2015 9:10	0.081	0.0093	
12/31/2015 9:09	0.075	0.0093	
12/31/2015 9:08	0.072	0.0093	
12/31/2015 9:07	0.072	0.0095	
12/31/2015 9:06	0.068	0.0096	
12/31/2015 9:05	0.067	0.0097	
12/31/2015 9:04	0.062	0.0097	
12/31/2015 9:03	0.059	0.0097	
12/31/2015 9:02	0.055	0.0084	
12/31/2015 9:01	0.055	0.0084	
12/31/2015 9:00	0.051	0.0084	
12/31/2015 8:59	0.048	0.0084	
12/31/2015 8:58	0.045	0.0085	
12/31/2015 8:57	0.041	0.0085	
12/31/2015 8:56	0.038	0.0085	
12/31/2015 8:55	0.035	0.0085	
12/31/2015 8:54	0.033	0.0085	
12/31/2015 8:53	0.032	0.0086	
12/31/2015 8:52	0.03	0.0085	
12/31/2015 8:51	0.025	0.0085	
12/31/2015 8:50	0.021	0.0084	
12/31/2015 8:49	0.021	0.0083	
12/31/2015 8:48	0.017	0.0083	
12/31/2015 8:47	0.016	0.0083	
12/31/2015 8:46	0.012	0.0083	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/31/2015 8:45	0.012	0.0083	
12/31/2015 8:44	0.009	0.0083	
12/31/2015 8:43	0.008	0.0082	
12/31/2015 8:42	0.004	0.0082	
12/31/2015 8:41	0.003	0.0081	
12/31/2015 8:40	0.001	0.0081	
12/31/2015 8:39	0	0.0081	
12/31/2015 8:38	0	0.008	
12/31/2015 8:37	0	0.008	
12/31/2015 8:36	0	0.008	
12/31/2015 8:35	0	0.008	
12/31/2015 8:34	0	0.008	
12/31/2015 8:33	0	0.008	
12/31/2015 8:32	0	0.008	
12/31/2015 8:31	0	0.008	
12/31/2015 8:30	0	0.008	
12/31/2015 8:29	0	0.008	
12/31/2015 8:28	0	0.0081	
12/31/2015 8:27	0	0.0081	
12/31/2015 8:26	0	0.0082	
12/31/2015 8:25	0	0.0082	
12/31/2015 8:24	0	0.0082	
12/31/2015 8:23	0	0.0082	
12/31/2015 8:22	0	0.0082	
12/31/2015 8:21	0	0.0082	
12/31/2015 8:20	0	0.0082	
12/31/2015 8:19	0	0.0082	
12/31/2015 8:18	0	0.0082	
12/31/2015 8:17	0	0.0083	
12/31/2015 8:16	0	0.0083	
12/31/2015 8:15	0	0.0083	
12/31/2015 8:14	0	0.0083	
12/31/2015 8:13	0	0.0081	
12/31/2015 8:12	0	0.0081	
12/31/2015 8:11	0	0.008	
12/31/2015 8:10	0	0.008	
12/31/2015 8:09	0	0.008	
12/31/2015 8:08	0	0.008	
12/31/2015 8:07	0	0.008	
12/31/2015 8:06	0	0.008	
12/30/2015 16:48	0.268	0.0275	
12/30/2015 16:47	0.268	0.0287	
12/30/2015 16:46	0.268	0.0297	
12/30/2015 16:45	0.268	0.0307	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 16:44	0.268	0.0311	
12/30/2015 16:43	0.268	0.0315	
12/30/2015 16:42	0.269	0.0315	
12/30/2015 16:41	0.269	0.0314	
12/30/2015 16:40	0.269	0.0312	
12/30/2015 16:39	0.269	0.0308	
12/30/2015 16:38	0.269	0.0309	
12/30/2015 16:37	0.269	0.0309	
12/30/2015 16:36	0.269	0.0307	
12/30/2015 16:35	0.269	0.0305	
12/30/2015 16:34	0.269	0.0288	
12/30/2015 16:33	0.269	0.0272	
12/30/2015 16:32	0.269	0.0255	
12/30/2015 16:31	0.269	0.0239	
12/30/2015 16:30	0.27	0.0225	
12/30/2015 16:29	0.27	0.0218	
12/30/2015 16:28	0.27	0.0212	
12/30/2015 16:27	0.271	0.0211	
12/30/2015 16:26	0.271	0.0211	
12/30/2015 16:25	0.271	0.0212	
12/30/2015 16:21	0.271		
12/30/2015 16:20	0.271	0.0215	
12/30/2015 16:19	0.271	0.0217	
12/30/2015 16:18	0.271	0.022	
12/30/2015 16:17	0.271	0.0223	
12/30/2015 16:16	0.275	0.0224	
12/30/2015 16:15	0.272	0.0225	
12/30/2015 16:14	0.272	0.0226	
12/30/2015 16:13	0.272	0.0227	
12/30/2015 16:12	0.272	0.0227	
12/30/2015 16:11	0.272	0.0228	
12/30/2015 16:10	0.272	0.0229	
12/30/2015 16:09	0.272	0.023	
12/30/2015 16:08	0.272	0.0231	
12/30/2015 16:07	0.272	0.0231	
12/30/2015 16:06	0.271	0.0231	
12/30/2015 16:05	0.271	0.0229	
12/30/2015 16:04	0.271	0.0231	
12/30/2015 16:03	0.271	0.0231	
12/30/2015 16:02	0.271	0.0232	
12/30/2015 16:01	0.271	0.0233	
12/30/2015 16:00	0.271	0.0235	
12/30/2015 15:59	0.27	0.0235	
12/30/2015 15:58	0.27	0.0236	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 15:57	0.27	0.0235	
12/30/2015 15:56	0.27	0.0234	
12/30/2015 15:55	0.27	0.0233	
12/30/2015 15:54	0.27	0.0232	
12/30/2015 15:53	0.27	0.0232	
12/30/2015 15:52	0.27	0.0232	
12/30/2015 15:51	0.27	0.0233	
12/30/2015 15:50	0.27	0.0233	
12/30/2015 15:49	0.27	0.023	
12/30/2015 15:48	0.269	0.0228	
12/30/2015 15:47	0.268	0.0226	
12/30/2015 15:46	0.267	0.0224	
12/30/2015 15:45	0.267	0.0221	
12/30/2015 15:44	0.267	0.0219	
12/30/2015 15:43	0.267	0.0217	
12/30/2015 15:42	0.267	0.0216	
12/30/2015 15:41	0.267	0.0216	
12/30/2015 15:40	0.263	0.0219	
12/30/2015 15:39	0.263	0.0219	
12/30/2015 15:38	0.263	0.0218	
12/30/2015 15:37	0.263	0.0218	
12/30/2015 15:36	0.263	0.0217	
12/30/2015 15:35	0.263	0.0217	
12/30/2015 15:34	0.263	0.0217	
12/30/2015 15:33	0.263	0.0217	
12/30/2015 15:32	0.263	0.0217	
12/30/2015 15:31	0.263	0.0216	
12/30/2015 15:30	0.263	0.0216	
12/30/2015 15:29	0.263		
12/30/2015 15:28	0.263	0.0217	
12/30/2015 15:27	0.263	0.0217	
12/30/2015 15:26	0.263	0.0215	
12/30/2015 15:25	0.263	0.0213	
12/30/2015 15:24	0.263	0.0211	
12/30/2015 15:23	0.263	0.021	
12/30/2015 15:22	0.263	0.0209	
12/30/2015 15:21	0.263	0.0208	
12/30/2015 15:20	0.263	0.0208	
12/30/2015 15:19	0.263	0.0209	
12/30/2015 15:18	0.263	0.0209	
12/30/2015 15:17	0.263	0.0209	
12/30/2015 15:16	0.263	0.0209	
12/30/2015 15:15	0.263	0.0209	
12/30/2015 15:14	0.263	0.0209	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 15:13	0.263	0.0208	
12/30/2015 15:12	0.263	0.0207	
12/30/2015 15:11	0.262	0.0207	
12/30/2015 15:10	0.262	0.0207	
12/30/2015 15:09	0.261	0.0207	
12/30/2015 15:08	0.261	0.0207	
12/30/2015 15:07	0.261	0.0207	
12/30/2015 15:06	0.261	0.0207	
12/30/2015 15:05	0.261	0.0207	
12/30/2015 15:04	0.26	0.0205	
12/30/2015 15:03	0.26	0.0205	
12/30/2015 15:02	0.26	0.0204	
12/30/2015 15:01	0.26	0.0204	
12/30/2015 15:00	0.26	0.0207	
12/30/2015 14:59	0.26	0.0207	
12/30/2015 14:58	0.26	0.0207	
12/30/2015 14:57	0.26	0.0207	
12/30/2015 14:56	0.26	0.0206	
12/30/2015 14:55	0.26	0.0205	
12/30/2015 14:54	0.26	0.0204	
12/30/2015 14:53	0.26	0.0203	
12/30/2015 14:52	0.26	0.0203	
12/30/2015 14:51	0.26	0.0203	
12/30/2015 14:50	0.26	0.0203	
12/30/2015 14:49	0.261	0.0203	
12/30/2015 14:48	0.261	0.0203	
12/30/2015 14:47	0.261	0.0202	
12/30/2015 14:46	0.26	0.0201	
12/30/2015 14:45	0.259	0.0195	
12/30/2015 14:44	0.257	0.0194	
12/30/2015 14:43	0.257	0.0193	
12/30/2015 14:42	0.257	0.0192	
12/30/2015 14:41	0.257	0.0192	
12/30/2015 14:40	0.257	0.0192	
12/30/2015 14:39	0.257	0.0191	
12/30/2015 14:38	0.257	0.0189	
12/30/2015 14:37	0.257	0.0188	
12/30/2015 14:36	0.257	0.0186	
12/30/2015 14:33	0.254	0.0184	
12/30/2015 14:32	0.254	0.0183	
12/30/2015 14:31	0.254	0.0182	
12/30/2015 14:30	0.254	0.0181	
12/30/2015 14:29	0.254	0.0181	
12/30/2015 14:28	0.254	0.018	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 14:27	0.254	0.0179	
12/30/2015 14:26	0.254	0.0178	
12/30/2015 14:25	0.254	0.0177	
12/30/2015 14:24	0.254	0.0177	
12/30/2015 14:23	0.254	0.0176	
12/30/2015 14:22	0.254	0.0176	
12/30/2015 14:21	0.254	0.0175	
12/30/2015 14:20	0.254	0.0175	
12/30/2015 14:19	0.256	0.0175	
12/30/2015 14:18	0.256	0.0174	
12/30/2015 14:17	0.256	0.0173	
12/30/2015 14:16	0.256	0.0173	
12/30/2015 14:15	0.255	0.0172	
12/30/2015 14:14	0.255	0.0171	
12/30/2015 14:13	0.255	0.017	
12/30/2015 14:12	0.255	0.0168	
12/30/2015 14:11	0.255	0.0167	
12/30/2015 14:10	0.255	0.0165	
12/30/2015 14:07	0.254	0.016	
12/30/2015 14:06	0.254	0.0158	
12/30/2015 14:05	0.254	0.0155	
12/30/2015 14:04	0.251	0.0153	
12/30/2015 14:03	0.251	0.0152	
12/30/2015 14:02	0.251	0.015	
12/30/2015 14:01	0.251	0.0148	
12/30/2015 14:00	0.25	0.0146	
12/30/2015 13:59	0.25	0.0145	
12/30/2015 13:58	0.25	0.0143	
12/30/2015 13:57	0.25	0.0142	
12/30/2015 13:56	0.25	0.0142	
12/30/2015 13:55	0.25	0.0142	
12/30/2015 13:54	0.25	0.0142	
12/30/2015 13:53	0.25	0.0143	
12/30/2015 13:52	0.25	0.0143	
12/30/2015 13:51	0.249	0.0143	
12/30/2015 13:50	0.249	0.0144	
12/30/2015 13:49	0.249	0.0145	
12/30/2015 13:48	0.249	0.0146	
12/30/2015 13:47	0.249	0.0147	
12/30/2015 13:46	0.249	0.0147	
12/30/2015 13:45	0.249	0.0148	
12/30/2015 13:44	0.249	0.0149	
12/30/2015 13:43	0.249	0.015	
12/30/2015 13:42	0.249	0.0151	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 13:41	0.249	0.0151	
12/30/2015 13:40	0.249	0.0152	
12/30/2015 13:39	0.249	0.0153	
12/30/2015 13:38	0.249	0.0154	
12/30/2015 13:37	0.249	0.0155	
12/30/2015 13:36	0.249	0.0157	
12/30/2015 13:35	0.249	0.0159	
12/30/2015 13:34	0.249	0.016	
12/30/2015 13:33	0.249	0.0161	
12/30/2015 13:32	0.249	0.0163	
12/30/2015 13:31	0.249	0.0165	
12/30/2015 13:30	0.249	0.0167	
12/30/2015 13:29	0.249	0.0169	
12/30/2015 13:28	0.249	0.0169	
12/30/2015 13:27	0.249	0.0171	
12/30/2015 13:26	0.248	0.0171	
12/30/2015 13:25	0.248	0.0172	
12/30/2015 13:24	0.248	0.0172	
12/30/2015 13:23	0.248	0.0171	
12/30/2015 13:22	0.248	0.0171	
12/30/2015 13:21	0.248	0.0171	
12/30/2015 13:20	0.248	0.0171	
12/30/2015 13:19	0.248	0.0171	
12/30/2015 13:18	0.248	0.017	
12/30/2015 13:17	0.248	0.0169	
12/30/2015 13:16	0.248	0.0168	
12/30/2015 13:15	0.248	0.0167	
12/30/2015 13:14	0.244	0.0167	
12/30/2015 13:13	0.244	0.0166	
12/30/2015 13:12	0.244	0.0165	
12/30/2015 13:11	0.244	0.0165	
12/30/2015 13:10	0.244	0.0164	
12/30/2015 13:09	0.244	0.0163	
12/30/2015 13:08	0.244	0.0163	
12/30/2015 13:07	0.244	0.0162	
12/30/2015 13:06	0.244	0.0161	
12/30/2015 13:05	0.244	0.0159	
12/30/2015 13:04	0.244	0.0159	
12/30/2015 13:03	0.244	0.0159	
12/30/2015 13:02	0.244	0.0159	
12/30/2015 13:01	0.244	0.016	
12/30/2015 13:00	0.244	0.016	
12/30/2015 12:59	0.244	0.0158	
12/30/2015 12:58	0.244	0.0159	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 12:57	0.244	0.0159	
12/30/2015 12:56	0.241	0.016	
12/30/2015 12:55	0.241	0.016	
12/30/2015 12:54	0.241	0.0162	
12/30/2015 12:53	0.241	0.0163	
12/30/2015 12:52	0.239	0.0164	
12/30/2015 12:51	0.239	0.0165	
12/30/2015 12:50	0.238	0.0166	
12/30/2015 12:49	0.238	0.0167	
12/30/2015 12:48	0.236	0.0168	
12/30/2015 12:47	0.236	0.0168	
12/30/2015 12:44	0.23	0.0168	
12/30/2015 12:43	0.23	0.0168	
12/30/2015 12:42	0.23	0.0168	
12/30/2015 12:41	0.23	0.0168	
12/30/2015 12:40	0.23	0.0169	
12/30/2015 12:39	0.23	0.0169	
12/30/2015 12:38	0.23	0.017	
12/30/2015 12:37	0.229	0.0171	
12/30/2015 12:36	0.226	0.0172	
12/30/2015 12:35	0.226	0.0174	
12/30/2015 12:34	0.226	0.0175	
12/30/2015 12:33	0.226	0.0177	
12/30/2015 12:32	0.226	0.0178	
12/30/2015 12:31	0.226	0.0179	
12/30/2015 12:30	0.226	0.0181	
12/30/2015 12:29	0.226	0.0182	
12/30/2015 12:28	0.226	0.0184	
12/30/2015 12:27	0.226	0.0186	
12/30/2015 12:26	0.226	0.0187	
12/30/2015 12:25	0.222	0.0189	
12/30/2015 12:24	0.222	0.019	
12/30/2015 12:23	0.222	0.0191	
12/30/2015 12:22	0.222	0.0193	
12/30/2015 12:21	0.222	0.0193	
12/30/2015 12:20	0.222	0.0193	
12/30/2015 12:19	0.222	0.0194	
12/30/2015 12:18	0.222	0.0195	
12/30/2015 12:17	0.222	0.0195	
12/30/2015 12:16	0.222	0.0196	
12/30/2015 12:15	0.222	0.0197	
12/30/2015 12:14	0.222	0.0197	
12/30/2015 12:13	0.222	0.0197	
12/30/2015 12:12	0.222	0.0199	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 12:11	0.222	0.0199	
12/30/2015 12:10	0.222	0.0199	
12/30/2015 12:09	0.222	0.0199	
12/30/2015 12:08	0.222	0.02	
12/30/2015 12:07	0.222	0.0199	
12/30/2015 12:06	0.222	0.02	
12/30/2015 12:05	0.222	0.02	
12/30/2015 12:04	0.222	0.02	
12/30/2015 12:03	0.222	0.02	
12/30/2015 12:02	0.222	0.0201	
12/30/2015 12:01	0.222	0.0201	
12/30/2015 12:00	0.223	0.0202	
12/30/2015 11:59	0.222	0.0204	
12/30/2015 11:58	0.222	0.0206	
12/30/2015 11:57	0.222	0.0206	
12/30/2015 11:56	0.222	0.0207	
12/30/2015 11:55	0.222	0.0211	
12/30/2015 11:54	0.222	0.0215	
12/30/2015 11:53	0.222	0.0218	
12/30/2015 11:52	0.222	0.0221	
12/30/2015 11:51	0.216	0.0223	
12/30/2015 11:50	0.216	0.0224	
12/30/2015 11:49	0.216	0.0225	
12/30/2015 11:48	0.216	0.0227	
12/30/2015 11:47	0.216	0.0228	
12/30/2015 11:46	0.216	0.023	
12/30/2015 11:45	0.216	0.0231	
12/30/2015 11:44	0.216	0.0231	
12/30/2015 11:43	0.216	0.0231	
12/30/2015 11:42	0.216	0.0233	
12/30/2015 11:41	0.216	0.0234	
12/30/2015 11:40	0.216	0.0232	
12/30/2015 11:39	0.216	0.0231	
12/30/2015 11:38	0.216	0.0229	
12/30/2015 11:37	0.216	0.0228	
12/30/2015 11:36	0.216	0.0228	
12/30/2015 11:35	0.216	0.0228	
12/30/2015 11:34	0.216	0.0229	
12/30/2015 11:33	0.216	0.023	
12/30/2015 11:32	0.216	0.0231	
12/30/2015 11:31	0.216	0.0234	
12/30/2015 11:30	0.213	0.0235	
12/30/2015 11:29	0.213	0.0237	
12/30/2015 11:28	0.213	0.0238	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 11:27	0.213	0.024	
12/30/2015 11:23			
12/30/2015 11:22	0.212	0.0248	
12/30/2015 11:21	0.212	0.0251	
12/30/2015 11:20	0.212	0.0255	
12/30/2015 11:19	0.211	0.0257	
12/30/2015 11:18	0.211	0.0261	
12/30/2015 11:17	0.21	0.0263	
12/30/2015 11:16	0.21	0.0265	
12/30/2015 11:15	0.21	0.0267	
12/30/2015 11:14	0.21	0.0268	
12/30/2015 11:13	0.209	0.027	
12/30/2015 11:12	0.209	0.0272	
12/30/2015 11:11	0.209	0.0273	
12/30/2015 11:10	0.209	0.0274	
12/30/2015 11:09	0.209	0.0274	
12/30/2015 11:08	0.207	0.0275	
12/30/2015 11:07	0.207	0.0276	
12/30/2015 11:06	0.205	0.0275	
12/30/2015 11:05	0.205	0.0273	
12/30/2015 11:04	0.205	0.0272	
12/30/2015 11:03	0.205	0.0271	
12/30/2015 11:02	0.205	0.0269	
12/30/2015 11:01	0.203	0.0267	
12/30/2015 11:00	0.202	0.0265	
12/30/2015 10:59	0.202	0.0263	
12/30/2015 10:58	0.202	0.0261	
12/30/2015 10:57	0.202	0.0259	
12/30/2015 10:56	0.2	0.0257	
12/30/2015 10:55	0.2	0.0254	
12/30/2015 10:54	0.2	0.0252	
12/30/2015 10:53	0.2	0.025	
12/30/2015 10:52	0.2	0.0248	
12/30/2015 10:51	0.197	0.0247	
12/30/2015 10:50	0.196	0.0247	
12/30/2015 10:49	0.195	0.0246	
12/30/2015 10:48	0.193	0.0245	
12/30/2015 10:47	0.193	0.0243	
12/30/2015 10:46	0.193	0.0241	
12/30/2015 10:45	0.193	0.0239	
12/30/2015 10:44	0.19	0.0237	
12/30/2015 10:43	0.19	0.0237	
12/30/2015 10:42	0.19	0.0235	
12/30/2015 10:41	0.19	0.0233	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 10:40	0.189	0.0232	
12/30/2015 10:39	0.188	0.0231	
12/30/2015 10:38	0.188	0.023	
12/30/2015 10:37	0.185	0.0228	
12/30/2015 10:36	0.182	0.0226	
12/30/2015 10:35	0.181	0.0223	
12/30/2015 10:34	0.181	0.0221	
12/30/2015 10:33	0.181	0.0219	
12/30/2015 10:32	0.181	0.0218	
12/30/2015 10:31	0.181	0.0217	
12/30/2015 10:30	0.181	0.0217	
12/30/2015 10:29	0.181	0.0217	
12/30/2015 10:28	0.181	0.0217	
12/30/2015 10:27	0.18	0.0217	
12/30/2015 10:26	0.18	0.0217	
12/30/2015 10:25	0.178	0.0217	
12/30/2015 10:24	0.178	0.0216	
12/30/2015 10:23	0.177	0.0217	
12/30/2015 10:22	0.177	0.0219	
12/30/2015 10:21	0.177	0.0219	
12/30/2015 10:20	0.174	0.0221	
12/30/2015 10:19	0.174	0.0222	
12/30/2015 10:18	0.174	0.0223	
12/30/2015 10:17	0.171	0.0225	
12/30/2015 10:16	0.171	0.0226	
12/30/2015 10:15	0.169	0.0227	
12/30/2015 10:14	0.169	0.0227	
12/30/2015 10:13	0.169	0.0228	
12/30/2015 10:12	0.166	0.0228	
12/30/2015 10:11	0.166	0.0229	
12/30/2015 10:10	0.166	0.0229	
12/30/2015 10:09	0.161	0.023	
12/30/2015 10:08	0.161	0.0229	
12/30/2015 10:07	0.161	0.023	
12/30/2015 10:06	0.159	0.0231	
12/30/2015 10:05	0.156	0.0231	
12/30/2015 10:04	0.156	0.0232	
12/30/2015 10:03	0.156	0.0233	
12/30/2015 10:02	0.15	0.0234	
12/30/2015 10:01	0.15	0.0234	
12/30/2015 10:00	0.15	0.0234	
12/30/2015 9:59	0.148	0.0234	
12/30/2015 9:58	0.147	0.0234	
12/30/2015 9:57	0.147	0.0234	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 9:56	0.147	0.0234	
12/30/2015 9:55	0.146	0.0234	
12/30/2015 9:53		0.0233	
12/30/2015 9:52	0.142	0.0233	
12/30/2015 9:51	0.142	0.0233	
12/30/2015 9:50	0.139	0.0233	
12/30/2015 9:49	0.139	0.0233	
12/30/2015 9:48	0.136	0.0233	
12/30/2015 9:47	0.136	0.0233	
12/30/2015 9:46	0.136	0.0235	
12/30/2015 9:45	0.135	0.0235	
12/30/2015 9:44	0.132	0.0236	
12/30/2015 9:43	0.131	0.0237	
12/30/2015 9:42	0.126	0.0239	
12/30/2015 9:41	0.126	0.0239	
12/30/2015 9:40	0.121	0.024	
12/30/2015 9:39	0.121	0.0241	
12/30/2015 9:38	0.121	0.0242	
12/30/2015 9:37	0.116	0.0242	
12/30/2015 9:36	0.116	0.0243	
12/30/2015 9:35	0.112	0.0243	
12/30/2015 9:34	0.111	0.0243	
12/30/2015 9:33	0.11	0.0243	
12/30/2015 9:32	0.106	0.0243	
12/30/2015 9:31	0.104	0.0243	
12/30/2015 9:30	0.104	0.0243	
12/30/2015 9:29	0.102	0.0243	
12/30/2015 9:28	0.101	0.0243	
12/30/2015 9:27	0.095	0.0243	
12/30/2015 9:26	0.092	0.0243	
12/30/2015 9:25	0.092	0.0242	
12/30/2015 9:24	0.091	0.0242	
12/30/2015 9:23	0.086	0.0241	
12/30/2015 9:22	0.084	0.0241	
12/30/2015 9:21	0.081	0.0241	
12/30/2015 9:20	0.078	0.0241	
12/30/2015 9:19	0.074	0.024	
12/30/2015 9:18	0.071	0.0239	
12/30/2015 9:17	0.067	0.0239	
12/30/2015 9:16	0.066	0.0238	
12/30/2015 9:15	0.062	0.0237	
12/30/2015 9:14	0.062	0.0237	
12/30/2015 9:13	0.06	0.0235	
12/30/2015 9:12	0.055	0.0234	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/30/2015 9:11	0.052	0.0233	
12/30/2015 9:10	0.05	0.0233	
12/30/2015 9:09	0.045	0.0231	
12/30/2015 9:08	0.045	0.0229	
12/30/2015 9:07	0.042	0.0227	
12/30/2015 9:06	0.04	0.0225	
12/30/2015 9:05	0.036	0.0223	
12/30/2015 9:04	0.032	0.0221	
12/30/2015 9:03	0.031	0.0219	
12/30/2015 9:02	0.029	0.0217	
12/30/2015 9:01	0.028	0.0215	
12/30/2015 9:00	0.023	0.0213	
12/30/2015 8:59	0.02	0.021	
12/30/2015 8:58	0.016	0.0207	
12/30/2015 8:57	0.015	0.0205	
12/30/2015 8:56	0.015	0.0202	
12/30/2015 8:55	0.012	0.02	
12/30/2015 8:54	0.01	0.0198	
12/30/2015 8:53	0.008	0.0196	
12/30/2015 8:52	0.007	0.0194	
12/30/2015 8:51	0	0.0198	
12/30/2015 8:50	0	0.0197	
12/30/2015 8:49	0	0.0197	
12/30/2015 8:48	0	0.0197	
12/30/2015 8:47	0	0.0197	
12/30/2015 8:46	0	0.0196	
12/30/2015 8:45	0	0.0196	
12/30/2015 8:44	0	0.0197	
12/30/2015 8:43	0	0.0197	
12/30/2015 8:42	0	0.0199	
12/30/2015 8:41	0	0.02	
12/30/2015 8:40	0	0.0202	
12/30/2015 8:39	0	0.0205	
12/30/2015 8:38	0	0.0213	
12/30/2015 8:37	0	0.023	
12/30/2015 8:36	0.003	0.019	
12/21/2015 15:55	0.133	0.0965	
12/21/2015 15:54	0.133	0.0972	
12/21/2015 15:53	0.135	0.0841	
12/21/2015 15:52	0.136	0.0665	
12/21/2015 15:51	0.136	0.0306	
12/21/2015 15:50	0.136	0.0238	
12/21/2015 15:49	0.136	0.0169	
12/21/2015 15:48	0.136	0.0172	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 15:47	0.136	0.0175	
12/21/2015 15:46	0.137	0.0175	
12/21/2015 15:45	0.137	0.0177	
12/21/2015 15:44	0.137	0.018	
12/21/2015 15:43	0.137	0.0165	
12/21/2015 15:42	0.137	0.0157	
12/21/2015 15:41	0.137	0.0148	
12/21/2015 15:40	0.138	0.0145	
12/21/2015 15:38	0.138		
12/21/2015 15:37	0.138	0.0111	
12/21/2015 15:36	0.138	0.0105	
12/21/2015 15:35	0.138	0.0108	
12/21/2015 15:34	0.138	0.0103	
12/21/2015 15:33	0.138	0.0098	
12/21/2015 15:32	0.138	0.0097	
12/21/2015 15:31	0.138	0.0099	
12/21/2015 15:30	0.139	0.01	
12/21/2015 15:29	0.139	0.0091	
12/21/2015 15:28	0.14	0.0091	
12/21/2015 15:27	0.14	0.0086	
12/21/2015 15:26	0.14	0.008	
12/21/2015 15:25	0.142	0.0078	
12/21/2015 15:24	0.143	0.0075	
12/21/2015 15:23	0.143	0.0074	
12/21/2015 15:22	0.143	0.0073	
12/21/2015 15:21	0.143	0.0071	
12/21/2015 15:20	0.145	0.0064	
12/21/2015 15:19	0.146	0.0064	
12/21/2015 15:18	0.146	0.0064	
12/21/2015 15:17	0.146	0.0061	
12/21/2015 15:16	0.148	0.0057	
12/21/2015 15:15	0.149	0.0055	
12/21/2015 15:13		0.0052	
12/21/2015 15:12	0.149	0.0057	
12/21/2015 15:11	0.15	0.0056	
12/21/2015 15:10	0.152	0.007	
12/21/2015 15:09	0.152	0.0071	
12/21/2015 15:08	0.152	0.0073	
12/21/2015 15:07	0.152	0.0073	
12/21/2015 15:06	0.152	0.0077	
12/21/2015 15:05	0.15	0.0081	
12/21/2015 15:04	0.15	0.0081	
12/21/2015 15:03	0.15	0.0082	
12/21/2015 15:02	0.147	0.0083	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 15:01	0.147	0.0085	
12/21/2015 15:00	0.147	0.0083	
12/21/2015 14:59	0.146	0.0084	
12/21/2015 14:58	0.145	0.0084	
12/21/2015 14:57	0.145	0.0079	
12/21/2015 14:56	0.145	0.0079	
12/21/2015 14:55	0.145	0.0063	
12/21/2015 14:54	0.144	0.0061	
12/21/2015 14:53	0.142	0.0061	
12/21/2015 14:52	0.142	0.0062	
12/21/2015 14:51	0.142	0.0059	
12/21/2015 14:50	0.142	0.0083	
12/21/2015 14:49	0.141	0.0117	
12/21/2015 14:48	0.141	0.0117	
12/21/2015 14:47	0.141	0.0117	
12/21/2015 14:46	0.141	0.0115	
12/21/2015 14:45	0.141	0.0117	
12/21/2015 14:44	0.141	0.0117	
12/21/2015 14:43	0.141	0.0117	
12/21/2015 14:42	0.141	0.0117	
12/21/2015 14:41	0.141	0.0119	
12/21/2015 14:40	0.14	0.0119	
12/21/2015 14:39	0.14	0.012	
12/21/2015 14:38	0.14	0.0119	
12/21/2015 14:37	0.14	0.0119	
12/21/2015 14:36	0.14	0.012	
12/21/2015 14:35	0.14	0.0093	
12/21/2015 14:34	0.14	0.0064	
12/21/2015 14:33	0.14	0.0065	
12/21/2015 14:32	0.14	0.0065	
12/21/2015 14:31	0.14	0.0067	
12/21/2015 14:30	0.14	0.0074	
12/21/2015 14:29	0.14	0.0165	
12/21/2015 14:28	0.14	0.0166	
12/21/2015 14:27	0.14	0.0166	
12/21/2015 14:26	0.14	0.0165	
12/21/2015 14:25	0.139	0.0165	
12/21/2015 14:24	0.139	0.0165	
12/21/2015 14:23	0.139	0.0165	
12/21/2015 14:22	0.139	0.0165	
12/21/2015 14:21	0.137	0.0167	
12/21/2015 14:20	0.137	0.0167	
12/21/2015 14:19	0.137	0.0163	
12/21/2015 14:18	0.136	0.0162	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 14:17	0.136	0.0162	
12/21/2015 14:16	0.136	0.0161	
12/21/2015 14:15	0.136	0.0154	
12/21/2015 14:14	0.136	0.0063	
12/21/2015 14:13	0.136	0.0063	
12/21/2015 14:12	0.135	0.0064	
12/21/2015 14:11	0.135	0.0065	
12/21/2015 14:10	0.134	0.0065	
12/21/2015 14:09	0.134	0.0067	
12/21/2015 14:08	0.134	0.0095	
12/21/2015 14:07	0.133	0.0095	
12/21/2015 14:06	0.133	0.0094	
12/21/2015 14:05	0.133	0.0094	
12/21/2015 14:04	0.133	0.0094	
12/21/2015 14:03	0.133	0.0094	
12/21/2015 14:02	0.133	0.0095	
12/21/2015 14:01	0.133	0.0095	
12/21/2015 14:00	0.133	0.0095	
12/21/2015 13:59	0.133	0.0096	
12/21/2015 13:58	0.133	0.0097	
12/21/2015 13:57	0.133	0.0096	
12/21/2015 13:56	0.133	0.0095	
12/21/2015 13:55	0.133	0.0096	
12/21/2015 13:54	0.133	0.0097	
12/21/2015 13:53	0.133	0.0072	
12/21/2015 13:52	0.135	0.0115	
12/21/2015 13:51	0.135	0.0115	
12/21/2015 13:50	0.135	0.0115	
12/21/2015 13:49	0.135	0.0124	
12/21/2015 13:48	0.135	0.0125	
12/21/2015 13:47	0.134	0.0125	
12/21/2015 13:46	0.134	0.0125	
12/21/2015 13:45	0.134	0.0126	
12/21/2015 13:44	0.134	0.0129	
12/21/2015 13:43	0.134	0.0129	
12/21/2015 13:42	0.134	0.013	
12/21/2015 13:41	0.134	0.0131	
12/21/2015 13:40	0.132	0.0132	
12/21/2015 13:39	0.131	0.0131	
12/21/2015 13:38	0.131	0.013	
12/21/2015 13:37	0.131	0.0089	
12/21/2015 13:36	0.131	0.009	
12/21/2015 13:35	0.131	0.0096	
12/21/2015 13:34	0.131	0.0091	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 13:33	0.131	0.0091	
12/21/2015 13:32	0.131	0.0093	
12/21/2015 13:31	0.131	0.0099	
12/21/2015 13:30	0.131	0.0099	
12/21/2015 13:29	0.131	0.0097	
12/21/2015 13:28	0.131	0.0097	
12/21/2015 13:27	0.131	0.0097	
12/21/2015 13:26	0.131	0.0095	
12/21/2015 13:25	0.131	0.0095	
12/21/2015 13:24	0.132	0.0096	
12/21/2015 13:23	0.132	0.0095	
12/21/2015 13:22	0.132	0.0094	
12/21/2015 13:21	0.132	0.0093	
12/21/2015 13:20	0.132	0.0088	
12/21/2015 13:19	0.132	0.0091	
12/21/2015 13:18	0.132	0.0091	
12/21/2015 13:17	0.132	0.0088	
12/21/2015 13:16	0.132	0.0081	
12/21/2015 13:15	0.132	0.0081	
12/21/2015 13:14	0.132	0.0081	
12/21/2015 13:13	0.132	0.0083	
12/21/2015 13:12	0.132	0.0083	
12/21/2015 13:11	0.132	0.0084	
12/21/2015 13:10	0.132	0.0084	
12/21/2015 13:09	0.132	0.0084	
12/21/2015 13:08	0.132	0.0085	
12/21/2015 13:07	0.132	0.0085	
12/21/2015 13:06	0.133	0.0089	
12/21/2015 13:05	0.133	0.0166	
12/21/2015 13:04	0.133	0.0161	
12/21/2015 13:03	0.133	0.0162	
12/21/2015 13:02	0.133	0.0163	
12/21/2015 13:01	0.133	0.0163	
12/21/2015 13:00	0.133	0.0169	
12/21/2015 12:59	0.133	0.0169	
12/21/2015 12:58	0.133	0.0167	
12/21/2015 12:57	0.133	0.0167	
12/21/2015 12:56	0.133	0.0166	
12/21/2015 12:55	0.133	0.0165	
12/21/2015 12:54	0.133	0.0165	
12/21/2015 12:53	0.135	0.0162	
12/21/2015 12:52	0.135	0.0161	
12/21/2015 12:51	0.135	0.0157	
12/21/2015 12:50	0.135	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 12:49	0.136	0.0081	
12/21/2015 12:48	0.136	0.0079	
12/21/2015 12:47	0.136	0.0077	
12/21/2015 12:46	0.136	0.0077	
12/21/2015 12:45	0.137	0.0071	
12/21/2015 12:44	0.137	0.0072	
12/21/2015 12:43	0.137	0.0073	
12/21/2015 12:42	0.137	0.0075	
12/21/2015 12:41	0.137	0.0076	
12/21/2015 12:40	0.137	0.0077	
12/21/2015 12:39	0.137	0.0079	
12/21/2015 12:38	0.137	0.0079	
12/21/2015 12:37	0.137	0.0081	
12/21/2015 12:36	0.136	0.0082	
12/21/2015 12:35	0.135	0.0083	
12/21/2015 12:34	0.135	0.0082	
12/21/2015 12:33	0.134	0.0083	
12/21/2015 12:32	0.134	0.0085	
12/21/2015 12:31	0.134	0.0087	
12/21/2015 12:30	0.134	0.0087	
12/21/2015 12:29	0.134	0.0087	
12/21/2015 12:28	0.134	0.0087	
12/21/2015 12:27	0.134	0.0087	
12/21/2015 12:26	0.134	0.0089	
12/21/2015 12:25	0.134	0.0089	
12/21/2015 12:24	0.131	0.0088	
12/21/2015 12:23	0.13	0.0089	
12/21/2015 12:22	0.13	0.0089	
12/21/2015 12:21	0.13	0.0089	
12/21/2015 12:20	0.129	0.0089	
12/21/2015 12:19	0.129	0.0088	
12/21/2015 12:18	0.129	0.0088	
12/21/2015 12:17	0.129	0.0087	
12/21/2015 12:16	0.129	0.0087	
12/21/2015 12:15	0.129	0.0089	
12/21/2015 12:14	0.129	0.009	
12/21/2015 12:13	0.129	0.009	
12/21/2015 12:12	0.129	0.0089	
12/21/2015 12:11	0.129	0.0086	
12/21/2015 12:10	0.125	0.0089	
12/21/2015 12:09	0.125	0.0089	
12/21/2015 12:08	0.125	0.0089	
12/21/2015 12:07	0.125	0.0088	
12/21/2015 12:06	0.125	0.0089	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 12:05	0.125	0.0089	
12/21/2015 12:04	0.125	0.0089	
12/21/2015 12:03	0.124	0.0089	
12/21/2015 12:02	0.124	0.0088	
12/21/2015 12:01	0.123	0.0089	
12/21/2015 12:00	0.123	0.0089	
12/21/2015 11:59	0.122	0.0088	
12/21/2015 11:58	0.122	0.0089	
12/21/2015 11:57	0.121	0.0089	
12/21/2015 11:56	0.121	0.0089	
12/21/2015 11:55	0.119	0.0086	
12/21/2015 11:54	0.117	0.0084	
12/21/2015 11:53	0.117	0.0083	
12/21/2015 11:52	0.117	0.0085	
12/21/2015 11:51	0.117	0.0083	
12/21/2015 11:50	0.115	0.0084	
12/21/2015 11:49	0.115	0.0086	
12/21/2015 11:48	0.115	0.0086	
12/21/2015 11:47	0.115	0.0086	
12/21/2015 11:46	0.114	0.0084	
12/21/2015 11:45	0.114	0.0083	
12/21/2015 11:44	0.113	0.0082	
12/21/2015 11:43	0.113	0.0082	
12/21/2015 11:42	0.11	0.0082	
12/21/2015 11:41	0.11	0.0085	
12/21/2015 11:40	0.11	0.0085	
12/21/2015 11:39	0.108	0.0086	
12/21/2015 11:38	0.108	0.0091	
12/21/2015 11:37	0.108	0.0103	
12/21/2015 11:36	0.107		
12/21/2015 11:35	0.106	0.0104	
12/21/2015 11:34	0.105	0.0103	
12/21/2015 11:33	0.104	0.0103	
12/21/2015 11:32	0.104	0.0104	
12/21/2015 11:31	0.104		
12/21/2015 11:30	0.104	0.0107	
12/21/2015 11:29	0.104	0.0107	
12/21/2015 11:28	0.103	0.0108	
12/21/2015 11:27	0.103	0.0108	
12/21/2015 11:26	0.102	0.0105	
12/21/2015 11:25	0.102	0.0106	
12/21/2015 11:24	0.102	0.0105	
12/21/2015 11:23	0.102	0.0112	
12/21/2015 11:22	0.099	0.0099	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 11:21	0.099	0.01	
12/21/2015 11:20	0.099	0.0099	
12/21/2015 11:19	0.099	0.0098	
12/21/2015 11:18	0.095	0.0097	
12/21/2015 11:17	0.095	0.0098	
12/21/2015 11:16	0.095	0.0096	
12/21/2015 11:15	0.095	0.0092	
12/21/2015 11:14	0.095	0.0091	
12/21/2015 11:13	0.095	0.0091	
12/21/2015 11:12	0.095	0.0091	
12/21/2015 11:11	0.095	0.0091	
12/21/2015 11:10	0.093	0.0092	
12/21/2015 11:09	0.092	0.0091	
12/21/2015 11:08	0.089	0.0081	
12/21/2015 11:07	0.089	0.0082	
12/21/2015 11:06	0.089	0.0081	
12/21/2015 11:05	0.089	0.008	
12/21/2015 11:04	0.085	0.0081	
12/21/2015 11:03	0.085	0.0082	
12/21/2015 11:02	0.085	0.0092	
12/21/2015 11:01	0.084	0.0093	
12/21/2015 11:00	0.084	0.012	
12/21/2015 10:59	0.083	0.012	
12/21/2015 10:58	0.083	0.012	
12/21/2015 10:57	0.082	0.012	
12/21/2015 10:56	0.079	0.0121	
12/21/2015 10:55	0.078	0.0119	
12/21/2015 10:54	0.078	0.012	
12/21/2015 10:53	0.077	0.0119	
12/21/2015 10:52	0.074	0.0119	
12/21/2015 10:51	0.074	0.0119	
12/21/2015 10:50	0.071	0.0119	
12/21/2015 10:49	0.07	0.0119	
12/21/2015 10:48	0.069	0.0117	
12/21/2015 10:47	0.067	0.0106	
12/21/2015 10:46	0.067	0.0105	
12/21/2015 10:45	0.063	0.0078	
12/21/2015 10:44	0.061	0.0078	
12/21/2015 10:43	0.061	0.0078	
12/21/2015 10:42	0.058	0.0078	
12/21/2015 10:41	0.058	0.0077	
12/21/2015 10:40	0.058	0.0079	
12/21/2015 10:39	0.054	0.0079	
12/21/2015 10:38	0.051	0.0079	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 10:37	0.051	0.0081	
12/21/2015 10:36	0.05	0.008	
12/21/2015 10:35	0.046	0.008	
12/21/2015 10:34	0.044	0.0081	
12/21/2015 10:33	0.042	0.0081	
12/21/2015 10:32	0.039	0.0082	
12/21/2015 10:31	0.039	0.0085	
12/21/2015 10:30	0.036	0.0085	
12/21/2015 10:29	0.036	0.0086	
12/21/2015 10:28	0.036	0.0086	
12/21/2015 10:27	0.029	0.0086	
12/21/2015 10:26	0.027	0.0086	
12/21/2015 10:25	0.025	0.0085	
12/21/2015 10:24	0.023	0.0085	
12/21/2015 10:23	0.023	0.0086	
12/21/2015 10:22	0.021	0.0091	
12/21/2015 10:21	0.02	0.0093	
12/21/2015 10:20	0.016	0.0094	
12/21/2015 10:19	0.013	0.0098	
12/21/2015 10:18	0.013	0.0099	
12/21/2015 10:17	0.012	0.0099	
12/21/2015 10:16	0.009	0.0097	
12/21/2015 10:15	0.007	0.0096	
12/21/2015 10:13	0.004	0.0096	
12/21/2015 10:12	0.001	0.0096	
12/21/2015 10:11	0	0.0099	
12/21/2015 10:10	0	0.0099	
12/21/2015 10:09	0	0.01	
12/21/2015 10:08	0	0.0098	
12/21/2015 10:07	0	0.0093	
12/21/2015 10:06	0	0.0091	
12/21/2015 10:05	0	0.009	
12/21/2015 10:04	0	0.0087	
12/21/2015 10:03	0	0.0089	
12/21/2015 10:02	0	0.0089	
12/21/2015 10:01	0	0.0089	
12/21/2015 10:00	0	0.0089	
12/21/2015 9:59	0	0.009	
12/21/2015 9:58	0	0.009	
12/21/2015 9:57	0	0.0091	
12/21/2015 9:56	0	0.0086	
12/21/2015 9:55	0	0.0087	
12/21/2015 9:54	0	0.0086	
12/21/2015 9:53	0	0.0087	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/21/2015 9:52	0	0.0088	
12/21/2015 9:51	0	0.009	
12/21/2015 9:50	0	0.0093	
12/21/2015 9:49	0	0.0093	
12/21/2015 9:48	0	0.008	
12/21/2015 9:47			
12/21/2015 9:46	0	0.008	
12/17/2015 15:52	0.17	0.0078	
12/17/2015 15:51	0.169	0.0076	
12/17/2015 15:50	0.164	0.0075	
12/17/2015 15:49	0.163	0.0075	
12/17/2015 15:48	0.161	0.0073	
12/17/2015 15:47	0.158	0.0073	
12/17/2015 15:46	0.154	0.0073	
12/17/2015 15:45	0.151	0.0073	
12/17/2015 15:44	0.149	0.0071	
12/17/2015 15:43	0.147	0.0071	
12/17/2015 15:42	0.144	0.0071	
12/17/2015 15:41	0.143	0.0072	
12/17/2015 15:40	0.141	0.0072	
12/17/2015 15:39	0.14	0.0072	
12/17/2015 15:38	0.137	0.0073	
12/17/2015 15:37	0.135	0.0073	
12/17/2015 15:36	0.134	0.0074	
12/17/2015 15:35	0.131	0.0075	
12/17/2015 15:34	0.126	0.0076	
12/17/2015 15:33	0.125	0.0077	
12/17/2015 15:32	0.125	0.0077	
12/17/2015 15:31	0.124	0.0078	
12/17/2015 15:30	0.122	0.0081	
12/17/2015 15:29	0.117	0.0081	
12/17/2015 15:28	0.115	0.0081	
12/17/2015 15:27	0.114	0.0081	
12/17/2015 15:26	0.112	0.0081	
12/17/2015 15:25	0.112	0.0081	
12/17/2015 15:24	0.112	0.0081	
12/17/2015 15:23	0.112	0.0079	
12/17/2015 15:22	0.111	0.0078	
12/17/2015 15:21	0.104	0.0077	
12/17/2015 15:20	0.102	0.0075	
12/17/2015 15:19	0.098	0.0073	
12/17/2015 15:18	0.094	0.0072	
12/17/2015 15:17	0.094	0.0071	
12/17/2015 15:16	0.091	0.007	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/17/2015 15:15	0.088	0.0067	
12/17/2015 15:14	0.087	0.0068	
12/17/2015 15:13	0.086	0.0069	
12/17/2015 15:12	0.084	0.0071	
12/17/2015 15:11	0.082	0.0073	
12/17/2015 15:10	0.082	0.0074	
12/17/2015 15:09	0.078	0.0076	
12/17/2015 15:08	0.078	0.0078	
12/17/2015 15:07	0.075	0.0081	
12/17/2015 15:06	0.074	0.0086	
12/17/2015 15:05	0.069	0.0089	
12/17/2015 15:04	0.068	0.0091	
12/17/2015 15:03	0.064	0.0093	
12/17/2015 15:02	0.06	0.0093	
12/17/2015 15:01	0.06	0.0095	
12/17/2015 15:00	0.059	0.0099	
12/17/2015 14:59	0.059	0.0101	
12/17/2015 14:58	0.056	0.0104	
12/17/2015 14:57	0.056	0.011	
12/17/2015 14:56	0.053	0.0117	
12/17/2015 14:55	0.051	0.0119	
12/17/2015 14:54	0.05	0.0123	
12/17/2015 14:53	0.048	0.0129	
12/17/2015 14:52	0.047	0.0131	
12/17/2015 14:51	0.044	0.0136	
12/17/2015 14:50	0.042	0.0142	
12/17/2015 14:49	0.038	0.0147	
12/17/2015 14:48	0.035	0.0155	
12/17/2015 14:47	0.034	0.0157	
12/17/2015 14:46	0.03	0.0159	
12/17/2015 14:45	0.029	0.0157	
12/17/2015 14:44	0.027	0.0157	
12/17/2015 14:43	0.024	0.0155	
12/17/2015 14:42	0.02	0.0149	
12/17/2015 14:41	0.019	0.0143	
12/17/2015 14:40	0.018	0.0141	
12/17/2015 14:39	0.015	0.0138	
12/17/2015 14:38	0.013	0.0136	
12/17/2015 14:37	0.011	0.0137	
12/17/2015 14:36	0.01	0.0134	
12/17/2015 14:35	0.005	0.0127	
12/17/2015 14:34	0.002	0.0122	
12/17/2015 14:33	0.002	0.0118	
12/17/2015 14:32	0	0.0119	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/17/2015 14:31	0	0.0119	
12/17/2015 14:30	0	0.0121	
12/17/2015 14:29	0	0.0121	
12/17/2015 14:28	0	0.012	
12/17/2015 14:27	0	0.0118	
12/17/2015 14:26	0	0.0119	
12/17/2015 14:25	0	0.0119	
12/17/2015 14:24	0	0.0119	
12/17/2015 14:23	0	0.0117	
12/17/2015 14:22	0	0.0115	
12/17/2015 14:21	0	0.0112	
12/17/2015 14:20	0	0.0111	
12/17/2015 14:19	0	0.0111	
12/17/2015 14:18	0	0.0107	
12/17/2015 14:17	0	0.0104	
12/17/2015 14:16	0	0.0101	
12/17/2015 14:15	0	0.0098	
12/17/2015 14:14	0	0.0099	
12/17/2015 14:13	0	0.0099	
12/17/2015 14:12	0	0.0099	
12/17/2015 14:11	0	0.0098	
12/17/2015 14:10	0	0.0096	
12/17/2015 14:09	0	0.0095	
12/17/2015 14:08	0	0.0094	
12/17/2015 14:07	0	0.0091	
12/17/2015 14:06	0	0.0091	
12/17/2015 14:05	0	0.0091	
12/17/2015 14:04	0	0.0092	
12/17/2015 14:03	0	0.0093	
12/17/2015 14:02	0	0.0094	
12/17/2015 14:01	0	0.0096	
12/17/2015 14:00	0	0.0097	
12/17/2015 13:59	0	0.0091	
12/17/2015 13:58	0	0.0092	
12/17/2015 13:57	0	0.0094	
12/17/2015 13:56	0	0.0095	
12/17/2015 13:55	0	0.0097	
12/17/2015 13:54	0	0.01	
12/17/2015 13:53	0	0.01	
12/17/2015 13:52			
12/16/2015 16:14	0.257	0.0094	
12/16/2015 16:13	0.257	0.0094	
12/16/2015 16:12	0.255	0.0093	
12/16/2015 16:11	0.255	0.0092	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 16:10	0.255	0.0093	
12/16/2015 16:09	0.255	0.0092	
12/16/2015 16:08	0.255	0.0091	
12/16/2015 16:07	0.255	0.0091	
12/16/2015 16:06	0.255	0.009	
12/16/2015 16:05	0.254	0.0089	
12/16/2015 16:04	0.254	0.009	
12/16/2015 16:03	0.254	0.0089	
12/16/2015 16:02	0.254	0.0089	
12/16/2015 16:01	0.254	0.0088	
12/16/2015 16:00	0.254	0.0087	
12/16/2015 15:59	0.254	0.0086	
12/16/2015 15:58	0.254	0.0086	
12/16/2015 15:57	0.254	0.0085	
12/16/2015 15:56	0.254	0.0085	
12/16/2015 15:55	0.254	0.0083	
12/16/2015 15:54	0.254	0.0083	
12/16/2015 15:53	0.253	0.0082	
12/16/2015 15:52	0.252	0.0082	
12/16/2015 15:51	0.252	0.0082	
12/16/2015 15:50	0.252	0.0081	
12/16/2015 15:49	0.252	0.0079	
12/16/2015 15:48	0.252	0.0079	
12/16/2015 15:47	0.252	0.0079	
12/16/2015 15:46	0.252	0.0079	
12/16/2015 15:45	0.252	0.0079	
12/16/2015 15:44	0.252	0.0079	
12/16/2015 15:43	0.252	0.0079	
12/16/2015 15:42	0.252	0.0081	
12/16/2015 15:41	0.252	0.0085	
12/16/2015 15:40	0.252	0.0086	
12/16/2015 15:39	0.252	0.0089	
12/16/2015 15:38	0.252	0.009	
12/16/2015 15:37	0.252	0.009	
12/16/2015 15:36	0.252	0.0089	
12/16/2015 15:35	0.252	0.0089	
12/16/2015 15:34	0.252	0.009	
12/16/2015 15:33	0.252	0.009	
12/16/2015 15:32	0.252	0.0089	
12/16/2015 15:31	0.252	0.0089	
12/16/2015 15:30	0.252	0.0087	
12/16/2015 15:29	0.252	0.0087	
12/16/2015 15:28	0.252	0.0086	
12/16/2015 15:27	0.252	0.0084	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 15:26	0.252	0.0079	
12/16/2015 15:25	0.252	0.0077	
12/16/2015 15:24	0.252	0.0073	
12/16/2015 15:23	0.252	0.0072	
12/16/2015 15:22	0.252	0.0071	
12/16/2015 15:21	0.252	0.0071	
12/16/2015 15:20	0.252	0.0071	
12/16/2015 15:19	0.252	0.007	
12/16/2015 15:18	0.252	0.007	
12/16/2015 15:17	0.252	0.0069	
12/16/2015 15:16	0.252	0.0069	
12/16/2015 15:15	0.252	0.0069	
12/16/2015 15:14	0.252	0.0069	
12/16/2015 15:13	0.252	0.0069	
12/16/2015 15:12	0.249	0.0069	
12/16/2015 15:11	0.249	0.0069	
12/16/2015 15:10	0.249	0.0069	
12/16/2015 15:09	0.249	0.0069	
12/16/2015 15:08	0.249	0.0069	
12/16/2015 15:07	0.249	0.0069	
12/16/2015 15:06	0.249	0.0069	
12/16/2015 15:05	0.249	0.0069	
12/16/2015 15:04	0.249	0.0071	
12/16/2015 15:03	0.247	0.0071	
12/16/2015 15:02	0.246	0.0071	
12/16/2015 15:01	0.246	0.0071	
12/16/2015 15:00	0.246	0.0071	
12/16/2015 14:59	0.246	0.0071	
12/16/2015 14:58	0.246	0.0071	
12/16/2015 14:57	0.246	0.0071	
12/16/2015 14:56	0.245	0.0071	
12/16/2015 14:55	0.245	0.0071	
12/16/2015 14:54	0.243	0.0071	
12/16/2015 14:53	0.243	0.0071	
12/16/2015 14:52	0.243	0.0071	
12/16/2015 14:51	0.243	0.0071	
12/16/2015 14:50	0.243	0.0071	
12/16/2015 14:49	0.243	0.007	
12/16/2015 14:48	0.243	0.007	
12/16/2015 14:47	0.243	0.007	
12/16/2015 14:46	0.243	0.0071	
12/16/2015 14:45	0.24	0.0071	
12/16/2015 14:44	0.239	0.0071	
12/16/2015 14:43	0.239	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 14:42	0.239	0.0071	
12/16/2015 14:41	0.239	0.0071	
12/16/2015 14:40	0.239	0.0071	
12/16/2015 14:39	0.239	0.0072	
12/16/2015 14:38	0.237	0.0073	
12/16/2015 14:37	0.237	0.0073	
12/16/2015 14:36	0.237	0.0073	
12/16/2015 14:35	0.237	0.0074	
12/16/2015 14:34	0.237	0.0075	
12/16/2015 14:33	0.237	0.0075	
12/16/2015 14:32	0.236	0.0075	
12/16/2015 14:31	0.236	0.0074	
12/16/2015 14:30	0.234	0.0074	
12/16/2015 14:29	0.234	0.0074	
12/16/2015 14:28	0.234	0.0074	
12/16/2015 14:27	0.232	0.0074	
12/16/2015 14:26	0.232	0.0074	
12/16/2015 14:25	0.229	0.0073	
12/16/2015 14:24	0.229	0.0073	
12/16/2015 14:23	0.229	0.0072	
12/16/2015 14:22	0.228	0.0071	
12/16/2015 14:21	0.228	0.0071	
12/16/2015 14:20	0.228	0.0071	
12/16/2015 14:19	0.228	0.007	
12/16/2015 14:18	0.228	0.007	
12/16/2015 14:17	0.228	0.0071	
12/16/2015 14:16	0.224	0.0071	
12/16/2015 14:15	0.224	0.0072	
12/16/2015 14:14	0.224	0.0073	
12/16/2015 14:13	0.223	0.0073	
12/16/2015 14:12	0.223	0.0074	
12/16/2015 14:11	0.221	0.0075	
12/16/2015 14:10	0.217	0.0075	
12/16/2015 14:09	0.217	0.0076	
12/16/2015 14:08	0.217	0.0077	
12/16/2015 14:07	0.217	0.0078	
12/16/2015 14:06	0.212	0.0079	
12/16/2015 14:05	0.211	0.008	
12/16/2015 14:04	0.211	0.0081	
12/16/2015 14:03	0.211	0.0081	
12/16/2015 14:02	0.21	0.0082	
12/16/2015 14:01	0.209	0.0083	
12/16/2015 14:00	0.207	0.0083	
12/16/2015 13:59	0.207	0.0084	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 13:58	0.205	0.0085	
12/16/2015 13:57	0.202	0.0085	
12/16/2015 13:56	0.202	0.0087	
12/16/2015 13:55	0.202	0.0087	
12/16/2015 13:54	0.2	0.0089	
12/16/2015 13:53	0.197	0.0089	
12/16/2015 13:52	0.194	0.009	
12/16/2015 13:51	0.192	0.009	
12/16/2015 13:50	0.192	0.0091	
12/16/2015 13:49	0.192	0.0092	
12/16/2015 13:48	0.189	0.0093	
12/16/2015 13:47	0.188	0.0094	
12/16/2015 13:46	0.186	0.0095	
12/16/2015 13:45	0.183	0.0095	
12/16/2015 13:44	0.179	0.0096	
12/16/2015 13:43	0.178	0.0097	
12/16/2015 13:42	0.174	0.0097	
12/16/2015 13:41	0.17	0.0097	
12/16/2015 13:40	0.162	0.0098	
12/16/2015 13:39	0.162	0.0097	
12/16/2015 13:38	0.162	0.0098	
12/16/2015 13:37	0.162	0.0098	
12/16/2015 13:36	0.162	0.0099	
12/16/2015 13:35	0.162	0.0099	
12/16/2015 13:34	0.162	0.0099	
12/16/2015 13:33	0.162	0.0099	
12/16/2015 13:32	0.162	0.0099	
12/16/2015 13:31	0.162	0.0099	
12/16/2015 13:30	0.162	0.0099	
12/16/2015 13:29	0.162	0.0098	
12/16/2015 13:28	0.162	0.0097	
12/16/2015 13:27	0.162	0.0097	
12/16/2015 13:26	0.162	0.0097	
12/16/2015 13:25		0.0097	
12/16/2015 13:24		0.0097	
12/16/2015 13:23		0.0097	
12/16/2015 13:22	0.247	0.0097	
12/16/2015 13:21	0.247	0.0097	
12/16/2015 13:20	0.247	0.0097	
12/16/2015 13:19	0.247	0.0097	
12/16/2015 13:18	0.247	0.0097	
12/16/2015 13:17	0.247	0.0097	
12/16/2015 13:16	0.247	0.0097	
12/16/2015 13:15	0.247	0.0097	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 13:14	0.244	0.0097	
12/16/2015 13:13	0.244	0.0097	
12/16/2015 13:12	0.244	0.0097	
12/16/2015 13:11	0.244	0.0096	
12/16/2015 13:10	0.244	0.0096	
12/16/2015 13:09	0.244	0.0096	
12/16/2015 13:08	0.244	0.0095	
12/16/2015 13:07	0.244	0.0095	
12/16/2015 13:06	0.244	0.0094	
12/16/2015 13:05	0.244	0.0093	
12/16/2015 13:04	0.244	0.0093	
12/16/2015 13:03	0.243	0.0092	
12/16/2015 13:02	0.243	0.0091	
12/16/2015 13:01	0.243	0.0089	
12/16/2015 13:00	0.243	0.0088	
12/16/2015 12:59	0.243	0.0087	
12/16/2015 12:58	0.243	0.0087	
12/16/2015 12:57	0.243	0.0086	
12/16/2015 12:56	0.243	0.0085	
12/16/2015 12:55	0.242	0.0084	
12/16/2015 12:54	0.242	0.0083	
12/16/2015 12:53	0.242	0.0083	
12/16/2015 12:52	0.242	0.0082	
12/16/2015 12:51	0.242	0.0081	
12/16/2015 12:50	0.242	0.0079	
12/16/2015 12:49	0.242	0.0079	
12/16/2015 12:48	0.242	0.0079	
12/16/2015 12:47	0.242	0.0079	
12/16/2015 12:46	0.242	0.0078	
12/16/2015 12:45	0.242	0.0078	
12/16/2015 12:44	0.242	0.0078	
12/16/2015 12:43	0.242	0.0078	
12/16/2015 12:42	0.242	0.0078	
12/16/2015 12:41	0.242	0.0078	
12/16/2015 12:40	0.241	0.0077	
12/16/2015 12:39	0.24	0.0077	
12/16/2015 12:38	0.24	0.0077	
12/16/2015 12:37	0.24	0.0077	
12/16/2015 12:36	0.239	0.0077	
12/16/2015 12:35	0.239	0.0077	
12/16/2015 12:34	0.239	0.0077	
12/16/2015 12:33	0.239	0.0077	
12/16/2015 12:32	0.239	0.0077	
12/16/2015 12:31	0.239	0.0077	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 12:30	0.239	0.0077	
12/16/2015 12:29	0.239	0.0076	
12/16/2015 12:28	0.235	0.0075	
12/16/2015 12:27	0.235	0.0075	
12/16/2015 12:26	0.235	0.0075	
12/16/2015 12:25	0.235	0.0076	
12/16/2015 12:24	0.235	0.0075	
12/16/2015 12:23	0.235	0.0075	
12/16/2015 12:22	0.235	0.0076	
12/16/2015 12:21	0.235	0.0076	
12/16/2015 12:20	0.235	0.0076	
12/16/2015 12:19	0.235	0.0075	
12/16/2015 12:18	0.234	0.0075	
12/16/2015 12:17	0.234	0.0075	
12/16/2015 12:16	0.234	0.0075	
12/16/2015 12:15	0.234	0.0076	
12/16/2015 12:14	0.234	0.0077	
12/16/2015 12:13	0.234	0.0077	
12/16/2015 12:12	0.234	0.0077	
12/16/2015 12:11	0.232	0.0077	
12/16/2015 12:10	0.232	0.0077	
12/16/2015 12:09	0.232	0.0078	
12/16/2015 12:08	0.23	0.0078	
12/16/2015 12:07	0.23	0.0078	
12/16/2015 12:06	0.23	0.0079	
12/16/2015 12:05	0.23	0.0079	
12/16/2015 12:04	0.23	0.0079	
12/16/2015 12:03	0.23	0.0079	
12/16/2015 12:02	0.228	0.008	
12/16/2015 12:01	0.228	0.008	
12/16/2015 12:00	0.228	0.008	
12/16/2015 11:59	0.228	0.008	
12/16/2015 11:58	0.228	0.008	
12/16/2015 11:57	0.228	0.008	
12/16/2015 11:56	0.227	0.0079	
12/16/2015 11:55	0.227	0.0079	
12/16/2015 11:54	0.225	0.0079	
12/16/2015 11:53	0.225	0.0079	
12/16/2015 11:52	0.225	0.0079	
12/16/2015 11:51	0.225	0.0078	
12/16/2015 11:50	0.225	0.0077	
12/16/2015 11:49	0.223	0.0077	
12/16/2015 11:48	0.223	0.0076	
12/16/2015 11:47	0.223	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 11:46	0.223	0.0075	
12/16/2015 11:45	0.223	0.0074	
12/16/2015 11:44	0.223	0.0073	
12/16/2015 11:43	0.222	0.0073	
12/16/2015 11:42	0.22	0.0072	
12/16/2015 11:41	0.22	0.0072	
12/16/2015 11:40	0.22	0.0071	
12/16/2015 11:39	0.22	0.0071	
12/16/2015 11:38	0.22	0.0069	
12/16/2015 11:37	0.219	0.0069	
12/16/2015 11:36	0.218	0.0068	
12/16/2015 11:35	0.218	0.0067	
12/16/2015 11:34	0.218	0.0067	
12/16/2015 11:33	0.218	0.0066	
12/16/2015 11:32	0.216	0.0065	
12/16/2015 11:31	0.214	0.0065	
12/16/2015 11:30	0.213	0.0063	
12/16/2015 11:29	0.213	0.0062	
12/16/2015 11:28	0.211	0.0061	
12/16/2015 11:27	0.211	0.006	
12/16/2015 11:26	0.211	0.0059	
12/16/2015 11:25	0.211	0.0059	
12/16/2015 11:24	0.211	0.0057	
12/16/2015 11:23	0.211	0.0057	
12/16/2015 11:22	0.211	0.0056	
12/16/2015 11:21	0.211	0.0056	
12/16/2015 11:20	0.211	0.0055	
12/16/2015 11:19	0.211	0.0055	
12/16/2015 11:18	0.209	0.0054	
12/16/2015 11:17	0.209	0.0053	
12/16/2015 11:16	0.209	0.0053	
12/16/2015 11:15	0.209	0.0053	
12/16/2015 11:14	0.209	0.0053	
12/16/2015 11:13	0.209	0.0053	
12/16/2015 11:12	0.208	0.0052	
12/16/2015 11:11	0.208	0.0051	
12/16/2015 11:10	0.204	0.005	
12/16/2015 11:09	0.204	0.005	
12/16/2015 11:08	0.204	0.0049	
12/16/2015 11:07	0.204	0.0049	
12/16/2015 11:06	0.203	0.0048	
12/16/2015 11:05	0.203	0.0047	
12/16/2015 11:04	0.203	0.0047	
12/16/2015 11:03	0.203	0.0046	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 11:02	0.203	0.0045	
12/16/2015 11:01	0.203	0.0045	
12/16/2015 11:00	0.202	0.0044	
12/16/2015 10:59	0.2	0.0043	
12/16/2015 10:58	0.198	0.0043	
12/16/2015 10:57	0.198	0.0043	
12/16/2015 10:56	0.194	0.0042	
12/16/2015 10:55	0.194	0.0043	
12/16/2015 10:54	0.194	0.0042	
12/16/2015 10:53	0.193	0.0042	
12/16/2015 10:52	0.193	0.0041	
12/16/2015 10:51	0.193	0.0041	
12/16/2015 10:50	0.191	0.0042	
12/16/2015 10:49	0.19	0.0043	
12/16/2015 10:48	0.19	0.0043	
12/16/2015 10:47	0.188	0.0043	
12/16/2015 10:46	0.187	0.0043	
12/16/2015 10:45	0.185	0.0043	
12/16/2015 10:44	0.181	0.0043	
12/16/2015 10:43	0.181	0.0043	
12/16/2015 10:42	0.181	0.0043	
12/16/2015 10:41	0.181	0.0043	
12/16/2015 10:40	0.18	0.0043	
12/16/2015 10:39	0.18	0.0043	
12/16/2015 10:38	0.179	0.0043	
12/16/2015 10:37	0.179	0.0043	
12/16/2015 10:36	0.179	0.0043	
12/16/2015 10:35	0.177	0.0042	
12/16/2015 10:34	0.176	0.0041	
12/16/2015 10:33	0.175	0.0041	
12/16/2015 10:32	0.172	0.0042	
12/16/2015 10:31	0.172	0.0043	
12/16/2015 10:30	0.172	0.0043	
12/16/2015 10:29	0.172	0.0043	
12/16/2015 10:28	0.172	0.0042	
12/16/2015 10:27	0.17	0.0042	
12/16/2015 10:26	0.169	0.0041	
12/16/2015 10:25	0.169		
12/16/2015 10:24	0.167	0.0042	
12/16/2015 10:23	0.166	0.0042	
12/16/2015 10:22	0.162	0.0042	
12/16/2015 10:21	0.162	0.0042	
12/16/2015 10:20	0.16	0.0043	
12/16/2015 10:19	0.16	0.0043	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 10:18	0.158	0.0044	
12/16/2015 10:17	0.157	0.0044	
12/16/2015 10:16	0.154	0.0043	
12/16/2015 10:15	0.154	0.0043	
12/16/2015 10:14	0.154	0.0043	
12/16/2015 10:13	0.154	0.0044	
12/16/2015 10:12	0.151	0.0044	
12/16/2015 10:11	0.148	0.0045	
12/16/2015 10:10	0.146	0.0045	
12/16/2015 10:09	0.145	0.0047	
12/16/2015 10:08	0.144	0.0049	
12/16/2015 10:07	0.142	0.005	
12/16/2015 10:06	0.14	0.0051	
12/16/2015 10:05	0.139	0.0051	
12/16/2015 10:04	0.139	0.0052	
12/16/2015 10:03	0.139	0.0052	
12/16/2015 10:02	0.135	0.0052	
12/16/2015 10:01	0.132	0.0053	
12/16/2015 10:00	0.128	0.0053	
12/16/2015 9:59	0.127	0.0055	
12/16/2015 9:58	0.126	0.0055	
12/16/2015 9:57	0.124	0.0058	
12/16/2015 9:56	0.119	0.0058	
12/16/2015 9:55	0.118	0.0059	
12/16/2015 9:54	0.118	0.0061	
12/16/2015 9:53	0.118	0.0062	
12/16/2015 9:52	0.116	0.0064	
12/16/2015 9:51	0.116	0.0066	
12/16/2015 9:50	0.116	0.0068	
12/16/2015 9:49	0.115	0.007	
12/16/2015 9:48	0.112	0.0073	
12/16/2015 9:47	0.105	0.0075	
12/16/2015 9:46	0.104	0.0077	
12/16/2015 9:45	0.099	0.0079	
12/16/2015 9:44	0.097	0.008	
12/16/2015 9:43	0.097	0.0081	
12/16/2015 9:42	0.094	0.0081	
12/16/2015 9:41	0.089	0.0083	
12/16/2015 9:40	0.087	0.0083	
12/16/2015 9:39	0.086	0.0082	
12/16/2015 9:38	0.084	0.0082	
12/16/2015 9:37	0.079	0.0081	
12/16/2015 9:36	0.075	0.0081	
12/16/2015 9:35	0.072	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 9:34	0.07	0.008	
12/16/2015 9:33	0.066	0.0079	
12/16/2015 9:32	0.064	0.008	
12/16/2015 9:31	0.062	0.008	
12/16/2015 9:30	0.058	0.008	
12/16/2015 9:29	0.055	0.008	
12/16/2015 9:28	0.05	0.0081	
12/16/2015 9:27	0.048	0.0082	
12/16/2015 9:26	0.048	0.0083	
12/16/2015 9:25	0.045	0.0083	
12/16/2015 9:24	0.042	0.0084	
12/16/2015 9:23	0.039	0.0085	
12/16/2015 9:22	0.036	0.0085	
12/16/2015 9:21	0.033	0.0085	
12/16/2015 9:20	0.031	0.0085	
12/16/2015 9:19	0.028	0.0086	
12/16/2015 9:18	0.027	0.0086	
12/16/2015 9:17	0.023	0.0085	
12/16/2015 9:16	0.021	0.0085	
12/16/2015 9:15	0.018	0.0086	
12/16/2015 9:14	0.015	0.0087	
12/16/2015 9:13	0.013	0.0087	
12/16/2015 9:12	0.009	0.0086	
12/16/2015 9:11	0.007	0.0085	
12/16/2015 9:10	0.007	0.0085	
12/16/2015 9:09	0.004	0.0084	
12/16/2015 9:08	0.002	0.0083	
12/16/2015 9:07	0	0.0083	
12/16/2015 9:06	0	0.0087	
12/16/2015 9:05	0	0.0087	
12/16/2015 9:04	0	0.0087	
12/16/2015 9:03	0	0.0086	
12/16/2015 9:02	0	0.0086	
12/16/2015 9:01	0	0.0086	
12/16/2015 9:00	0	0.0085	
12/16/2015 8:59	0	0.0084	
12/16/2015 8:58	0	0.0084	
12/16/2015 8:57	0	0.0084	
12/16/2015 8:56	0	0.0084	
12/16/2015 8:55	0	0.0084	
12/16/2015 8:54	0	0.0086	
12/16/2015 8:53	0	0.0086	
12/16/2015 8:52	0	0.0085	
12/16/2015 8:51	0	0.0079	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/16/2015 8:49		0.0079	
12/16/2015 8:48	0	0.0079	
12/16/2015 8:47	0	0.0081	
12/16/2015 8:46	0	0.0081	
12/16/2015 8:45	0	0.0082	
12/16/2015 8:44	0	0.0083	
12/16/2015 8:43	0	0.0083	
12/16/2015 8:42	0	0.0083	
12/16/2015 8:41	0	0.0083	
12/16/2015 8:40	0	0.0083	
12/16/2015 8:39	0	0.0082	
12/16/2015 8:38	0	0.0082	
12/16/2015 8:37	0	0.0083	
12/16/2015 8:36	0	0.0084	
12/16/2015 8:35	0	0.0084	
12/16/2015 8:34	0	0.0086	
12/16/2015 8:33	0	0.0087	
12/16/2015 8:32	0	0.0087	
12/16/2015 8:31	0	0.0086	
12/16/2015 8:30	0	0.0085	
12/16/2015 8:29	0	0.0083	
12/16/2015 8:28	0	0.008	
12/16/2015 8:27	0	0.008	
12/15/2015 15:23	0.208	0.0021	
12/15/2015 15:22	0.208	0.0021	
12/15/2015 15:21	0.208	0.0021	
12/15/2015 15:20	0.207	0.002	
12/15/2015 15:19	0.207	0.002	
12/15/2015 15:18	0.207	0.002	
12/15/2015 15:17	0.207	0.002	
12/15/2015 15:16	0.207	0.0021	
12/15/2015 15:15	0.207	0.0021	
12/15/2015 15:14	0.207	0.0021	
12/15/2015 15:13	0.207	0.0021	
12/15/2015 15:12	0.207	0.0021	
12/15/2015 15:11	0.207	0.0021	
12/15/2015 15:10	0.207	0.0021	
12/15/2015 15:09	0.207	0.0021	
12/15/2015 15:08	0.207	0.0021	
12/15/2015 15:07	0.207	0.0021	
12/15/2015 15:06	0.207	0.0021	
12/15/2015 15:05	0.208	0.0021	
12/15/2015 15:04	0.208	0.0021	
12/15/2015 15:03	0.208	0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 15:02	0.208	0.0021	
12/15/2015 15:01	0.208	0.0021	
12/15/2015 15:00	0.208	0.0021	
12/15/2015 14:59	0.209	0.0021	
12/15/2015 14:58	0.209	0.002	
12/15/2015 14:57	0.209	0.002	
12/15/2015 14:56	0.209	0.002	
12/15/2015 14:55	0.209	0.002	
12/15/2015 14:54	0.209	0.002	
12/15/2015 14:53	0.209	0.002	
12/15/2015 14:52	0.209	0.002	
12/15/2015 14:51	0.209	0.002	
12/15/2015 14:50	0.209	0.002	
12/15/2015 14:49	0.209	0.002	
12/15/2015 14:48	0.209	0.002	
12/15/2015 14:47	0.209	0.002	
12/15/2015 14:46	0.211	0.002	
12/15/2015 14:45	0.209	0.002	
12/15/2015 14:44	0.209	0.002	
12/15/2015 14:43	0.209	0.002	
12/15/2015 14:42	0.209	0.002	
12/15/2015 14:41		0.002	
12/15/2015 14:40	0.209	0.002	
12/15/2015 14:39	0.209	0.002	
12/15/2015 14:38	0.209	0.002	
12/15/2015 14:37	0.209	0.0021	
12/15/2015 14:36	0.209	0.0021	
12/15/2015 14:35	0.209	0.0021	
12/15/2015 14:34	0.209	0.0021	
12/15/2015 14:33	0.209	0.0021	
12/15/2015 14:32	0.209	0.0021	
12/15/2015 14:31	0.209	0.0021	
12/15/2015 14:30	0.21	0.0021	
12/15/2015 14:29	0.21	0.0021	
12/15/2015 14:28	0.21	0.0021	
12/15/2015 14:27	0.21	0.0021	
12/15/2015 14:26	0.21	0.0021	
12/15/2015 14:25	0.21	0.0021	
12/15/2015 14:24	0.211	0.0021	
12/15/2015 14:23	0.211	0.0021	
12/15/2015 14:22	0.211	0.002	
12/15/2015 14:21	0.211	0.0021	
12/15/2015 14:20	0.211	0.0021	
12/15/2015 14:19	0.211	0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 14:18	0.212	0.0021	
12/15/2015 14:17	0.212	0.0021	
12/15/2015 14:16	0.212	0.0021	
12/15/2015 14:15	0.212	0.0021	
12/15/2015 14:14	0.212	0.0021	
12/15/2015 14:13	0.212	0.0021	
12/15/2015 14:12	0.212	0.0022	
12/15/2015 14:11	0.212	0.0022	
12/15/2015 14:10	0.213	0.0023	
12/15/2015 14:09	0.213	0.0023	
12/15/2015 14:08	0.213	0.0023	
12/15/2015 14:07	0.213	0.0023	
12/15/2015 14:06	0.213	0.0023	
12/15/2015 14:05	0.212	0.0023	
12/15/2015 14:04	0.212	0.0023	
12/15/2015 14:03	0.212	0.0023	
12/15/2015 14:02	0.212	0.0023	
12/15/2015 14:01	0.212	0.0023	
12/15/2015 14:00	0.212	0.0023	
12/15/2015 13:59	0.212	0.0023	
12/15/2015 13:58	0.211	0.0023	
12/15/2015 13:57	0.211	0.0023	
12/15/2015 13:56	0.211	0.0023	
12/15/2015 13:55	0.211	0.0021	
12/15/2015 13:54	0.211	0.0021	
12/15/2015 13:53	0.211	0.0022	
12/15/2015 13:52	0.211	0.0022	
12/15/2015 13:51	0.211	0.0023	
12/15/2015 13:50	0.211	0.0023	
12/15/2015 13:49	0.211	0.0023	
12/15/2015 13:48	0.211	0.0023	
12/15/2015 13:47	0.211	0.0023	
12/15/2015 13:46	0.211	0.0023	
12/15/2015 13:45	0.211	0.0023	
12/15/2015 13:44	0.211	0.0022	
12/15/2015 13:43	0.211	0.0023	
12/15/2015 13:42	0.211	0.0023	
12/15/2015 13:41	0.211	0.0024	
12/15/2015 13:40	0.211	0.0026	
12/15/2015 13:39	0.211	0.0027	
12/15/2015 13:38	0.211	0.0026	
12/15/2015 13:37	0.211	0.0026	
12/15/2015 13:36	0.211	0.0025	
12/15/2015 13:35	0.211	0.0026	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 13:34	0.211	0.0026	
12/15/2015 13:33	0.211	0.0026	
12/15/2015 13:32	0.211	0.0027	
12/15/2015 13:31	0.211	0.0027	
12/15/2015 13:30	0.211	0.0027	
12/15/2015 13:29	0.211	0.0027	
12/15/2015 13:28	0.209	0.0028	
12/15/2015 13:27	0.209	0.0027	
12/15/2015 13:26	0.209	0.0027	
12/15/2015 13:25	0.209	0.0025	
12/15/2015 13:24	0.209	0.0026	
12/15/2015 13:23	0.209	0.0026	
12/15/2015 13:22	0.209	0.0026	
12/15/2015 13:21	0.209	0.0027	
12/15/2015 13:20	0.209	0.0029	
12/15/2015 13:19	0.209	0.0029	
12/15/2015 13:18	0.209	0.0032	
12/15/2015 13:17	0.209	0.0031	
12/15/2015 13:16	0.209	0.0031	
12/15/2015 13:15	0.208	0.0031	
12/15/2015 13:14	0.208	0.0031	
12/15/2015 13:13	0.208	0.0029	
12/15/2015 13:12	0.208	0.003	
12/15/2015 13:11	0.208	0.0029	
12/15/2015 13:10	0.208	0.0029	
12/15/2015 13:09	0.208	0.0028	
12/15/2015 13:08	0.208	0.0028	
12/15/2015 13:07	0.208	0.0028	
12/15/2015 13:06	0.208	0.0027	
12/15/2015 13:05	0.208	0.0025	
12/15/2015 13:04	0.208	0.0025	
12/15/2015 13:03	0.208	0.0021	
12/15/2015 13:02	0.208	0.0021	
12/15/2015 13:01	0.208	0.0021	
12/15/2015 13:00	0.211	0.0021	
12/15/2015 12:59	0.211	0.0021	
12/15/2015 12:58	0.211	0.0021	
12/15/2015 12:57	0.211	0.0021	
12/15/2015 12:56	0.211	0.0021	
12/15/2015 12:55	0.211	0.0021	
12/15/2015 12:54	0.211	0.0021	
12/15/2015 12:53	0.211	0.0021	
12/15/2015 12:52	0.211	0.0021	
12/15/2015 12:51	0.211	0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 12:50	0.211	0.0021	
12/15/2015 12:49	0.211	0.0021	
12/15/2015 12:48	0.211	0.0021	
12/15/2015 12:47	0.209	0.0021	
12/15/2015 12:46	0.209	0.0021	
12/15/2015 12:45	0.209	0.0021	
12/15/2015 12:44	0.209	0.0021	
12/15/2015 12:43	0.209	0.0021	
12/15/2015 12:42	0.209	0.0022	
12/15/2015 12:41	0.209	0.0023	
12/15/2015 12:40	0.209	0.0023	
12/15/2015 12:39	0.209	0.0024	
12/15/2015 12:38	0.209	0.0026	
12/15/2015 12:37	0.209	0.0026	
12/15/2015 12:36	0.209	0.0026	
12/15/2015 12:35	0.209	0.0027	
12/15/2015 12:34	0.209	0.0026	
12/15/2015 12:33	0.209	0.0027	
12/15/2015 12:32	0.216	0.0027	
12/15/2015 12:31	0.233	0.0027	
12/15/2015 12:30	0.233	0.0028	
12/15/2015 12:29	0.233	0.0029	
12/15/2015 12:28	0.233	0.0029	
12/15/2015 12:27	0.24	0.0029	
12/15/2015 12:26	0.24	0.0029	
12/15/2015 12:25	0.24	0.003	
12/15/2015 12:24	0.24	0.0029	
12/15/2015 12:23	0.24	0.0028	
12/15/2015 12:22	0.24	0.0028	
12/15/2015 12:21	0.244	0.0028	
12/15/2015 12:20	0.244	0.0028	
12/15/2015 12:19	0.244	0.0029	
12/15/2015 12:18	0.244	0.0029	
12/15/2015 12:17	0.244	0.0029	
12/15/2015 12:16	0.247	0.0029	
12/15/2015 12:15	0.247	0.0029	
12/15/2015 12:14	0.247	0.0029	
12/15/2015 12:13	0.247	0.0029	
12/15/2015 12:12	0.246	0.0029	
12/15/2015 12:11	0.246	0.0029	
12/15/2015 12:10	0.246	0.0029	
12/15/2015 12:09	0.246	0.0029	
12/15/2015 12:08	0.246	0.0029	
12/15/2015 12:07	0.246	0.0029	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 12:06	0.246	0.003	
12/15/2015 12:05	0.246	0.003	
12/15/2015 12:04	0.246	0.003	
12/15/2015 12:03	0.246	0.003	
12/15/2015 12:02	0.246	0.003	
12/15/2015 12:01	0.244	0.003	
12/15/2015 12:00	0.244	0.0029	
12/15/2015 11:59	0.244	0.0029	
12/15/2015 11:58	0.241	0.0029	
12/15/2015 11:57	0.241	0.0029	
12/15/2015 11:56	0.241	0.0029	
12/15/2015 11:55	0.241	0.0029	
12/15/2015 11:54	0.241	0.0029	
12/15/2015 11:53	0.239	0.0028	
12/15/2015 11:52	0.239	0.0028	
12/15/2015 11:51	0.238	0.0027	
12/15/2015 11:50	0.237	0.0027	
12/15/2015 11:49	0.237	0.0027	
12/15/2015 11:48	0.237	0.0027	
12/15/2015 11:47	0.237	0.0027	
12/15/2015 11:46	0.237	0.0026	
12/15/2015 11:45	0.237	0.0027	
12/15/2015 11:44	0.237	0.0027	
12/15/2015 11:43	0.237	0.0027	
12/15/2015 11:42	0.237	0.0027	
12/15/2015 11:41	0.236	0.0027	
12/15/2015 11:40	0.235	0.0028	
12/15/2015 11:39	0.235	0.0028	
12/15/2015 11:38	0.235	0.0029	
12/15/2015 11:37	0.235	0.0029	
12/15/2015 11:36	0.233	0.0029	
12/15/2015 11:35	0.202	0.0029	
12/15/2015 11:34	0.201	0.0029	
12/15/2015 11:33	0.201	0.0029	
12/15/2015 11:32	0.201	0.0028	
12/15/2015 11:31	0.201	0.0029	
12/15/2015 11:30	0.201	0.0029	
12/15/2015 11:29	0.201	0.0028	
12/15/2015 11:28	0.2	0.0028	
12/15/2015 11:27	0.199	0.0029	
12/15/2015 11:26	0.199	0.0028	
12/15/2015 11:25	0.199	0.0026	
12/15/2015 11:24	0.199	0.0025	
12/15/2015 11:23	0.199	0.0025	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 11:22	0.199	0.0025	
12/15/2015 11:21	0.199	0.0025	
12/15/2015 11:20	0.199	0.0024	
12/15/2015 11:19	0.199	0.0023	
12/15/2015 11:18	0.199	0.0023	
12/15/2015 11:17	0.199	0.0024	
12/15/2015 11:16	0.199	0.0024	
12/15/2015 11:15	0.199	0.0023	
12/15/2015 11:14	0.199	0.0024	
12/15/2015 11:13	0.199	0.0023	
12/15/2015 11:12	0.202	0.0023	
12/15/2015 11:11	0.203	0.0023	
12/15/2015 11:10	0.205	0.0023	
12/15/2015 11:09	0.206	0.0024	
12/15/2015 11:08	0.206	0.0024	
12/15/2015 11:07	0.21	0.0025	
12/15/2015 11:06	0.212	0.0026	
12/15/2015 11:05	0.212	0.0027	
12/15/2015 11:04	0.216	0.0027	
12/15/2015 11:03	0.216	0.0027	
12/15/2015 11:02	0.216	0.0027	
12/15/2015 11:01	0.216	0.0026	
12/15/2015 11:00	0.216	0.0026	
12/15/2015 10:59	0.216	0.0025	
12/15/2015 10:58	0.216	0.0025	
12/15/2015 10:57	0.216	0.0025	
12/15/2015 10:56	0.215	0.0025	
12/15/2015 10:55	0.215	0.0025	
12/15/2015 10:54	0.215	0.0024	
12/15/2015 10:53	0.215	0.0023	
12/15/2015 10:52	0.215	0.0023	
12/15/2015 10:51	0.215	0.0022	
12/15/2015 10:50	0.214	0.0021	
12/15/2015 10:49	0.213	0.0021	
12/15/2015 10:48	0.213	0.0021	
12/15/2015 10:47	0.212	0.0021	
12/15/2015 10:46	0.212	0.0021	
12/15/2015 10:45	0.212	0.0021	
12/15/2015 10:44	0.211	0.0021	
12/15/2015 10:43	0.209	0.0021	
12/15/2015 10:42	0.209	0.0021	
12/15/2015 10:41	0.208	0.0021	
12/15/2015 10:40	0.208	0.0021	
12/15/2015 10:39	0.208	0.0021	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 10:38	0.208	0.0022	
12/15/2015 10:37	0.207	0.0021	
12/15/2015 10:36	0.204	0.0021	
12/15/2015 10:35	0.204	0.0022	
12/15/2015 10:34	0.204	0.0022	
12/15/2015 10:33	0.204	0.0022	
12/15/2015 10:32	0.204	0.0023	
12/15/2015 10:31	0.204	0.0023	
12/15/2015 10:30	0.204	0.0022	
12/15/2015 10:29	0.204	0.0023	
12/15/2015 10:28	0.204	0.0023	
12/15/2015 10:27	0.202	0.0023	
12/15/2015 10:26	0.202	0.0024	
12/15/2015 10:25	0.202	0.0025	
12/15/2015 10:24	0.202	0.0025	
12/15/2015 10:23	0.201	0.0024	
12/15/2015 10:22	0.2	0.0024	
12/15/2015 10:21	0.198	0.0024	
12/15/2015 10:20	0.194	0.0023	
12/15/2015 10:19	0.194	0.0024	
12/15/2015 10:18	0.194	0.0024	
12/15/2015 10:17	0.193	0.0023	
12/15/2015 10:16	0.193	0.0023	
12/15/2015 10:15	0.193	0.0023	
12/15/2015 10:14	0.193	0.0023	
12/15/2015 10:13	0.191	0.0023	
12/15/2015 10:12	0.19	0.0022	
12/15/2015 10:11	0.189	0.0021	
12/15/2015 10:10	0.189	0.0021	
12/15/2015 10:09	0.189	0.0021	
12/15/2015 10:08	0.187	0.0021	
12/15/2015 10:07	0.187	0.0022	
12/15/2015 10:06	0.185	0.0022	
12/15/2015 10:05	0.185	0.0022	
12/15/2015 10:04	0.183	0.0022	
12/15/2015 10:03	0.183	0.0027	
12/15/2015 10:02	0.181	0.0027	
12/15/2015 10:01	0.18	0.0028	
12/15/2015 10:00	0.18	0.0029	
12/15/2015 9:59	0.178	0.0029	
12/15/2015 9:58	0.178	0.003	
12/15/2015 9:57	0.177	0.0031	
12/15/2015 9:56	0.174	0.0031	
12/15/2015 9:55	0.173	0.0032	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 9:54	0.173	0.0033	
12/15/2015 9:53	0.173	0.0034	
12/15/2015 9:52	0.173	0.0034	
12/15/2015 9:51	0.172	0.0035	
12/15/2015 9:50	0.169	0.0035	
12/15/2015 9:49	0.169	0.0035	
12/15/2015 9:48	0.167	0.0031	
12/15/2015 9:47	0.166	0.0032	
12/15/2015 9:46	0.164	0.0032	
12/15/2015 9:45	0.164	0.0032	
12/15/2015 9:44	0.164	0.0032	
12/15/2015 9:43	0.163	0.0032	
12/15/2015 9:42	0.163	0.0032	
12/15/2015 9:41	0.163	0.0032	
12/15/2015 9:40	0.162	0.0032	
12/15/2015 9:39	0.16	0.0031	
12/15/2015 9:38	0.156	0.0031	
12/15/2015 9:37	0.155	0.0031	
12/15/2015 9:36	0.154	0.0031	
12/15/2015 9:35	0.152	0.0031	
12/15/2015 9:34	0.152	0.003	
12/15/2015 9:33	0.15	0.003	
12/15/2015 9:32	0.148	0.0029	
12/15/2015 9:31	0.144	0.0029	
12/15/2015 9:30	0.144	0.0029	
12/15/2015 9:29	0.144	0.0029	
12/15/2015 9:28	0.143	0.0029	
12/15/2015 9:27	0.14	0.0029	
12/15/2015 9:26	0.136	0.0029	
12/15/2015 9:25	0.136	0.0029	
12/15/2015 9:24	0.136	0.0029	
12/15/2015 9:23	0.132	0.0029	
12/15/2015 9:22	0.131	0.0029	
12/15/2015 9:21	0.131	0.0029	
12/15/2015 9:20	0.129	0.0029	
12/15/2015 9:19	0.128	0.003	
12/15/2015 9:18	0.124	0.003	
12/15/2015 9:17	0.121	0.003	
12/15/2015 9:16	0.121	0.003	
12/15/2015 9:15	0.117	0.003	
12/15/2015 9:14	0.114	0.0029	
12/15/2015 9:13	0.112	0.0029	
12/15/2015 9:12	0.112	0.0029	
12/15/2015 9:11	0.109	0.0029	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/15/2015 9:10	0.108	0.0029	
12/15/2015 9:09	0.108	0.0029	
12/15/2015 9:08	0.102	0.0029	
12/15/2015 9:07	0.1	0.0029	
12/15/2015 9:06	0.098	0.0029	
12/15/2015 9:05	0.096	0.0029	
12/15/2015 9:04	0.096	0.0029	
12/15/2015 9:03	0.095	0.0029	
12/15/2015 9:02	0.088	0.0029	
12/15/2015 9:01	0.088	0.0029	
12/15/2015 9:00	0.086	0.0029	
12/15/2015 8:59	0.083	0.003	
12/15/2015 8:58	0.081	0.0029	
12/15/2015 8:57	0.077	0.0029	
12/15/2015 8:56	0.075	0.0029	
12/15/2015 8:55	0.075	0.0029	
12/15/2015 8:54	0.073	0.0029	
12/15/2015 8:53	0.073	0.0029	
12/15/2015 8:52	0.071	0.0029	
12/15/2015 8:51	0.068	0.0029	
12/15/2015 8:50	0.067	0.0028	
12/15/2015 8:49	0.064	0.0027	
12/15/2015 8:48	0.061	0.0027	
12/15/2015 8:47	0.061	0.0027	
12/15/2015 8:46	0.059	0.0026	
12/15/2015 8:45	0.059	0.0026	
12/15/2015 8:44	0.059	0.0026	
12/15/2015 8:43	0.059	0.0026	
12/15/2015 8:42	0.059	0.0026	
12/15/2015 8:41	0.059	0.0026	
12/15/2015 8:40	0.059	0.0025	
12/15/2015 8:39	0.059	0.0025	
12/15/2015 8:38	0.059	0.0026	
12/15/2015 8:37	0.059	0.0025	
12/15/2015 8:36	0.059	0.0024	
12/15/2015 8:35	0.059	0.0025	
12/15/2015 8:34	0.059	0.0026	
12/15/2015 8:33	0.059	0.0028	
12/15/2015 8:32	0.059	0.0027	
12/15/2015 8:31	0.06	0.003	
12/15/2015 8:30	0.06	0.003	
12/14/2015 16:15	0.187	0.0267	
12/14/2015 16:14	0.187	0.0265	
12/14/2015 16:13	0.187	0.0264	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 16:12	0.183	0.0263	
12/14/2015 16:11	0.177	0.0261	
12/14/2015 16:10	0.177	0.026	
12/14/2015 16:09	0.177	0.0258	
12/14/2015 16:08	0.174	0.0257	
12/14/2015 16:07	0.174	0.0254	
12/14/2015 16:06	0.172	0.0253	
12/14/2015 16:05	0.172	0.0254	
12/14/2015 16:04	0.172	0.0253	
12/14/2015 16:03	0.169	0.0252	
12/14/2015 16:02	0.167	0.0252	
12/14/2015 16:01	0.167	0.0251	
12/14/2015 16:00	0.165	0.025	
12/14/2015 15:59	0.165	0.0249	
12/14/2015 15:58	0.165	0.0248	
12/14/2015 15:57	0.165	0.0248	
12/14/2015 15:56	0.165	0.0247	
12/14/2015 15:55	0.163	0.0247	
12/14/2015 15:54	0.16	0.0247	
12/14/2015 15:53	0.16	0.0246	
12/14/2015 15:52	0.16	0.0246	
12/14/2015 15:51	0.16	0.0245	
12/14/2015 15:50	0.158	0.0243	
12/14/2015 15:49	0.158	0.0241	
12/14/2015 15:48	0.158	0.0241	
12/14/2015 15:47	0.158	0.0241	
12/14/2015 15:46	0.158	0.024	
12/14/2015 15:45	0.158	0.024	
12/14/2015 15:44	0.158	0.024	
12/14/2015 15:43	0.158	0.0239	
12/14/2015 15:42	0.158	0.0238	
12/14/2015 15:41	0.158	0.0237	
12/14/2015 15:40	0.158	0.0237	
12/14/2015 15:39	0.158	0.0235	
12/14/2015 15:38	0.158	0.0234	
12/14/2015 15:37	0.158	0.0233	
12/14/2015 15:36	0.158	0.0231	
12/14/2015 15:35	0.158	0.023	
12/14/2015 15:34	0.157	0.0229	
12/14/2015 15:33	0.157	0.0229	
12/14/2015 15:32	0.156	0.0227	
12/14/2015 15:31	0.156	0.0227	
12/14/2015 15:30	0.156	0.0227	
12/14/2015 15:29	0.156	0.0225	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 15:28	0.156	0.0225	
12/14/2015 15:27	0.156	0.0224	
12/14/2015 15:26	0.156	0.0223	
12/14/2015 15:25	0.156	0.0223	
12/14/2015 15:24	0.156	0.0222	
12/14/2015 15:23	0.156	0.0222	
12/14/2015 15:22	0.156	0.0223	
12/14/2015 15:21	0.156	0.0223	
12/14/2015 15:20	0.156	0.0223	
12/14/2015 15:19	0.156	0.0224	
12/14/2015 15:18	0.156	0.0225	
12/14/2015 15:17	0.156	0.0226	
12/14/2015 15:16	0.156	0.0225	
12/14/2015 15:15	0.156	0.0223	
12/14/2015 15:14	0.156	0.0223	
12/14/2015 15:13	0.156	0.0222	
12/14/2015 15:12	0.154	0.0221	
12/14/2015 15:11	0.154	0.0221	
12/14/2015 15:10	0.154	0.0219	
12/14/2015 15:09	0.154	0.0218	
12/14/2015 15:08	0.154	0.0217	
12/14/2015 15:07	0.154	0.0215	
12/14/2015 15:06	0.154	0.0213	
12/14/2015 15:05	0.154	0.0211	
12/14/2015 15:04	0.154	0.0209	
12/14/2015 15:03	0.154	0.0205	
12/14/2015 15:02	0.154	0.0203	
12/14/2015 15:01	0.153	0.0201	
12/14/2015 15:00	0.152	0.0201	
12/14/2015 14:59	0.152	0.0199	
12/14/2015 14:58	0.152	0.0197	
12/14/2015 14:57	0.152	0.0195	
12/14/2015 14:56	0.152	0.0194	
12/14/2015 14:55	0.152	0.0194	
12/14/2015 14:54	0.152	0.0194	
12/14/2015 14:53	0.152	0.0195	
12/14/2015 14:52	0.152	0.0196	
12/14/2015 14:51	0.152	0.0197	
12/14/2015 14:50	0.152	0.0199	
12/14/2015 14:49	0.152	0.0199	
12/14/2015 14:48	0.152	0.0199	
12/14/2015 14:47	0.152	0.0201	
12/14/2015 14:46	0.152	0.0205	
12/14/2015 14:45	0.155	0.0207	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 14:44	0.155	0.0209	
12/14/2015 14:43	0.155	0.0211	
12/14/2015 14:42	0.155	0.0211	
12/14/2015 14:41	0.158	0.0213	
12/14/2015 14:40	0.158	0.0217	
12/14/2015 14:39	0.16	0.0218	
12/14/2015 14:38	0.16	0.0217	
12/14/2015 14:37	0.159	0.0217	
12/14/2015 14:36	0.159	0.0217	
12/14/2015 14:35	0.159	0.0217	
12/14/2015 14:34	0.159	0.0219	
12/14/2015 14:33	0.159	0.0221	
12/14/2015 14:32	0.159	0.022	
12/14/2015 14:31	0.159	0.0217	
12/14/2015 14:30	0.159	0.0217	
12/14/2015 14:29	0.159	0.0216	
12/14/2015 14:28	0.159	0.0217	
12/14/2015 14:27	0.159	0.0217	
12/14/2015 14:26	0.159	0.0217	
12/14/2015 14:25	0.159	0.0214	
12/14/2015 14:24	0.159	0.0213	
12/14/2015 14:23	0.159	0.0212	
12/14/2015 14:22	0.159	0.0212	
12/14/2015 14:21	0.159	0.0213	
12/14/2015 14:20	0.159	0.0211	
12/14/2015 14:19	0.159	0.0209	
12/14/2015 14:18	0.161	0.0209	
12/14/2015 14:17	0.162	0.0209	
12/14/2015 14:16	0.163	0.0209	
12/14/2015 14:15	0.164	0.0209	
12/14/2015 14:14	0.164	0.0209	
12/14/2015 14:13	0.165	0.0208	
12/14/2015 14:12	0.165	0.0207	
12/14/2015 14:11	0.167	0.0207	
12/14/2015 14:10	0.169	0.0207	
12/14/2015 14:09	0.169	0.0208	
12/14/2015 14:08	0.169	0.0208	
12/14/2015 14:07	0.17	0.0207	
12/14/2015 14:06	0.172	0.0206	
12/14/2015 14:05	0.172	0.0207	
12/14/2015 14:04	0.172	0.0207	
12/14/2015 14:03	0.172	0.0206	
12/14/2015 14:02	0.172	0.0206	
12/14/2015 14:01	0.172	0.0206	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 14:00	0.174	0.0205	
12/14/2015 13:59	0.178	0.0205	
12/14/2015 13:58	0.178	0.0207	
12/14/2015 13:57	0.18	0.0208	
12/14/2015 13:56	0.18	0.0209	
12/14/2015 13:55	0.18	0.0209	
12/14/2015 13:54	0.18	0.0209	
12/14/2015 13:53	0.18	0.021	
12/14/2015 13:52	0.18	0.0211	
12/14/2015 13:51	0.18	0.0211	
12/14/2015 13:50	0.182	0.0211	
12/14/2015 13:49	0.183	0.021	
12/14/2015 13:48	0.183	0.021	
12/14/2015 13:47	0.184	0.021	
12/14/2015 13:46	0.185	0.021	
12/14/2015 13:45	0.186	0.021	
12/14/2015 13:44	0.186	0.021	
12/14/2015 13:43	0.186	0.0209	
12/14/2015 13:42	0.186	0.0209	
12/14/2015 13:41	0.19	0.0208	
12/14/2015 13:40	0.19	0.0207	
12/14/2015 13:39	0.19	0.0207	
12/14/2015 13:38	0.19	0.0208	
12/14/2015 13:37	0.193	0.0208	
12/14/2015 13:36	0.193	0.0209	
12/14/2015 13:35	0.19	0.0209	
12/14/2015 13:34	0.19	0.021	
12/14/2015 13:33	0.19	0.021	
12/14/2015 13:32	0.19	0.0211	
12/14/2015 13:31	0.19	0.0212	
12/14/2015 13:30	0.19	0.0213	
12/14/2015 13:29	0.19	0.0214	
12/14/2015 13:28	0.19	0.0215	
12/14/2015 13:27	0.19	0.0217	
12/14/2015 13:26	0.19	0.0218	
12/14/2015 13:25	0.19	0.0219	
12/14/2015 13:24	0.19	0.0221	
12/14/2015 13:23	0.19	0.0221	
12/14/2015 13:22	0.19	0.0223	
12/14/2015 13:21	0.19	0.0224	
12/14/2015 13:20	0.191	0.0225	
12/14/2015 13:19	0.191	0.0226	
12/14/2015 13:18	0.191	0.0227	
12/14/2015 13:17	0.191	0.0227	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 13:16	0.193	0.0228	
12/14/2015 13:15	0.193	0.0229	
12/14/2015 13:14	0.198	0.023	
12/14/2015 13:13	0.198	0.0231	
12/14/2015 13:12	0.199	0.0231	
12/14/2015 13:11	0.199	0.023	
12/14/2015 13:10	0.199	0.0231	
12/14/2015 13:09	0.199	0.0231	
12/14/2015 13:08	0.203	0.0232	
12/14/2015 13:07	0.204	0.0237	
12/14/2015 13:06	0.205	0.0238	
12/14/2015 13:05	0.205	0.0239	
12/14/2015 13:04	0.207	0.0239	
12/14/2015 13:03	0.21	0.024	
12/14/2015 13:02	0.213	0.0241	
12/14/2015 13:01	0.216	0.0241	
12/14/2015 13:00	0.216	0.0242	
12/14/2015 12:59	0.216	0.0242	
12/14/2015 12:58	0.216	0.0242	
12/14/2015 12:57	0.216	0.0243	
12/14/2015 12:56	0.213	0.0245	
12/14/2015 12:55	0.213	0.0245	
12/14/2015 12:54	0.213	0.0247	
12/14/2015 12:53	0.213	0.0247	
12/14/2015 12:52	0.213	0.0243	
12/14/2015 12:51	0.213	0.0243	
12/14/2015 12:50	0.213	0.0245	
12/14/2015 12:49	0.213	0.0245	
12/14/2015 12:48	0.213	0.0246	
12/14/2015 12:47	0.213	0.0247	
12/14/2015 12:46	0.213	0.0248	
12/14/2015 12:45	0.213	0.0249	
12/14/2015 12:44	0.213	0.0249	
12/14/2015 12:43	0.213	0.025	
12/14/2015 12:42	0.213	0.0251	
12/14/2015 12:41	0.213	0.0252	
12/14/2015 12:40	0.213	0.0253	
12/14/2015 12:39	0.213	0.0254	
12/14/2015 12:38	0.213	0.0254	
12/14/2015 12:37	0.213	0.0256	
12/14/2015 12:36	0.214	0.0256	
12/14/2015 12:34		0.0258	
12/14/2015 12:33	0.214	0.0259	
12/14/2015 12:32	0.214	0.026	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 12:31	0.214	0.0261	
12/14/2015 12:30	0.214	0.0261	
12/14/2015 12:29	0.214	0.0262	
12/14/2015 12:28	0.217	0.0263	
12/14/2015 12:27	0.217	0.0263	
12/14/2015 12:26	0.217	0.0264	
12/14/2015 12:25	0.217	0.0265	
12/14/2015 12:24	0.217	0.0265	
12/14/2015 12:23	0.217	0.0266	
12/14/2015 12:22	0.217	0.0266	
12/14/2015 12:21	0.218	0.0267	
12/14/2015 12:20	0.221	0.0267	
12/14/2015 12:19	0.221	0.0266	
12/14/2015 12:18	0.222	0.0267	
12/14/2015 12:17	0.222	0.0268	
12/14/2015 12:16	0.222	0.0269	
12/14/2015 12:15	0.222	0.027	
12/14/2015 12:14	0.222	0.0271	
12/14/2015 12:13	0.224	0.0272	
12/14/2015 12:12	0.224	0.0273	
12/14/2015 12:11	0.224	0.0274	
12/14/2015 12:10	0.233	0.0274	
12/14/2015 12:09	0.233	0.0275	
12/14/2015 12:08	0.233	0.0275	
12/14/2015 12:07	0.233	0.0276	
12/14/2015 12:06	0.235	0.0277	
12/14/2015 12:05	0.235	0.0278	
12/14/2015 12:04	0.237	0.0279	
12/14/2015 12:03	0.237	0.0279	
12/14/2015 12:02	0.237	0.0281	
12/14/2015 12:01	0.237	0.0282	
12/14/2015 12:00	0.238	0.0283	
12/14/2015 11:59	0.239	0.0284	
12/14/2015 11:58	0.24	0.0285	
12/14/2015 11:57	0.24	0.0287	
12/14/2015 11:56	0.24	0.0288	
12/14/2015 11:55	0.243	0.029	
12/14/2015 11:54	0.244	0.0291	
12/14/2015 11:53	0.248	0.0293	
12/14/2015 11:52	0.249	0.0295	
12/14/2015 11:51	0.251	0.0297	
12/14/2015 11:50	0.252	0.0299	
12/14/2015 11:49	0.252	0.0302	
12/14/2015 11:48	0.254	0.0305	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 11:47	0.255	0.0305	
12/14/2015 11:46	0.256	0.0306	
12/14/2015 11:45	0.256	0.0308	
12/14/2015 11:44	0.256	0.0309	
12/14/2015 11:43	0.257	0.031	
12/14/2015 11:42	0.261	0.0311	
12/14/2015 11:41	0.263	0.0311	
12/14/2015 11:40	0.266	0.0311	
12/14/2015 11:39	0.266	0.0312	
12/14/2015 11:38	0.267	0.0312	
12/14/2015 11:37	0.263	0.0312	
12/14/2015 11:36	0.263	0.0313	
12/14/2015 11:35	0.263	0.0314	
12/14/2015 11:34	0.263	0.0313	
12/14/2015 11:33	0.263	0.0313	
12/14/2015 11:32	0.263	0.0314	
12/14/2015 11:31	0.263	0.0315	
12/14/2015 11:30	0.263	0.0315	
12/14/2015 11:29	0.263	0.0317	
12/14/2015 11:28	0.263	0.0318	
12/14/2015 11:27	0.263	0.0319	
12/14/2015 11:26	0.263	0.0319	
12/14/2015 11:25	0.263	0.0321	
12/14/2015 11:24	0.263	0.0322	
12/14/2015 11:23	0.263	0.0323	
12/14/2015 11:22	0.263	0.0325	
12/14/2015 11:21	0.263	0.0325	
12/14/2015 11:20	0.263	0.0325	
12/14/2015 11:19	0.263	0.0325	
12/14/2015 11:18	0.263	0.0327	
12/14/2015 11:17	0.263	0.0327	
12/14/2015 11:16	0.263	0.0327	
12/14/2015 11:15	0.263	0.0327	
12/14/2015 11:14	0.263	0.0327	
12/14/2015 11:13	0.263	0.0327	
12/14/2015 11:12	0.263	0.0328	
12/14/2015 11:11	0.266	0.0329	
12/14/2015 11:10	0.267	0.033	
12/14/2015 11:09	0.267	0.0336	
12/14/2015 11:08	0.269	0.0337	
12/14/2015 11:07	0.269	0.0338	
12/14/2015 11:06	0.269	0.034	
12/14/2015 11:05	0.269	0.0341	
12/14/2015 11:04	0.273	0.0342	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 11:03	0.273	0.0344	
12/14/2015 11:02	0.273	0.0345	
12/14/2015 11:01	0.276	0.0347	
12/14/2015 11:00	0.276	0.0348	
12/14/2015 10:59	0.279	0.035	
12/14/2015 10:58	0.279	0.0351	
12/14/2015 10:57	0.279	0.0354	
12/14/2015 10:56	0.279	0.0356	
12/14/2015 10:55	0.281	0.0357	
12/14/2015 10:54	0.281	0.0354	
12/14/2015 10:53	0.281	0.0355	
12/14/2015 10:52	0.279	0.0357	
12/14/2015 10:51	0.279	0.0357	
12/14/2015 10:50	0.279	0.0359	
12/14/2015 10:49	0.279	0.036	
12/14/2015 10:48	0.278	0.0361	
12/14/2015 10:47	0.278	0.0363	
12/14/2015 10:46	0.278	0.0365	
12/14/2015 10:45	0.278	0.0366	
12/14/2015 10:44	0.278	0.0367	
12/14/2015 10:43	0.278	0.0368	
12/14/2015 10:42	0.278	0.0369	
12/14/2015 10:41	0.278	0.0369	
12/14/2015 10:40	0.278	0.0371	
12/14/2015 10:39	0.278	0.0371	
12/14/2015 10:38	0.278	0.0372	
12/14/2015 10:37	0.278	0.0372	
12/14/2015 10:36	0.278	0.0373	
12/14/2015 10:35	0.278	0.0374	
12/14/2015 10:34	0.278	0.0375	
12/14/2015 10:33	0.278	0.0375	
12/14/2015 10:32	0.276	0.0375	
12/14/2015 10:31	0.276	0.0376	
12/14/2015 10:30	0.276	0.0377	
12/14/2015 10:29	0.276	0.0377	
12/14/2015 10:28	0.276	0.0379	
12/14/2015 10:27	0.276	0.0379	
12/14/2015 10:26	0.276	0.0379	
12/14/2015 10:25	0.276	0.0379	
12/14/2015 10:24	0.276	0.0379	
12/14/2015 10:23	0.276	0.0381	
12/14/2015 10:22	0.276	0.0381	
12/14/2015 10:21	0.276	0.0383	
12/14/2015 10:20	0.275	0.0383	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 10:19	0.275	0.0384	
12/14/2015 10:18	0.275	0.0385	
12/14/2015 10:17	0.275	0.0385	
12/14/2015 10:16	0.275	0.0385	
12/14/2015 10:15	0.274	0.0386	
12/14/2015 10:14	0.274	0.0387	
12/14/2015 10:13	0.274	0.0387	
12/14/2015 10:12	0.274	0.0389	
12/14/2015 10:11	0.272	0.0389	
12/14/2015 10:10	0.272	0.0391	
12/14/2015 10:09	0.272	0.0392	
12/14/2015 10:08	0.27	0.0393	
12/14/2015 10:07	0.27	0.0394	
12/14/2015 10:06	0.27	0.0395	
12/14/2015 10:05	0.27	0.0396	
12/14/2015 10:04	0.27	0.0397	
12/14/2015 10:03	0.27	0.0397	
12/14/2015 10:02	0.27	0.0397	
12/14/2015 10:01	0.269	0.0398	
12/14/2015 10:00	0.269	0.0399	
12/14/2015 9:59	0.269	0.0399	
12/14/2015 9:58	0.268	0.0399	
12/14/2015 9:57	0.268	0.0399	
12/14/2015 9:56	0.268	0.0401	
12/14/2015 9:55	0.268	0.0403	
12/14/2015 9:54	0.268	0.0403	
12/14/2015 9:53	0.268	0.0403	
12/14/2015 9:52	0.268	0.0404	
12/14/2015 9:51	0.268	0.0405	
12/14/2015 9:50	0.268	0.0406	
12/14/2015 9:49	0.268	0.0407	
12/14/2015 9:48	0.259	0.0409	
12/14/2015 9:47	0.259	0.0411	
12/14/2015 9:46	0.259	0.0411	
12/14/2015 9:45	0.259	0.0413	
12/14/2015 9:44	0.258	0.0414	
12/14/2015 9:43	0.258	0.0415	
12/14/2015 9:42	0.258	0.0416	
12/14/2015 9:41	0.258	0.0416	
12/14/2015 9:40	0.258	0.0417	
12/14/2015 9:39	0.258	0.0418	
12/14/2015 9:38	0.258	0.0419	
12/14/2015 9:37	0.254	0.0419	
12/14/2015 9:36	0.254	0.042	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 9:35	0.254	0.042	
12/14/2015 9:34	0.252	0.0422	
12/14/2015 9:33	0.247	0.0423	
12/14/2015 9:32	0.247	0.0425	
12/14/2015 9:31	0.246	0.0427	
12/14/2015 9:30	0.234	0.0429	
12/14/2015 9:29	0.233	0.0431	
12/14/2015 9:28	0.233	0.0433	
12/14/2015 9:27	0.229	0.0438	
12/14/2015 9:26	0.218	0.044	
12/14/2015 9:25	0.213	0.0442	
12/14/2015 9:24	0.213	0.0445	
12/14/2015 9:23	0.209	0.0447	
12/14/2015 9:22	0.205	0.0449	
12/14/2015 9:21	0.204	0.0452	
12/14/2015 9:20	0.203	0.0454	
12/14/2015 9:19	0.197	0.0456	
12/14/2015 9:18	0.197	0.0458	
12/14/2015 9:17	0.193	0.0459	
12/14/2015 9:16	0.188	0.0461	
12/14/2015 9:15	0.187	0.0464	
12/14/2015 9:14	0.187	0.0466	
12/14/2015 9:13	0.187	0.0468	
12/14/2015 9:12	0.184	0.0467	
12/14/2015 9:11	0.178	0.0469	
12/14/2015 9:10	0.178	0.0471	
12/14/2015 9:09	0.177	0.0472	
12/14/2015 9:08	0.173	0.0474	
12/14/2015 9:07	0.171	0.0475	
12/14/2015 9:06	0.169	0.0477	
12/14/2015 9:05	0.166	0.0478	
12/14/2015 9:04	0.16	0.0479	
12/14/2015 9:03	0.158	0.0481	
12/14/2015 9:02	0.156	0.0481	
12/14/2015 9:01	0.153	0.0483	
12/14/2015 9:00	0.151	0.0483	
12/14/2015 8:59	0.149	0.0484	
12/14/2015 8:58	0.148	0.0486	
12/14/2015 8:57	0.144	0.0488	
12/14/2015 8:56	0.139	0.0489	
12/14/2015 8:55	0.139	0.0491	
12/14/2015 8:54	0.135	0.0492	
12/14/2015 8:53	0.132	0.0495	
12/14/2015 8:52	0.13	0.0497	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/14/2015 8:51	0.127	0.0499	
12/14/2015 8:50	0.123	0.0502	
12/14/2015 8:49	0.123	0.0503	
12/14/2015 8:48	0.12	0.0505	
12/14/2015 8:47	0.116	0.0508	
12/14/2015 8:46	0.114	0.051	
12/14/2015 8:45	0.112	0.0513	
12/14/2015 8:44	0.111	0.0515	
12/14/2015 8:43	0.105	0.0517	
12/14/2015 8:42	0.104	0.0519	
12/14/2015 8:41	0.101	0.0522	
12/14/2015 8:40	0.099	0.0524	
12/14/2015 8:39	0.095	0.0527	
12/14/2015 8:38	0.091	0.0529	
12/14/2015 8:37	0.091	0.0532	
12/14/2015 8:36	0.09	0.0535	
12/14/2015 8:35	0.087	0.0537	
12/14/2015 8:34	0.083	0.0541	
12/14/2015 8:33	0.08	0.0544	
12/14/2015 8:32	0.076	0.0547	
12/14/2015 8:31	0.074	0.0551	
12/14/2015 8:30	0.073	0.0554	
12/14/2015 8:29	0.068	0.0557	
12/14/2015 8:28	0.068	0.056	
12/14/2015 8:27	0.068	0.0561	
12/14/2015 8:26	0.068	0.0563	
12/14/2015 8:25	0.068	0.0565	
12/14/2015 8:24	0.068	0.0566	
12/14/2015 8:23	0.068	0.0568	
12/14/2015 8:22	0.068	0.0569	
12/14/2015 8:21	0.068	0.0571	
12/14/2015 8:20	0.068	0.0573	
12/14/2015 8:19	0.068	0.0575	
12/14/2015 8:18	0.068	0.0576	
12/14/2015 8:17	0.068	0.0577	
12/14/2015 8:16	0.068	0.058	
12/14/2015 8:15	0.068	0.058	
12/14/2015 8:14	0.068	0.058	
12/10/2015 14:47	0.208	0.0167	
12/10/2015 14:46	0.208	0.0172	
12/10/2015 14:45	0.208	0.0174	
12/10/2015 14:44	0.208	0.0173	
12/10/2015 14:43	0.208	0.0173	
12/10/2015 14:42	0.208	0.0173	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 14:41	0.208	0.0173	
12/10/2015 14:40	0.208	0.0174	
12/10/2015 14:39	0.207	0.0175	
12/10/2015 14:38	0.206	0.0175	
12/10/2015 14:37	0.206	0.0175	
12/10/2015 14:36	0.206	0.0176	
12/10/2015 14:35	0.206	0.0177	
12/10/2015 14:34	0.205	0.0179	
12/10/2015 14:33	0.205	0.0181	
12/10/2015 14:32	0.205	0.0183	
12/10/2015 14:31	0.205	0.0179	
12/10/2015 14:30	0.205	0.0179	
12/10/2015 14:29	0.205	0.018	
12/10/2015 14:28	0.205	0.0182	
12/10/2015 14:27	0.205	0.0183	
12/10/2015 14:26	0.205	0.0184	
12/10/2015 14:25	0.205	0.0185	
12/10/2015 14:24	0.205	0.0187	
12/10/2015 14:23	0.205	0.019	
12/10/2015 14:22	0.205	0.0193	
12/10/2015 14:21	0.205	0.0195	
12/10/2015 14:20	0.205	0.0197	
12/10/2015 14:19	0.206	0.0198	
12/10/2015 14:18	0.207	0.0199	
12/10/2015 14:17	0.207	0.02	
12/10/2015 14:16	0.207	0.0201	
12/10/2015 14:15	0.207	0.0201	
12/10/2015 14:14	0.207	0.0205	
12/10/2015 14:13	0.207	0.0205	
12/10/2015 14:12	0.207	0.0207	
12/10/2015 14:11	0.207	0.0209	
12/10/2015 14:10	0.207	0.021	
12/10/2015 14:09	0.207	0.0211	
12/10/2015 14:08	0.207	0.0211	
12/10/2015 14:07	0.206	0.0211	
12/10/2015 14:06	0.206	0.0211	
12/10/2015 14:05	0.206	0.0211	
12/10/2015 14:04	0.206	0.0211	
12/10/2015 14:03	0.206	0.0211	
12/10/2015 14:02	0.206	0.0211	
12/10/2015 14:01	0.206	0.0211	
12/10/2015 14:00	0.204	0.0213	
12/10/2015 13:59	0.204	0.0213	
12/10/2015 13:58	0.204	0.0215	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 13:57	0.204	0.0215	
12/10/2015 13:56	0.204	0.0215	
12/10/2015 13:55	0.204	0.0216	
12/10/2015 13:54	0.204	0.0217	
12/10/2015 13:53	0.204	0.0217	
12/10/2015 13:52	0.204	0.0218	
12/10/2015 13:51	0.204	0.0219	
12/10/2015 13:50	0.204	0.0221	
12/10/2015 13:49	0.204	0.0223	
12/10/2015 13:48	0.204	0.0225	
12/10/2015 13:47	0.204	0.0229	
12/10/2015 13:46	0.204	0.0231	
12/10/2015 13:45	0.204	0.0232	
12/10/2015 13:44	0.204	0.0233	
12/10/2015 13:43	0.204	0.0234	
12/10/2015 13:42	0.204	0.0235	
12/10/2015 13:41	0.204	0.0237	
12/10/2015 13:40	0.204	0.0238	
12/10/2015 13:39	0.204	0.0238	
12/10/2015 13:38	0.204	0.0239	
12/10/2015 13:37	0.204	0.0238	
12/10/2015 13:36	0.204	0.0237	
12/10/2015 13:35	0.204	0.0237	
12/10/2015 13:34	0.204	0.0235	
12/10/2015 13:33	0.204	0.0233	
12/10/2015 13:32	0.204	0.0231	
12/10/2015 13:31	0.204	0.0229	
12/10/2015 13:30	0.206	0.0229	
12/10/2015 13:29	0.206	0.0228	
12/10/2015 13:28	0.206	0.0227	
12/10/2015 13:27	0.206	0.0226	
12/10/2015 13:26	0.206	0.0225	
12/10/2015 13:25	0.206	0.0224	
12/10/2015 13:24	0.206	0.0224	
12/10/2015 13:23	0.206	0.0224	
12/10/2015 13:22	0.206	0.0225	
12/10/2015 13:21	0.206	0.0227	
12/10/2015 13:20	0.206	0.0229	
12/10/2015 13:19	0.206	0.023	
12/10/2015 13:18	0.206	0.0231	
12/10/2015 13:17	0.206	0.0233	
12/10/2015 13:16	0.206	0.0235	
12/10/2015 13:15	0.206	0.0236	
12/10/2015 13:14	0.206	0.0238	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 13:13	0.208	0.0239	
12/10/2015 13:12	0.209	0.0241	
12/10/2015 13:11	0.21	0.0242	
12/10/2015 13:10	0.21	0.0243	
12/10/2015 13:09	0.21	0.0244	
12/10/2015 13:08	0.21	0.0244	
12/10/2015 13:07	0.21	0.0244	
12/10/2015 13:06	0.21	0.0243	
12/10/2015 13:05	0.21	0.0244	
12/10/2015 13:04	0.211	0.0244	
12/10/2015 13:03	0.211	0.0244	
12/10/2015 13:02	0.212	0.0244	
12/10/2015 13:01	0.212	0.0243	
12/10/2015 13:00	0.212	0.0243	
12/10/2015 12:59	0.213	0.0243	
12/10/2015 12:58	0.213	0.0244	
12/10/2015 12:57	0.213	0.0246	
12/10/2015 12:56	0.214	0.0247	
12/10/2015 12:55	0.214	0.025	
12/10/2015 12:54	0.216	0.0253	
12/10/2015 12:53	0.216	0.0255	
12/10/2015 12:52	0.217	0.0257	
12/10/2015 12:51	0.217	0.0259	
12/10/2015 12:50	0.217	0.0261	
12/10/2015 12:49	0.217	0.0263	
12/10/2015 12:48	0.217	0.0266	
12/10/2015 12:47	0.217	0.0269	
12/10/2015 12:46	0.217	0.0272	
12/10/2015 12:45	0.217	0.0274	
12/10/2015 12:44	0.217	0.0276	
12/10/2015 12:43	0.217	0.0277	
12/10/2015 12:42	0.217	0.0279	
12/10/2015 12:41	0.217	0.0279	
12/10/2015 12:40	0.217	0.0278	
12/10/2015 12:39	0.217	0.0278	
12/10/2015 12:38	0.217	0.0279	
12/10/2015 12:37	0.217	0.0279	
12/10/2015 12:36	0.217	0.0279	
12/10/2015 12:35	0.217	0.0279	
12/10/2015 12:34	0.217	0.0279	
12/10/2015 12:33	0.217	0.0277	
12/10/2015 12:32	0.217	0.0277	
12/10/2015 12:31	0.215	0.0275	
12/10/2015 12:30	0.215	0.0275	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 12:29	0.215	0.0274	
12/10/2015 12:28	0.215	0.0273	
12/10/2015 12:27	0.215	0.027	
12/10/2015 12:26	0.215	0.0269	
12/10/2015 12:25	0.215	0.0269	
12/10/2015 12:24	0.215	0.0267	
12/10/2015 12:23	0.215	0.0266	
12/10/2015 12:22	0.215	0.0265	
12/10/2015 12:21	0.215	0.0265	
12/10/2015 12:20	0.215	0.0266	
12/10/2015 12:19	0.215	0.0266	
12/10/2015 12:18	0.215	0.0265	
12/10/2015 12:17	0.215	0.0264	
12/10/2015 12:16	0.215	0.0264	
12/10/2015 12:15	0.215	0.0263	
12/10/2015 12:14	0.215	0.0263	
12/10/2015 12:13	0.215	0.0263	
12/10/2015 12:12	0.215	0.0265	
12/10/2015 12:11	0.215	0.0265	
12/10/2015 12:10	0.214	0.0268	
12/10/2015 12:09	0.214	0.0268	
12/10/2015 12:08	0.214	0.0269	
12/10/2015 12:07	0.214	0.0271	
12/10/2015 12:06	0.214	0.0274	
12/10/2015 12:05	0.213	0.0275	
12/10/2015 12:04	0.213	0.028	
12/10/2015 12:03	0.21	0.0284	
12/10/2015 12:02	0.21	0.0289	
12/10/2015 12:01	0.21	0.0293	
12/10/2015 12:00	0.21	0.0299	
12/10/2015 11:59	0.208	0.0304	
12/10/2015 11:58	0.208	0.0308	
12/10/2015 11:57	0.208	0.0311	
12/10/2015 11:56	0.208	0.0313	
12/10/2015 11:55	0.208	0.0316	
12/10/2015 11:54	0.207	0.0321	
12/10/2015 11:53	0.207	0.0323	
12/10/2015 11:52	0.207	0.0326	
12/10/2015 11:51	0.207	0.0329	
12/10/2015 11:50	0.207	0.0331	
12/10/2015 11:49	0.207	0.0333	
12/10/2015 11:48	0.207	0.0335	
12/10/2015 11:47	0.207	0.0338	
12/10/2015 11:46	0.207	0.034	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 11:45	0.205	0.0341	
12/10/2015 11:44	0.204	0.0342	
12/10/2015 11:43	0.204	0.0345	
12/10/2015 11:42	0.204	0.0348	
12/10/2015 11:41	0.204	0.0351	
12/10/2015 11:40	0.204	0.0355	
12/10/2015 11:39	0.204	0.0375	
12/10/2015 11:38	0.204	0.0378	
12/10/2015 11:37	0.203	0.038	
12/10/2015 11:36	0.203	0.0381	
12/10/2015 11:35	0.202	0.0381	
12/10/2015 11:34	0.2	0.0381	
12/10/2015 11:33	0.2	0.0381	
12/10/2015 11:32	0.199	0.038	
12/10/2015 11:31	0.199	0.038	
12/10/2015 11:30	0.199	0.0381	
12/10/2015 11:29	0.196	0.0381	
12/10/2015 11:28	0.196	0.0381	
12/10/2015 11:27	0.196	0.0382	
12/10/2015 11:26	0.196	0.0383	
12/10/2015 11:25	0.195	0.0382	
12/10/2015 11:24	0.195	0.0365	
12/10/2015 11:23	0.194	0.0366	
12/10/2015 11:22	0.194	0.0367	
12/10/2015 11:21	0.194	0.037	
12/10/2015 11:20	0.193	0.0373	
12/10/2015 11:19	0.193	0.0376	
12/10/2015 11:18	0.193	0.038	
12/10/2015 11:17	0.191	0.0384	
12/10/2015 11:16	0.19	0.0387	
12/10/2015 11:15	0.187	0.0391	
12/10/2015 11:14	0.187	0.0394	
12/10/2015 11:13	0.187	0.0398	
12/10/2015 11:12	0.185	0.0402	
12/10/2015 11:11	0.185	0.0405	
12/10/2015 11:10	0.184	0.0408	
12/10/2015 11:09	0.183	0.0413	
12/10/2015 11:08	0.183	0.0416	
12/10/2015 11:07	0.183	0.042	
12/10/2015 11:06	0.18	0.0422	
12/10/2015 11:05	0.18	0.0424	
12/10/2015 11:04	0.178	0.0426	
12/10/2015 11:03	0.178	0.0427	
12/10/2015 11:02	0.177	0.0429	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 11:01	0.177	0.0432	
12/10/2015 11:00	0.176	0.0434	
12/10/2015 10:59	0.174	0.0437	
12/10/2015 10:58	0.174	0.0439	
12/10/2015 10:57	0.172	0.0441	
12/10/2015 10:56	0.172	0.0444	
12/10/2015 10:55	0.171	0.0447	
12/10/2015 10:54	0.171	0.0449	
12/10/2015 10:53	0.17	0.0453	
12/10/2015 10:52	0.17	0.0456	
12/10/2015 10:51	0.167	0.0459	
12/10/2015 10:50	0.166	0.0463	
12/10/2015 10:49	0.166	0.0466	
12/10/2015 10:48	0.163	0.047	
12/10/2015 10:47	0.163	0.0473	
12/10/2015 10:46	0.163	0.0476	
12/10/2015 10:45	0.161	0.0478	
12/10/2015 10:44	0.159	0.0481	
12/10/2015 10:43	0.157	0.0483	
12/10/2015 10:42	0.156	0.0485	
12/10/2015 10:41	0.156	0.0486	
12/10/2015 10:40	0.152	0.0487	
12/10/2015 10:39	0.152	0.0489	
12/10/2015 10:38	0.15	0.049	
12/10/2015 10:37	0.148	0.0491	
12/10/2015 10:36	0.144	0.0492	
12/10/2015 10:35	0.141	0.0493	
12/10/2015 10:34	0.14	0.0494	
12/10/2015 10:33	0.14	0.0495	
12/10/2015 10:32	0.138	0.0497	
12/10/2015 10:31	0.136	0.0498	
12/10/2015 10:30	0.134	0.0499	
12/10/2015 10:29	0.131	0.0499	
12/10/2015 10:28	0.129	0.0501	
12/10/2015 10:27	0.125	0.0501	
12/10/2015 10:26	0.123	0.0502	
12/10/2015 10:25	0.122	0.0503	
12/10/2015 10:24	0.12	0.0503	
12/10/2015 10:23	0.119	0.0503	
12/10/2015 10:22	0.117	0.0503	
12/10/2015 10:21	0.113	0.0503	
12/10/2015 10:20	0.113	0.0503	
12/10/2015 10:19	0.109	0.0503	
12/10/2015 10:18	0.107	0.0502	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 10:17	0.104	0.0501	
12/10/2015 10:16	0.102	0.0499	
12/10/2015 10:15	0.099	0.0499	
12/10/2015 10:14	0.096	0.0498	
12/10/2015 10:13	0.094	0.0497	
12/10/2015 10:12	0.091	0.0497	
12/10/2015 10:11	0.089	0.0497	
12/10/2015 10:10	0.082	0.0497	
12/10/2015 10:09	0.082	0.0497	
12/10/2015 10:08	0.08	0.0497	
12/10/2015 10:07	0.079	0.0497	
12/10/2015 10:06	0.075	0.0497	
12/10/2015 10:05	0.071	0.0497	
12/10/2015 10:04	0.07	0.0497	
12/10/2015 10:03	0.067	0.0497	
12/10/2015 10:02	0.064	0.0497	
12/10/2015 10:01	0.06	0.0497	
12/10/2015 10:00	0.06	0.0499	
12/10/2015 9:59	0.058	0.0498	
12/10/2015 9:58	0.057	0.0498	
12/10/2015 9:57	0.053	0.0498	
12/10/2015 9:56	0.049	0.0499	
12/10/2015 9:55	0.045	0.0497	
12/10/2015 9:54	0.045	0.0497	
12/10/2015 9:53	0.044	0.0497	
12/10/2015 9:52	0.042	0.0496	
12/10/2015 9:51	0.041	0.0495	
12/10/2015 9:50	0.037	0.0494	
12/10/2015 9:49	0.032	0.0494	
12/10/2015 9:48	0.031	0.0492	
12/10/2015 9:47	0.028	0.0491	
12/10/2015 9:46	0.02	0.0491	
12/10/2015 9:45	0.017	0.0491	
12/10/2015 9:44	0.016	0.0491	
12/10/2015 9:43	0.009	0.0491	
12/10/2015 9:42	0.009	0.0492	
12/10/2015 9:41	0.002	0.0495	
12/10/2015 9:40	0.002	0.0495	
12/10/2015 9:39	0.002	0.0495	
12/10/2015 9:38	0.002	0.0495	
12/10/2015 9:37	0.002	0.0495	
12/10/2015 9:36	0.002	0.0497	
12/10/2015 9:35	0.002	0.0498	
12/10/2015 9:34	0.002	0.0499	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/10/2015 9:33	0.002	0.0503	
12/10/2015 9:32	0.002	0.0507	
12/10/2015 9:31	0.002	0.051	
12/10/2015 9:30	0.002	0.0513	
12/10/2015 9:29	0.002	0.0517	
12/10/2015 9:28	0.002	0.0525	
12/10/2015 9:27	0.002	0.055	
12/9/2015 14:55	0.287		
12/9/2015 14:54	0.287	0.0521	
12/9/2015 14:53	0.287	0.0522	
12/9/2015 14:52	0.287	0.0523	
12/9/2015 14:51	0.287	0.0522	
12/9/2015 14:50	0.287	0.0522	
12/9/2015 14:49	0.287	0.0521	
12/9/2015 14:48	0.287	0.0521	
12/9/2015 14:47	0.287	0.0521	
12/9/2015 14:46	0.287	0.0521	
12/9/2015 14:45	0.287	0.052	
12/9/2015 14:44	0.287	0.0518	
12/9/2015 14:43	0.287	0.0516	
12/9/2015 14:42	0.287	0.0515	
12/9/2015 14:41	0.287	0.0513	
12/9/2015 14:40	0.287	0.0511	
12/9/2015 14:39	0.287	0.051	
12/9/2015 14:38	0.287	0.051	
12/9/2015 14:37	0.287	0.0509	
12/9/2015 14:36	0.287	0.0511	
12/9/2015 14:35	0.287	0.0513	
12/9/2015 14:34	0.287	0.0515	
12/9/2015 14:33	0.287	0.0516	
12/9/2015 14:32	0.289	0.0517	
12/9/2015 14:31	0.289	0.0518	
12/9/2015 14:30	0.289	0.0519	
12/9/2015 14:29	0.289	0.0521	
12/9/2015 14:28	0.289	0.0523	
12/9/2015 14:27	0.289	0.0524	
12/9/2015 14:26	0.289	0.0525	
12/9/2015 14:25	0.289	0.0527	
12/9/2015 14:24	0.289	0.0527	
12/9/2015 14:23	0.289	0.0525	
12/9/2015 14:22	0.289	0.0527	
12/9/2015 14:21	0.289	0.0525	
12/9/2015 14:20	0.289	0.0523	
12/9/2015 14:19	0.29	0.0527	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 14:18	0.29	0.0527	
12/9/2015 14:17	0.29	0.0526	
12/9/2015 14:16	0.29	0.0527	
12/9/2015 14:15	0.29	0.0527	
12/9/2015 14:14	0.292	0.0525	
12/9/2015 14:13	0.292	0.0525	
12/9/2015 14:12	0.292	0.0525	
12/9/2015 14:11	0.294	0.0526	
12/9/2015 14:10	0.295	0.0527	
12/9/2015 14:09	0.295	0.0531	
12/9/2015 14:08	0.295	0.0534	
12/9/2015 14:07	0.295	0.0537	
12/9/2015 14:06	0.295	0.0543	
12/9/2015 14:05	0.295	0.0545	
12/9/2015 14:04	0.295	0.0543	
12/9/2015 14:03	0.295	0.055	
12/9/2015 14:02	0.295	0.0551	
12/9/2015 14:01	0.295	0.0553	
12/9/2015 14:00	0.295	0.0554	
12/9/2015 13:59	0.295	0.0561	
12/9/2015 13:58	0.295	0.0563	
12/9/2015 13:57	0.296	0.0567	
12/9/2015 13:56	0.296	0.0568	
12/9/2015 13:55	0.296	0.0571	
12/9/2015 13:54	0.296	0.0573	
12/9/2015 13:53	0.296	0.06	
12/9/2015 13:52	0.296	0.0599	
12/9/2015 13:51	0.296	0.0599	
12/9/2015 13:50	0.296	0.0599	
12/9/2015 13:49	0.295	0.0601	
12/9/2015 13:48	0.294	0.0598	
12/9/2015 13:47	0.294	0.0602	
12/9/2015 13:46	0.294	0.0605	
12/9/2015 13:45	0.293	0.0608	
12/9/2015 13:44	0.293	0.0611	
12/9/2015 13:43	0.293	0.0615	
12/9/2015 13:42	0.292	0.0619	
12/9/2015 13:41	0.292	0.0623	
12/9/2015 13:40	0.292	0.0626	
12/9/2015 13:39	0.292	0.063	
12/9/2015 13:38	0.292	0.061	
12/9/2015 13:37	0.292	0.0617	
12/9/2015 13:36	0.292	0.0649	
12/9/2015 13:35	0.292	0.0655	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 13:34	0.292	0.0661	
12/9/2015 13:33	0.292	0.0666	
12/9/2015 13:32	0.292	0.0667	
12/9/2015 13:31	0.292	0.067	
12/9/2015 13:30	0.292	0.0674	
12/9/2015 13:29	0.291	0.0675	
12/9/2015 13:28	0.291	0.0679	
12/9/2015 13:27	0.291	0.0681	
12/9/2015 13:26	0.289	0.0685	
12/9/2015 13:25	0.289	0.0688	
12/9/2015 13:24	0.289	0.069	
12/9/2015 13:23	0.289	0.0691	
12/9/2015 13:22	0.289	0.0691	
12/9/2015 13:21	0.289	0.0666	
12/9/2015 13:20	0.289	0.0669	
12/9/2015 13:19	0.289	0.0671	
12/9/2015 13:18	0.288	0.0671	
12/9/2015 13:17	0.288	0.0675	
12/9/2015 13:16	0.287	0.0678	
12/9/2015 13:15	0.286	0.0679	
12/9/2015 13:14	0.286	0.0679	
12/9/2015 13:13	0.286	0.0679	
12/9/2015 13:12	0.286	0.0677	
12/9/2015 13:11	0.286	0.0677	
12/9/2015 13:10	0.286	0.0676	
12/9/2015 13:09	0.286	0.0674	
12/9/2015 13:08	0.286	0.0672	
12/9/2015 13:07	0.286	0.0672	
12/9/2015 13:06	0.286	0.067	
12/9/2015 13:05	0.286	0.0669	
12/9/2015 13:04	0.286	0.0669	
12/9/2015 13:03	0.286	0.0672	
12/9/2015 13:02	0.286	0.0673	
12/9/2015 13:01	0.286	0.0676	
12/9/2015 13:00	0.286	0.0679	
12/9/2015 12:59	0.286	0.0685	
12/9/2015 12:58	0.286	0.0687	
12/9/2015 12:57	0.286	0.0694	
12/9/2015 12:56	0.286	0.0697	
12/9/2015 12:55	0.286	0.0702	
12/9/2015 12:54	0.286	0.0709	
12/9/2015 12:53	0.286	0.0713	
12/9/2015 12:52	0.286	0.0717	
12/9/2015 12:51	0.286	0.072	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 12:50	0.286	0.0723	
12/9/2015 12:49	0.286	0.0725	
12/9/2015 12:48	0.286	0.0724	
12/9/2015 12:47	0.286	0.0723	
12/9/2015 12:46	0.286	0.0721	
12/9/2015 12:45	0.286	0.0719	
12/9/2015 12:44	0.286	0.0717	
12/9/2015 12:43	0.286	0.0717	
12/9/2015 12:42	0.286	0.0714	
12/9/2015 12:41	0.287	0.0713	
12/9/2015 12:40	0.287	0.0711	
12/9/2015 12:39	0.288	0.0707	
12/9/2015 12:38	0.289	0.0706	
12/9/2015 12:37	0.29	0.0704	
12/9/2015 12:36	0.29	0.0703	
12/9/2015 12:35	0.29	0.07	
12/9/2015 12:34	0.29	0.07	
12/9/2015 12:33	0.29	0.07	
12/9/2015 12:32	0.291	0.0699	
12/9/2015 12:31	0.292	0.0698	
12/9/2015 12:30	0.292	0.0697	
12/9/2015 12:29	0.296	0.0694	
12/9/2015 12:28	0.296	0.0693	
12/9/2015 12:27	0.296	0.069	
12/9/2015 12:26	0.296	0.0688	
12/9/2015 12:25	0.296	0.0684	
12/9/2015 12:24	0.296	0.0683	
12/9/2015 12:23	0.293	0.0682	
12/9/2015 12:22	0.293	0.0681	
12/9/2015 12:21	0.293	0.0679	
12/9/2015 12:20	0.293	0.0677	
12/9/2015 12:19	0.293	0.0675	
12/9/2015 12:18	0.293	0.0671	
12/9/2015 12:17	0.293	0.0669	
12/9/2015 12:16	0.293	0.0667	
12/9/2015 12:15	0.291	0.0663	
12/9/2015 12:14	0.291	0.0663	
12/9/2015 12:13	0.291	0.066	
12/9/2015 12:12	0.291	0.066	
12/9/2015 12:11	0.291	0.0657	
12/9/2015 12:10	0.291	0.0657	
12/9/2015 12:09	0.291	0.0656	
12/9/2015 12:08	0.291	0.0654	
12/9/2015 12:07	0.291	0.0651	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 12:06	0.291	0.0648	
12/9/2015 12:05	0.291	0.0646	
12/9/2015 12:04	0.291	0.0643	
12/9/2015 12:03	0.291	0.0644	
12/9/2015 12:02	0.291	0.0645	
12/9/2015 12:01	0.291	0.0647	
12/9/2015 12:00	0.291	0.0648	
12/9/2015 11:59	0.291	0.0649	
12/9/2015 11:58	0.291	0.0651	
12/9/2015 11:57	0.291	0.0651	
12/9/2015 11:56	0.292	0.0653	
12/9/2015 11:55	0.292	0.0653	
12/9/2015 11:54	0.292	0.0651	
12/9/2015 11:53	0.292	0.0651	
12/9/2015 11:52	0.292	0.0653	
12/9/2015 11:51	0.292	0.0655	
12/9/2015 11:50	0.292	0.0657	
12/9/2015 11:49	0.292	0.0658	
12/9/2015 11:48	0.294	0.0657	
12/9/2015 11:47	0.295	0.0655	
12/9/2015 11:46	0.295	0.0653	
12/9/2015 11:45	0.295	0.0652	
12/9/2015 11:44	0.295	0.0649	
12/9/2015 11:43	0.295	0.0647	
12/9/2015 11:42	0.296	0.0644	
12/9/2015 11:41	0.296	0.0642	
12/9/2015 11:40	0.296	0.064	
12/9/2015 11:39	0.296	0.0641	
12/9/2015 11:38	0.296	0.0642	
12/9/2015 11:37	0.295	0.0643	
12/9/2015 11:36	0.295	0.0644	
12/9/2015 11:35	0.295	0.0645	
12/9/2015 11:34	0.294	0.0645	
12/9/2015 11:33	0.294	0.0646	
12/9/2015 11:32	0.293	0.0646	
12/9/2015 11:31	0.293	0.0646	
12/9/2015 11:30	0.287	0.0645	
12/9/2015 11:29	0.287	0.0649	
12/9/2015 11:28	0.287	0.0651	
12/9/2015 11:27	0.287	0.0655	
12/9/2015 11:26	0.287	0.0657	
12/9/2015 11:25	0.287	0.066	
12/9/2015 11:24	0.287	0.0661	
12/9/2015 11:23	0.285	0.0659	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 11:22	0.285	0.0656	
12/9/2015 11:21	0.285	0.0654	
12/9/2015 11:20	0.285	0.0653	
12/9/2015 11:19	0.285	0.065	
12/9/2015 11:18	0.285	0.0649	
12/9/2015 11:17	0.284	0.0648	
12/9/2015 11:16	0.283	0.0648	
12/9/2015 11:15	0.283	0.0647	
12/9/2015 11:14	0.283	0.0644	
12/9/2015 11:13	0.283	0.0641	
12/9/2015 11:12	0.283	0.0635	
12/9/2015 11:11	0.283	0.0633	
12/9/2015 11:10	0.283	0.0629	
12/9/2015 11:09	0.282	0.0624	
12/9/2015 11:08	0.282	0.062	
12/9/2015 11:07	0.282	0.0622	
12/9/2015 11:06	0.282	0.0621	
12/9/2015 11:05	0.281	0.0617	
12/9/2015 11:04	0.281	0.0618	
12/9/2015 11:03	0.281	0.0616	
12/9/2015 11:02	0.281	0.0613	
12/9/2015 11:01	0.281	0.0611	
12/9/2015 11:00	0.281	0.0609	
12/9/2015 10:59	0.281	0.0607	
12/9/2015 10:58	0.281	0.0607	
12/9/2015 10:57	0.281	0.0608	
12/9/2015 10:56	0.281	0.0609	
12/9/2015 10:55	0.281	0.0612	
12/9/2015 10:54	0.281	0.0616	
12/9/2015 10:53	0.281	0.062	
12/9/2015 10:52	0.281	0.0619	
12/9/2015 10:51	0.281	0.0618	
12/9/2015 10:50	0.281	0.0618	
12/9/2015 10:49	0.282	0.0618	
12/9/2015 10:48	0.282	0.0623	
12/9/2015 10:47	0.283	0.0625	
12/9/2015 10:46	0.282	0.0625	
12/9/2015 10:45	0.282	0.0625	
12/9/2015 10:44	0.279	0.0625	
12/9/2015 10:43	0.279	0.0625	
12/9/2015 10:42	0.279	0.0625	
12/9/2015 10:41	0.279	0.0625	
12/9/2015 10:40	0.279	0.0625	
12/9/2015 10:39	0.279	0.0623	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 10:38	0.279	0.0623	
12/9/2015 10:37	0.279	0.0623	
12/9/2015 10:36	0.279	0.0624	
12/9/2015 10:35	0.276	0.0625	
12/9/2015 10:34	0.276	0.0628	
12/9/2015 10:33	0.276	0.0625	
12/9/2015 10:32	0.274	0.0627	
12/9/2015 10:31	0.272	0.063	
12/9/2015 10:30	0.272	0.0633	
12/9/2015 10:29	0.272	0.0634	
12/9/2015 10:28	0.272	0.0638	
12/9/2015 10:27	0.271	0.0639	
12/9/2015 10:26	0.271	0.0645	
12/9/2015 10:25	0.269	0.0645	
12/9/2015 10:24	0.266	0.0649	
12/9/2015 10:23	0.265	0.0649	
12/9/2015 10:22	0.265	0.0652	
12/9/2015 10:21	0.263	0.0653	
12/9/2015 10:20	0.261	0.0657	
12/9/2015 10:19	0.261	0.0658	
12/9/2015 10:18	0.261	0.066	
12/9/2015 10:17	0.259	0.0661	
12/9/2015 10:16	0.257	0.0661	
12/9/2015 10:15	0.257	0.0663	
12/9/2015 10:14	0.255	0.0665	
12/9/2015 10:13	0.255	0.0669	
12/9/2015 10:12	0.255	0.0669	
12/9/2015 10:11	0.255	0.0663	
12/9/2015 10:10	0.255	0.0665	
12/9/2015 10:09	0.255	0.0663	
12/9/2015 10:08	0.252	0.0664	
12/9/2015 10:07	0.252	0.0663	
12/9/2015 10:06	0.252	0.0663	
12/9/2015 10:05	0.251	0.0664	
12/9/2015 10:04	0.251	0.0663	
12/9/2015 10:03	0.249	0.0661	
12/9/2015 10:02	0.248	0.0663	
12/9/2015 10:01	0.247	0.0663	
12/9/2015 10:00	0.244	0.0664	
12/9/2015 9:59	0.243	0.0664	
12/9/2015 9:58	0.241	0.0662	
12/9/2015 9:57	0.241	0.0664	
12/9/2015 9:56	0.239	0.0667	
12/9/2015 9:55	0.237	0.0669	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 9:54	0.237	0.0673	
12/9/2015 9:53	0.237	0.0675	
12/9/2015 9:52	0.233	0.0679	
12/9/2015 9:51	0.233	0.0683	
12/9/2015 9:50	0.233	0.0681	
12/9/2015 9:49	0.233	0.0685	
12/9/2015 9:48	0.229	0.0688	
12/9/2015 9:47	0.227	0.0691	
12/9/2015 9:46	0.226	0.0693	
12/9/2015 9:45	0.224	0.0703	
12/9/2015 9:44	0.222	0.0705	
12/9/2015 9:43	0.221	0.0706	
12/9/2015 9:42	0.221	0.0705	
12/9/2015 9:41	0.221	0.0705	
12/9/2015 9:40	0.217	0.0705	
12/9/2015 9:39	0.216	0.0704	
12/9/2015 9:38	0.215	0.0704	
12/9/2015 9:37	0.213	0.0701	
12/9/2015 9:36	0.209	0.0699	
12/9/2015 9:35	0.209	0.0698	
12/9/2015 9:34	0.209	0.0696	
12/9/2015 9:33	0.209	0.0695	
12/9/2015 9:32	0.205	0.0693	
12/9/2015 9:31	0.205	0.0691	
12/9/2015 9:30	0.201	0.0682	
12/9/2015 9:29	0.201	0.068	
12/9/2015 9:28	0.199	0.068	
12/9/2015 9:27	0.198	0.0681	
12/9/2015 9:26	0.198	0.068	
12/9/2015 9:25	0.194	0.0681	
12/9/2015 9:24	0.194	0.068	
12/9/2015 9:23	0.194	0.068	
12/9/2015 9:22	0.185	0.0679	
12/9/2015 9:21	0.185	0.068	
12/9/2015 9:20	0.18	0.0681	
12/9/2015 9:19	0.176	0.0682	
12/9/2015 9:18	0.174	0.0681	
12/9/2015 9:17	0.172	0.0681	
12/9/2015 9:16	0.17	0.0682	
12/9/2015 9:15	0.17	0.0682	
12/9/2015 9:14	0.167	0.0681	
12/9/2015 9:13	0.167	0.0681	
12/9/2015 9:12	0.167	0.0681	
12/9/2015 9:11	0.167	0.0681	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/9/2015 9:10	0.167	0.068	
12/9/2015 9:09	0.167	0.068	
12/9/2015 9:08	0.167	0.0679	
12/9/2015 9:07	0.167	0.068	
12/9/2015 9:06	0.167	0.0679	
12/9/2015 9:05	0.167	0.0677	
12/9/2015 9:04	0.167	0.0677	
12/9/2015 9:03	0.167	0.0678	
12/9/2015 9:02	0.167	0.0678	
12/9/2015 9:01	0.167	0.0673	
12/9/2015 9:00	0.167	0.067	
12/9/2015 8:59	0.168	0.068	
12/9/2015 8:58			
12/8/2015 16:25	0.09	0.0483	
12/8/2015 16:24	0.09	0.0485	
12/8/2015 16:23	0.09	0.0465	
12/8/2015 16:22	0.09	0.0454	
12/8/2015 16:21	0.09	0.045	
12/8/2015 16:20	0.09	0.0445	
12/8/2015 16:19	0.09	0.0442	
12/8/2015 16:18	0.09	0.0443	
12/8/2015 16:17	0.09	0.0441	
12/8/2015 16:16	0.09	0.0442	
12/8/2015 16:15	0.09	0.0444	
12/8/2015 16:14	0.09	0.0441	
12/8/2015 16:13	0.09	0.044	
12/8/2015 16:12	0.09	0.0439	
12/8/2015 16:11	0.091	0.0439	
12/8/2015 16:10	0.091	0.0448	
12/8/2015 16:09	0.091	0.0447	
12/8/2015 16:08	0.091	0.0445	
12/8/2015 16:07	0.091	0.0444	
12/8/2015 16:06	0.091	0.0443	
12/8/2015 16:05	0.091	0.0443	
12/8/2015 16:04	0.091	0.0441	
12/8/2015 16:03	0.091	0.0441	
12/8/2015 16:02	0.091	0.044	
12/8/2015 16:01	0.091	0.0437	
12/8/2015 16:00	0.091	0.0435	
12/8/2015 15:59	0.091	0.0433	
12/8/2015 15:58	0.091	0.0432	
12/8/2015 15:57	0.091	0.0431	
12/8/2015 15:56	0.091	0.0427	
12/8/2015 15:55	0.091	0.0416	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 15:54	0.091	0.0414	
12/8/2015 15:53	0.091	0.0413	
12/8/2015 15:52	0.093	0.0413	
12/8/2015 15:51	0.093	0.0412	
12/8/2015 15:50	0.093	0.0412	
12/8/2015 15:49	0.095	0.0412	
12/8/2015 15:48	0.095	0.0413	
12/8/2015 15:47	0.095	0.0413	
12/8/2015 15:46	0.095	0.0414	
12/8/2015 15:45	0.095	0.0415	
12/8/2015 15:44	0.097	0.0416	
12/8/2015 15:43	0.097	0.0417	
12/8/2015 15:42	0.097	0.0419	
12/8/2015 15:41	0.096	0.042	
12/8/2015 15:40	0.096	0.0421	
12/8/2015 15:39	0.096	0.0424	
12/8/2015 15:38	0.096	0.0428	
12/8/2015 15:37	0.095	0.0429	
12/8/2015 15:36	0.095	0.0432	
12/8/2015 15:35	0.095	0.0434	
12/8/2015 15:34	0.095	0.0436	
12/8/2015 15:33	0.095	0.0437	
12/8/2015 15:32	0.095	0.0438	
12/8/2015 15:31	0.095	0.0439	
12/8/2015 15:30	0.095	0.0441	
12/8/2015 15:29	0.095	0.0443	
12/8/2015 15:28	0.095	0.0443	
12/8/2015 15:27	0.095	0.0444	
12/8/2015 15:26	0.095	0.0447	
12/8/2015 15:25	0.095	0.0448	
12/8/2015 15:24	0.095	0.0448	
12/8/2015 15:23	0.093	0.0448	
12/8/2015 15:22	0.093	0.0448	
12/8/2015 15:21	0.093	0.045	
12/8/2015 15:20	0.093	0.0453	
12/8/2015 15:19	0.093	0.0472	
12/8/2015 15:18	0.093	0.0501	
12/8/2015 15:17	0.093	0.0505	
12/8/2015 15:16	0.093	0.0521	
12/8/2015 15:15	0.093	0.0522	
12/8/2015 15:14	0.092	0.0522	
12/8/2015 15:13	0.092	0.0524	
12/8/2015 15:12	0.092	0.0525	
12/8/2015 15:11	0.092	0.0525	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 15:10	0.092	0.0528	
12/8/2015 15:09	0.092	0.0531	
12/8/2015 15:08	0.092	0.0539	
12/8/2015 15:07	0.092	0.054	
12/8/2015 15:06	0.092	0.0539	
12/8/2015 15:05	0.092	0.0537	
12/8/2015 15:04	0.092	0.052	
12/8/2015 15:03	0.092	0.0494	
12/8/2015 15:02	0.092	0.0495	
12/8/2015 15:01	0.092	0.0489	
12/8/2015 15:00	0.092	0.0506	
12/8/2015 14:59	0.094	0.0509	
12/8/2015 14:58	0.095	0.0509	
12/8/2015 14:57	0.095	0.0509	
12/8/2015 14:56	0.095	0.0509	
12/8/2015 14:55	0.095	0.0511	
12/8/2015 14:54	0.095	0.0512	
12/8/2015 14:53	0.095	0.0509	
12/8/2015 14:52	0.095	0.0511	
12/8/2015 14:51	0.095	0.0511	
12/8/2015 14:50	0.095	0.0513	
12/8/2015 14:49	0.094	0.0515	
12/8/2015 14:48	0.094	0.0516	
12/8/2015 14:47	0.094	0.0518	
12/8/2015 14:46	0.094	0.0512	
12/8/2015 14:45	0.094	0.0494	
12/8/2015 14:44	0.094	0.0491	
12/8/2015 14:43	0.094	0.0494	
12/8/2015 14:42	0.094	0.0493	
12/8/2015 14:41	0.094	0.0491	
12/8/2015 14:40	0.094	0.0487	
12/8/2015 14:39	0.094	0.0483	
12/8/2015 14:38	0.094	0.0478	
12/8/2015 14:37	0.094	0.0477	
12/8/2015 14:36	0.094	0.0475	
12/8/2015 14:35	0.094	0.0473	
12/8/2015 14:34	0.094	0.0469	
12/8/2015 14:33	0.094	0.0465	
12/8/2015 14:32	0.094	0.0459	
12/8/2015 14:31	0.094	0.0456	
12/8/2015 14:30	0.094	0.0457	
12/8/2015 14:29	0.094	0.0457	
12/8/2015 14:28	0.094	0.0452	
12/8/2015 14:27	0.094	0.0453	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 14:26	0.094	0.0453	
12/8/2015 14:25	0.094	0.0454	
12/8/2015 14:24	0.094	0.0454	
12/8/2015 14:23	0.095	0.0454	
12/8/2015 14:22	0.095	0.0453	
12/8/2015 14:21	0.095	0.0453	
12/8/2015 14:20	0.095	0.0454	
12/8/2015 14:19	0.095	0.0453	
12/8/2015 14:18	0.095	0.0452	
12/8/2015 14:17	0.095	0.0451	
12/8/2015 14:16	0.095	0.0451	
12/8/2015 14:15	0.095	0.045	
12/8/2015 14:14	0.095	0.045	
12/8/2015 14:13	0.094	0.045	
12/8/2015 14:12	0.094	0.046	
12/8/2015 14:11	0.094	0.046	
12/8/2015 14:10	0.094	0.0453	
12/8/2015 14:09	0.094		
12/8/2015 14:08	0.094		
12/8/2015 14:07	0.094		
12/8/2015 14:06	0.094		
12/8/2015 14:05	0.094		
12/8/2015 14:04	0.094	0.0438	
12/8/2015 14:03	0.094	0.0436	
12/8/2015 14:02	0.094		
12/8/2015 14:01	0.094		
12/8/2015 14:00	0.094	0.0433	
12/8/2015 13:59	0.093		
12/8/2015 13:58	0.09	0.0429	
12/8/2015 13:57	0.09		
12/8/2015 13:56	0.09	0.0426	
12/8/2015 13:55	0.09	0.0427	
12/8/2015 13:54	0.09	0.0442	
12/8/2015 13:53	0.09		
12/8/2015 13:52	0.09	0.0465	
12/8/2015 13:51	0.089	0.0466	
12/8/2015 13:50	0.089		
12/8/2015 13:49	0.089	0.0462	
12/8/2015 13:48	0.089	0.0463	
12/8/2015 13:47	0.089		
12/8/2015 13:46	0.089	0.046	
12/8/2015 13:45	0.089	0.046	
12/8/2015 13:44	0.089	0.0461	
12/8/2015 13:43	0.089	0.0461	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 13:42	0.089	0.046	
12/8/2015 13:41	0.089	0.0456	
12/8/2015 13:40	0.089	0.0457	
12/8/2015 13:39	0.089	0.0445	
12/8/2015 13:38	0.089	0.0445	
12/8/2015 13:37	0.089	0.0423	
12/8/2015 13:36	0.089	0.0423	
12/8/2015 13:35	0.089	0.0425	
12/8/2015 13:34	0.089	0.0433	
12/8/2015 13:33	0.089	0.0438	
12/8/2015 13:32	0.089	0.0439	
12/8/2015 13:31	0.089	0.0439	
12/8/2015 13:30	0.089	0.0446	
12/8/2015 13:29	0.089	0.0445	
12/8/2015 13:28	0.089	0.0445	
12/8/2015 13:27	0.091	0.0445	
12/8/2015 13:26	0.091	0.0444	
12/8/2015 13:25	0.091	0.0444	
12/8/2015 13:24	0.092	0.0444	
12/8/2015 13:23	0.093	0.0443	
12/8/2015 13:22	0.093	0.0443	
12/8/2015 13:21	0.093	0.0442	
12/8/2015 13:20	0.093	0.0439	
12/8/2015 13:19	0.093	0.0432	
12/8/2015 13:18	0.093	0.0427	
12/8/2015 13:17	0.093	0.0426	
12/8/2015 13:16	0.093	0.0427	
12/8/2015 13:15	0.093	0.0419	
12/8/2015 13:14	0.093	0.0419	
12/8/2015 13:13	0.093	0.0419	
12/8/2015 13:12	0.095	0.0419	
12/8/2015 13:11	0.095	0.042	
12/8/2015 13:10	0.095	0.0419	
12/8/2015 13:09	0.095	0.0419	
12/8/2015 13:08	0.095	0.0421	
12/8/2015 13:07	0.095	0.0421	
12/8/2015 13:06	0.095	0.0421	
12/8/2015 13:05	0.095	0.0423	
12/8/2015 13:04	0.095	0.0422	
12/8/2015 13:03	0.095	0.0421	
12/8/2015 13:02	0.096	0.0421	
12/8/2015 13:01	0.096	0.042	
12/8/2015 13:00	0.098	0.042	
12/8/2015 12:59	0.098	0.0419	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 12:58	0.098	0.0418	
12/8/2015 12:57	0.098	0.0418	
12/8/2015 12:56	0.098	0.0417	
12/8/2015 12:55	0.098	0.0416	
12/8/2015 12:54	0.098	0.0416	
12/8/2015 12:53	0.098	0.0414	
12/8/2015 12:52	0.098	0.0414	
12/8/2015 12:51	0.098	0.0414	
12/8/2015 12:50	0.098	0.0414	
12/8/2015 12:49	0.098	0.0414	
12/8/2015 12:48	0.098	0.0414	
12/8/2015 12:47	0.098	0.0415	
12/8/2015 12:46	0.098	0.0416	
12/8/2015 12:45	0.099	0.0416	
12/8/2015 12:44	0.1	0.0419	
12/8/2015 12:43	0.1	0.0421	
12/8/2015 12:42			
12/8/2015 12:41	0.1	0.0421	
12/8/2015 12:40	0.1	0.0428	
12/8/2015 12:39	0.1	0.0433	
12/8/2015 12:38	0.1	0.0433	
12/8/2015 12:37	0.102	0.0432	
12/8/2015 12:36	0.102	0.0432	
12/8/2015 12:35	0.102	0.0431	
12/8/2015 12:34	0.102	0.0432	
12/8/2015 12:33	0.102	0.0432	
12/8/2015 12:32	0.102	0.0431	
12/8/2015 12:31	0.102	0.0431	
12/8/2015 12:30	0.102	0.0479	
12/8/2015 12:29	0.102	0.0485	
12/8/2015 12:28	0.102	0.0485	
12/8/2015 12:27	0.102	0.0485	
12/8/2015 12:26	0.104	0.0485	
12/8/2015 12:25	0.105	0.0479	
12/8/2015 12:24	0.105	0.0473	
12/8/2015 12:23	0.107	0.0475	
12/8/2015 12:22	0.107	0.0473	
12/8/2015 12:21	0.107	0.0471	
12/8/2015 12:20	0.108	0.0476	
12/8/2015 12:19	0.108	0.0473	
12/8/2015 12:18	0.108	0.0471	
12/8/2015 12:17	0.108	0.0467	
12/8/2015 12:16	0.108	0.0465	
12/8/2015 12:15	0.109	0.0413	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 12:14	0.109	0.0405	
12/8/2015 12:13	0.111	0.0403	
12/8/2015 12:12	0.112	0.04	
12/8/2015 12:11	0.112	0.0398	
12/8/2015 12:10	0.112	0.0395	
12/8/2015 12:09	0.112	0.0393	
12/8/2015 12:08	0.112	0.0391	
12/8/2015 12:07	0.112	0.0391	
12/8/2015 12:06	0.112	0.0391	
12/8/2015 12:05	0.113	0.0385	
12/8/2015 12:04	0.113	0.0386	
12/8/2015 12:03	0.113	0.0387	
12/8/2015 12:02	0.113	0.0387	
12/8/2015 12:01	0.113	0.0388	
12/8/2015 12:00	0.113	0.0389	
12/8/2015 11:59	0.112	0.039	
12/8/2015 11:58	0.112	0.0391	
12/8/2015 11:57	0.112	0.0393	
12/8/2015 11:56	0.112	0.0393	
12/8/2015 11:55	0.11	0.0395	
12/8/2015 11:54	0.109	0.0397	
12/8/2015 11:53	0.109	0.0403	
12/8/2015 11:52	0.109	0.0404	
12/8/2015 11:51	0.109	0.0406	
12/8/2015 11:50	0.109	0.0407	
12/8/2015 11:49	0.109	0.0407	
12/8/2015 11:48	0.109	0.0408	
12/8/2015 11:47	0.109	0.0409	
12/8/2015 11:46	0.108	0.0411	
12/8/2015 11:45	0.108	0.0411	
12/8/2015 11:44	0.108	0.0412	
12/8/2015 11:43	0.108	0.0412	
12/8/2015 11:42	0.106	0.0411	
12/8/2015 11:41	0.106	0.0412	
12/8/2015 11:40	0.106	0.0413	
12/8/2015 11:39	0.106	0.0413	
12/8/2015 11:38	0.105	0.0411	
12/8/2015 11:37	0.105	0.0414	
12/8/2015 11:36	0.105	0.0414	
12/8/2015 11:35	0.104	0.0416	
12/8/2015 11:34	0.103	0.0416	
12/8/2015 11:33	0.103	0.0418	
12/8/2015 11:32	0.103	0.0418	
12/8/2015 11:31	0.103	0.0417	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 11:30	0.103	0.0417	
12/8/2015 11:29	0.103	0.0418	
12/8/2015 11:28	0.101	0.042	
12/8/2015 11:27	0.101	0.0421	
12/8/2015 11:26	0.101	0.0421	
12/8/2015 11:25	0.1	0.042	
12/8/2015 11:24	0.1	0.0421	
12/8/2015 11:23	0.098	0.0419	
12/8/2015 11:22	0.098	0.0415	
12/8/2015 11:21	0.098	0.0416	
12/8/2015 11:20	0.098	0.0414	
12/8/2015 11:19	0.098	0.0415	
12/8/2015 11:18	0.098	0.0414	
12/8/2015 11:17	0.097	0.0416	
12/8/2015 11:16	0.095	0.0416	
12/8/2015 11:15	0.095	0.0416	
12/8/2015 11:14	0.095	0.0416	
12/8/2015 11:13	0.095	0.0414	
12/8/2015 11:12	0.095	0.0413	
12/8/2015 11:11	0.095	0.0413	
12/8/2015 11:10	0.095	0.0413	
12/8/2015 11:09	0.095	0.0411	
12/8/2015 11:08	0.095	0.0411	
12/8/2015 11:07	0.095		
12/8/2015 11:06	0.095	0.041	
12/8/2015 11:05	0.094	0.041	
12/8/2015 11:04	0.093	0.0409	
12/8/2015 11:03	0.093	0.0407	
12/8/2015 11:02	0.093	0.0405	
12/8/2015 11:01	0.093	0.0405	
12/8/2015 11:00	0.093	0.0405	
12/8/2015 10:59	0.093	0.0405	
12/8/2015 10:58	0.093	0.0406	
12/8/2015 10:57	0.093	0.0407	
12/8/2015 10:56	0.093	0.0408	
12/8/2015 10:55	0.093	0.0408	
12/8/2015 10:54	0.091	0.0407	
12/8/2015 10:53	0.09	0.0407	
12/8/2015 10:52	0.09	0.0407	
12/8/2015 10:51	0.09	0.0408	
12/8/2015 10:50	0.09	0.0407	
12/8/2015 10:49	0.089	0.0407	
12/8/2015 10:48	0.089	0.0409	
12/8/2015 10:47	0.087	0.0409	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 10:46	0.087	0.0409	
12/8/2015 10:45	0.087	0.0409	
12/8/2015 10:44	0.087	0.0409	
12/8/2015 10:43	0.087	0.041	
12/8/2015 10:42	0.084	0.041	
12/8/2015 10:41	0.084	0.0409	
12/8/2015 10:40	0.084	0.041	
12/8/2015 10:39	0.083	0.0412	
12/8/2015 10:38	0.083	0.0413	
12/8/2015 10:37	0.082	0.0413	
12/8/2015 10:36	0.081	0.0413	
12/8/2015 10:35	0.081	0.0413	
12/8/2015 10:34	0.08	0.0414	
12/8/2015 10:33	0.08	0.0413	
12/8/2015 10:32	0.08	0.0412	
12/8/2015 10:31	0.08	0.0412	
12/8/2015 10:30	0.079	0.0411	
12/8/2015 10:29	0.078	0.0409	
12/8/2015 10:28	0.076	0.0408	
12/8/2015 10:27	0.076	0.0406	
12/8/2015 10:26	0.073	0.0405	
12/8/2015 10:25	0.073	0.0403	
12/8/2015 10:24	0.073	0.0401	
12/8/2015 10:23	0.073	0.0401	
12/8/2015 10:22	0.072	0.0401	
12/8/2015 10:21	0.072	0.0413	
12/8/2015 10:20	0.072	0.0464	
12/8/2015 10:19	0.071	0.0462	
12/8/2015 10:18	0.069	0.0461	
12/8/2015 10:17	0.069	0.0461	
12/8/2015 10:16	0.069	0.0461	
12/8/2015 10:15	0.069	0.0461	
12/8/2015 10:14	0.069	0.046	
12/8/2015 10:13	0.067	0.0459	
12/8/2015 10:12	0.066	0.0459	
12/8/2015 10:11	0.066	0.0459	
12/8/2015 10:10	0.065	0.0457	
12/8/2015 10:09	0.063	0.0457	
12/8/2015 10:08	0.063	0.0457	
12/8/2015 10:07	0.063	0.046	
12/8/2015 10:06	0.063	0.0447	
12/8/2015 10:05	0.063	0.0395	
12/8/2015 10:04	0.062	0.0397	
12/8/2015 10:03	0.06	0.0397	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 10:02	0.057	0.0397	
12/8/2015 10:01	0.056	0.0397	
12/8/2015 10:00	0.056	0.0398	
12/8/2015 9:59	0.056	0.0399	
12/8/2015 9:58	0.053	0.0399	
12/8/2015 9:57	0.053	0.0399	
12/8/2015 9:56	0.052	0.04	
12/8/2015 9:55	0.052	0.0402	
12/8/2015 9:54	0.05	0.0403	
12/8/2015 9:53	0.049	0.0403	
12/8/2015 9:52	0.048	0.0398	
12/8/2015 9:51	0.047	0.0397	
12/8/2015 9:50	0.045	0.0397	
12/8/2015 9:49	0.043	0.0395	
12/8/2015 9:48	0.041	0.0395	
12/8/2015 9:47	0.041	0.0395	
12/8/2015 9:46	0.041	0.0394	
12/8/2015 9:45	0.041	0.0393	
12/8/2015 9:44	0.038	0.0393	
12/8/2015 9:43	0.038	0.0393	
12/8/2015 9:42	0.038	0.0393	
12/8/2015 9:41	0.034	0.0392	
12/8/2015 9:40	0.032	0.039	
12/8/2015 9:39	0.031	0.0393	
12/8/2015 9:38	0.029	0.0392	
12/8/2015 9:37	0.026	0.0392	
12/8/2015 9:36	0.025	0.0393	
12/8/2015 9:35	0.025	0.0395	
12/8/2015 9:34	0.023	0.0395	
12/8/2015 9:33	0.018	0.0395	
12/8/2015 9:32	0.017	0.0397	
12/8/2015 9:31	0.017	0.0399	
12/8/2015 9:30	0.016	0.0407	
12/8/2015 9:29	0.015	0.0408	
12/8/2015 9:28	0.011	0.0408	
12/8/2015 9:27	0.011	0.0457	
12/8/2015 9:26	0.01	0.0457	
12/8/2015 9:25	0.006	0.0472	
12/8/2015 9:24	0.005	0.0471	
12/8/2015 9:23	0.003	0.0474	
12/8/2015 9:22	0.001	0.0475	
12/8/2015 9:21	0.001	0.0486	
12/8/2015 9:20	0	0.0485	
12/8/2015 9:19	0	0.0487	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 9:18	0	0.0602	
12/8/2015 9:17	0	0.0599	
12/8/2015 9:16	0	0.0612	
12/8/2015 9:15	0	0.0602	
12/8/2015 9:14	0	0.06	
12/8/2015 9:13	0	0.06	
12/8/2015 9:12	0	0.0548	
12/8/2015 9:11	0	0.0586	
12/8/2015 9:10	0	0.057	
12/8/2015 9:09	0	0.0568	
12/8/2015 9:08	0	0.0564	
12/8/2015 9:07	0	0.0562	
12/8/2015 9:06	0	0.0548	
12/8/2015 9:05	0	0.0547	
12/8/2015 9:04	0	0.0545	
12/8/2015 9:03	0	0.0423	
12/8/2015 9:02	0		
12/8/2015 9:01	0	0.0421	
12/8/2015 9:00	0	0.0421	
12/8/2015 8:59	0	0.042	
12/8/2015 8:58	0	0.0419	
12/8/2015 8:57	0	0.0419	
12/8/2015 8:56	0	0.0382	
12/8/2015 8:55	0	0.0382	
12/8/2015 8:54	0	0.038	
12/8/2015 8:53	0	0.0379	
12/8/2015 8:52	0	0.0379	
12/8/2015 8:51	0	0.0377	
12/8/2015 8:50	0	0.0375	
12/8/2015 8:49	0	0.0374	
12/8/2015 8:48	0	0.0372	
12/8/2015 8:47	0	0.0371	
12/8/2015 8:46	0	0.037	
12/8/2015 8:45	0	0.0368	
12/8/2015 8:44	0	0.0368	
12/8/2015 8:43	0	0.0367	
12/8/2015 8:42	0	0.0366	
12/8/2015 8:41	0	0.0364	
12/8/2015 8:40	0	0.0363	
12/8/2015 8:39	0	0.0362	
12/8/2015 8:38	0	0.0362	
12/8/2015 8:37	0	0.0363	
12/8/2015 8:36	0	0.0364	
12/8/2015 8:35	0	0.0366	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/8/2015 8:34	0	0.0371	
12/8/2015 8:33	0	0.0375	
12/8/2015 8:32	0	0.0379	
12/8/2015 8:31	0	0.0381	
12/8/2015 8:30	0	0.0388	
12/8/2015 8:29	0	0.0429	
12/8/2015 8:28	0	0.0429	
12/8/2015 8:27	0	0.0431	
12/8/2015 8:26	0	0.0433	
12/8/2015 8:25	0	0.0443	
12/8/2015 8:24	0	0.045	
12/8/2015 8:23	0	0.0456	
12/8/2015 8:22	0	0.0462	
12/8/2015 8:21	0	0.0469	
12/8/2015 8:20	0	0.0476	
12/8/2015 8:19	0	0.048	
12/8/2015 8:18	0	0.0486	
12/8/2015 8:17	0	0.0493	
12/8/2015 8:16	0	0.0504	
12/8/2015 8:15	0	0.0513	
12/8/2015 8:14	0	0.0422	
12/8/2015 8:13	0	0.0432	
12/8/2015 8:12	0	0.0447	
12/8/2015 8:11	0	0.048	
12/8/2015 8:10	0	0.047	
12/7/2015 16:18	0.051	0.0466	
12/7/2015 16:17	0.049	0.0464	
12/7/2015 16:16	0.049	0.0462	
12/7/2015 16:15	0.049	0.0461	
12/7/2015 16:14	0.049	0.0459	
12/7/2015 16:13	0.049	0.0459	
12/7/2015 16:12	0.048	0.0457	
12/7/2015 16:11	0.047	0.0455	
12/7/2015 16:10	0.047	0.0455	
12/7/2015 16:09	0.047	0.0454	
12/7/2015 16:08	0.046	0.0453	
12/7/2015 16:07	0.046	0.0452	
12/7/2015 16:06	0.046	0.0451	
12/7/2015 16:05	0.046	0.0449	
12/7/2015 16:04	0.046	0.0448	
12/7/2015 16:03	0.046	0.0444	
12/7/2015 16:02	0.046	0.0443	
12/7/2015 16:01	0.046	0.0443	
12/7/2015 16:00	0.046	0.0443	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 15:59	0.046	0.0442	
12/7/2015 15:58	0.046	0.0441	
12/7/2015 15:57	0.045	0.0441	
12/7/2015 15:56	0.045	0.0441	
12/7/2015 15:55	0.045	0.0439	
12/7/2015 15:54	0.043	0.0438	
12/7/2015 15:53	0.043	0.0437	
12/7/2015 15:52	0.043	0.0435	
12/7/2015 15:51	0.043	0.0434	
12/7/2015 15:50	0.041	0.0433	
12/7/2015 15:49	0.041	0.0432	
12/7/2015 15:48	0.041	0.043	
12/7/2015 15:47	0.041	0.0428	
12/7/2015 15:46	0.041	0.0426	
12/7/2015 15:45	0.041	0.0424	
12/7/2015 15:44	0.041	0.0423	
12/7/2015 15:43	0.041	0.042	
12/7/2015 15:42	0.041	0.0419	
12/7/2015 15:41	0.041	0.0416	
12/7/2015 15:40	0.041	0.0414	
12/7/2015 15:39	0.041	0.0411	
12/7/2015 15:38	0.041	0.041	
12/7/2015 15:37	0.041	0.0413	
12/7/2015 15:36	0.041	0.0411	
12/7/2015 15:35	0.041	0.0407	
12/7/2015 15:34	0.041	0.0405	
12/7/2015 15:33	0.041	0.0403	
12/7/2015 15:32	0.041	0.0401	
12/7/2015 15:31	0.041	0.0398	
12/7/2015 15:30	0.041	0.0395	
12/7/2015 15:29	0.041	0.0392	
12/7/2015 15:28	0.041	0.0389	
12/7/2015 15:27	0.041	0.0387	
12/7/2015 15:26	0.041	0.0384	
12/7/2015 15:25	0.041	0.0381	
12/7/2015 15:24	0.041	0.0377	
12/7/2015 15:23	0.041	0.0373	
12/7/2015 15:22	0.043	0.0365	
12/7/2015 15:21	0.043	0.0361	
12/7/2015 15:20	0.043	0.0359	
12/7/2015 15:19	0.043	0.0355	
12/7/2015 15:18	0.043	0.0352	
12/7/2015 15:17	0.043	0.035	
12/7/2015 15:16	0.043	0.0347	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 15:15	0.043	0.0345	
12/7/2015 15:14	0.044	0.0347	
12/7/2015 15:13	0.044	0.0347	
12/7/2015 15:12	0.044	0.0349	
12/7/2015 15:11	0.044	0.0347	
12/7/2015 15:10	0.044	0.0346	
12/7/2015 15:09	0.044	0.0345	
12/7/2015 15:08	0.045	0.0345	
12/7/2015 15:07	0.047	0.0344	
12/7/2015 15:06	0.047	0.0343	
12/7/2015 15:05	0.047	0.0373	
12/7/2015 15:04	0.048	0.0373	
12/7/2015 15:03	0.048	0.0371	
12/7/2015 15:02	0.048	0.0369	
12/7/2015 15:01	0.049	0.0369	
12/7/2015 15:00	0.049	0.0367	
12/7/2015 14:59	0.049	0.0362	
12/7/2015 14:58	0.05	0.036	
12/7/2015 14:57	0.052	0.0353	
12/7/2015 14:56	0.052	0.0351	
12/7/2015 14:55	0.053	0.0349	
12/7/2015 14:54	0.053	0.0347	
12/7/2015 14:53	0.054	0.0343	
12/7/2015 14:52	0.055	0.0341	
12/7/2015 14:51	0.055	0.0339	
12/7/2015 14:50	0.057	0.0305	
12/7/2015 14:49	0.059	0.0303	
12/7/2015 14:48	0.059	0.0302	
12/7/2015 14:47	0.061	0.0301	
12/7/2015 14:46	0.061	0.0299	
12/7/2015 14:45	0.063	0.0298	
12/7/2015 14:44	0.065	0.0298	
12/7/2015 14:43	0.066	0.0298	
12/7/2015 14:42	0.066	0.0299	
12/7/2015 14:41	0.066	0.0301	
12/7/2015 14:40	0.066	0.0305	
12/7/2015 14:39	0.068	0.0311	
12/7/2015 14:38	0.069	0.0315	
12/7/2015 14:37	0.07	0.0317	
12/7/2015 14:36	0.071	0.0321	
12/7/2015 14:35	0.071	0.0325	
12/7/2015 14:34	0.071	0.0329	
12/7/2015 14:33	0.071	0.0332	
12/7/2015 14:32	0.071	0.0335	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 14:31	0.071	0.0338	
12/7/2015 14:30	0.071	0.0341	
12/7/2015 14:29	0.071	0.0343	
12/7/2015 14:28	0.071	0.0365	
12/7/2015 14:27	0.072	0.0367	
12/7/2015 14:26	0.072	0.0367	
12/7/2015 14:25	0.072	0.0366	
12/7/2015 14:24	0.072	0.0363	
12/7/2015 14:23	0.072	0.0363	
12/7/2015 14:22	0.072	0.0365	
12/7/2015 14:21	0.072	0.0366	
12/7/2015 14:20	0.072	0.0365	
12/7/2015 14:19	0.072	0.0365	
12/7/2015 14:18	0.072	0.0366	
12/7/2015 14:17	0.072	0.0384	
12/7/2015 14:16	0.072	0.0385	
12/7/2015 14:15	0.072	0.0396	
12/7/2015 14:14	0.074	0.0413	
12/7/2015 14:13	0.074	0.0401	
12/7/2015 14:12	0.074	0.0439	
12/7/2015 14:11	0.074	0.0439	
12/7/2015 14:10	0.074	0.0439	
12/7/2015 14:09	0.076	0.0438	
12/7/2015 14:08	0.077	0.0438	
12/7/2015 14:07	0.077	0.0437	
12/7/2015 14:06	0.077	0.0436	
12/7/2015 14:05	0.077	0.0436	
12/7/2015 14:04	0.078	0.0435	
12/7/2015 14:03	0.078	0.0435	
12/7/2015 14:02	0.078	0.0417	
12/7/2015 14:01	0.078	0.0416	
12/7/2015 14:00	0.08	0.0405	
12/7/2015 13:59	0.08	0.0387	
12/7/2015 13:58	0.08	0.038	
12/7/2015 13:57	0.082	0.0341	
12/7/2015 13:56	0.082	0.0343	
12/7/2015 13:55	0.083	0.0342	
12/7/2015 13:54	0.084	0.0342	
12/7/2015 13:53	0.084	0.0342	
12/7/2015 13:52	0.084	0.0341	
12/7/2015 13:51	0.084	0.0342	
12/7/2015 13:50	0.084	0.0341	
12/7/2015 13:49	0.085	0.0342	
12/7/2015 13:48	0.086	0.0341	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 13:47	0.086	0.0339	
12/7/2015 13:46	0.086	0.0339	
12/7/2015 13:45	0.086	0.0351	
12/7/2015 13:44	0.086	0.035	
12/7/2015 13:43	0.086	0.0349	
12/7/2015 13:42	0.086	0.035	
12/7/2015 13:41	0.086	0.0353	
12/7/2015 13:40	0.089	0.0355	
12/7/2015 13:39	0.089	0.0355	
12/7/2015 13:38	0.09	0.0356	
12/7/2015 13:37	0.093	0.0358	
12/7/2015 13:36	0.093	0.0361	
12/7/2015 13:35	0.095	0.0361	
12/7/2015 13:34	0.095	0.0361	
12/7/2015 13:33	0.096	0.0362	
12/7/2015 13:32	0.097	0.0365	
12/7/2015 13:31	0.097	0.0365	
12/7/2015 13:30	0.097	0.0353	
12/7/2015 13:29	0.097	0.0354	
12/7/2015 13:28	0.1	0.0354	
12/7/2015 13:27	0.101	0.0353	
12/7/2015 13:26	0.101	0.0348	
12/7/2015 13:25	0.102	0.0347	
12/7/2015 13:22	0.102	0.0347	
12/7/2015 13:21	0.102	0.0343	
12/7/2015 13:20	0.102	0.0343	
12/7/2015 13:19	0.102	0.0343	
12/7/2015 13:18	0.102	0.0343	
12/7/2015 13:17	0.105	0.0343	
12/7/2015 13:16	0.106	0.0343	
12/7/2015 13:15	0.106	0.0344	
12/7/2015 13:14	0.106	0.0344	
12/7/2015 13:13	0.106	0.0345	
12/7/2015 13:12	0.106	0.0345	
12/7/2015 13:11	0.108	0.0346	
12/7/2015 13:10	0.109	0.0355	
12/7/2015 13:09	0.11	0.0357	
12/7/2015 13:08	0.11	0.0357	
12/7/2015 13:07	0.111	0.0357	
12/7/2015 13:06	0.113	0.0358	
12/7/2015 13:05	0.114	0.0359	
12/7/2015 13:04	0.114	0.0361	
12/7/2015 13:03	0.114	0.0362	
12/7/2015 13:02	0.115	0.0362	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 13:01	0.116	0.0363	
12/7/2015 13:00	0.117	0.0363	
12/7/2015 12:59	0.118	0.0365	
12/7/2015 12:58	0.119	0.0366	
12/7/2015 12:57	0.119	0.0369	
12/7/2015 12:56	0.122	0.0378	
12/7/2015 12:55	0.123	0.0373	
12/7/2015 12:54	0.123	0.0375	
12/7/2015 12:53	0.124	0.0378	
12/7/2015 12:52	0.126	0.0381	
12/7/2015 12:51	0.127	0.0384	
12/7/2015 12:50	0.127	0.0391	
12/7/2015 12:49	0.127	0.0394	
12/7/2015 12:48	0.129	0.0395	
12/7/2015 12:47	0.129	0.0397	
12/7/2015 12:46	0.129	0.0398	
12/7/2015 12:45	0.129	0.0399	
12/7/2015 12:44	0.129	0.0401	
12/7/2015 12:43	0.129	0.0401	
12/7/2015 12:42	0.131	0.0417	
12/7/2015 12:41	0.132	0.0411	
12/7/2015 12:40	0.132	0.041	
12/7/2015 12:39	0.132	0.041	
12/7/2015 12:38	0.132	0.041	
12/7/2015 12:37	0.132	0.0409	
12/7/2015 12:36	0.132	0.0409	
12/7/2015 12:35	0.132	0.0405	
12/7/2015 12:34	0.134	0.0404	
12/7/2015 12:33	0.137	0.041	
12/7/2015 12:32	0.138	0.0411	
12/7/2015 12:31	0.138	0.0423	
12/7/2015 12:30	0.138	0.0427	
12/7/2015 12:29	0.138	0.0429	
12/7/2015 12:28	0.142	0.0431	
12/7/2015 12:27	0.143	0.042	
12/7/2015 12:26	0.143	0.0422	
12/7/2015 12:25	0.143	0.0451	
12/7/2015 12:24	0.144	0.0453	
12/7/2015 12:23	0.144	0.0453	
12/7/2015 12:22	0.144	0.0453	
12/7/2015 12:21	0.144	0.0451	
12/7/2015 12:20	0.144	0.045	
12/7/2015 12:19	0.148	0.045	
12/7/2015 12:18	0.149	0.0444	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 12:17	0.149	0.0443	
12/7/2015 12:16	0.149	0.043	
12/7/2015 12:15	0.149	0.0426	
12/7/2015 12:14	0.149	0.0425	
12/7/2015 12:13	0.149	0.0423	
12/7/2015 12:12	0.149	0.0417	
12/7/2015 12:11	0.149	0.0423	
12/7/2015 12:10	0.149	0.0392	
12/7/2015 12:09	0.149	0.0389	
12/7/2015 12:08	0.149	0.039	
12/7/2015 12:07	0.15	0.039	
12/7/2015 12:06	0.149	0.039	
12/7/2015 12:05	0.149	0.0389	
12/7/2015 12:04	0.149	0.0389	
12/7/2015 12:03	0.149	0.0397	
12/7/2015 12:02	0.149	0.0397	
12/7/2015 12:01	0.149	0.0397	
12/7/2015 12:00	0.149	0.0397	
12/7/2015 11:59	0.149	0.0396	
12/7/2015 11:58	0.149	0.0413	
12/7/2015 11:57	0.149	0.0412	
12/7/2015 11:56	0.149	0.0403	
12/7/2015 11:55	0.149	0.0408	
12/7/2015 11:54	0.149	0.0409	
12/7/2015 11:53	0.149	0.041	
12/7/2015 11:52	0.149	0.0409	
12/7/2015 11:51	0.15	0.0412	
12/7/2015 11:50	0.151	0.0412	
12/7/2015 11:49	0.151	0.0418	
12/7/2015 11:48	0.151	0.0413	
12/7/2015 11:47	0.151	0.0412	
12/7/2015 11:46	0.152	0.0413	
12/7/2015 11:45	0.152	0.0412	
12/7/2015 11:44	0.153	0.041	
12/7/2015 11:43	0.154	0.0393	
12/7/2015 11:42	0.155	0.0395	
12/7/2015 11:41	0.155	0.0406	
12/7/2015 11:40	0.155	0.0402	
12/7/2015 11:39	0.155	0.0411	
12/7/2015 11:38	0.155	0.0407	
12/7/2015 11:37	0.156	0.0407	
12/7/2015 11:36	0.156	0.0403	
12/7/2015 11:35	0.156	0.0402	
12/7/2015 11:34	0.156	0.0394	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 11:33	0.156	0.0389	
12/7/2015 11:32	0.156	0.0398	
12/7/2015 11:31	0.156	0.0396	
12/7/2015 11:30	0.156	0.0399	
12/7/2015 11:29	0.155	0.0399	
12/7/2015 11:28	0.154	0.04	
12/7/2015 11:27	0.154	0.04	
12/7/2015 11:26	0.152	0.0391	
12/7/2015 11:25	0.152	0.0394	
12/7/2015 11:24	0.147	0.0387	
12/7/2015 11:23	0.147	0.0391	
12/7/2015 11:22	0.147	0.0393	
12/7/2015 11:21	0.147	0.0396	
12/7/2015 11:20	0.147	0.0399	
12/7/2015 11:19	0.147	0.0402	
12/7/2015 11:18	0.147	0.0405	
12/7/2015 11:17	0.143	0.0402	
12/7/2015 11:16	0.143	0.0405	
12/7/2015 11:15	0.143	0.0405	
12/7/2015 11:14	0.143	0.0407	
12/7/2015 11:13	0.143	0.0409	
12/7/2015 11:12	0.138	0.0408	
12/7/2015 11:11	0.137	0.0406	
12/7/2015 11:10	0.137	0.0401	
12/7/2015 11:09	0.137	0.0397	
12/7/2015 11:08	0.137	0.0404	
12/7/2015 11:07	0.137	0.0401	
12/7/2015 11:06	0.137	0.0399	
12/7/2015 11:05	0.136	0.0399	
12/7/2015 11:04	0.136	0.0395	
12/7/2015 11:03	0.136	0.039	
12/7/2015 11:02	0.134	0.0384	
12/7/2015 11:01	0.134	0.038	
12/7/2015 11:00	0.134	0.0382	
12/7/2015 10:59	0.134	0.0377	
12/7/2015 10:58	0.131	0.0374	
12/7/2015 10:57	0.13	0.0373	
12/7/2015 10:56	0.13	0.0377	
12/7/2015 10:55	0.13	0.0375	
12/7/2015 10:54	0.13	0.0379	
12/7/2015 10:53	0.13	0.0364	
12/7/2015 10:52	0.13	0.0362	
12/7/2015 10:51	0.13	0.0358	
12/7/2015 10:50	0.129	0.0361	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 10:49	0.129	0.0369	
12/7/2015 10:48	0.125	0.0366	
12/7/2015 10:47	0.125	0.0365	
12/7/2015 10:46	0.125	0.0366	
12/7/2015 10:45	0.123	0.0358	
12/7/2015 10:44	0.123	0.0357	
12/7/2015 10:43	0.123		
12/7/2015 10:42	0.123	0.036	
12/7/2015 10:41	0.123	0.0365	
12/7/2015 10:40	0.121	0.0374	
12/7/2015 10:39	0.121	0.0368	
12/7/2015 10:38	0.121	0.0367	
12/7/2015 10:37	0.121	0.0365	
12/7/2015 10:36	0.121	0.0364	
12/7/2015 10:35	0.121	0.0355	
12/7/2015 10:34	0.121	0.0351	
12/7/2015 10:33	0.121	0.0353	
12/7/2015 10:32	0.12	0.0357	
12/7/2015 10:31	0.12	0.0362	
12/7/2015 10:30	0.117	0.0364	
12/7/2015 10:29	0.117	0.0363	
12/7/2015 10:28	0.117	0.0359	
12/7/2015 10:27	0.117	0.0353	
12/7/2015 10:26	0.117	0.0338	
12/7/2015 10:25	0.117	0.0329	
12/7/2015 10:24	0.117	0.0333	
12/7/2015 10:23	0.117	0.0338	
12/7/2015 10:22	0.116	0.0345	
12/7/2015 10:21	0.116	0.035	
12/7/2015 10:20	0.116	0.0351	
12/7/2015 10:19	0.116	0.0345	
12/7/2015 10:18	0.114	0.0341	
12/7/2015 10:17	0.114	0.0337	
12/7/2015 10:16	0.112	0.0331	
12/7/2015 10:15	0.111	0.0329	
12/7/2015 10:14	0.111	0.0331	
12/7/2015 10:13	0.106	0.0332	
12/7/2015 10:12	0.106	0.0331	
12/7/2015 10:11	0.106	0.0331	
12/7/2015 10:10	0.106	0.0331	
12/7/2015 10:09	0.106	0.0325	
12/7/2015 10:08	0.102	0.0319	
12/7/2015 10:07	0.102	0.0313	
12/7/2015 10:06	0.1	0.0309	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 10:05	0.1	0.0308	
12/7/2015 10:04	0.1	0.0309	
12/7/2015 10:03	0.1	0.0311	
12/7/2015 10:02	0.1	0.0309	
12/7/2015 10:01	0.1	0.0307	
12/7/2015 10:00	0.1	0.0307	
12/7/2015 9:59	0.099	0.0305	
12/7/2015 9:58	0.098	0.0306	
12/7/2015 9:57	0.098	0.0308	
12/7/2015 9:56	0.098	0.0311	
12/7/2015 9:55	0.096	0.031	
12/7/2015 9:54	0.096	0.0312	
12/7/2015 9:53	0.095	0.0313	
12/7/2015 9:52	0.095	0.0313	
12/7/2015 9:51	0.095	0.0313	
12/7/2015 9:50	0.095	0.0316	
12/7/2015 9:49	0.093	0.0315	
12/7/2015 9:48	0.093	0.0313	
12/7/2015 9:47	0.093	0.0313	
12/7/2015 9:46	0.093	0.0313	
12/7/2015 9:45	0.093	0.0311	
12/7/2015 9:44	0.092	0.0309	
12/7/2015 9:43	0.091	0.0307	
12/7/2015 9:42	0.09	0.0305	
12/7/2015 9:41	0.09	0.0302	
12/7/2015 9:40	0.09	0.0303	
12/7/2015 9:39	0.089	0.0301	
12/7/2015 9:38	0.089	0.03	
12/7/2015 9:37	0.089	0.0299	
12/7/2015 9:36	0.087	0.0301	
12/7/2015 9:35	0.086	0.0302	
12/7/2015 9:34	0.086	0.0305	
12/7/2015 9:33	0.086	0.0309	
12/7/2015 9:32	0.085	0.0313	
12/7/2015 9:31	0.084	0.0319	
12/7/2015 9:30	0.083	0.0322	
12/7/2015 9:29	0.083	0.0324	
12/7/2015 9:28	0.081	0.0326	
12/7/2015 9:27	0.081	0.0329	
12/7/2015 9:26	0.081	0.0332	
12/7/2015 9:25	0.081	0.0337	
12/7/2015 9:24	0.079	0.0337	
12/7/2015 9:23	0.077	0.0337	
12/7/2015 9:22	0.077	0.0339	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 9:21	0.076	0.034	
12/7/2015 9:20	0.076	0.0345	
12/7/2015 9:19	0.073	0.0351	
12/7/2015 9:18	0.071	0.0348	
12/7/2015 9:17	0.071	0.0345	
12/7/2015 9:16	0.07	0.0341	
12/7/2015 9:15	0.068	0.0339	
12/7/2015 9:14	0.067	0.0339	
12/7/2015 9:13	0.064	0.0338	
12/7/2015 9:12	0.064	0.0335	
12/7/2015 9:11	0.063	0.0331	
12/7/2015 9:10	0.063	0.0327	
12/7/2015 9:09	0.061	0.0327	
12/7/2015 9:08	0.061	0.0331	
12/7/2015 9:07	0.059	0.0329	
12/7/2015 9:06	0.058	0.0325	
12/7/2015 9:05	0.057	0.0316	
12/7/2015 9:04	0.053	0.031	
12/7/2015 9:03	0.053	0.0313	
12/7/2015 9:02	0.05	0.0313	
12/7/2015 9:01	0.05	0.0312	
12/7/2015 9:00	0.046	0.0311	
12/7/2015 8:59	0.045	0.0313	
12/7/2015 8:58	0.044	0.0314	
12/7/2015 8:57	0.042	0.0315	
12/7/2015 8:56	0.039	0.0319	
12/7/2015 8:55	0.037	0.0318	
12/7/2015 8:54	0.036	0.0316	
12/7/2015 8:53	0.033	0.0311	
12/7/2015 8:52	0.031	0.0309	
12/7/2015 8:51	0.028	0.0309	
12/7/2015 8:50	0.028	0.0308	
12/7/2015 8:49	0.025	0.0303	
12/7/2015 8:48	0.024	0.0297	
12/7/2015 8:47	0.023	0.0295	
12/7/2015 8:46	0.022	0.0294	
12/7/2015 8:45	0.021	0.0292	
12/7/2015 8:44	0.017	0.0288	
12/7/2015 8:43	0.016	0.0285	
12/7/2015 8:42	0.014	0.0288	
12/7/2015 8:41	0.011	0.0285	
12/7/2015 8:40	0.009	0.0287	
12/7/2015 8:39	0.007	0.0289	
12/7/2015 8:38	0.007	0.0292	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 8:37	0.005	0.0291	
12/7/2015 8:36	0.003	0.0293	
12/7/2015 8:35	0.002	0.0316	
12/7/2015 8:34	0.002	0.0332	
12/7/2015 8:33	0	0.0332	
12/7/2015 8:32	0	0.0331	
12/7/2015 8:31	0	0.0337	
12/7/2015 8:30	0	0.0339	
12/7/2015 8:29	0	0.034	
12/7/2015 8:28	0	0.034	
12/7/2015 8:27	0	0.0339	
12/7/2015 8:26	0	0.0339	
12/7/2015 8:25	0	0.0338	
12/7/2015 8:24	0	0.0338	
12/7/2015 8:23	0	0.0338	
12/7/2015 8:22	0	0.0341	
12/7/2015 8:21	0	0.034	
12/7/2015 8:20	0	0.0319	
12/7/2015 8:19	0	0.0305	
12/7/2015 8:18	0	0.0311	
12/7/2015 8:17	0	0.0312	
12/7/2015 8:16	0	0.0307	
12/7/2015 8:15	0	0.0307	
12/7/2015 8:14	0	0.0307	
12/7/2015 8:13	0	0.0311	
12/7/2015 8:12	0	0.0308	
12/7/2015 8:11	0	0.0307	
12/7/2015 8:10	0	0.0308	
12/7/2015 8:09	0	0.0306	
12/7/2015 8:08	0	0.0307	
12/7/2015 8:07	0	0.0305	
12/7/2015 8:06	0	0.0303	
12/7/2015 8:05	0	0.0299	
12/7/2015 8:04	0	0.0298	
12/7/2015 8:03	0	0.0293	
12/7/2015 8:02	0	0.0291	
12/7/2015 8:01	0	0.0289	
12/7/2015 8:00	0	0.0287	
12/7/2015 7:59	0	0.0285	
12/7/2015 7:58	0	0.0282	
12/7/2015 7:57	0	0.0261	
12/7/2015 7:56	0	0.0242	
12/7/2015 7:55	0	0.0221	
12/7/2015 7:54	0	0.0202	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/7/2015 7:53	0	0.0179	
12/7/2015 7:52	0	0.0161	
12/7/2015 7:51	0	0.0144	
12/7/2015 7:50	0	0.0126	
12/7/2015 7:49	0	0.0115	
12/7/2015 7:48	0	0.0103	
12/7/2015 7:47	0	0.0089	
12/7/2015 7:46	0	0.0074	
12/7/2015 7:45	0	0.0055	
12/7/2015 7:44	0	0.0031	
12/7/2015 7:43	0	0	
12/7/2015 7:42		0	
12/7/2015 7:41		0	
12/7/2015 7:40		0	
12/7/2015 7:39		0	
12/7/2015 7:38		0	
12/7/2015 7:37		0	
12/7/2015 7:36		0	
12/5/2015 13:39	0.074	0.0295	
12/5/2015 13:38	0.074	0.0295	
12/5/2015 13:37	0.074	0.0294	
12/5/2015 13:36	0.074	0.0293	
12/5/2015 13:35	0.074	0.0291	
12/5/2015 13:34	0.074	0.0291	
12/5/2015 13:33	0.074	0.0288	
12/5/2015 13:32	0.074	0.0279	
12/5/2015 13:31	0.074	0.0278	
12/5/2015 13:30	0.074	0.0276	
12/5/2015 13:29	0.074	0.0274	
12/5/2015 13:28	0.074	0.0269	
12/5/2015 13:27	0.074	0.0268	
12/5/2015 13:26	0.074	0.0265	
12/5/2015 13:25	0.074	0.0266	
12/5/2015 13:24	0.075	0.0266	
12/5/2015 13:23	0.075	0.0265	
12/5/2015 13:22	0.075	0.0265	
12/5/2015 13:21	0.075	0.0265	
12/5/2015 13:20	0.075	0.0267	
12/5/2015 13:19	0.075	0.0267	
12/5/2015 13:18	0.076	0.0268	
12/5/2015 13:17	0.076	0.0267	
12/5/2015 13:16	0.076	0.0267	
12/5/2015 13:15	0.076	0.0267	
12/5/2015 13:14	0.076	0.0267	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 13:13	0.077	0.0267	
12/5/2015 13:12	0.078	0.0268	
12/5/2015 13:11	0.078	0.0273	
12/5/2015 13:10	0.079	0.0293	
12/5/2015 13:09	0.079	0.0295	
12/5/2015 13:08	0.079	0.0296	
12/5/2015 13:07	0.079	0.0297	
12/5/2015 13:06	0.079	0.0297	
12/5/2015 13:05	0.079	0.0295	
12/5/2015 13:04	0.079	0.0297	
12/5/2015 13:03	0.079	0.0297	
12/5/2015 13:02	0.08	0.0299	
12/5/2015 13:01	0.08	0.0302	
12/5/2015 13:00	0.081	0.0303	
12/5/2015 12:59	0.081	0.0303	
12/5/2015 12:58	0.08	0.0306	
12/5/2015 12:57	0.08	0.0306	
12/5/2015 12:56	0.08	0.0301	
12/5/2015 12:55	0.08	0.0281	
12/5/2015 12:54	0.08	0.0281	
12/5/2015 12:53	0.08	0.0281	
12/5/2015 12:52	0.08	0.0284	
12/5/2015 12:51	0.08	0.0284	
12/5/2015 12:50	0.08	0.0288	
12/5/2015 12:49	0.08	0.0286	
12/5/2015 12:48	0.08	0.0286	
12/5/2015 12:47	0.08	0.0284	
12/5/2015 12:46	0.08	0.0283	
12/5/2015 12:45	0.08	0.0283	
12/5/2015 12:44	0.08		
12/5/2015 12:43	0.08	0.0283	
12/5/2015 12:42	0.08	0.0285	
12/5/2015 12:41	0.08	0.0285	
12/5/2015 12:40	0.08	0.0285	
12/5/2015 12:39	0.08	0.0285	
12/5/2015 12:38	0.08	0.0285	
12/5/2015 12:37	0.08	0.0285	
12/5/2015 12:36	0.081	0.0285	
12/5/2015 12:35	0.08	0.0283	
12/5/2015 12:34	0.08	0.0284	
12/5/2015 12:33	0.08	0.0285	
12/5/2015 12:32	0.08	0.0285	
12/5/2015 12:31	0.079	0.0286	
12/5/2015 12:30	0.079	0.0286	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 12:29	0.079	0.0295	
12/5/2015 12:28	0.079	0.0295	
12/5/2015 12:27	0.079	0.0295	
12/5/2015 12:26	0.079	0.0296	
12/5/2015 12:25	0.079	0.0296	
12/5/2015 12:24	0.079	0.0297	
12/5/2015 12:23	0.079	0.0298	
12/5/2015 12:22	0.079	0.0298	
12/5/2015 12:21	0.079	0.0299	
12/5/2015 12:20	0.079	0.0299	
12/5/2015 12:19	0.079	0.0301	
12/5/2015 12:18	0.079	0.0303	
12/5/2015 12:17	0.079	0.0308	
12/5/2015 12:16	0.079	0.0309	
12/5/2015 12:15	0.079	0.0319	
12/5/2015 12:14	0.079	0.0311	
12/5/2015 12:13	0.079	0.0311	
12/5/2015 12:12	0.079	0.0311	
12/5/2015 12:11	0.079	0.0311	
12/5/2015 12:10	0.079	0.0312	
12/5/2015 12:09	0.079	0.0312	
12/5/2015 12:08	0.079	0.0313	
12/5/2015 12:07	0.079	0.0315	
12/5/2015 12:06	0.079	0.0318	
12/5/2015 12:05	0.079	0.0319	
12/5/2015 12:04	0.078	0.0319	
12/5/2015 12:03	0.078	0.0319	
12/5/2015 12:02	0.077	0.0315	
12/5/2015 12:01	0.077	0.0316	
12/5/2015 12:00	0.077	0.0307	
12/5/2015 11:59	0.077	0.0313	
12/5/2015 11:58	0.077	0.0321	
12/5/2015 11:57	0.076	0.0321	
12/5/2015 11:56	0.076	0.0321	
12/5/2015 11:55	0.075	0.0322	
12/5/2015 11:54	0.075	0.0323	
12/5/2015 11:53	0.075	0.0323	
12/5/2015 11:52	0.075	0.0321	
12/5/2015 11:51	0.075	0.0319	
12/5/2015 11:50	0.074	0.0337	
12/5/2015 11:49	0.074	0.0337	
12/5/2015 11:48	0.071	0.0337	
12/5/2015 11:47	0.071	0.0336	
12/5/2015 11:46	0.071	0.0336	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 11:45	0.071	0.0336	
12/5/2015 11:44	0.071	0.0331	
12/5/2015 11:43	0.071	0.0324	
12/5/2015 11:42	0.071	0.0324	
12/5/2015 11:41	0.071	0.0325	
12/5/2015 11:40	0.071	0.0324	
12/5/2015 11:39	0.071	0.0322	
12/5/2015 11:38	0.071	0.0321	
12/5/2015 11:37	0.071	0.0321	
12/5/2015 11:36	0.071	0.0321	
12/5/2015 11:35	0.071	0.0303	
12/5/2015 11:34	0.07	0.0304	
12/5/2015 11:33	0.07	0.0305	
12/5/2015 11:32	0.07	0.0306	
12/5/2015 11:31	0.07	0.0307	
12/5/2015 11:30	0.07	0.0307	
12/5/2015 11:29	0.07	0.0312	
12/5/2015 11:28	0.07	0.0327	
12/5/2015 11:27	0.07	0.0329	
12/5/2015 11:26	0.07	0.0329	
12/5/2015 11:25	0.068	0.0331	
12/5/2015 11:24	0.068	0.0333	
12/5/2015 11:23	0.068	0.0334	
12/5/2015 11:22	0.066	0.0338	
12/5/2015 11:21	0.065	0.0339	
12/5/2015 11:20	0.065	0.0339	
12/5/2015 11:19	0.065	0.0341	
12/5/2015 11:18	0.065	0.0341	
12/5/2015 11:17	0.065	0.0341	
12/5/2015 11:16	0.065	0.0342	
12/5/2015 11:15	0.065	0.0343	
12/5/2015 11:14	0.065	0.034	
12/5/2015 11:13	0.065	0.0327	
12/5/2015 11:12	0.065	0.0327	
12/5/2015 11:11	0.065	0.0327	
12/5/2015 11:10	0.065	0.0329	
12/5/2015 11:09	0.065	0.033	
12/5/2015 11:08	0.065	0.0332	
12/5/2015 11:07	0.063	0.0331	
12/5/2015 11:06	0.063	0.0331	
12/5/2015 11:05	0.063	0.0332	
12/5/2015 11:04	0.062	0.0332	
12/5/2015 11:03	0.062	0.0333	
12/5/2015 11:02	0.062	0.0335	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 11:01	0.062	0.0337	
12/5/2015 11:00	0.062	0.0342	
12/5/2015 10:59	0.062	0.0365	
12/5/2015 10:58	0.062	0.0367	
12/5/2015 10:57	0.062	0.0367	
12/5/2015 10:56	0.062	0.0369	
12/5/2015 10:55	0.061	0.037	
12/5/2015 10:54	0.059	0.0371	
12/5/2015 10:53	0.059	0.0371	
12/5/2015 10:52	0.059	0.0373	
12/5/2015 10:51	0.059	0.0375	
12/5/2015 10:50	0.059	0.0375	
12/5/2015 10:49	0.059	0.0377	
12/5/2015 10:48	0.059	0.0378	
12/5/2015 10:47	0.059	0.0378	
12/5/2015 10:46	0.059	0.0376	
12/5/2015 10:45	0.059	0.0372	
12/5/2015 10:44	0.059	0.035	
12/5/2015 10:43	0.059	0.0351	
12/5/2015 10:42	0.059	0.0352	
12/5/2015 10:41	0.059	0.0352	
12/5/2015 10:40	0.059	0.0353	
12/5/2015 10:39	0.059	0.0353	
12/5/2015 10:38	0.057	0.0353	
12/5/2015 10:37	0.057	0.0353	
12/5/2015 10:36	0.055	0.0353	
12/5/2015 10:35	0.055	0.0354	
12/5/2015 10:34	0.055	0.0359	
12/5/2015 10:33	0.055	0.0359	
12/5/2015 10:32	0.055	0.036	
12/5/2015 10:31	0.055	0.0362	
12/5/2015 10:30	0.054	0.0363	
12/5/2015 10:29	0.054	0.0364	
12/5/2015 10:28	0.053	0.0363	
12/5/2015 10:27	0.053	0.0363	
12/5/2015 10:26	0.052	0.0363	
12/5/2015 10:25	0.052	0.0362	
12/5/2015 10:24	0.05	0.0362	
12/5/2015 10:23	0.05	0.0362	
12/5/2015 10:22	0.05	0.0363	
12/5/2015 10:21	0.05	0.0362	
12/5/2015 10:20	0.049	0.0362	
12/5/2015 10:19	0.048	0.0357	
12/5/2015 10:18	0.048	0.0357	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 10:17	0.046	0.0357	
12/5/2015 10:16	0.046	0.0357	
12/5/2015 10:15	0.045	0.0357	
12/5/2015 10:14	0.044	0.0357	
12/5/2015 10:13	0.044	0.036	
12/5/2015 10:12	0.043	0.0361	
12/5/2015 10:11	0.043	0.0361	
12/5/2015 10:10	0.043	0.0362	
12/5/2015 10:09	0.043	0.0362	
12/5/2015 10:08	0.042	0.0361	
12/5/2015 10:07	0.042	0.0361	
12/5/2015 10:06	0.042	0.036	
12/5/2015 10:05	0.042	0.0359	
12/5/2015 10:04	0.042	0.0359	
12/5/2015 10:03	0.041	0.0358	
12/5/2015 10:02	0.04	0.0358	
12/5/2015 10:01	0.04	0.0357	
12/5/2015 10:00	0.04	0.0355	
12/5/2015 9:59	0.038	0.0357	
12/5/2015 9:58	0.038	0.0362	
12/5/2015 9:57	0.038	0.0361	
12/5/2015 9:56	0.037	0.0363	
12/5/2015 9:55	0.037	0.0363	
12/5/2015 9:54	0.037	0.0365	
12/5/2015 9:53	0.037	0.0365	
12/5/2015 9:52	0.037	0.0367	
12/5/2015 9:51	0.033	0.0367	
12/5/2015 9:50	0.032	0.0369	
12/5/2015 9:49	0.032	0.037	
12/5/2015 9:48	0.032	0.0371	
12/5/2015 9:47	0.032	0.0373	
12/5/2015 9:46	0.031	0.0375	
12/5/2015 9:45	0.027	0.0377	
12/5/2015 9:44	0.027	0.0375	
12/5/2015 9:43	0.027	0.0367	
12/5/2015 9:42	0.027	0.0367	
12/5/2015 9:41	0.027	0.0365	
12/5/2015 9:40	0.026	0.0364	
12/5/2015 9:39	0.026	0.0363	
12/5/2015 9:38	0.023	0.0363	
12/5/2015 9:37	0.023	0.0361	
12/5/2015 9:36	0.021	0.0363	
12/5/2015 9:35	0.021	0.0374	
12/5/2015 9:34	0.021	0.0374	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 9:33	0.019	0.0373	
12/5/2015 9:32	0.017	0.0371	
12/5/2015 9:31	0.017	0.0371	
12/5/2015 9:30	0.013	0.0371	
12/5/2015 9:29	0.013	0.037	
12/5/2015 9:28	0.012	0.037	
12/5/2015 9:27	0.011	0.0372	
12/5/2015 9:26	0.009	0.0373	
12/5/2015 9:25	0.008	0.0374	
12/5/2015 9:24	0.008		
12/5/2015 9:23	0.007	0.0373	
12/5/2015 9:22	0.005	0.0373	
12/5/2015 9:21	0.005	0.0371	
12/5/2015 9:20	0.005	0.036	
12/5/2015 9:19	0.003	0.0359	
12/5/2015 9:18	0.002	0.0359	
12/5/2015 9:17	0	0.0359	
12/5/2015 9:16	0	0.0358	
12/5/2015 9:15	0	0.0357	
12/5/2015 9:14	0	0.0358	
12/5/2015 9:13	0	0.0357	
12/5/2015 9:12	0	0.0355	
12/5/2015 9:11	0	0.0355	
12/5/2015 9:10	0	0.0355	
12/5/2015 9:09	0	0.0356	
12/5/2015 9:08	0	0.0356	
12/5/2015 9:07	0	0.0355	
12/5/2015 9:06	0	0.0355	
12/5/2015 9:05	0	0.0355	
12/5/2015 9:04	0	0.0355	
12/5/2015 9:03	0	0.0354	
12/5/2015 9:02	0	0.0354	
12/5/2015 9:01	0	0.0353	
12/5/2015 9:00	0	0.0353	
12/5/2015 8:59	0	0.0353	
12/5/2015 8:58	0	0.0371	
12/5/2015 8:57	0	0.0376	
12/5/2015 8:56	0	0.0375	
12/5/2015 8:55	0	0.0373	
12/5/2015 8:54	0	0.0371	
12/5/2015 8:53	0	0.0371	
12/5/2015 8:52	0	0.037	
12/5/2015 8:51	0	0.0379	
12/5/2015 8:50	0	0.0378	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 8:49	0	0.0377	
12/5/2015 8:48	0	0.0377	
12/5/2015 8:47	0	0.0376	
12/5/2015 8:46	0	0.0375	
12/5/2015 8:45	0	0.0375	
12/5/2015 8:44	0	0.0375	
12/5/2015 8:43	0	0.0357	
12/5/2015 8:42	0	0.0361	
12/5/2015 8:41	0	0.0361	
12/5/2015 8:40	0	0.0361	
12/5/2015 8:39	0	0.036	
12/5/2015 8:38	0	0.0359	
12/5/2015 8:37	0	0.0358	
12/5/2015 8:36	0	0.0349	
12/5/2015 8:35	0	0.0348	
12/5/2015 8:34	0	0.0348	
12/5/2015 8:33	0	0.0349	
12/5/2015 8:32	0	0.0349	
12/5/2015 8:31	0	0.0348	
12/5/2015 8:30	0	0.0347	
12/5/2015 8:29	0	0.0347	
12/5/2015 8:28	0	0.0344	
12/5/2015 8:27	0	0.0335	
12/5/2015 8:26	0	0.0333	
12/5/2015 8:25	0	0.0333	
12/5/2015 8:24	0	0.034	
12/5/2015 8:23	0	0.0339	
12/5/2015 8:22	0	0.0339	
12/5/2015 8:21	0	0.0337	
12/5/2015 8:20	0	0.0336	
12/5/2015 8:19	0	0.0334	
12/5/2015 8:18	0	0.0333	
12/5/2015 8:17	0	0.0332	
12/5/2015 8:16	0	0.0331	
12/5/2015 8:15	0	0.0331	
12/5/2015 8:14	0	0.0338	
12/5/2015 8:13	0	0.0336	
12/5/2015 8:12	0	0.0333	
12/5/2015 8:11	0	0.0332	
12/5/2015 8:10	0	0.0331	
12/5/2015 8:09	0	0.0323	
12/5/2015 8:08	0	0.0321	
12/5/2015 8:07	0	0.0321	
12/5/2015 8:06	0	0.0321	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/5/2015 8:05	0	0.032	
12/5/2015 8:04	0	0.0319	
12/5/2015 8:03	0	0.0319	
12/5/2015 8:02	0	0.0317	
12/5/2015 8:01	0	0.0317	
12/5/2015 8:00	0	0.0315	
12/5/2015 7:59	0	0.0314	
12/5/2015 7:58	0	0.0316	
12/5/2015 7:57	0	0.0327	
12/5/2015 7:56	0	0.0329	
12/5/2015 7:55	0	0.0331	
12/5/2015 7:54	0	0.0331	
12/5/2015 7:53	0	0.0332	
12/5/2015 7:52	0	0.0333	
12/5/2015 7:51	0	0.0335	
12/5/2015 7:50	0	0.0338	
12/5/2015 7:49	0	0.0341	
12/5/2015 7:48	0	0.0344	
12/5/2015 7:47	0	0.0348	
12/5/2015 7:46	0	0.0354	
12/5/2015 7:45	0	0.036	
12/5/2015 7:44	0	0.0348	
12/5/2015 7:43	0	0.0352	
12/5/2015 7:42	0	0.0325	
12/5/2015 7:41	0	0.0323	
12/5/2015 7:40	0	0.0315	
12/5/2015 7:39	0	0.032	
12/4/2015 14:34	0.088	0.0277	
12/4/2015 14:33	0.088	0.0275	
12/4/2015 14:32	0.088	0.0275	
12/4/2015 14:31	0.088	0.0274	
12/4/2015 14:30	0.088	0.0273	
12/4/2015 14:29	0.088	0.0273	
12/4/2015 14:28	0.088	0.0271	
12/4/2015 14:27	0.088	0.0271	
12/4/2015 14:26	0.088	0.0271	
12/4/2015 14:25	0.088	0.0271	
12/4/2015 14:24	0.088	0.0272	
12/4/2015 14:23	0.088	0.0273	
12/4/2015 14:22	0.088	0.0273	
12/4/2015 14:21	0.088	0.0273	
12/4/2015 14:20	0.088	0.0273	
12/4/2015 14:19	0.088	0.0273	
12/4/2015 14:18	0.089	0.0279	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 14:17	0.089	0.0278	
12/4/2015 14:16	0.087	0.0277	
12/4/2015 14:15	0.087	0.0278	
12/4/2015 14:14	0.087	0.0277	
12/4/2015 14:13	0.087	0.0275	
12/4/2015 14:12	0.087	0.0275	
12/4/2015 14:11	0.087	0.0274	
12/4/2015 14:10	0.087	0.0273	
12/4/2015 14:09	0.087	0.0272	
12/4/2015 14:08	0.087	0.027	
12/4/2015 14:07	0.087	0.0268	
12/4/2015 14:06	0.087	0.0268	
12/4/2015 14:05	0.087	0.0266	
12/4/2015 14:04	0.087	0.0265	
12/4/2015 14:03	0.087	0.0257	
12/4/2015 14:02	0.087	0.0256	
12/4/2015 14:01	0.087	0.0255	
12/4/2015 14:00	0.087	0.0255	
12/4/2015 13:59	0.087	0.0254	
12/4/2015 13:58	0.087	0.0254	
12/4/2015 13:57	0.087	0.0254	
12/4/2015 13:56	0.087	0.0253	
12/4/2015 13:55	0.087	0.0253	
12/4/2015 13:54	0.087	0.0252	
12/4/2015 13:53	0.087	0.0253	
12/4/2015 13:52	0.087	0.0253	
12/4/2015 13:51	0.086	0.0252	
12/4/2015 13:50	0.086	0.0252	
12/4/2015 13:49	0.084	0.0253	
12/4/2015 13:48	0.084	0.0254	
12/4/2015 13:47	0.084	0.0254	
12/4/2015 13:46	0.084	0.0254	
12/4/2015 13:45	0.084	0.0253	
12/4/2015 13:44	0.084	0.0253	
12/4/2015 13:43	0.084	0.0253	
12/4/2015 13:42	0.084	0.0254	
12/4/2015 13:41	0.084	0.0259	
12/4/2015 13:40	0.084	0.0259	
12/4/2015 13:39	0.084	0.0259	
12/4/2015 13:38	0.084	0.0265	
12/4/2015 13:37	0.084	0.0267	
12/4/2015 13:36	0.084	0.0267	
12/4/2015 13:35	0.084	0.0267	
12/4/2015 13:34	0.084	0.0267	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 13:33	0.084	0.0267	
12/4/2015 13:32	0.084	0.0268	
12/4/2015 13:31	0.084	0.0268	
12/4/2015 13:30	0.084	0.0267	
12/4/2015 13:29	0.085	0.0267	
12/4/2015 13:28	0.085	0.0267	
12/4/2015 13:27	0.085	0.0266	
12/4/2015 13:26	0.085	0.0262	
12/4/2015 13:25	0.085	0.0289	
12/4/2015 13:24	0.085	0.0291	
12/4/2015 13:23	0.085	0.0284	
12/4/2015 13:22	0.085	0.0283	
12/4/2015 13:21	0.085	0.0283	
12/4/2015 13:20	0.085	0.0283	
12/4/2015 13:19	0.085	0.0281	
12/4/2015 13:18	0.085	0.0281	
12/4/2015 13:17	0.085	0.0281	
12/4/2015 13:16	0.085	0.0281	
12/4/2015 13:15	0.085	0.0282	
12/4/2015 13:14	0.083	0.0282	
12/4/2015 13:13	0.083	0.0281	
12/4/2015 13:12	0.083	0.0281	
12/4/2015 13:11	0.083	0.0279	
12/4/2015 13:10	0.083	0.0251	
12/4/2015 13:09	0.083	0.025	
12/4/2015 13:08	0.083	0.025	
12/4/2015 13:07	0.083	0.0251	
12/4/2015 13:06	0.083	0.0251	
12/4/2015 13:05	0.08	0.0252	
12/4/2015 13:04	0.08	0.0253	
12/4/2015 13:03	0.08	0.0262	
12/4/2015 13:02	0.08	0.0263	
12/4/2015 13:01	0.08	0.0263	
12/4/2015 13:00	0.08	0.0262	
12/4/2015 12:59	0.08	0.0261	
12/4/2015 12:58	0.08	0.0264	
12/4/2015 12:57	0.08	0.0265	
12/4/2015 12:56	0.08	0.0266	
12/4/2015 12:55	0.08	0.0266	
12/4/2015 12:54	0.08	0.0267	
12/4/2015 12:53	0.08	0.0273	
12/4/2015 12:52	0.08	0.0273	
12/4/2015 12:51	0.08	0.0277	
12/4/2015 12:50	0.083	0.0285	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 12:49	0.083	0.0287	
12/4/2015 12:48	0.083	0.0279	
12/4/2015 12:47	0.083	0.0278	
12/4/2015 12:46	0.083	0.0279	
12/4/2015 12:45	0.083	0.0279	
12/4/2015 12:44	0.083	0.0281	
12/4/2015 12:43	0.083	0.0279	
12/4/2015 12:42	0.082	0.0279	
12/4/2015 12:41	0.082	0.0281	
12/4/2015 12:40	0.082	0.0281	
12/4/2015 12:39	0.082	0.0281	
12/4/2015 12:38	0.082	0.0275	
12/4/2015 12:37	0.082	0.0275	
12/4/2015 12:36	0.082	0.0271	
12/4/2015 12:35	0.082	0.0264	
12/4/2015 12:34	0.082	0.0261	
12/4/2015 12:33	0.082	0.026	
12/4/2015 12:32	0.082	0.026	
12/4/2015 12:31	0.082	0.026	
12/4/2015 12:30	0.082	0.0259	
12/4/2015 12:29	0.082	0.0259	
12/4/2015 12:28	0.082	0.0257	
12/4/2015 12:27	0.082	0.0257	
12/4/2015 12:26	0.082	0.0254	
12/4/2015 12:25	0.082	0.0267	
12/4/2015 12:24	0.082	0.0265	
12/4/2015 12:23	0.081	0.0265	
12/4/2015 12:22	0.081	0.0265	
12/4/2015 12:21	0.081	0.0265	
12/4/2015 12:20	0.081	0.0263	
12/4/2015 12:19	0.081	0.0263	
12/4/2015 12:18	0.081	0.0263	
12/4/2015 12:17	0.081	0.0263	
12/4/2015 12:16	0.081	0.0261	
12/4/2015 12:15	0.081	0.0261	
12/4/2015 12:14	0.081	0.0261	
12/4/2015 12:13	0.081	0.0261	
12/4/2015 12:12	0.08	0.0261	
12/4/2015 12:11	0.08	0.0261	
12/4/2015 12:10	0.08	0.0249	
12/4/2015 12:09	0.08	0.0249	
12/4/2015 12:08	0.08	0.0249	
12/4/2015 12:07	0.08	0.0248	
12/4/2015 12:06	0.078	0.0248	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 12:05	0.078	0.0248	
12/4/2015 12:04	0.078	0.0248	
12/4/2015 12:03	0.078	0.0247	
12/4/2015 12:02	0.078	0.0247	
12/4/2015 12:01	0.078	0.0248	
12/4/2015 12:00	0.078	0.0248	
12/4/2015 11:59	0.078	0.0247	
12/4/2015 11:58	0.078	0.0247	
12/4/2015 11:57	0.078	0.0247	
12/4/2015 11:56	0.078	0.0247	
12/4/2015 11:55	0.078	0.0247	
12/4/2015 11:54	0.078	0.0247	
12/4/2015 11:53	0.078	0.0247	
12/4/2015 11:52	0.078	0.0246	
12/4/2015 11:51	0.078	0.0245	
12/4/2015 11:50	0.075	0.0251	
12/4/2015 11:49	0.075	0.025	
12/4/2015 11:48	0.075	0.0249	
12/4/2015 11:47	0.075	0.0249	
12/4/2015 11:46	0.075	0.0248	
12/4/2015 11:45	0.075	0.0247	
12/4/2015 11:44	0.075	0.0247	
12/4/2015 11:43	0.075	0.0247	
12/4/2015 11:42	0.072	0.0247	
12/4/2015 11:41	0.072	0.0245	
12/4/2015 11:40	0.072	0.0246	
12/4/2015 11:39	0.072	0.0246	
12/4/2015 11:38	0.072	0.0245	
12/4/2015 11:37	0.072	0.0245	
12/4/2015 11:36	0.072	0.0244	
12/4/2015 11:35	0.072	0.0237	
12/4/2015 11:34	0.072	0.0238	
12/4/2015 11:33	0.072	0.0237	
12/4/2015 11:32	0.072	0.0236	
12/4/2015 11:31	0.071	0.0236	
12/4/2015 11:30	0.071	0.0236	
12/4/2015 11:29	0.071	0.0237	
12/4/2015 11:28	0.071	0.0236	
12/4/2015 11:27	0.071	0.0235	
12/4/2015 11:26	0.071	0.0235	
12/4/2015 11:25	0.071	0.0233	
12/4/2015 11:24	0.071	0.0232	
12/4/2015 11:23	0.071	0.0233	
12/4/2015 11:22	0.071	0.0233	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 11:21	0.071	0.0235	
12/4/2015 11:20	0.071	0.0235	
12/4/2015 11:19	0.071	0.0234	
12/4/2015 11:18	0.071	0.0235	
12/4/2015 11:17	0.071	0.0235	
12/4/2015 11:16	0.07	0.0235	
12/4/2015 11:15	0.07	0.0235	
12/4/2015 11:14	0.07	0.0234	
12/4/2015 11:13	0.07	0.0235	
12/4/2015 11:12	0.068	0.0235	
12/4/2015 11:11	0.068	0.0236	
12/4/2015 11:10	0.068	0.0236	
12/4/2015 11:09	0.067	0.0238	
12/4/2015 11:08	0.066	0.0237	
12/4/2015 11:07	0.064	0.0237	
12/4/2015 11:06	0.064	0.0235	
12/4/2015 11:05	0.064	0.0239	
12/4/2015 11:04	0.064	0.0239	
12/4/2015 11:03	0.064	0.0237	
12/4/2015 11:02	0.064	0.0237	
12/4/2015 11:01	0.064	0.0237	
12/4/2015 11:00	0.064	0.0236	
12/4/2015 10:59	0.063	0.0235	
12/4/2015 10:58	0.063	0.0235	
12/4/2015 10:57	0.063	0.0235	
12/4/2015 10:56	0.062	0.0234	
12/4/2015 10:55	0.062	0.0234	
12/4/2015 10:54	0.062	0.0231	
12/4/2015 10:53	0.062	0.0231	
12/4/2015 10:52	0.062	0.023	
12/4/2015 10:51	0.061	0.0229	
12/4/2015 10:50	0.06	0.0225	
12/4/2015 10:49	0.06	0.0224	
12/4/2015 10:48	0.06	0.0224	
12/4/2015 10:47	0.059	0.0228	
12/4/2015 10:46	0.058	0.0229	
12/4/2015 10:45	0.058	0.0232	
12/4/2015 10:44	0.058	0.0232	
12/4/2015 10:43	0.057	0.0231	
12/4/2015 10:42	0.056	0.0231	
12/4/2015 10:41	0.056	0.0231	
12/4/2015 10:40	0.055	0.0231	
12/4/2015 10:39	0.053	0.0231	
12/4/2015 10:38	0.053	0.0231	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 10:37	0.051	0.0231	
12/4/2015 10:36	0.051	0.023	
12/4/2015 10:35	0.051	0.0229	
12/4/2015 10:34	0.051	0.0229	
12/4/2015 10:33	0.05	0.0228	
12/4/2015 10:32	0.049	0.0224	
12/4/2015 10:31	0.049	0.0222	
12/4/2015 10:30	0.049	0.0221	
12/4/2015 10:29	0.046	0.0221	
12/4/2015 10:28	0.046	0.0221	
12/4/2015 10:27	0.046	0.022	
12/4/2015 10:26	0.046	0.0219	
12/4/2015 10:25	0.046	0.0219	
12/4/2015 10:24	0.044	0.0218	
12/4/2015 10:23	0.044	0.0217	
12/4/2015 10:22	0.044	0.0217	
12/4/2015 10:21	0.044	0.0217	
12/4/2015 10:20	0.042	0.0218	
12/4/2015 10:19	0.041	0.0218	
12/4/2015 10:18	0.041	0.0219	
12/4/2015 10:17	0.041	0.0219	
12/4/2015 10:16	0.038	0.0218	
12/4/2015 10:15	0.038	0.0216	
12/4/2015 10:14	0.038	0.0216	
12/4/2015 10:13	0.038	0.0216	
12/4/2015 10:12	0.037	0.0216	
12/4/2015 10:11	0.037	0.0217	
12/4/2015 10:10	0.037	0.0217	
12/4/2015 10:09	0.034	0.0217	
12/4/2015 10:08	0.034	0.0218	
12/4/2015 10:07	0.034	0.0219	
12/4/2015 10:06	0.033	0.0219	
12/4/2015 10:05	0.031	0.0219	
12/4/2015 10:04	0.031	0.0219	
12/4/2015 10:03	0.028	0.0219	
12/4/2015 10:02	0.028	0.0219	
12/4/2015 10:01	0.027	0.022	
12/4/2015 10:00	0.027	0.0219	
12/4/2015 9:59	0.027	0.0219	
12/4/2015 9:58	0.026	0.0219	
12/4/2015 9:57	0.025	0.0219	
12/4/2015 9:56	0.023	0.0218	
12/4/2015 9:55	0.021	0.0223	
12/4/2015 9:54	0.018	0.0222	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 9:53	0.018	0.0221	
12/4/2015 9:52	0.018	0.0219	
12/4/2015 9:51	0.017	0.0218	
12/4/2015 9:50	0.017	0.0217	
12/4/2015 9:49	0.017	0.0225	
12/4/2015 9:48	0.015	0.0223	
12/4/2015 9:47	0.015	0.0221	
12/4/2015 9:46	0.012	0.0221	
12/4/2015 9:45	0.011	0.0222	
12/4/2015 9:44	0.008	0.0221	
12/4/2015 9:43	0.007	0.0219	
12/4/2015 9:42	0.007	0.0219	
12/4/2015 9:41	0.007	0.0218	
12/4/2015 9:40	0.003	0.0211	
12/4/2015 9:39	0.003	0.0211	
12/4/2015 9:38	0.001	0.021	
12/4/2015 9:37	0.001	0.0209	
12/4/2015 9:36	0.001	0.0209	
12/4/2015 9:35	0	0.0207	
12/4/2015 9:34	0	0.0198	
12/4/2015 9:33	0	0.0197	
12/4/2015 9:32	0	0.0197	
12/4/2015 9:31	0	0.0195	
12/4/2015 9:30	0	0.0193	
12/4/2015 9:29	0	0.0193	
12/4/2015 9:28	0	0.0192	
12/4/2015 9:27	0	0.0191	
12/4/2015 9:26	0	0.019	
12/4/2015 9:25	0	0.0191	
12/4/2015 9:24	0	0.0189	
12/4/2015 9:23	0	0.0187	
12/4/2015 9:22	0	0.0185	
12/4/2015 9:21	0	0.0183	
12/4/2015 9:20	0	0.0182	
12/4/2015 9:19	0	0.0181	
12/4/2015 9:18	0	0.0181	
12/4/2015 9:17	0	0.0179	
12/4/2015 9:16	0	0.0177	
12/4/2015 9:15	0	0.0175	
12/4/2015 9:14	0	0.0175	
12/4/2015 9:13	0	0.0173	
12/4/2015 9:12	0	0.0172	
12/4/2015 9:11	0	0.0171	
12/4/2015 9:10	0	0.0169	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 9:09	0	0.0168	
12/4/2015 9:08	0	0.0167	
12/4/2015 9:07	0	0.0167	
12/4/2015 9:06	0	0.0168	
12/4/2015 9:05	0	0.0168	
12/4/2015 9:04	0	0.0168	
12/4/2015 9:03	0	0.0167	
12/4/2015 9:02	0	0.0167	
12/4/2015 9:01	0	0.0168	
12/4/2015 9:00	0	0.0167	
12/4/2015 8:59	0	0.0167	
12/4/2015 8:58	0	0.0166	
12/4/2015 8:57	0	0.017	
12/4/2015 8:56	0	0.017	
12/4/2015 8:55	0	0.0169	
12/4/2015 8:54	0	0.0169	
12/4/2015 8:53	0	0.0168	
12/4/2015 8:52	0	0.0167	
12/4/2015 8:51	0	0.0166	
12/4/2015 8:50	0	0.0165	
12/4/2015 8:49	0	0.0164	
12/4/2015 8:48	0	0.0163	
12/4/2015 8:47	0	0.0163	
12/4/2015 8:46	0	0.0162	
12/4/2015 8:45	0	0.0162	
12/4/2015 8:44	0	0.0162	
12/4/2015 8:43	0	0.0163	
12/4/2015 8:42	0	0.0158	
12/4/2015 8:41	0	0.0158	
12/4/2015 8:40	0	0.0159	
12/4/2015 8:39	0	0.0159	
12/4/2015 8:38	0	0.016	
12/4/2015 8:37	0	0.0161	
12/4/2015 8:36	0	0.0161	
12/4/2015 8:35	0	0.0161	
12/4/2015 8:34	0	0.016	
12/4/2015 8:33	0	0.0159	
12/4/2015 8:32	0	0.0159	
12/4/2015 8:31	0	0.0158	
12/4/2015 8:30	0	0.0157	
12/4/2015 8:29	0	0.0161	
12/4/2015 8:28	0	0.0159	
12/4/2015 8:27	0	0.0158	
12/4/2015 8:26	0	0.0157	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/4/2015 8:25	0	0.0156	
12/4/2015 8:24	0	0.0157	
12/4/2015 8:23	0	0.0156	
12/4/2015 8:22	0	0.0156	
12/4/2015 8:21	0	0.0155	
12/4/2015 8:20	0	0.0156	
12/4/2015 8:19	0	0.0156	
12/4/2015 8:18	0	0.0157	
12/4/2015 8:17	0	0.0158	
12/4/2015 8:16	0	0.0159	
12/4/2015 8:15	0	0.016	
12/4/2015 8:14	0	0.0152	
12/4/2015 8:13	0	0.0154	
12/4/2015 8:12	0	0.0155	
12/4/2015 8:11	0	0.0157	
12/4/2015 8:10	0	0.016	
12/4/2015 8:09	0	0.015	
12/3/2015 14:49	0.119	0.024	
12/3/2015 14:48	0.118	0.024	
12/3/2015 14:47	0.118	0.024	
12/3/2015 14:46	0.118	0.024	
12/3/2015 14:45	0.118	0.024	
12/3/2015 14:44	0.118	0.024	
12/3/2015 14:43	0.118	0.024	
12/3/2015 14:42	0.118	0.024	
12/3/2015 14:41	0.118	0.024	
12/3/2015 14:40	0.118	0.024	
12/3/2015 14:39	0.118	0.024	
12/3/2015 14:38	0.118	0.024	
12/3/2015 14:37	0.118	0.024	
12/3/2015 14:36	0.118	0.024	
12/3/2015 14:35	0.118	0.024	
12/3/2015 14:34	0.118	0.024	
12/3/2015 14:33	0.118	0.024	
12/3/2015 14:32	0.118	0.024	
12/3/2015 14:31	0.118	0.024	
12/3/2015 14:30	0.118	0.024	
12/3/2015 14:29	0.118	0.024	
12/3/2015 14:28	0.119	0.024	
12/3/2015 14:27	0.119	0.024	
12/3/2015 14:26	0.118	0.024	
12/3/2015 14:25	0.118	0.024	
12/3/2015 14:24	0.118	0.024	
12/3/2015 14:23	0.118	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 14:22	0.118	0.024	
12/3/2015 14:21	0.118	0.024	
12/3/2015 14:20	0.118	0.024	
12/3/2015 14:19	0.118	0.024	
12/3/2015 14:18	0.118	0.024	
12/3/2015 14:17	0.118	0.024	
12/3/2015 14:16	0.118	0.024	
12/3/2015 14:15	0.118	0.024	
12/3/2015 14:14	0.118	0.024	
12/3/2015 14:13	0.117	0.024	
12/3/2015 14:12	0.117	0.024	
12/3/2015 14:11	0.117	0.024	
12/3/2015 14:10	0.117	0.024	
12/3/2015 14:09	0.117	0.024	
12/3/2015 14:08	0.117	0.024	
12/3/2015 14:07	0.117	0.024	
12/3/2015 14:06	0.117	0.024	
12/3/2015 14:05	0.117	0.024	
12/3/2015 14:04	0.117	0.024	
12/3/2015 14:03	0.117	0.024	
12/3/2015 14:02	0.117	0.024	
12/3/2015 14:01	0.117	0.024	
12/3/2015 14:00	0.117	0.024	
12/3/2015 13:59	0.117	0.024	
12/3/2015 13:58	0.117	0.024	
12/3/2015 13:57	0.117	0.024	
12/3/2015 13:56	0.117	0.024	
12/3/2015 13:55	0.117	0.024	
12/3/2015 13:54	0.117	0.024	
12/3/2015 13:53	0.117	0.024	
12/3/2015 13:52	0.117	0.024	
12/3/2015 13:51	0.117	0.024	
12/3/2015 13:50	0.117	0.024	
12/3/2015 13:49	0.117	0.024	
12/3/2015 13:48	0.117	0.024	
12/3/2015 13:47	0.118	0.024	
12/3/2015 13:46	0.118	0.024	
12/3/2015 13:45	0.118	0.024	
12/3/2015 13:44	0.118	0.024	
12/3/2015 13:43	0.118	0.024	
12/3/2015 13:42	0.12	0.024	
12/3/2015 13:41	0.119	0.024	
12/3/2015 13:40	0.119	0.024	
12/3/2015 13:39	0.119	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 13:38	0.119	0.024	
12/3/2015 13:37	0.119	0.024	
12/3/2015 13:36	0.119	0.024	
12/3/2015 13:35	0.119	0.024	
12/3/2015 13:34	0.119	0.024	
12/3/2015 13:33	0.119	0.024	
12/3/2015 13:32	0.119	0.024	
12/3/2015 13:31	0.119	0.024	
12/3/2015 13:30	0.119	0.024	
12/3/2015 13:29	0.119	0.024	
12/3/2015 13:28	0.119	0.024	
12/3/2015 13:27	0.119	0.024	
12/3/2015 13:25	0.119	0.024	
12/3/2015 13:24	0.12	0.024	
12/3/2015 13:23	0.12	0.024	
12/3/2015 13:22	0.12	0.024	
12/3/2015 13:21	0.12	0.024	
12/3/2015 13:20	0.12	0.024	
12/3/2015 13:18	0.123	0.024	
12/3/2015 13:17	0.123	0.024	
12/3/2015 13:16	0.124	0.024	
12/3/2015 13:15	0.124	0.024	
12/3/2015 13:14	0.124	0.024	
12/3/2015 13:13	0.124	0.024	
12/3/2015 13:11	0.124	0.024	
12/3/2015 13:10	0.124	0.024	
12/3/2015 13:09	0.123	0.024	
12/3/2015 13:08	0.123	0.024	
12/3/2015 13:07	0.123	0.024	
12/3/2015 13:06	0.123	0.024	
12/3/2015 13:05	0.123	0.024	
12/3/2015 13:04	0.122	0.024	
12/3/2015 13:03	0.121	0.024	
12/3/2015 13:02	0.121	0.024	
12/3/2015 13:01	0.121	0.024	
12/3/2015 13:00	0.121	0.024	
12/3/2015 12:59	0.121	0.024	
12/3/2015 12:58	0.121	0.024	
12/3/2015 12:57	0.121	0.024	
12/3/2015 12:56	0.121	0.024	
12/3/2015 12:55	0.121	0.024	
12/3/2015 12:54	0.121	0.024	
12/3/2015 12:53	0.121	0.024	
12/3/2015 12:52	0.121	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 12:51	0.121	0.024	
12/3/2015 12:50	0.121	0.024	
12/3/2015 12:49	0.121	0.024	
12/3/2015 12:48	0.121	0.024	
12/3/2015 12:47	0.12	0.024	
12/3/2015 12:46	0.119	0.024	
12/3/2015 12:45	0.119	0.024	
12/3/2015 12:44	0.119	0.024	
12/3/2015 12:43	0.119	0.024	
12/3/2015 12:42	0.119	0.024	
12/3/2015 12:41	0.119	0.024	
12/3/2015 12:40	0.119	0.024	
12/3/2015 12:39	0.119	0.024	
12/3/2015 12:38	0.119	0.024	
12/3/2015 12:37	0.119	0.024	
12/3/2015 12:36	0.119	0.024	
12/3/2015 12:35	0.119	0.024	
12/3/2015 12:34	0.119	0.024	
12/3/2015 12:33	0.119	0.024	
12/3/2015 12:32	0.119	0.024	
12/3/2015 12:31	0.119	0.024	
12/3/2015 12:30	0.119	0.024	
12/3/2015 12:29	0.119	0.024	
12/3/2015 12:28	0.119	0.024	
12/3/2015 12:27	0.119	0.024	
12/3/2015 12:26	0.119	0.024	
12/3/2015 12:25	0.119	0.024	
12/3/2015 12:24	0.119	0.024	
12/3/2015 12:23	0.119	0.024	
12/3/2015 12:22	0.121	0.024	
12/3/2015 12:21	0.121	0.024	
12/3/2015 12:20	0.122	0.024	
12/3/2015 12:19	0.122	0.024	
12/3/2015 12:18	0.122	0.024	
12/3/2015 12:17	0.122	0.024	
12/3/2015 12:16	0.122	0.024	
12/3/2015 12:15	0.124	0.024	
12/3/2015 12:14	0.124	0.024	
12/3/2015 12:13	0.124	0.024	
12/3/2015 12:12	0.124	0.024	
12/3/2015 12:11	0.124	0.024	
12/3/2015 12:10	0.124	0.024	
12/3/2015 12:09	0.124	0.024	
12/3/2015 12:08	0.124	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 12:07	0.124	0.024	
12/3/2015 12:06	0.124	0.024	
12/3/2015 12:05	0.124	0.024	
12/3/2015 12:04	0.124	0.024	
12/3/2015 12:03	0.124	0.024	
12/3/2015 12:02	0.124	0.024	
12/3/2015 12:01	0.124	0.024	
12/3/2015 12:00	0.124	0.024	
12/3/2015 11:59	0.124	0.024	
12/3/2015 11:58	0.124	0.024	
12/3/2015 11:57	0.124	0.024	
12/3/2015 11:56	0.124	0.024	
12/3/2015 11:55	0.124	0.024	
12/3/2015 11:54	0.123	0.024	
12/3/2015 11:53	0.123	0.024	
12/3/2015 11:52	0.122	0.024	
12/3/2015 11:51	0.122	0.024	
12/3/2015 11:50	0.12	0.024	
12/3/2015 11:49	0.12	0.024	
12/3/2015 11:48	0.12	0.024	
12/3/2015 11:47	0.118	0.024	
12/3/2015 11:46	0.118	0.024	
12/3/2015 11:45	0.118	0.024	
12/3/2015 11:44	0.118	0.024	
12/3/2015 11:43	0.118	0.024	
12/3/2015 11:42	0.118	0.024	
12/3/2015 11:41	0.118	0.024	
12/3/2015 11:40	0.118	0.024	
12/3/2015 11:39	0.118	0.024	
12/3/2015 11:38	0.118	0.024	
12/3/2015 11:37	0.118	0.024	
12/3/2015 11:36	0.118	0.024	
12/3/2015 11:35	0.118	0.024	
12/3/2015 11:34	0.118	0.024	
12/3/2015 11:33	0.118	0.024	
12/3/2015 11:32	0.118	0.024	
12/3/2015 11:31	0.118	0.024	
12/3/2015 11:30	0.118	0.024	
12/3/2015 11:29	0.118	0.024	
12/3/2015 11:28	0.118	0.024	
12/3/2015 11:27	0.118	0.024	
12/3/2015 11:26	0.118	0.024	
12/3/2015 11:25	0.118	0.024	
12/3/2015 11:24	0.117	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 11:23	0.117	0.024	
12/3/2015 11:22	0.117	0.024	
12/3/2015 11:21	0.117	0.024	
12/3/2015 11:20	0.117	0.024	
12/3/2015 11:19	0.117	0.024	
12/3/2015 11:18	0.117	0.024	
12/3/2015 11:17	0.117	0.024	
12/3/2015 11:16	0.117	0.024	
12/3/2015 11:15	0.117	0.024	
12/3/2015 11:14	0.117	0.024	
12/3/2015 11:13	0.117	0.024	
12/3/2015 11:12	0.116	0.024	
12/3/2015 11:11	0.116	0.024	
12/3/2015 11:10	0.116	0.024	
12/3/2015 11:09	0.116	0.024	
12/3/2015 11:08	0.115	0.024	
12/3/2015 11:07	0.115	0.024	
12/3/2015 11:06	0.115	0.024	
12/3/2015 11:05	0.115	0.024	
12/3/2015 11:04	0.115	0.024	
12/3/2015 11:03	0.113	0.024	
12/3/2015 11:02	0.113	0.024	
12/3/2015 11:01	0.112	0.024	
12/3/2015 11:00	0.111	0.024	
12/3/2015 10:59	0.11	0.024	
12/3/2015 10:58	0.11	0.024	
12/3/2015 10:57	0.11	0.024	
12/3/2015 10:56	0.11	0.024	
12/3/2015 10:55	0.11	0.024	
12/3/2015 10:54	0.109	0.024	
12/3/2015 10:53	0.109	0.024	
12/3/2015 10:52	0.109	0.024	
12/3/2015 10:51	0.109	0.024	
12/3/2015 10:50	0.109	0.024	
12/3/2015 10:49	0.109	0.024	
12/3/2015 10:48	0.109	0.024	
12/3/2015 10:47	0.109	0.024	
12/3/2015 10:46	0.109	0.024	
12/3/2015 10:45	0.109	0.024	
12/3/2015 10:44	0.107	0.024	
12/3/2015 10:43	0.107	0.024	
12/3/2015 10:42	0.106	0.024	
12/3/2015 10:41	0.106	0.024	
12/3/2015 10:40	0.106	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 10:39	0.106	0.024	
12/3/2015 10:38	0.103	0.024	
12/3/2015 10:37	0.103	0.024	
12/3/2015 10:36	0.103	0.024	
12/3/2015 10:35	0.103	0.024	
12/3/2015 10:34	0.103	0.024	
12/3/2015 10:33	0.102	0.024	
12/3/2015 10:32	0.1	0.024	
12/3/2015 10:31	0.1	0.024	
12/3/2015 10:30	0.1	0.024	
12/3/2015 10:29	0.1	0.024	
12/3/2015 10:28	0.1	0.024	
12/3/2015 10:27	0.1	0.024	
12/3/2015 10:26	0.1	0.024	
12/3/2015 10:25	0.1	0.024	
12/3/2015 10:24	0.1	0.024	
12/3/2015 10:23	0.1	0.024	
12/3/2015 10:22	0.1	0.024	
12/3/2015 10:21	0.099	0.024	
12/3/2015 10:20	0.099	0.024	
12/3/2015 10:19	0.098	0.024	
12/3/2015 10:18	0.098	0.024	
12/3/2015 10:17	0.098	0.024	
12/3/2015 10:16	0.096	0.024	
12/3/2015 10:15	0.096	0.024	
12/3/2015 10:14	0.096	0.024	
12/3/2015 10:13	0.096	0.024	
12/3/2015 10:12	0.096	0.024	
12/3/2015 10:11	0.094	0.024	
12/3/2015 10:10	0.094	0.024	
12/3/2015 10:09	0.094	0.024	
12/3/2015 10:08	0.094	0.024	
12/3/2015 10:07	0.094	0.024	
12/3/2015 10:06	0.092	0.024	
12/3/2015 10:05	0.091	0.024	
12/3/2015 10:04	0.091	0.024	
12/3/2015 10:03	0.091	0.024	
12/3/2015 10:02	0.09	0.024	
12/3/2015 10:01	0.088	0.024	
12/3/2015 10:00	0.088	0.024	
12/3/2015 9:59	0.088	0.024	
12/3/2015 9:58	0.088	0.024	
12/3/2015 9:57	0.088	0.024	
12/3/2015 9:56	0.086	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 9:55	0.084	0.024	
12/3/2015 9:54	0.084	0.024	
12/3/2015 9:53	0.084	0.024	
12/3/2015 9:52	0.084	0.024	
12/3/2015 9:51	0.083	0.024	
12/3/2015 9:50	0.083	0.024	
12/3/2015 9:49	0.08	0.024	
12/3/2015 9:48	0.08	0.024	
12/3/2015 9:47	0.078	0.024	
12/3/2015 9:46	0.078	0.024	
12/3/2015 9:45	0.078	0.024	
12/3/2015 9:44	0.078	0.024	
12/3/2015 9:43	0.078	0.024	
12/3/2015 9:42	0.077	0.024	
12/3/2015 9:41	0.073	0.024	
12/3/2015 9:40	0.073	0.024	
12/3/2015 9:39	0.072	0.024	
12/3/2015 9:38	0.071	0.024	
12/3/2015 9:37	0.071	0.024	
12/3/2015 9:36	0.07	0.024	
12/3/2015 9:35	0.07	0.024	
12/3/2015 9:34	0.066	0.024	
12/3/2015 9:33	0.066	0.024	
12/3/2015 9:32	0.066	0.024	
12/3/2015 9:31	0.064	0.024	
12/3/2015 9:30	0.064	0.024	
12/3/2015 9:29	0.063	0.024	
12/3/2015 9:28	0.062	0.024	
12/3/2015 9:27	0.061	0.024	
12/3/2015 9:26	0.057	0.024	
12/3/2015 9:25	0.056	0.024	
12/3/2015 9:24	0.054	0.024	
12/3/2015 9:23	0.054	0.024	
12/3/2015 9:22	0.053	0.024	
12/3/2015 9:21	0.053	0.024	
12/3/2015 9:20	0.051	0.024	
12/3/2015 9:19	0.048	0.024	
12/3/2015 9:18	0.047	0.024	
12/3/2015 9:17	0.047	0.024	
12/3/2015 9:16	0.047	0.024	
12/3/2015 9:15	0.047	0.024	
12/3/2015 9:14	0.044	0.024	
12/3/2015 9:13	0.043	0.024	
12/3/2015 9:12	0.042	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 9:11	0.042	0.024	
12/3/2015 9:10	0.039	0.024	
12/3/2015 9:09	0.038	0.024	
12/3/2015 9:08	0.037	0.024	
12/3/2015 9:07	0.036	0.024	
12/3/2015 9:06	0.035	0.024	
12/3/2015 9:05	0.034	0.024	
12/3/2015 9:04	0.032	0.024	
12/3/2015 9:03	0.029	0.024	
12/3/2015 9:02	0.028	0.024	
12/3/2015 9:01	0.026	0.024	
12/3/2015 9:00	0.026	0.024	
12/3/2015 8:59	0.024	0.024	
12/3/2015 8:58	0.022	0.024	
12/3/2015 8:57	0.018	0.024	
12/3/2015 8:56	0.017	0.024	
12/3/2015 8:55	0.014	0.024	
12/3/2015 8:54	0.012	0.024	
12/3/2015 8:53	0.01	0.024	
12/3/2015 8:52	0.01	0.024	
12/3/2015 8:51	0.009	0.024	
12/3/2015 8:50	0.008	0.024	
12/3/2015 8:49	0.006	0.024	
12/3/2015 8:48	0.003	0.024	
12/3/2015 8:47	0.002	0.024	
12/3/2015 8:46	0	0.024	
12/3/2015 8:45	0	0.024	
12/3/2015 8:44	0	0.024	
12/3/2015 8:43	0	0.024	
12/3/2015 8:42	0	0.024	
12/3/2015 8:41	0	0.024	
12/3/2015 8:40	0	0.024	
12/3/2015 8:39	0	0.024	
12/3/2015 8:38	0	0.024	
12/3/2015 8:37	0	0.024	
12/3/2015 8:36	0	0.024	
12/3/2015 8:35	0	0.024	
12/3/2015 8:34	0	0.024	
12/3/2015 8:33	0	0.024	
12/3/2015 8:32	0	0.024	
12/3/2015 8:31	0	0.024	
12/3/2015 8:30	0	0.024	
12/3/2015 8:29	0	0.024	
12/3/2015 8:28	0	0.024	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 8:27	0	0.024	
12/3/2015 8:26	0	0.024	
12/3/2015 8:25	0	0.024	
12/3/2015 8:24	0	0.024	
12/3/2015 8:23	0	0.024	
12/3/2015 8:22	0	0.024	
12/3/2015 8:21	0	0.024	
12/3/2015 8:20	0	0.024	
12/3/2015 8:19	0	0.024	
12/3/2015 8:18	0	0.024	
12/3/2015 8:17	0	0.024	
12/3/2015 8:16	0	0.024	
12/3/2015 8:15	0	0.024	
12/3/2015 8:14	0	0.024	
12/3/2015 8:13	0	0.024	
12/3/2015 8:12	0	0.024	
12/3/2015 8:11	0	0.024	
12/3/2015 8:10	0	0.024	
12/3/2015 8:09	0	0.024	
12/3/2015 8:08	0	0.024	
12/3/2015 8:07	0	0.024	
12/3/2015 8:06	0	0.024	
12/3/2015 8:05	0	0.024	
12/3/2015 8:04	0	0.024	
12/3/2015 8:03	0	0.024	
12/3/2015 8:02	0	0.024	
12/3/2015 8:01	0	0.024	
12/3/2015 8:00	0	0.024	
12/3/2015 7:59	0	0.024	
12/3/2015 7:58	0	0.024	
12/3/2015 7:57	0	0.024	
12/3/2015 7:56	0	0.024	
12/3/2015 7:55	0	0.024	
12/3/2015 7:54	0	0.024	
12/3/2015 7:53	0	0.024	
12/3/2015 7:52	0	0.024	
12/3/2015 7:51	0	0.024	
12/3/2015 7:50	0	0.0243	
12/3/2015 7:49	0	0.0243	
12/3/2015 7:48	0	0.0243	
12/3/2015 7:47	0	0.0244	
12/3/2015 7:46	0	0.0245	
12/3/2015 7:45	0	0.0246	
12/3/2015 7:44	0	0.0246	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/3/2015 7:43	0	0.0247	
12/3/2015 7:42	0	0.0247	
12/3/2015 7:41	0	0.0248	
12/3/2015 7:40	0	0.0249	
12/3/2015 7:39	0	0.025	
12/3/2015 7:38	0	0.0251	
12/3/2015 7:37	0	0.0253	
12/3/2015 7:36	0	0.0256	
12/3/2015 7:35	0	0.025	
12/3/2015 7:34	0	0.0253	
12/3/2015 7:33	0	0.026	
12/3/2015 7:32	0	0.026	
12/3/2015 7:31	0		
12/2/2015 10:42			
12/2/2015 10:41	0.235	0.0148	
12/2/2015 10:40	0.234	0.0148	
12/2/2015 10:39	0.234	0.0149	
12/2/2015 10:38	0.234	0.0149	
12/2/2015 10:37	0.233	0.0149	
12/2/2015 10:36	0.23	0.015	
12/2/2015 10:35	0.229	0.0151	
12/2/2015 10:34	0.228	0.0151	
12/2/2015 10:33	0.227	0.0151	
12/2/2015 10:32	0.225	0.0153	
12/2/2015 10:31	0.223	0.0153	
12/2/2015 10:30	0.221	0.0155	
12/2/2015 10:29	0.218	0.0155	
12/2/2015 10:28	0.218	0.0157	
12/2/2015 10:27	0.216	0.0159	
12/2/2015 10:26	0.215	0.016	
12/2/2015 10:25	0.215	0.0161	
12/2/2015 10:24	0.213	0.0162	
12/2/2015 10:23	0.211	0.0163	
12/2/2015 10:22	0.209	0.0163	
12/2/2015 10:21	0.209	0.0163	
12/2/2015 10:20	0.209	0.0164	
12/2/2015 10:19	0.209	0.0164	
12/2/2015 10:18	0.205	0.0164	
12/2/2015 10:17	0.203	0.0163	
12/2/2015 10:16	0.201	0.0162	
12/2/2015 10:15	0.201	0.0161	
12/2/2015 10:14	0.2	0.0161	
12/2/2015 10:13	0.199	0.016	
12/2/2015 10:12	0.199	0.0161	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 10:11	0.195	0.0161	
12/2/2015 10:10	0.195	0.0161	
12/2/2015 10:09	0.19	0.0163	
12/2/2015 10:08	0.19	0.0164	
12/2/2015 10:07	0.19	0.0165	
12/2/2015 10:06	0.19	0.0166	
12/2/2015 10:05	0.19	0.0166	
12/2/2015 10:04	0.185	0.0167	
12/2/2015 10:03	0.182	0.0167	
12/2/2015 10:02	0.182	0.0167	
12/2/2015 10:01	0.179	0.0167	
12/2/2015 10:00	0.179	0.0166	
12/2/2015 9:59	0.177	0.0165	
12/2/2015 9:58	0.175	0.0163	
12/2/2015 9:57	0.174	0.0161	
12/2/2015 9:56	0.171	0.0159	
12/2/2015 9:55	0.168	0.0157	
12/2/2015 9:54	0.167	0.0154	
12/2/2015 9:53	0.164	0.015	
12/2/2015 9:52	0.161	0.0147	
12/2/2015 9:51	0.161	0.0144	
12/2/2015 9:50	0.157	0.0142	
12/2/2015 9:49	0.157	0.0139	
12/2/2015 9:48	0.154	0.0137	
12/2/2015 9:47	0.152	0.0135	
12/2/2015 9:46	0.151	0.0133	
12/2/2015 9:45	0.15	0.0132	
12/2/2015 9:44	0.15	0.0131	
12/2/2015 9:43	0.15	0.0129	
12/2/2015 9:42	0.146	0.0129	
12/2/2015 9:41	0.146	0.0128	
12/2/2015 9:40	0.145	0.0127	
12/2/2015 9:39	0.144	0.0126	
12/2/2015 9:38	0.142	0.0127	
12/2/2015 9:37	0.141	0.0127	
12/2/2015 9:36	0.14	0.0129	
12/2/2015 9:35	0.138	0.013	
12/2/2015 9:34	0.135	0.0132	
12/2/2015 9:33	0.135	0.0135	
12/2/2015 9:32	0.13	0.0137	
12/2/2015 9:31	0.129	0.0139	
12/2/2015 9:30	0.129	0.0141	
12/2/2015 9:29	0.124	0.0143	
12/2/2015 9:28	0.124	0.0146	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 9:27	0.122	0.0148	
12/2/2015 9:26	0.121	0.0149	
12/2/2015 9:25	0.121	0.0151	
12/2/2015 9:24	0.118	0.0154	
12/2/2015 9:23	0.114	0.0156	
12/2/2015 9:22	0.112	0.0157	
12/2/2015 9:21	0.107	0.0158	
12/2/2015 9:20	0.107	0.0158	
12/2/2015 9:19	0.104	0.0158	
12/2/2015 9:18	0.102	0.0158	
12/2/2015 9:17	0.101	0.0158	
12/2/2015 9:16	0.101	0.0159	
12/2/2015 9:15	0.099	0.016	
12/2/2015 9:14	0.094	0.016	
12/2/2015 9:13	0.094	0.016	
12/2/2015 9:12	0.094	0.016	
12/2/2015 9:11	0.091	0.0161	
12/2/2015 9:10	0.09	0.0162	
12/2/2015 9:09	0.089	0.0163	
12/2/2015 9:08	0.087	0.0163	
12/2/2015 9:07	0.085	0.0163	
12/2/2015 9:06	0.085	0.0162	
12/2/2015 9:05	0.085	0.0161	
12/2/2015 9:04	0.082	0.016	
12/2/2015 9:03	0.079	0.0159	
12/2/2015 9:02	0.076	0.0157	
12/2/2015 9:01	0.075	0.0154	
12/2/2015 9:00	0.075	0.0151	
12/2/2015 8:59	0.074	0.0149	
12/2/2015 8:58	0.072	0.0146	
12/2/2015 8:57	0.071	0.0143	
12/2/2015 8:56	0.068	0.0139	
12/2/2015 8:55	0.066	0.0136	
12/2/2015 8:54	0.066	0.0132	
12/2/2015 8:53	0.066	0.0129	
12/2/2015 8:52	0.063	0.0125	
12/2/2015 8:51	0.061	0.0123	
12/2/2015 8:50	0.06	0.0121	
12/2/2015 8:49	0.06	0.012	
12/2/2015 8:48	0.057	0.0119	
12/2/2015 8:47	0.057	0.0118	
12/2/2015 8:46	0.055	0.0118	
12/2/2015 8:45	0.055	0.0118	
12/2/2015 8:44	0.055	0.0119	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 8:43	0.053	0.012	
12/2/2015 8:42	0.053	0.0122	
12/2/2015 8:41	0.052	0.0124	
12/2/2015 8:40	0.052	0.0125	
12/2/2015 8:39	0.049	0.0128	
12/2/2015 8:38	0.049	0.0131	
12/2/2015 8:37	0.047	0.0133	
12/2/2015 8:36	0.045	0.0135	
12/2/2015 8:35	0.045	0.0136	
12/2/2015 8:34	0.045	0.0137	
12/2/2015 8:33	0.045	0.0137	
12/2/2015 8:32	0.045	0.0137	
12/2/2015 8:31	0.045	0.0138	
12/2/2015 8:30	0.044	0.0138	
12/2/2015 8:29	0.044	0.0138	
12/2/2015 8:28	0.042	0.0138	
12/2/2015 8:27	0.041	0.0137	
12/2/2015 8:26	0.041	0.0136	
12/2/2015 8:25	0.041	0.0135	
12/2/2015 8:24	0.041	0.0135	
12/2/2015 8:23	0.041	0.0134	
12/2/2015 8:22	0.041	0.0133	
12/2/2015 8:21	0.041	0.0133	
12/2/2015 8:20	0.041	0.0133	
12/2/2015 8:19	0.041	0.0133	
12/2/2015 8:18	0.041	0.0133	
12/2/2015 8:17	0.041	0.0133	
12/2/2015 8:16	0.041	0.0132	
12/2/2015 8:15	0.041	0.0131	
12/2/2015 8:14	0.041	0.0131	
12/2/2015 8:13	0.041	0.0131	
12/2/2015 8:12	0.042	0.0131	
12/2/2015 8:11	0.042	0.013	
12/2/2015 8:10	0.042	0.0129	
12/2/2015 8:09	0.043	0.0128	
12/2/2015 8:08	0.044	0.0126	
12/2/2015 8:07	0.044	0.0123	
12/2/2015 8:06	0.044	0.012	
12/2/2015 8:05	0.044	0.0117	
12/2/2015 8:04	0.044	0.0115	
12/2/2015 8:03	0.044	0.0115	
12/2/2015 8:02	0.046	0.0114	
12/2/2015 8:01	0.048	0.0114	
12/2/2015 8:00	0.05	0.0113	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/2/2015 7:59	0.053	0.0111	
12/2/2015 7:58	0.054	0.0109	
12/2/2015 7:57	0.054	0.0107	
12/2/2015 7:56	0.056	0.0106	
12/2/2015 7:55	0.06	0.0106	
12/2/2015 7:54	0.06	0.0102	
12/2/2015 7:53	0.062	0.01	
12/2/2015 7:52	0.064	0.01	
12/2/2015 7:51	0.065	0.0103	
12/2/2015 7:50	0.068	0.0105	
12/2/2015 7:49	0.068	0.012	
12/2/2015 7:48			
12/1/2015 15:52	0.602	0.003	
12/1/2015 15:51	0.596	0.003	
12/1/2015 15:50	0.593	0.003	
12/1/2015 15:49	0.59	0.003	
12/1/2015 15:48	0.589	0.003	
12/1/2015 15:47	0.586	0.003	
12/1/2015 15:46	0.584	0.0029	
12/1/2015 15:45	0.584	0.0029	
12/1/2015 15:44	0.583	0.0029	
12/1/2015 15:43	0.58	0.0029	
12/1/2015 15:42	0.578	0.0029	
12/1/2015 15:41	0.573	0.0033	
12/1/2015 15:40	0.573	0.0033	
12/1/2015 15:39	0.569	0.0034	
12/1/2015 15:38	0.563	0.0035	
12/1/2015 15:37	0.563	0.0035	
12/1/2015 15:36	0.563	0.0035	
12/1/2015 15:35	0.562	0.0035	
12/1/2015 15:34	0.557	0.0035	
12/1/2015 15:33	0.557	0.0035	
12/1/2015 15:32	0.557	0.0035	
12/1/2015 15:31	0.557	0.0035	
12/1/2015 15:30	0.555	0.0035	
12/1/2015 15:29	0.554	0.0035	
12/1/2015 15:28	0.551	0.0035	
12/1/2015 15:27	0.548	0.0035	
12/1/2015 15:26	0.547	0.0031	
12/1/2015 15:25	0.543	0.0031	
12/1/2015 15:24	0.542	0.0031	
12/1/2015 15:23	0.538	0.003	
12/1/2015 15:22	0.536	0.003	
12/1/2015 15:21	0.536	0.003	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 15:20	0.535	0.003	
12/1/2015 15:19	0.534	0.003	
12/1/2015 15:18	0.531	0.0031	
12/1/2015 15:17	0.528	0.0031	
12/1/2015 15:16	0.527	0.0032	
12/1/2015 15:15	0.522	0.0033	
12/1/2015 15:14	0.517	0.0033	
12/1/2015 15:13	0.514	0.0033	
12/1/2015 15:12	0.514	0.0033	
12/1/2015 15:11	0.514	0.0032	
12/1/2015 15:10	0.51	0.0031	
12/1/2015 15:09	0.51	0.0031	
12/1/2015 15:08	0.51	0.003	
12/1/2015 15:07	0.506	0.0029	
12/1/2015 15:06	0.506	0.0029	
12/1/2015 15:05	0.506	0.0028	
12/1/2015 15:04	0.504	0.0027	
12/1/2015 15:03	0.503	0.0026	
12/1/2015 15:02	0.5	0.0025	
12/1/2015 15:01	0.499	0.0023	
12/1/2015 15:00	0.494	0.0022	
12/1/2015 14:59	0.491	0.0021	
12/1/2015 14:58	0.488	0.002	
12/1/2015 14:57	0.488	0.002	
12/1/2015 14:56	0.485	0.002	
12/1/2015 14:55	0.485	0.002	
12/1/2015 14:54	0.48	0.002	
12/1/2015 14:53	0.48	0.002	
12/1/2015 14:52	0.476	0.0021	
12/1/2015 14:51	0.474	0.0021	
12/1/2015 14:50	0.473	0.0021	
12/1/2015 14:49	0.47	0.0021	
12/1/2015 14:48	0.47	0.0021	
12/1/2015 14:47	0.462	0.0021	
12/1/2015 14:46	0.462	0.0021	
12/1/2015 14:45	0.459	0.0021	
12/1/2015 14:44	0.457	0.0022	
12/1/2015 14:43	0.457	0.0023	
12/1/2015 14:42	0.454	0.0023	
12/1/2015 14:41	0.453	0.0023	
12/1/2015 14:40	0.453	0.0023	
12/1/2015 14:39	0.451	0.0023	
12/1/2015 14:38	0.448	0.0023	
12/1/2015 14:37	0.445	0.0023	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 14:36	0.444	0.0023	
12/1/2015 14:35	0.436	0.0024	
12/1/2015 14:34	0.433	0.0024	
12/1/2015 14:33	0.433	0.0024	
12/1/2015 14:32	0.432	0.0024	
12/1/2015 14:31	0.431	0.0024	
12/1/2015 14:30	0.427	0.0023	
12/1/2015 14:29	0.426	0.0023	
12/1/2015 14:28	0.426	0.0022	
12/1/2015 14:27	0.425	0.0023	
12/1/2015 14:26	0.422	0.0023	
12/1/2015 14:25	0.421	0.0024	
12/1/2015 14:24	0.421	0.0024	
12/1/2015 14:23	0.421	0.0023	
12/1/2015 14:22	0.417	0.0023	
12/1/2015 14:21	0.414	0.0023	
12/1/2015 14:20	0.408	0.0022	
12/1/2015 14:19	0.406	0.0022	
12/1/2015 14:18	0.406	0.0022	
12/1/2015 14:17	0.406	0.0022	
12/1/2015 14:16	0.402	0.0022	
12/1/2015 14:15	0.401	0.0022	
12/1/2015 14:14	0.4	0.0022	
12/1/2015 14:13	0.395	0.0022	
12/1/2015 14:12	0.395	0.0022	
12/1/2015 14:11	0.394	0.0022	
12/1/2015 14:10	0.392	0.0021	
12/1/2015 14:09	0.389	0.0022	
12/1/2015 14:08	0.387	0.0023	
12/1/2015 14:07	0.387	0.0023	
12/1/2015 14:06	0.383	0.0023	
12/1/2015 14:05	0.381	0.0024	
12/1/2015 14:04	0.379	0.0025	
12/1/2015 14:03	0.379	0.0025	
12/1/2015 14:02	0.379	0.0026	
12/1/2015 14:01	0.379	0.0027	
12/1/2015 14:00	0.377	0.0027	
12/1/2015 13:59	0.377	0.0028	
12/1/2015 13:58	0.37	0.0029	
12/1/2015 13:57	0.37	0.0029	
12/1/2015 13:56	0.368	0.0029	
12/1/2015 13:55	0.367	0.0029	
12/1/2015 13:54	0.366	0.003	
12/1/2015 13:53	0.363	0.003	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 13:52	0.363	0.003	
12/1/2015 13:51	0.363	0.0031	
12/1/2015 13:50	0.363	0.0032	
12/1/2015 13:49	0.361	0.0032	
12/1/2015 13:48	0.355	0.0032	
12/1/2015 13:47	0.355	0.0032	
12/1/2015 13:46	0.355	0.0032	
12/1/2015 13:45	0.355	0.0033	
12/1/2015 13:44	0.355	0.0033	
12/1/2015 13:43	0.353	0.0034	
12/1/2015 13:42	0.351	0.0035	
12/1/2015 13:41	0.35	0.0035	
12/1/2015 13:40	0.35	0.0036	
12/1/2015 13:39	0.347	0.0036	
12/1/2015 13:38	0.346	0.0037	
12/1/2015 13:37	0.346	0.0037	
12/1/2015 13:36	0.345	0.0037	
12/1/2015 13:35	0.342	0.0037	
12/1/2015 13:34	0.342	0.0038	
12/1/2015 13:33	0.342	0.0039	
12/1/2015 13:32	0.342	0.004	
12/1/2015 13:31	0.342	0.0041	
12/1/2015 13:30	0.341	0.0041	
12/1/2015 13:29	0.339	0.0041	
12/1/2015 13:28	0.339	0.0041	
12/1/2015 13:27	0.337	0.0041	
12/1/2015 13:26	0.337	0.0041	
12/1/2015 13:25	0.337	0.0041	
12/1/2015 13:24	0.335	0.0041	
12/1/2015 13:23	0.335	0.0042	
12/1/2015 13:22	0.335	0.0042	
12/1/2015 13:21	0.334	0.0042	
12/1/2015 13:20	0.327	0.0042	
12/1/2015 13:19	0.327	0.0043	
12/1/2015 13:18	0.327	0.0042	
12/1/2015 13:17	0.327	0.0042	
12/1/2015 13:16	0.325	0.0042	
12/1/2015 13:15	0.324	0.0042	
12/1/2015 13:14	0.324	0.0042	
12/1/2015 13:13	0.324	0.0043	
12/1/2015 13:12	0.324	0.0043	
12/1/2015 13:11	0.32	0.0042	
12/1/2015 13:10	0.32	0.0043	
12/1/2015 13:09	0.317	0.0043	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 13:08	0.317	0.0043	
12/1/2015 13:07	0.314	0.0044	
12/1/2015 13:06	0.314	0.0044	
12/1/2015 13:05	0.308	0.0045	
12/1/2015 13:04	0.308	0.0044	
12/1/2015 13:03	0.308	0.0044	
12/1/2015 13:02	0.308	0.0045	
12/1/2015 13:01	0.308	0.0045	
12/1/2015 13:00	0.308	0.0046	
12/1/2015 12:59	0.308	0.0047	
12/1/2015 12:58	0.308	0.0047	
12/1/2015 12:57	0.307	0.0047	
12/1/2015 12:56	0.305	0.0048	
12/1/2015 12:55	0.303	0.0048	
12/1/2015 12:54	0.303	0.0048	
12/1/2015 12:53	0.303	0.0048	
12/1/2015 12:52	0.303	0.0048	
12/1/2015 12:51	0.299	0.0049	
12/1/2015 12:50	0.299	0.0049	
12/1/2015 12:49	0.298	0.0049	
12/1/2015 12:48	0.295	0.0049	
12/1/2015 12:47	0.291	0.0049	
12/1/2015 12:46	0.291	0.0049	
12/1/2015 12:45	0.29	0.0049	
12/1/2015 12:44	0.287	0.0049	
12/1/2015 12:43	0.285	0.0049	
12/1/2015 12:42	0.282	0.0049	
12/1/2015 12:41	0.282	0.0049	
12/1/2015 12:40	0.281	0.0049	
12/1/2015 12:39	0.279	0.0049	
12/1/2015 12:38	0.276	0.0049	
12/1/2015 12:37	0.276	0.0049	
12/1/2015 12:36	0.271	0.0049	
12/1/2015 12:35	0.27	0.0049	
12/1/2015 12:34	0.269	0.0049	
12/1/2015 12:33	0.268	0.005	
12/1/2015 12:32	0.265	0.005	
12/1/2015 12:31	0.265	0.005	
12/1/2015 12:30	0.262	0.005	
12/1/2015 12:29	0.262	0.005	
12/1/2015 12:28	0.261	0.005	
12/1/2015 12:27	0.256	0.005	
12/1/2015 12:26	0.256	0.005	
12/1/2015 12:25	0.253	0.0051	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 12:24	0.253	0.0051	
12/1/2015 12:23	0.251	0.0051	
12/1/2015 12:22	0.249	0.0052	
12/1/2015 12:21	0.248	0.0053	
12/1/2015 12:20	0.248	0.0053	
12/1/2015 12:19	0.248	0.0056	
12/1/2015 12:18	0.244	0.0057	
12/1/2015 12:17	0.244	0.0057	
12/1/2015 12:16	0.242	0.0057	
12/1/2015 12:15	0.24	0.0058	
12/1/2015 12:14	0.235	0.0058	
12/1/2015 12:13	0.235	0.0059	
12/1/2015 12:12	0.235	0.006	
12/1/2015 12:11	0.232	0.0061	
12/1/2015 12:10	0.229	0.0061	
12/1/2015 12:09	0.229	0.0061	
12/1/2015 12:08	0.226	0.0062	
12/1/2015 12:07	0.223	0.0062	
12/1/2015 12:06	0.223	0.0062	
12/1/2015 12:05	0.217	0.0062	
12/1/2015 12:04	0.217	0.006	
12/1/2015 12:03	0.217	0.006	
12/1/2015 12:02	0.217	0.0061	
12/1/2015 12:01	0.214	0.0061	
12/1/2015 12:00	0.213	0.0061	
12/1/2015 11:59	0.212	0.0062	
12/1/2015 11:58	0.209	0.0062	
12/1/2015 11:57	0.207	0.0061	
12/1/2015 11:56	0.203	0.0061	
12/1/2015 11:55	0.202	0.0061	
12/1/2015 11:54	0.2	0.0062	
12/1/2015 11:53	0.199	0.0063	
12/1/2015 11:52	0.199	0.0063	
12/1/2015 11:51	0.197	0.0063	
12/1/2015 11:50	0.193	0.0063	
12/1/2015 11:49	0.192	0.0063	
12/1/2015 11:48	0.192	0.0064	
12/1/2015 11:47	0.19	0.0065	
12/1/2015 11:46	0.19	0.0065	
12/1/2015 11:45	0.19	0.0066	
12/1/2015 11:44	0.19	0.0067	
12/1/2015 11:43	0.188	0.0067	
12/1/2015 11:42	0.186	0.0069	
12/1/2015 11:41	0.186	0.0068	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 11:40	0.183	0.0069	
12/1/2015 11:39	0.183	0.0069	
12/1/2015 11:38	0.183	0.0068	
12/1/2015 11:37	0.181	0.0068	
12/1/2015 11:36	0.179	0.0068	
12/1/2015 11:35	0.179	0.0068	
12/1/2015 11:34	0.179	0.0067	
12/1/2015 11:33	0.179	0.0067	
12/1/2015 11:32	0.179	0.0067	
12/1/2015 11:31	0.179	0.0066	
12/1/2015 11:30	0.178	0.0065	
12/1/2015 11:29	0.176	0.0064	
12/1/2015 11:28	0.176	0.0063	
12/1/2015 11:27	0.174	0.0061	
12/1/2015 11:26	0.173	0.0061	
12/1/2015 11:25	0.169	0.006	
12/1/2015 11:24	0.169	0.0059	
12/1/2015 11:23	0.169	0.0059	
12/1/2015 11:22	0.169	0.0059	
12/1/2015 11:21	0.167	0.0059	
12/1/2015 11:20	0.164	0.0059	
12/1/2015 11:19	0.163	0.0059	
12/1/2015 11:18	0.163	0.006	
12/1/2015 11:17	0.159	0.006	
12/1/2015 11:16	0.159	0.006	
12/1/2015 11:15	0.159	0.006	
12/1/2015 11:14	0.159	0.006	
12/1/2015 11:13	0.159	0.0061	
12/1/2015 11:12	0.159	0.0061	
12/1/2015 11:11	0.158	0.0061	
12/1/2015 11:10	0.157	0.0062	
12/1/2015 11:09	0.157	0.0063	
12/1/2015 11:08	0.157	0.0063	
12/1/2015 11:07	0.154	0.0064	
12/1/2015 11:06	0.154	0.0065	
12/1/2015 11:05	0.154	0.0065	
12/1/2015 11:04	0.154	0.0066	
12/1/2015 11:03	0.154	0.0066	
12/1/2015 11:02	0.154	0.0066	
12/1/2015 11:01	0.154	0.0067	
12/1/2015 11:00	0.153	0.0068	
12/1/2015 10:59	0.151	0.0069	
12/1/2015 10:58	0.151	0.0069	
12/1/2015 10:57	0.148	0.007	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 10:56	0.148	0.0071	
12/1/2015 10:55	0.148	0.0072	
12/1/2015 10:54	0.148	0.0073	
12/1/2015 10:53	0.148	0.0073	
12/1/2015 10:52	0.146	0.0074	
12/1/2015 10:51	0.146	0.0075	
12/1/2015 10:50	0.143	0.0075	
12/1/2015 10:49	0.142	0.0076	
12/1/2015 10:48	0.142	0.0077	
12/1/2015 10:47	0.14	0.0078	
12/1/2015 10:46	0.14	0.0079	
12/1/2015 10:45	0.14	0.0079	
12/1/2015 10:44	0.139	0.008	
12/1/2015 10:43	0.139	0.0081	
12/1/2015 10:42	0.139	0.0084	
12/1/2015 10:41	0.136	0.0084	
12/1/2015 10:40	0.136	0.0085	
12/1/2015 10:39	0.136	0.0085	
12/1/2015 10:38	0.136	0.0085	
12/1/2015 10:37	0.136	0.0085	
12/1/2015 10:36	0.136	0.0085	
12/1/2015 10:35	0.135	0.0085	
12/1/2015 10:34	0.135	0.0085	
12/1/2015 10:33	0.135	0.0084	
12/1/2015 10:32	0.135	0.0084	
12/1/2015 10:31	0.134	0.0083	
12/1/2015 10:30	0.134	0.0083	
12/1/2015 10:29	0.133	0.0083	
12/1/2015 10:28	0.133	0.0083	
12/1/2015 10:27	0.133	0.008	
12/1/2015 10:26	0.132	0.008	
12/1/2015 10:25	0.132	0.0079	
12/1/2015 10:24	0.132	0.0079	
12/1/2015 10:23	0.131	0.0079	
12/1/2015 10:22	0.129	0.0078	
12/1/2015 10:21	0.129	0.0078	
12/1/2015 10:20	0.129	0.0078	
12/1/2015 10:19	0.126	0.0078	
12/1/2015 10:18	0.126	0.0078	
12/1/2015 10:17	0.126	0.0078	
12/1/2015 10:16	0.125	0.0077	
12/1/2015 10:15	0.121	0.0077	
12/1/2015 10:14	0.121	0.0076	
12/1/2015 10:13	0.121	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 10:12	0.121	0.0076	
12/1/2015 10:11	0.121	0.0076	
12/1/2015 10:10	0.121	0.0077	
12/1/2015 10:09	0.121	0.0077	
12/1/2015 10:08	0.121	0.0077	
12/1/2015 10:07	0.121	0.0078	
12/1/2015 10:06	0.12	0.0078	
12/1/2015 10:05	0.12	0.0079	
12/1/2015 10:04	0.12	0.0079	
12/1/2015 10:03	0.12	0.008	
12/1/2015 10:02	0.12	0.008	
12/1/2015 10:01	0.118	0.0081	
12/1/2015 10:00	0.117	0.0082	
12/1/2015 9:59	0.115	0.0083	
12/1/2015 9:58	0.115	0.0085	
12/1/2015 9:57	0.115	0.0085	
12/1/2015 9:56	0.114	0.0085	
12/1/2015 9:55	0.114	0.0086	
12/1/2015 9:54	0.111	0.0087	
12/1/2015 9:53	0.11	0.0087	
12/1/2015 9:52	0.11	0.0088	
12/1/2015 9:51	0.108	0.0089	
12/1/2015 9:50	0.108	0.0089	
12/1/2015 9:49	0.108	0.0089	
12/1/2015 9:48	0.107	0.0089	
12/1/2015 9:47	0.104	0.0089	
12/1/2015 9:46	0.104	0.0089	
12/1/2015 9:45	0.104	0.009	
12/1/2015 9:44	0.104	0.009	
12/1/2015 9:43	0.104	0.009	
12/1/2015 9:42	0.104	0.009	
12/1/2015 9:41	0.104	0.009	
12/1/2015 9:40	0.104	0.009	
12/1/2015 9:39	0.103	0.009	
12/1/2015 9:38	0.103	0.0089	
12/1/2015 9:37	0.102	0.0089	
12/1/2015 9:36	0.101	0.0089	
12/1/2015 9:35	0.098	0.0089	
12/1/2015 9:34	0.098	0.0089	
12/1/2015 9:33	0.097	0.0089	
12/1/2015 9:32	0.097	0.0088	
12/1/2015 9:31	0.097	0.0088	
12/1/2015 9:30	0.097	0.0088	
12/1/2015 9:29	0.097	0.0088	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 9:28	0.094	0.0088	
12/1/2015 9:27	0.094	0.0088	
12/1/2015 9:26	0.092	0.0088	
12/1/2015 9:25	0.092	0.0089	
12/1/2015 9:24	0.092	0.0089	
12/1/2015 9:23	0.09	0.009	
12/1/2015 9:22	0.09	0.0091	
12/1/2015 9:21	0.09	0.0091	
12/1/2015 9:20	0.09	0.0092	
12/1/2015 9:19	0.088	0.0093	
12/1/2015 9:18	0.088	0.0095	
12/1/2015 9:17	0.087	0.0097	
12/1/2015 9:16	0.087	0.0098	
12/1/2015 9:15	0.087	0.0099	
12/1/2015 9:14	0.086	0.0101	
12/1/2015 9:13	0.086	0.0102	
12/1/2015 9:12	0.082	0.0103	
12/1/2015 9:11	0.081	0.0105	
12/1/2015 9:10	0.081	0.0105	
12/1/2015 9:09	0.08	0.0107	
12/1/2015 9:08	0.08	0.0108	
12/1/2015 9:07	0.08	0.0109	
12/1/2015 9:06	0.08	0.0109	
12/1/2015 9:05	0.079	0.011	
12/1/2015 9:04	0.079	0.0111	
12/1/2015 9:03	0.077	0.0111	
12/1/2015 9:02	0.075	0.0112	
12/1/2015 9:01	0.075	0.0113	
12/1/2015 9:00	0.075	0.0113	
12/1/2015 8:59	0.074	0.0114	
12/1/2015 8:58	0.073	0.0115	
12/1/2015 8:57	0.071	0.0115	
12/1/2015 8:56	0.07	0.0115	
12/1/2015 8:55	0.07	0.0115	
12/1/2015 8:54	0.069	0.0115	
12/1/2015 8:53	0.068	0.0115	
12/1/2015 8:52	0.067	0.0115	
12/1/2015 8:51	0.065	0.0116	
12/1/2015 8:50	0.065	0.0117	
12/1/2015 8:49	0.064	0.0117	
12/1/2015 8:48	0.061	0.0117	
12/1/2015 8:47	0.061	0.0117	
12/1/2015 8:46	0.059	0.0117	
12/1/2015 8:45	0.057	0.0117	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 8:44	0.056	0.0117	
12/1/2015 8:43	0.054	0.0117	
12/1/2015 8:42	0.054	0.0118	
12/1/2015 8:41	0.054	0.0119	
12/1/2015 8:40	0.05	0.012	
12/1/2015 8:39	0.05	0.0121	
12/1/2015 8:38	0.05	0.0122	
12/1/2015 8:37	0.047	0.0123	
12/1/2015 8:36	0.047	0.0123	
12/1/2015 8:35	0.046	0.0124	
12/1/2015 8:34	0.044	0.0125	
12/1/2015 8:33	0.041	0.0125	
12/1/2015 8:32	0.041	0.0125	
12/1/2015 8:31	0.036	0.0126	
12/1/2015 8:30	0.036	0.0127	
12/1/2015 8:29	0.034	0.0127	
12/1/2015 8:28	0.032	0.0128	
12/1/2015 8:27	0.029	0.0128	
12/1/2015 8:26	0.028	0.0128	
12/1/2015 8:25	0.025	0.0127	
12/1/2015 8:24	0.024	0.0127	
12/1/2015 8:23	0.022	0.0126	
12/1/2015 8:22	0.021	0.0125	
12/1/2015 8:21	0.02	0.0125	
12/1/2015 8:20	0.019	0.0125	
12/1/2015 8:19	0.016	0.0125	
12/1/2015 8:18	0.013	0.0124	
12/1/2015 8:17	0.012	0.0124	
12/1/2015 8:16	0.009	0.0123	
12/1/2015 8:15	0.006	0.0123	
12/1/2015 8:14	0.005	0.0123	
12/1/2015 8:13	0.001	0.0123	
12/1/2015 8:12	0	0.0124	
12/1/2015 8:11	0	0.0125	
12/1/2015 8:10	0	0.0125	
12/1/2015 8:09	0	0.0126	
12/1/2015 8:08	0	0.0127	
12/1/2015 8:07	0	0.0127	
12/1/2015 8:06	0	0.0128	
12/1/2015 8:05	0	0.0128	
12/1/2015 8:04	0	0.0128	
12/1/2015 8:03	0	0.0129	
12/1/2015 8:02	0	0.0131	
12/1/2015 8:01	0	0.0132	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
12/1/2015 8:00	0	0.0133	
12/1/2015 7:59	0	0.0133	
12/1/2015 7:58	0	0.0133	
12/1/2015 7:57	0	0.0133	
12/1/2015 7:56	0	0.0133	
12/1/2015 7:55	0	0.0133	
12/1/2015 7:54	0	0.0133	
12/1/2015 7:53	0	0.0133	
12/1/2015 7:52	0	0.0133	
12/1/2015 7:51	0	0.0133	
12/1/2015 7:50	0	0.0134	
12/1/2015 7:49	0	0.0133	
12/1/2015 7:48	0	0.0132	
12/1/2015 7:47	0	0.0131	
12/1/2015 7:46	0	0.0129	
12/1/2015 7:45	0	0.0128	
12/1/2015 7:44	0	0.0127	
12/1/2015 7:43	0	0.0126	
12/1/2015 7:42	0	0.0126	
12/1/2015 7:41	0	0.0126	
12/1/2015 7:40	0	0.0125	
12/1/2015 7:39	0	0.0125	
12/1/2015 7:38	0	0.0124	
12/1/2015 7:37	0	0.0125	
12/1/2015 7:36	0	0.0124	
12/1/2015 7:35	0	0.012	
12/1/2015 7:34	0	0.012	
12/1/2015 7:33	0	0.012	
12/1/2015 7:32	0	0.012	
12/1/2015 7:31	0	0.012	
12/1/2015 7:30	0	0.012	
11/30/2015 17:06	0.073	0.0108	
11/30/2015 17:05	0.073	0.0107	
11/30/2015 17:04	0.073	0.0107	
11/30/2015 17:03	0.072	0.0106	
11/30/2015 17:02	0.072	0.0107	
11/30/2015 17:01	0.071	0.0106	
11/30/2015 17:00	0.071	0.0106	
11/30/2015 16:59	0.07	0.0105	
11/30/2015 16:58	0.07	0.0105	
11/30/2015 16:57	0.07	0.0104	
11/30/2015 16:56	0.07	0.0103	
11/30/2015 16:55	0.07	0.0103	
11/30/2015 16:54	0.069	0.0103	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 16:53	0.068	0.0102	
11/30/2015 16:52	0.068	0.0101	
11/30/2015 16:51	0.068	0.0101	
11/30/2015 16:50	0.068	0.0101	
11/30/2015 16:49	0.068	0.0101	
11/30/2015 16:48	0.068	0.0101	
11/30/2015 16:47	0.068	0.0101	
11/30/2015 16:46	0.068	0.0101	
11/30/2015 16:45	0.068	0.01	
11/30/2015 16:44	0.068	0.01	
11/30/2015 16:43	0.068	0.01	
11/30/2015 16:42	0.067	0.01	
11/30/2015 16:41	0.067	0.01	
11/30/2015 16:40	0.066	0.01	
11/30/2015 16:39	0.066	0.01	
11/30/2015 16:38	0.066	0.0104	
11/30/2015 16:37	0.066	0.0104	
11/30/2015 16:36	0.066	0.0103	
11/30/2015 16:35	0.064	0.0103	
11/30/2015 16:34	0.063	0.0102	
11/30/2015 16:33	0.063	0.0102	
11/30/2015 16:32	0.063	0.0101	
11/30/2015 16:31	0.063	0.0101	
11/30/2015 16:30	0.063	0.01	
11/30/2015 16:29	0.061	0.0099	
11/30/2015 16:28	0.06	0.0099	
11/30/2015 16:27	0.06	0.0098	
11/30/2015 16:26	0.06		
11/30/2015 16:25	0.06	0.0097	
11/30/2015 16:24	0.06	0.0097	
11/30/2015 16:23	0.06	0.0092	
11/30/2015 16:22	0.06	0.0092	
11/30/2015 16:21	0.059	0.0092	
11/30/2015 16:20	0.059	0.0091	
11/30/2015 16:19	0.059	0.0091	
11/30/2015 16:18	0.059	0.0091	
11/30/2015 16:17	0.059	0.009	
11/30/2015 16:16	0.059	0.0089	
11/30/2015 16:15	0.058	0.0089	
11/30/2015 16:14	0.058	0.0088	
11/30/2015 16:13	0.058	0.0087	
11/30/2015 16:12	0.058	0.0087	
11/30/2015 16:11	0.057	0.0087	
11/30/2015 16:10	0.057	0.0085	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 16:09	0.057	0.0085	
11/30/2015 16:08	0.057	0.0084	
11/30/2015 16:07	0.057	0.0083	
11/30/2015 16:06	0.057	0.0088	
11/30/2015 16:05	0.057	0.0087	
11/30/2015 16:04	0.057	0.0087	
11/30/2015 16:03	0.057	0.0086	
11/30/2015 16:02	0.057	0.0086	
11/30/2015 16:01	0.057	0.0086	
11/30/2015 16:00	0.057	0.0086	
11/30/2015 15:59	0.057	0.0086	
11/30/2015 15:58	0.057	0.0087	
11/30/2015 15:57	0.057	0.0086	
11/30/2015 15:56	0.058	0.0086	
11/30/2015 15:55	0.059	0.0086	
11/30/2015 15:54	0.059	0.0086	
11/30/2015 15:53	0.059	0.0086	
11/30/2015 15:52	0.059	0.0086	
11/30/2015 15:51	0.059	0.0082	
11/30/2015 15:50	0.058	0.0082	
11/30/2015 15:49	0.058	0.0082	
11/30/2015 15:48	0.058	0.0082	
11/30/2015 15:47	0.058	0.0082	
11/30/2015 15:46	0.058	0.0082	
11/30/2015 15:45	0.058	0.0082	
11/30/2015 15:44	0.058	0.0082	
11/30/2015 15:43	0.058	0.0081	
11/30/2015 15:42	0.058	0.0082	
11/30/2015 15:41	0.058	0.0082	
11/30/2015 15:40	0.058	0.0082	
11/30/2015 15:39	0.058	0.0081	
11/30/2015 15:38	0.058	0.0081	
11/30/2015 15:37	0.058	0.0083	
11/30/2015 15:36	0.058	0.0081	
11/30/2015 15:35	0.058	0.0081	
11/30/2015 15:34	0.058	0.0081	
11/30/2015 15:33	0.057	0.0081	
11/30/2015 15:32	0.057	0.0081	
11/30/2015 15:31	0.057	0.0081	
11/30/2015 15:30	0.057	0.0082	
11/30/2015 15:29	0.057	0.0082	
11/30/2015 15:28	0.057	0.0082	
11/30/2015 15:27	0.057	0.0081	
11/30/2015 15:26	0.057	0.0081	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 15:25	0.056	0.0081	
11/30/2015 15:24	0.056	0.0082	
11/30/2015 15:23	0.055	0.0083	
11/30/2015 15:22	0.055	0.0081	
11/30/2015 15:21	0.055	0.0081	
11/30/2015 15:20	0.055	0.0081	
11/30/2015 15:19	0.055	0.0081	
11/30/2015 15:18	0.055	0.0081	
11/30/2015 15:17	0.055	0.0081	
11/30/2015 15:16	0.055	0.0081	
11/30/2015 15:15	0.055	0.008	
11/30/2015 15:14	0.055	0.008	
11/30/2015 15:13	0.055	0.0079	
11/30/2015 15:12	0.055	0.0079	
11/30/2015 15:11	0.055	0.0079	
11/30/2015 15:10	0.055	0.0078	
11/30/2015 15:09	0.055	0.0078	
11/30/2015 15:08	0.057	0.0077	
11/30/2015 15:07	0.057	0.0078	
11/30/2015 15:06	0.057	0.0077	
11/30/2015 15:05	0.057	0.0077	
11/30/2015 15:04	0.057	0.0077	
11/30/2015 15:03	0.057	0.0077	
11/30/2015 15:02	0.057	0.0077	
11/30/2015 15:01	0.057	0.0077	
11/30/2015 15:00	0.057	0.0077	
11/30/2015 14:59	0.057	0.0076	
11/30/2015 14:58	0.057	0.0077	
11/30/2015 14:57	0.057	0.0077	
11/30/2015 14:56	0.057	0.0077	
11/30/2015 14:55	0.057	0.0077	
11/30/2015 14:54	0.057	0.0077	
11/30/2015 14:53	0.057	0.0077	
11/30/2015 14:52	0.057	0.0076	
11/30/2015 14:51	0.057	0.0077	
11/30/2015 14:50	0.057	0.0077	
11/30/2015 14:49	0.057	0.0077	
11/30/2015 14:48	0.056	0.0077	
11/30/2015 14:47	0.056	0.0077	
11/30/2015 14:46	0.056	0.0077	
11/30/2015 14:45	0.055	0.0077	
11/30/2015 14:44	0.055	0.0078	
11/30/2015 14:43	0.055	0.0078	
11/30/2015 14:42	0.055	0.0078	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 14:41	0.053	0.0078	
11/30/2015 14:40	0.053	0.0079	
11/30/2015 14:39	0.053	0.0079	
11/30/2015 14:38	0.053	0.0089	
11/30/2015 14:37	0.052	0.009	
11/30/2015 14:36	0.052	0.009	
11/30/2015 14:35	0.052	0.009	
11/30/2015 14:34	0.052	0.009	
11/30/2015 14:33	0.051	0.0089	
11/30/2015 14:32	0.051	0.0089	
11/30/2015 14:31	0.048	0.0089	
11/30/2015 14:30	0.048	0.0089	
11/30/2015 14:29	0.048	0.0089	
11/30/2015 14:28	0.048	0.0089	
11/30/2015 14:27	0.048	0.0091	
11/30/2015 14:26	0.045	0.0091	
11/30/2015 14:25	0.045	0.0091	
11/30/2015 14:24	0.045	0.0092	
11/30/2015 14:23	0.043	0.0082	
11/30/2015 14:22	0.043	0.0082	
11/30/2015 14:21	0.043	0.0083	
11/30/2015 14:20	0.043	0.0083	
11/30/2015 14:19	0.043	0.0083	
11/30/2015 14:18	0.043	0.0085	
11/30/2015 14:17	0.043	0.0085	
11/30/2015 14:16	0.042	0.0085	
11/30/2015 14:15	0.042	0.0086	
11/30/2015 14:14	0.042	0.0086	
11/30/2015 14:13	0.042	0.0087	
11/30/2015 14:12	0.042	0.0086	
11/30/2015 14:11	0.042	0.0086	
11/30/2015 14:10	0.04	0.0087	
11/30/2015 14:09	0.039	0.0087	
11/30/2015 14:08	0.039	0.0088	
11/30/2015 14:07	0.038	0.0089	
11/30/2015 14:06	0.038	0.0089	
11/30/2015 14:05	0.036	0.0089	
11/30/2015 14:04	0.035	0.0089	
11/30/2015 14:03	0.034	0.0089	
11/30/2015 14:02	0.033	0.009	
11/30/2015 14:01	0.03	0.009	
11/30/2015 14:00	0.03		
11/30/2015 13:59	0.029	0.009	
11/30/2015 13:58	0.027	0.009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 13:57	0.027	0.009	
11/30/2015 13:56	0.024	0.009	
11/30/2015 13:55	0.022	0.009	
11/30/2015 13:54	0.021	0.009	
11/30/2015 13:53	0.02	0.009	
11/30/2015 13:52	0.019	0.009	
11/30/2015 13:51	0.017	0.009	
11/30/2015 13:50	0.016	0.009	
11/30/2015 13:49	0.014	0.0089	
11/30/2015 13:48	0.013	0.0089	
11/30/2015 13:47	0.012	0.0089	
11/30/2015 13:46	0.012	0.0089	
11/30/2015 13:45	0.01	0.0089	
11/30/2015 13:44	0.009	0.0089	
11/30/2015 13:43	0.007	0.0089	
11/30/2015 13:42	0.006	0.0089	
11/30/2015 13:41	0.002	0.0089	
11/30/2015 13:40	0.001	0.0089	
11/30/2015 13:39	0.001	0.0089	
11/30/2015 13:38	0	0.0095	
11/30/2015 13:37	0	0.0095	
11/30/2015 13:36	0	0.0095	
11/30/2015 13:35	0	0.0105	
11/30/2015 13:34	0	0.0105	
11/30/2015 13:33	0	0.0105	
11/30/2015 13:32	0	0.0106	
11/30/2015 13:31	0	0.0106	
11/30/2015 13:30	0	0.0106	
11/30/2015 13:29	0	0.0106	
11/30/2015 13:28	0	0.0106	
11/30/2015 13:27	0	0.0106	
11/30/2015 13:26	0	0.0106	
11/30/2015 13:25	0	0.0106	
11/30/2015 13:24	0	0.0106	
11/30/2015 13:23	0	0.0099	
11/30/2015 13:22	0	0.0099	
11/30/2015 13:21	0	0.01	
11/30/2015 13:20	0	0.009	
11/30/2015 13:19	0	0.009	
11/30/2015 13:18	0	0.009	
11/30/2015 13:17	0	0.009	
11/30/2015 13:16	0	0.0091	
11/30/2015 13:15	0	0.0091	
11/30/2015 13:14	0	0.0091	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/30/2015 13:13	0	0.0091	
11/30/2015 13:12	0	0.0092	
11/30/2015 13:11	0	0.0092	
11/30/2015 13:10	0	0.0092	
11/30/2015 13:09	0	0.0092	
11/30/2015 13:08	0	0.0092	
11/30/2015 13:07	0	0.0092	
11/30/2015 13:06	0	0.0093	
11/30/2015 13:05	0	0.0093	
11/30/2015 13:04	0	0.0094	
11/30/2015 13:03	0	0.0095	
11/30/2015 13:02	0	0.0097	
11/30/2015 13:01	0	0.0095	
11/30/2015 13:00	0	0.009	
11/25/2015 10:04	0.009	0.0265	
11/25/2015 10:03	0.008	0.0269	
11/25/2015 10:02	0.006	0.0269	
11/25/2015 10:01	0.006	0.027	
11/25/2015 10:00	0.006	0.0272	
11/25/2015 9:59	0.006	0.0274	
11/25/2015 9:58	0.004	0.0276	
11/25/2015 9:57	0.004	0.0278	
11/25/2015 9:56	0.004	0.0279	
11/25/2015 9:55	0.002	0.0281	
11/25/2015 9:54	0.002	0.0284	
11/25/2015 9:53	0.002	0.0277	
11/25/2015 9:52	0	0.0279	
11/25/2015 9:51	0	0.0281	
11/25/2015 9:50	0	0.0286	
11/25/2015 9:49	0	0.0291	
11/25/2015 9:48	0	0.0295	
11/25/2015 9:47	0	0.0299	
11/25/2015 9:46	0	0.0303	
11/25/2015 9:45	0	0.0307	
11/25/2015 9:44	0	0.0311	
11/25/2015 9:43	0	0.0315	
11/25/2015 9:42	0	0.032	
11/25/2015 9:41	0	0.0325	
11/25/2015 9:40	0	0.033	
11/25/2015 9:39	0	0.0334	
11/25/2015 9:38	0	0.0339	
11/25/2015 9:37	0	0.0343	
11/25/2015 9:36	0	0.0347	
11/25/2015 9:35	0	0.0348	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/25/2015 9:34	0	0.035	
11/25/2015 9:33	0	0.0351	
11/25/2015 9:32	0	0.0353	
11/25/2015 9:31	0	0.0356	
11/25/2015 9:30	0	0.0357	
11/25/2015 9:29	0	0.0357	
11/25/2015 9:28	0	0.0356	
11/25/2015 9:27	0	0.0354	
11/25/2015 9:26	0	0.0353	
11/25/2015 9:25	0	0.0352	
11/25/2015 9:24	0	0.0351	
11/25/2015 9:23	0	0.0349	
11/25/2015 9:22	0	0.0349	
11/25/2015 9:21	0	0.0349	
11/25/2015 9:20	0	0.0348	
11/25/2015 9:19	0	0.0347	
11/25/2015 9:18	0	0.0346	
11/25/2015 9:17	0	0.0344	
11/25/2015 9:16	0	0.0343	
11/25/2015 9:15	0	0.0342	
11/25/2015 9:14	0	0.0341	
11/25/2015 9:13	0	0.0341	
11/25/2015 9:12	0	0.0342	
11/25/2015 9:11	0	0.0341	
11/25/2015 9:10	0	0.0344	
11/25/2015 9:09	0	0.0343	
11/25/2015 9:08	0	0.0343	
11/25/2015 9:07	0	0.0341	
11/25/2015 9:06	0	0.0338	
11/25/2015 9:05	0	0.0337	
11/25/2015 9:04	0	0.0335	
11/25/2015 9:03	0	0.0335	
11/25/2015 9:02	0	0.0335	
11/25/2015 9:01	0	0.0333	
11/25/2015 9:00	0	0.0333	
11/25/2015 8:59	0	0.0333	
11/25/2015 8:58	0	0.0333	
11/25/2015 8:57	0	0.0334	
11/25/2015 8:56	0	0.0334	
11/25/2015 8:55	0	0.033	
11/25/2015 8:54	0	0.0329	
11/25/2015 8:53	0	0.0329	
11/25/2015 8:52	0	0.0329	
11/25/2015 8:51	0	0.0329	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/25/2015 8:50	0	0.033	
11/25/2015 8:49	0	0.0331	
11/25/2015 8:48	0	0.0331	
11/25/2015 8:47	0	0.0332	
11/25/2015 8:46	0	0.0333	
11/25/2015 8:45	0	0.0333	
11/25/2015 8:44	0	0.0333	
11/25/2015 8:43	0	0.0333	
11/25/2015 8:42	0	0.0331	
11/25/2015 8:41	0	0.0332	
11/25/2015 8:40	0	0.0335	
11/25/2015 8:39	0	0.0336	
11/25/2015 8:38	0	0.0336	
11/25/2015 8:37	0	0.0337	
11/25/2015 8:36	0	0.0337	
11/25/2015 8:35	0	0.0338	
11/25/2015 8:34	0	0.0339	
11/25/2015 8:33	0	0.034	
11/25/2015 8:32	0	0.034	
11/25/2015 8:31	0	0.0342	
11/25/2015 8:30	0	0.0344	
11/25/2015 8:29	0	0.0345	
11/25/2015 8:28	0	0.035	
11/25/2015 8:27	0	0.0355	
11/25/2015 8:26	0	0.037	
11/25/2015 8:25			
11/24/2015 16:04	0	0.0265	
11/24/2015 16:03	0	0.0265	
11/24/2015 16:02	0	0.0266	
11/24/2015 16:01	0	0.0266	
11/24/2015 16:00	0	0.0266	
11/24/2015 15:59	0	0.0267	
11/24/2015 15:58	0	0.0267	
11/24/2015 15:57	0	0.0266	
11/24/2015 15:56	0	0.0265	
11/24/2015 15:55	0	0.0265	
11/24/2015 15:54	0	0.0263	
11/24/2015 15:53	0	0.0262	
11/24/2015 15:52	0	0.0261	
11/24/2015 15:51	0	0.026	
11/24/2015 15:50	0	0.0258	
11/24/2015 15:49	0	0.0257	
11/24/2015 15:46		0.0256	
11/24/2015 15:45	0	0.0255	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 15:44	0	0.0254	
11/24/2015 15:43	0	0.0253	
11/24/2015 15:42	0	0.0253	
11/24/2015 15:41	0	0.0253	
11/24/2015 15:40	0	0.0253	
11/24/2015 15:39	0	0.0254	
11/24/2015 15:38	0	0.0255	
11/24/2015 15:37	0	0.0256	
11/24/2015 15:36	0	0.0257	
11/24/2015 15:35	0	0.0259	
11/24/2015 15:34	0	0.026	
11/24/2015 15:33	0	0.0261	
11/24/2015 15:32	0	0.0262	
11/24/2015 15:31	0	0.0263	
11/24/2015 15:30	0	0.0265	
11/24/2015 15:29	0	0.0266	
11/24/2015 15:28	0	0.0267	
11/24/2015 15:27	0	0.0267	
11/24/2015 15:26	0	0.0267	
11/24/2015 15:25	0	0.0267	
11/24/2015 15:24	0	0.0267	
11/24/2015 15:23	0	0.0265	
11/24/2015 15:22	0	0.0265	
11/24/2015 15:21	0	0.0265	
11/24/2015 15:20	0	0.0264	
11/24/2015 15:19	0	0.0263	
11/24/2015 15:18	0	0.0263	
11/24/2015 15:17	0	0.0263	
11/24/2015 15:16	0	0.0262	
11/24/2015 15:15	0	0.0261	
11/24/2015 15:14	0	0.0261	
11/24/2015 15:13	0	0.0261	
11/24/2015 15:12	0	0.0261	
11/24/2015 15:11	0	0.0261	
11/24/2015 15:10	0	0.0261	
11/24/2015 15:09	0	0.0261	
11/24/2015 15:08	0	0.0262	
11/24/2015 15:07	0	0.0262	
11/24/2015 15:06	0	0.0261	
11/24/2015 15:05	0	0.0261	
11/24/2015 15:04	0	0.0261	
11/24/2015 15:03	0	0.0261	
11/24/2015 15:02	0	0.026	
11/24/2015 15:01	0	0.0259	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 15:00	0	0.0259	
11/24/2015 14:59	0	0.0258	
11/24/2015 14:58	0	0.0257	
11/24/2015 14:57	0	0.0256	
11/24/2015 14:56	0	0.0255	
11/24/2015 14:55	0	0.0255	
11/24/2015 14:54	0	0.0254	
11/24/2015 14:53	0	0.0253	
11/24/2015 14:52	0	0.0253	
11/24/2015 14:51	0	0.0252	
11/24/2015 14:50	0	0.0251	
11/24/2015 14:49	0	0.0251	
11/24/2015 14:48	0	0.0251	
11/24/2015 14:47	0	0.0251	
11/24/2015 14:46	0	0.0251	
11/24/2015 14:45	0	0.0251	
11/24/2015 14:44	0	0.0251	
11/24/2015 14:43	0	0.0251	
11/24/2015 14:42	0	0.0251	
11/24/2015 14:41	0	0.0251	
11/24/2015 14:40	0	0.0251	
11/24/2015 14:39	0	0.0251	
11/24/2015 14:38	0	0.0251	
11/24/2015 14:37	0	0.0251	
11/24/2015 14:36	0	0.0251	
11/24/2015 14:35	0	0.0251	
11/24/2015 14:34	0	0.0251	
11/24/2015 14:33	0	0.0251	
11/24/2015 14:32	0	0.0251	
11/24/2015 14:31	0	0.0251	
11/24/2015 14:30	0	0.025	
11/24/2015 14:29	0	0.025	
11/24/2015 14:28	0	0.025	
11/24/2015 14:27	0	0.025	
11/24/2015 14:26	0	0.0251	
11/24/2015 14:25	0	0.0251	
11/24/2015 14:24	0	0.0252	
11/24/2015 14:23	0	0.0253	
11/24/2015 14:22	0	0.0253	
11/24/2015 14:21	0	0.0253	
11/24/2015 14:20	0	0.0254	
11/24/2015 14:19	0	0.0255	
11/24/2015 14:18	0	0.0255	
11/24/2015 14:17	0	0.0256	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 14:16	0	0.0257	
11/24/2015 14:15	0	0.0257	
11/24/2015 14:14	0	0.0258	
11/24/2015 14:13	0	0.0259	
11/24/2015 14:12	0	0.0259	
11/24/2015 14:11	0	0.0259	
11/24/2015 14:10	0	0.0259	
11/24/2015 14:09	0	0.0259	
11/24/2015 14:08	0	0.0259	
11/24/2015 14:07	0	0.0259	
11/24/2015 14:06	0	0.0259	
11/24/2015 14:05	0	0.0259	
11/24/2015 14:04	0	0.0259	
11/24/2015 14:03	0	0.0259	
11/24/2015 14:02	0	0.0259	
11/24/2015 14:01	0	0.0258	
11/24/2015 14:00	0	0.0257	
11/24/2015 13:59	0	0.0257	
11/24/2015 13:58	0	0.0256	
11/24/2015 13:57	0	0.0256	
11/24/2015 13:56	0	0.0255	
11/24/2015 13:55	0	0.0254	
11/24/2015 13:54	0	0.0252	
11/24/2015 13:53	0	0.0251	
11/24/2015 13:52	0	0.0249	
11/24/2015 13:51	0	0.0248	
11/24/2015 13:50	0	0.0247	
11/24/2015 13:49	0	0.0245	
11/24/2015 13:48	0	0.0243	
11/24/2015 13:47	0	0.0243	
11/24/2015 13:46	0	0.0242	
11/24/2015 13:45	0	0.0241	
11/24/2015 13:44	0	0.0241	
11/24/2015 13:43	0	0.0241	
11/24/2015 13:42	0	0.0241	
11/24/2015 13:41	0	0.0241	
11/24/2015 13:40	0	0.0242	
11/24/2015 13:39	0	0.0243	
11/24/2015 13:38	0	0.0243	
11/24/2015 13:37	0	0.0243	
11/24/2015 13:36	0	0.0244	
11/24/2015 13:35	0	0.0245	
11/24/2015 13:34	0	0.0245	
11/24/2015 13:33	0	0.0247	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 13:32	0	0.0247	
11/24/2015 13:31	0	0.0248	
11/24/2015 13:30	0	0.0248	
11/24/2015 13:29	0	0.0247	
11/24/2015 13:28	0	0.0247	
11/24/2015 13:27	0	0.0247	
11/24/2015 13:26	0	0.0247	
11/24/2015 13:25	0	0.0248	
11/24/2015 13:24	0	0.025	
11/24/2015 13:23	0	0.0251	
11/24/2015 13:22	0	0.0251	
11/24/2015 13:21	0	0.0252	
11/24/2015 13:20	0	0.0252	
11/24/2015 13:19	0	0.0252	
11/24/2015 13:18	0	0.0253	
11/24/2015 13:17	0	0.0254	
11/24/2015 13:16	0	0.0255	
11/24/2015 13:15	0	0.0255	
11/24/2015 13:14	0	0.0256	
11/24/2015 13:13	0	0.0256	
11/24/2015 13:12	0	0.0256	
11/24/2015 13:11	0	0.0257	
11/24/2015 13:10	0	0.0257	
11/24/2015 13:09	0	0.0255	
11/24/2015 13:08	0	0.0255	
11/24/2015 13:07	0	0.0256	
11/24/2015 13:06	0	0.0256	
11/24/2015 13:05	0	0.0257	
11/24/2015 13:04	0	0.0257	
11/24/2015 13:03	0	0.0257	
11/24/2015 13:02	0	0.0257	
11/24/2015 13:01	0	0.0257	
11/24/2015 13:00	0	0.0257	
11/24/2015 12:59	0	0.0259	
11/24/2015 12:58	0	0.026	
11/24/2015 12:57	0	0.0261	
11/24/2015 12:56	0	0.0262	
11/24/2015 12:55	0	0.0263	
11/24/2015 12:54	0	0.0263	
11/24/2015 12:53	0	0.0264	
11/24/2015 12:52	0	0.0264	
11/24/2015 12:51	0	0.0265	
11/24/2015 12:50	0	0.0265	
11/24/2015 12:49	0	0.0266	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 12:48	0	0.0267	
11/24/2015 12:47	0	0.0267	
11/24/2015 12:46	0	0.0267	
11/24/2015 12:45	0	0.0268	
11/24/2015 12:44	0	0.0268	
11/24/2015 12:43	0	0.0268	
11/24/2015 12:42	0	0.0268	
11/24/2015 12:41	0	0.0268	
11/24/2015 12:40	0	0.0268	
11/24/2015 12:39	0	0.0269	
11/24/2015 12:38	0	0.0269	
11/24/2015 12:37	0	0.0271	
11/24/2015 12:36	0	0.0271	
11/24/2015 12:35	0	0.0271	
11/24/2015 12:34	0	0.0272	
11/24/2015 12:33	0	0.0272	
11/24/2015 12:32	0	0.0273	
11/24/2015 12:31	0	0.0273	
11/24/2015 12:30	0	0.0273	
11/24/2015 12:29	0	0.0273	
11/24/2015 12:28	0	0.0273	
11/24/2015 12:27	0	0.0273	
11/24/2015 12:26	0	0.0273	
11/24/2015 12:25	0	0.0273	
11/24/2015 12:24	0	0.0272	
11/24/2015 12:23	0	0.0271	
11/24/2015 12:22	0	0.0271	
11/24/2015 12:21	0	0.0271	
11/24/2015 12:20	0	0.027	
11/24/2015 12:19	0	0.0269	
11/24/2015 12:18	0	0.0269	
11/24/2015 12:17	0	0.0269	
11/24/2015 12:16	0	0.0269	
11/24/2015 12:15	0	0.0268	
11/24/2015 12:14	0	0.0268	
11/24/2015 12:13	0	0.0269	
11/24/2015 12:12	0	0.0269	
11/24/2015 12:11	0	0.0269	
11/24/2015 12:10	0	0.0269	
11/24/2015 12:09	0	0.0269	
11/24/2015 12:08	0	0.0268	
11/24/2015 12:07	0	0.0267	
11/24/2015 12:06	0	0.0267	
11/24/2015 12:05	0	0.0266	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 12:04	0	0.0266	
11/24/2015 12:03	0	0.0265	
11/24/2015 12:02	0	0.0265	
11/24/2015 12:01	0	0.0265	
11/24/2015 12:00	0	0.0265	
11/24/2015 11:59	0	0.0264	
11/24/2015 11:58	0	0.0262	
11/24/2015 11:57	0	0.0261	
11/24/2015 11:56	0	0.0261	
11/24/2015 11:55	0	0.0261	
11/24/2015 11:54	0	0.0261	
11/24/2015 11:53	0	0.0261	
11/24/2015 11:52	0	0.0261	
11/24/2015 11:51	0	0.0261	
11/24/2015 11:50	0	0.0261	
11/24/2015 11:49	0	0.026	
11/24/2015 11:48	0	0.0259	
11/24/2015 11:47	0	0.0259	
11/24/2015 11:46	0	0.026	
11/24/2015 11:45	0	0.0259	
11/24/2015 11:44	0	0.0259	
11/24/2015 11:43	0	0.0258	
11/24/2015 11:42	0	0.0257	
11/24/2015 11:41	0	0.0257	
11/24/2015 11:40	0	0.0256	
11/24/2015 11:39	0	0.0255	
11/24/2015 11:38	0	0.0254	
11/24/2015 11:37	0	0.0254	
11/24/2015 11:36	0	0.0253	
11/24/2015 11:35	0	0.0253	
11/24/2015 11:34	0	0.0252	
11/24/2015 11:33	0	0.0252	
11/24/2015 11:32	0	0.0251	
11/24/2015 11:31	0	0.025	
11/24/2015 11:30	0	0.025	
11/24/2015 11:29	0	0.025	
11/24/2015 11:28	0	0.025	
11/24/2015 11:27	0	0.025	
11/24/2015 11:26	0	0.025	
11/24/2015 11:25	0	0.025	
11/24/2015 11:24	0	0.025	
11/24/2015 11:23	0	0.025	
11/24/2015 11:22	0	0.0249	
11/24/2015 11:21	0	0.0249	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 11:20	0	0.0249	
11/24/2015 11:19	0	0.0249	
11/24/2015 11:18	0	0.0249	
11/24/2015 11:17	0	0.0249	
11/24/2015 11:16	0	0.0248	
11/24/2015 11:15	0	0.0248	
11/24/2015 11:14	0	0.0248	
11/24/2015 11:13	0	0.0249	
11/24/2015 11:12	0	0.025	
11/24/2015 11:11	0	0.0251	
11/24/2015 11:10	0	0.0253	
11/24/2015 11:09	0	0.0254	
11/24/2015 11:08	0	0.0256	
11/24/2015 11:07	0	0.0259	
11/24/2015 11:06	0	0.0261	
11/24/2015 11:05	0	0.0263	
11/24/2015 11:04	0	0.0266	
11/24/2015 11:03	0	0.0269	
11/24/2015 11:02	0	0.0271	
11/24/2015 11:01	0	0.0276	
11/24/2015 11:00	0	0.0279	
11/24/2015 10:59	0	0.0283	
11/24/2015 10:58	0	0.0285	
11/24/2015 10:57	0	0.0287	
11/24/2015 10:56	0	0.029	
11/24/2015 10:55	0	0.0293	
11/24/2015 10:54	0	0.0297	
11/24/2015 10:53	0	0.03	
11/24/2015 10:52	0	0.0305	
11/24/2015 10:51	0	0.0308	
11/24/2015 10:50	0	0.0309	
11/24/2015 10:49	0	0.0312	
11/24/2015 10:48	0	0.0314	
11/24/2015 10:47	0.02	0.0317	
11/24/2015 10:46	0.02	0.0317	
11/24/2015 10:45	0.02	0.0319	
11/24/2015 10:44	0.02	0.032	
11/24/2015 10:43	0.02	0.0321	
11/24/2015 10:42	0.06	0.0323	
11/24/2015 10:41	0.06	0.0325	
11/24/2015 10:40	0.06	0.0325	
11/24/2015 10:39	0.06	0.0325	
11/24/2015 10:38	0.2	0.0325	
11/24/2015 10:37	0.2	0.0323	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 10:36	0.2	0.0323	
11/24/2015 10:35	0.2	0.0323	
11/24/2015 10:34	0.2	0.0323	
11/24/2015 10:33	0.2	0.0323	
11/24/2015 10:32	0.2	0.0322	
11/24/2015 10:31	0.2	0.0321	
11/24/2015 10:30	0.2	0.0321	
11/24/2015 10:29	0.2	0.032	
11/24/2015 10:28	0.2	0.032	
11/24/2015 10:27	0.202	0.0319	
11/24/2015 10:26	0.202	0.0318	
11/24/2015 10:25	0.202	0.0317	
11/24/2015 10:24	0.202	0.0317	
11/24/2015 10:23	0.202	0.0317	
11/24/2015 10:22	0.202	0.0317	
11/24/2015 10:21	0.167	0.0315	
11/24/2015 10:20	0.167	0.0316	
11/24/2015 10:19	0.164	0.0316	
11/24/2015 10:18	0.164	0.0315	
11/24/2015 10:17	0.138	0.0316	
11/24/2015 10:16	0.138	0.0319	
11/24/2015 10:15	0.129	0.0318	
11/24/2015 10:14	0.129	0.032	
11/24/2015 10:13	0.129	0.0319	
11/24/2015 10:12	0.079	0.0318	
11/24/2015 10:11	0.043	0.0317	
11/24/2015 10:10	0.043	0.0316	
11/24/2015 10:09	0.034	0.0315	
11/24/2015 10:08	0.018	0.0314	
11/24/2015 10:07	0.018	0.0314	
11/24/2015 10:06	0.018	0.0314	
11/24/2015 10:05	0.018	0.0313	
11/24/2015 10:04	0.018	0.0313	
11/24/2015 10:03	0.018	0.0311	
11/24/2015 10:02	0.018	0.0308	
11/24/2015 10:01	0.018	0.0303	
11/24/2015 10:00	0.018	0.0301	
11/24/2015 9:59	0.018	0.0298	
11/24/2015 9:58	0.018	0.0298	
11/24/2015 9:57	0.018	0.0297	
11/24/2015 9:56	0.018	0.0297	
11/24/2015 9:55	0.018	0.0298	
11/24/2015 9:54	0.018	0.0297	
11/24/2015 9:50	1.53		

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 9:49	1.522	0.0297	
11/24/2015 9:48	1.51	0.0297	
11/24/2015 9:47	1.49	0.0298	
11/24/2015 9:46	1.49	0.0299	
11/24/2015 9:45	1.481	0.03	
11/24/2015 9:44	1.481	0.03	
11/24/2015 9:43	1.463	0.0301	
11/24/2015 9:42	1.463	0.0303	
11/24/2015 9:41	1.449	0.0304	
11/24/2015 9:40	1.424	0.0304	
11/24/2015 9:39	1.424	0.0305	
11/24/2015 9:38	1.424	0.0306	
11/24/2015 9:37	1.414	0.0307	
11/24/2015 9:36	1.414	0.0309	
11/24/2015 9:35	1.383	0.0309	
11/24/2015 9:34	1.383	0.0312	
11/24/2015 9:33	1.355	0.0313	
11/24/2015 9:32	1.355	0.0315	
11/24/2015 9:31	1.347	0.0316	
11/24/2015 9:30	1.319	0.0316	
11/24/2015 9:29	1.308	0.0317	
11/24/2015 9:28	1.286	0.0318	
11/24/2015 9:27	1.274	0.0317	
11/24/2015 9:26	1.248	0.0317	
11/24/2015 9:25	1.247	0.0317	
11/24/2015 9:24	1.247	0.0317	
11/24/2015 9:23	1.235	0.0316	
11/24/2015 9:22	1.218	0.0316	
11/24/2015 9:21	1.183	0.0315	
11/24/2015 9:20	1.174	0.0317	
11/24/2015 9:19	1.17	0.0316	
11/24/2015 9:18	1.149	0.0316	
11/24/2015 9:17	1.149	0.0315	
11/24/2015 9:16	1.139	0.0316	
11/24/2015 9:15	1.139	0.0318	
11/24/2015 9:14	1.106	0.0319	
11/24/2015 9:13	1.066	0.0319	
11/24/2015 9:12	1.057	0.0321	
11/24/2015 9:11	1.05	0.0322	
11/24/2015 9:10	1.026	0.0325	
11/24/2015 9:09	1.019	0.0328	
11/24/2015 9:08	0.999	0.033	
11/24/2015 9:07	0.986	0.033	
11/24/2015 9:06	0.985	0.0331	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 9:05	0.97	0.0333	
11/24/2015 9:04	0.954	0.0335	
11/24/2015 9:03	0.918	0.0338	
11/24/2015 9:02	0.918	0.034	
11/24/2015 9:01	0.918	0.0343	
11/24/2015 9:00	0.904	0.0344	
11/24/2015 8:59	0.902	0.0345	
11/24/2015 8:58	0.875	0.0347	
11/24/2015 8:57	0.855	0.0348	
11/24/2015 8:56	0.841	0.0348	
11/24/2015 8:55	0.829	0.0348	
11/24/2015 8:54	0.805	0.0347	
11/24/2015 8:53	0.778	0.0347	
11/24/2015 8:52	0.778	0.0349	
11/24/2015 8:51	0.759	0.0349	
11/24/2015 8:50	0.754	0.0347	
11/24/2015 8:49	0.724	0.0346	
11/24/2015 8:48	0.723	0.0344	
11/24/2015 8:47	0.692	0.0343	
11/24/2015 8:46	0.685	0.034	
11/24/2015 8:45	0.663	0.0337	
11/24/2015 8:44	0.63	0.0335	
11/24/2015 8:43	0.618	0.0335	
11/24/2015 8:42	0.61	0.0339	
11/24/2015 8:41	0.598	0.0339	
11/24/2015 8:40	0.565	0.0348	
11/24/2015 8:39	0.557	0.0357	
11/24/2015 8:38	0.557	0.0358	
11/24/2015 8:37	0.554	0.0358	
11/24/2015 8:36	0.532	0.0359	
11/24/2015 8:35	0.527	0.0359	
11/24/2015 8:34	0.527	0.0359	
11/24/2015 8:33	0.489	0.0362	
11/24/2015 8:32	0.489	0.0362	
11/24/2015 8:31	0.489	0.0363	
11/24/2015 8:30	0.478	0.0363	
11/24/2015 8:29	0.464	0.0364	
11/24/2015 8:28	0.435	0.0367	
11/24/2015 8:27	0.435	0.0362	
11/24/2015 8:26	0.429	0.0363	
11/24/2015 8:25	0.405	0.0352	
11/24/2015 8:24	0.389	0.0345	
11/24/2015 8:23	0.371	0.0342	
11/24/2015 8:22	0.35	0.0339	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/24/2015 8:21	0.327	0.0337	
11/24/2015 8:20	0.322	0.0336	
11/24/2015 8:19	0.297	0.0333	
11/24/2015 8:18	0.289	0.0329	
11/24/2015 8:17	0.281	0.0328	
11/24/2015 8:16	0.252	0.0325	
11/24/2015 8:15	0.252	0.0323	
11/24/2015 8:14	0.236	0.032	
11/24/2015 8:13	0.212	0.0313	
11/24/2015 8:12	0.211	0.0312	
11/24/2015 8:11	0.199	0.0309	
11/24/2015 8:10	0.167	0.0305	
11/24/2015 8:09	0.163	0.0299	
11/24/2015 8:08	0.14	0.0297	
11/24/2015 8:07	0.12	0.0294	
11/24/2015 8:06	0.112	0.0291	
11/24/2015 8:05	0.098	0.0287	
11/24/2015 8:04	0.074	0.0285	
11/24/2015 8:03	0.049	0.0282	
11/24/2015 8:02	0.049	0.028	
11/24/2015 8:01	0.049	0.0279	
11/24/2015 8:00	0.049	0.0278	
11/24/2015 7:59	0.049	0.0277	
11/24/2015 7:58	0.049	0.0276	
11/24/2015 7:57	0.049	0.0271	
11/24/2015 7:56	0.049	0.0269	
11/24/2015 7:55	0.049	0.0269	
11/24/2015 7:54	0.049	0.0268	
11/24/2015 7:53	0.049	0.0266	
11/24/2015 7:52	0.049	0.0265	
11/24/2015 7:51	0.049	0.0267	
11/24/2015 7:50	0.049	0.027	
11/24/2015 7:49	0.049	0.027	
11/23/2015 17:28	0.815	0.0149	
11/23/2015 17:27	0.795	0.0146	
11/23/2015 17:26	0.756	0.0145	
11/23/2015 17:25	0.756	0.0146	
11/23/2015 17:24	0.756	0.0147	
11/23/2015 17:23	0.756	0.0153	
11/23/2015 17:22	0.756	0.016	
11/23/2015 17:21	0.748	0.0166	
11/23/2015 17:20	0.748	0.0178	
11/23/2015 17:19	0.748	0.019	
11/23/2015 17:18	0.748	0.0207	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 17:17	0.748	0.0209	
11/23/2015 17:16	0.748	0.0211	
11/23/2015 17:15	0.718	0.0213	
11/23/2015 17:14	0.696	0.0215	
11/23/2015 17:13	0.696	0.0214	
11/23/2015 17:12	0.696	0.0215	
11/23/2015 17:11	0.696	0.0214	
11/23/2015 17:10	0.696	0.0209	
11/23/2015 17:09	0.696	0.0203	
11/23/2015 17:08	0.696	0.0193	
11/23/2015 17:07	0.685	0.0184	
11/23/2015 17:06	0.663	0.0175	
11/23/2015 17:05	0.663	0.0158	
11/23/2015 17:04	0.62	0.0141	
11/23/2015 17:03	0.603	0.0121	
11/23/2015 17:02	0.603	0.0115	
11/23/2015 17:01	0.603	0.0107	
11/23/2015 17:00	0.576	0.0097	
11/23/2015 16:59	0.493	0.0085	
11/23/2015 16:58	0.459	0.0079	
11/23/2015 16:57	0.459	0.0072	
11/23/2015 16:56	0.459	0.0067	
11/23/2015 16:55	0.459	0.0065	
11/23/2015 16:54	0.459	0.0063	
11/23/2015 16:53	0.459	0.0063	
11/23/2015 16:52	0.459	0.0059	
11/23/2015 16:51	0.459	0.0059	
11/23/2015 16:50	0.459	0.0059	
11/23/2015 16:49	0.459	0.0058	
11/23/2015 16:48	0.449	0.0057	
11/23/2015 16:47	0.427	0.0053	
11/23/2015 16:46	0.427	0.0053	
11/23/2015 16:45	0.409	0.0053	
11/23/2015 16:44	0.403	0.0052	
11/23/2015 16:43	0.403	0.0051	
11/23/2015 16:42	0.403	0.0051	
11/23/2015 16:41	0.403	0.0051	
11/23/2015 16:40	0.403	0.0051	
11/23/2015 16:39	0.393	0.0051	
11/23/2015 16:38	0.368	0.0051	
11/23/2015 16:37	0.368	0.0051	
11/23/2015 16:36	0.358	0.005	
11/23/2015 16:35	0.358	0.005	
11/23/2015 16:34	0.358	0.005	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 16:33	0.358	0.005	
11/23/2015 16:32	0.358	0.005	
11/23/2015 16:31	0.335	0.005	
11/23/2015 16:30	0.335	0.005	
11/23/2015 16:29	0.335	0.005	
11/23/2015 16:28	0.335	0.005	
11/23/2015 16:27	0.335	0.005	
11/23/2015 16:26	0.335	0.005	
11/23/2015 16:25	0.335	0.005	
11/23/2015 16:24	0.333	0.005	
11/23/2015 16:23	0.333	0.005	
11/23/2015 16:22	0.333	0.0049	
11/23/2015 16:21	0.328	0.0049	
11/23/2015 16:20	0.328	0.0048	
11/23/2015 16:19	0.311	0.0047	
11/23/2015 16:18	0.311	0.0047	
11/23/2015 16:17	0.311	0.0046	
11/23/2015 16:16	0.311	0.0045	
11/23/2015 16:15	0.311	0.0045	
11/23/2015 16:14	0.311	0.0045	
11/23/2015 16:13	0.311	0.0044	
11/23/2015 16:12	0.311	0.0044	
11/23/2015 16:11	0.305	0.0043	
11/23/2015 16:10	0.295	0.0043	
11/23/2015 16:09	0.292	0.0042	
11/23/2015 16:08	0.292	0.0041	
11/23/2015 16:07	0.292	0.0041	
11/23/2015 16:06	0.264	0.0041	
11/23/2015 16:05	0.264	0.0041	
11/23/2015 16:04	0.264	0.0041	
11/23/2015 16:03	0.264	0.0041	
11/23/2015 16:02	0.264	0.0042	
11/23/2015 16:01	0.264	0.0042	
11/23/2015 16:00	0.264	0.0041	
11/23/2015 15:59	0.264	0.004	
11/23/2015 15:58	0.264	0.0039	
11/23/2015 15:57	0.264	0.0038	
11/23/2015 15:56	0.264	0.0037	
11/23/2015 15:55	0.264	0.0036	
11/23/2015 15:54	0.264	0.0035	
11/23/2015 15:53	0.264	0.0035	
11/23/2015 15:52	0.264	0.0034	
11/23/2015 15:51	0.281	0.0033	
11/23/2015 15:50	0.286	0.0032	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 15:47	0.286	0.0033	
11/23/2015 15:46	0.297	0.0033	
11/23/2015 15:45	0.319	0.0032	
11/23/2015 15:44	0.319	0.0033	
11/23/2015 15:43	0.319	0.0033	
11/23/2015 15:42	0.319	0.0034	
11/23/2015 15:41	0.319	0.0035	
11/23/2015 15:40	0.319	0.0035	
11/23/2015 15:39	0.319	0.0036	
11/23/2015 15:38	0.319	0.0037	
11/23/2015 15:37	0.339	0.0037	
11/23/2015 15:36	0.339	0.0037	
11/23/2015 15:35	0.339	0.0038	
11/23/2015 15:34	0.339	0.0038	
11/23/2015 15:33	0.339	0.0039	
11/23/2015 15:32	0.339	0.0039	
11/23/2015 15:31	0.339	0.0039	
11/23/2015 15:30	0.339	0.004	
11/23/2015 15:29	0.339	0.004	
11/23/2015 15:28	0.339	0.004	
11/23/2015 15:27	0.339	0.0041	
11/23/2015 15:26	0.339	0.0042	
11/23/2015 15:25	0.317	0.0139	
11/23/2015 15:24	0.317	0.0143	
11/23/2015 15:23	0.317	0.0143	
11/23/2015 15:22	0.317	0.0143	
11/23/2015 15:21	0.317	0.0144	
11/23/2015 15:20	0.317	0.0144	
11/23/2015 15:19	0.317	0.0144	
11/23/2015 15:18	0.317	0.0143	
11/23/2015 15:17	0.317	0.0143	
11/23/2015 15:16	0.317	0.0143	
11/23/2015 15:15	0.317	0.0143	
11/23/2015 15:14	0.317	0.0143	
11/23/2015 15:13	0.317	0.0143	
11/23/2015 15:12	0.317	0.0145	
11/23/2015 15:11	0.317	0.0145	
11/23/2015 15:10	0.331	0.0051	
11/23/2015 15:09	0.331	0.0047	
11/23/2015 15:08	0.331	0.0047	
11/23/2015 15:07	0.331	0.0047	
11/23/2015 15:06	0.331	0.0047	
11/23/2015 15:05	0.345	0.0047	
11/23/2015 15:04	0.345	0.0047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 15:03	0.345	0.0048	
11/23/2015 15:02	0.345	0.0047	
11/23/2015 15:01	0.358	0.0047	
11/23/2015 15:00	0.358	0.0056	
11/23/2015 14:59	0.358	0.0056	
11/23/2015 14:58	0.358	0.0057	
11/23/2015 14:57	0.358	0.0054	
11/23/2015 14:56	0.38	0.0053	
11/23/2015 14:55	0.38	0.0051	
11/23/2015 14:54	0.38	0.0053	
11/23/2015 14:53	0.38	0.0057	
11/23/2015 14:52	0.38	0.0057	
11/23/2015 14:51	0.38	0.0061	
11/23/2015 14:50	0.38	0.0062	
11/23/2015 14:49	0.38	0.0062	
11/23/2015 14:48	0.38	0.0061	
11/23/2015 14:47	0.38	0.0061	
11/23/2015 14:46	0.38	0.0061	
11/23/2015 14:45	0.38	0.0053	
11/23/2015 14:44	0.38	0.0053	
11/23/2015 14:43	0.38	0.0053	
11/23/2015 14:42	0.38	0.0053	
11/23/2015 14:41	0.38	0.0053	
11/23/2015 14:40	0.38	0.0052	
11/23/2015 14:39	0.38	0.0049	
11/23/2015 14:38	0.38	0.0046	
11/23/2015 14:37	0.36	0.0046	
11/23/2015 14:36	0.36	0.0042	
11/23/2015 14:35	0.266	0.0041	
11/23/2015 14:34	0.172	0.0041	
11/23/2015 14:33	0.172	0.0041	
11/23/2015 14:32	0.172	0.0041	
11/23/2015 14:31	0.172	0.0041	
11/23/2015 14:30	0.172	0.004	
11/23/2015 14:29	0.172	0.004	
11/23/2015 14:28	0.172	0.004	
11/23/2015 14:27	0.172	0.004	
11/23/2015 14:26	0.172	0.004	
11/23/2015 14:25	0.172	0.004	
11/23/2015 14:24	0.172	0.004	
11/23/2015 14:23	0.172	0.004	
11/23/2015 14:22	0.172	0.004	
11/23/2015 14:21	0.172	0.004	
11/23/2015 14:20	0.172	0.004	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 14:04	1.448	0.0043	
11/23/2015 14:03	1.448	0.0043	
11/23/2015 14:02	1.448	0.0043	
11/23/2015 14:01	1.448	0.0043	
11/23/2015 14:00	1.448	0.0043	
11/23/2015 13:59	1.448	0.0043	
11/23/2015 13:58	1.495	0.0043	
11/23/2015 13:57	1.524	0.0043	
11/23/2015 13:56	1.524	0.0042	
11/23/2015 13:55	1.524	0.0042	
11/23/2015 13:54	1.524	0.0042	
11/23/2015 13:53	1.524	0.0042	
11/23/2015 13:52	1.54	0.0042	
11/23/2015 13:51	1.54	0.004	
11/23/2015 13:50	1.542	0.004	
11/23/2015 13:49	1.524	0.0039	
11/23/2015 13:48	1.516	0.0039	
11/23/2015 13:47	1.516	0.0039	
11/23/2015 13:46	1.516	0.0039	
11/23/2015 13:45	1.516	0.0039	
11/23/2015 13:44	1.516	0.0039	
11/23/2015 13:43	1.506	0.0039	
11/23/2015 13:42	1.505	0.0039	
11/23/2015 13:41	1.505	0.0039	
11/23/2015 13:40	1.481	0.0038	
11/23/2015 13:39	1.481	0.0037	
11/23/2015 13:38	1.481	0.0037	
11/23/2015 13:37	1.481	0.0037	
11/23/2015 13:36	1.471	0.0037	
11/23/2015 13:35	1.461	0.0037	
11/23/2015 13:34	1.461	0.0037	
11/23/2015 13:33	1.444	0.0037	
11/23/2015 13:32	1.444	0.0038	
11/23/2015 13:31	1.444	0.0039	
11/23/2015 13:30	1.444	0.0039	
11/23/2015 13:29	1.444	0.0039	
11/23/2015 13:28	1.444	0.0039	
11/23/2015 13:27	1.444	0.004	
11/23/2015 13:26	1.444	0.0043	
11/23/2015 13:25	1.444	0.0045	
11/23/2015 13:24	1.444	0.0045	
11/23/2015 13:23	1.444	0.0045	
11/23/2015 13:22	1.444	0.0047	
11/23/2015 13:21	1.444	0.0047	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 13:20	1.444	0.0047	
11/23/2015 13:19	1.444	0.0047	
11/23/2015 13:18	1.454	0.0047	
11/23/2015 13:17	1.454	0.0045	
11/23/2015 13:16	1.454	0.0044	
11/23/2015 13:15	1.454	0.0044	
11/23/2015 13:14	1.454	0.0043	
11/23/2015 13:13	1.454	0.0042	
11/23/2015 13:12	1.454	0.0041	
11/23/2015 13:11	1.454	0.0037	
11/23/2015 13:10	1.454	0.0037	
11/23/2015 13:09	1.454	0.0037	
11/23/2015 13:08	1.485	0.004	
11/23/2015 13:07	1.485	0.0038	
11/23/2015 13:06	1.485	0.0038	
11/23/2015 13:05	1.485	0.0039	
11/23/2015 13:04	1.485	0.0039	
11/23/2015 13:03	1.485	0.0039	
11/23/2015 13:02	1.485	0.0039	
11/23/2015 13:01	1.485	0.004	
11/23/2015 13:00	1.485	0.004	
11/23/2015 12:59	1.485	0.0041	
11/23/2015 12:58	1.485	0.0041	
11/23/2015 12:57	1.485	0.0041	
11/23/2015 12:56	1.485	0.0041	
11/23/2015 12:55	1.485	0.004	
11/23/2015 12:54	1.482	0.004	
11/23/2015 12:53	1.482	0.0037	
11/23/2015 12:52	1.482	0.0038	
11/23/2015 12:51	1.482	0.0038	
11/23/2015 12:50	1.482	0.0038	
11/23/2015 12:49	1.482	0.0037	
11/23/2015 12:48	1.482	0.0037	
11/23/2015 12:47	1.482	0.0038	
11/23/2015 12:46	1.482	0.0038	
11/23/2015 12:45	1.482	0.0038	
11/23/2015 12:44	1.482	0.0038	
11/23/2015 12:43	1.482	0.004	
11/23/2015 12:42	1.482	0.0041	
11/23/2015 12:41	1.482	0.0041	
11/23/2015 12:40	1.482	0.0042	
11/23/2015 12:39	1.485	0.0041	
11/23/2015 12:38	1.485	0.0041	
11/23/2015 12:37	1.485	0.004	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 12:36	1.485	0.004	
11/23/2015 12:35	1.485	0.0039	
11/23/2015 12:34	1.485	0.0039	
11/23/2015 12:33	1.485	0.0039	
11/23/2015 12:32	1.485	0.004	
11/23/2015 12:31	1.485	0.0039	
11/23/2015 12:30	1.485	0.0039	
11/23/2015 12:29	1.485	0.0039	
11/23/2015 12:28	1.485	0.0037	
11/23/2015 12:27	1.524	0.0037	
11/23/2015 12:26	1.524	0.0037	
11/23/2015 12:25	1.524	0.0037	
11/23/2015 12:24	1.524	0.0037	
11/23/2015 12:23	1.524	0.0037	
11/23/2015 12:22	1.524	0.0036	
11/23/2015 12:21	1.534	0.0035	
11/23/2015 12:20	1.534	0.0035	
11/23/2015 12:19	1.534	0.0035	
11/23/2015 12:18	1.534	0.0035	
11/23/2015 12:17	1.534	0.0035	
11/23/2015 12:16	1.534	0.0035	
11/23/2015 12:15	1.534	0.0035	
11/23/2015 12:14	1.534	0.0035	
11/23/2015 12:13	1.534	0.0035	
11/23/2015 12:12	1.534	0.0035	
11/23/2015 12:11	1.534	0.0035	
11/23/2015 12:10	1.565	0.0035	
11/23/2015 12:09	1.565	0.0036	
11/23/2015 12:08	1.565	0.0037	
11/23/2015 12:07	1.565	0.0037	
11/23/2015 12:06	1.565	0.0038	
11/23/2015 12:05	1.551	0.004	
11/23/2015 12:04	1.551	0.0042	
11/23/2015 12:03	1.551	0.0042	
11/23/2015 12:02	1.551	0.0043	
11/23/2015 12:01	1.551	0.0044	
11/23/2015 12:00	1.551	0.0045	
11/23/2015 11:59	1.551	0.0045	
11/23/2015 11:58	1.551	0.0045	
11/23/2015 11:57	1.551	0.0045	
11/23/2015 11:56	1.551	0.0045	
11/23/2015 11:55	1.551	0.0045	
11/23/2015 11:54	1.551	0.0046	
11/23/2015 11:53	1.551	0.0049	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 11:52	1.551	0.005	
11/23/2015 11:51	1.551	0.0051	
11/23/2015 11:50	1.568	0.0049	
11/23/2015 11:49	1.568	0.0048	
11/23/2015 11:48	1.568	0.0049	
11/23/2015 11:47	1.568	0.0048	
11/23/2015 11:46	1.568	0.0048	
11/23/2015 11:45	1.568	0.005	
11/23/2015 11:44	1.568	0.005	
11/23/2015 11:43	1.568	0.0051	
11/23/2015 11:42	1.568	0.0051	
11/23/2015 11:41	1.568	0.0051	
11/23/2015 11:40	1.568	0.0052	
11/23/2015 11:39	1.604	0.0053	
11/23/2015 11:38	1.613	0.005	
11/23/2015 11:37	1.613	0.0051	
11/23/2015 11:36	1.613	0.0051	
11/23/2015 11:35	1.613	0.0051	
11/23/2015 11:34	1.613	0.0051	
11/23/2015 11:33	1.613	0.0051	
11/23/2015 11:32	1.613	0.0051	
11/23/2015 11:31	1.613	0.005	
11/23/2015 11:30	1.613	0.0047	
11/23/2015 11:29	1.613	0.0048	
11/23/2015 11:28	1.613	0.0047	
11/23/2015 11:27	1.613	0.0047	
11/23/2015 11:26	1.598	0.0046	
11/23/2015 11:25	1.598	0.0045	
11/23/2015 11:24	1.592	0.0044	
11/23/2015 11:23	1.592	0.0043	
11/23/2015 11:22	1.592	0.0041	
11/23/2015 11:21	1.592	0.0041	
11/23/2015 11:20	1.582	0.0041	
11/23/2015 11:19	1.582	0.0041	
11/23/2015 11:18	1.581	0.0041	
11/23/2015 11:17	1.572	0.004	
11/23/2015 11:16	1.554	0.004	
11/23/2015 11:15	1.554	0.004	
11/23/2015 11:14	1.544	0.0039	
11/23/2015 11:13	1.544	0.004	
11/23/2015 11:12	1.538	0.004	
11/23/2015 11:11	1.538	0.004	
11/23/2015 11:10	1.538	0.004	
11/23/2015 11:09	1.538	0.004	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 11:08	1.538	0.0039	
11/23/2015 11:07	1.538	0.0041	
11/23/2015 11:06	1.538	0.0042	
11/23/2015 11:05	1.538	0.0043	
11/23/2015 11:04	1.538	0.0043	
11/23/2015 11:03	1.538	0.0043	
11/23/2015 11:02	1.538	0.0043	
11/23/2015 11:01	1.538	0.0042	
11/23/2015 11:00	1.536	0.0043	
11/23/2015 10:59	1.536	0.0042	
11/23/2015 10:58	1.536	0.0041	
11/23/2015 10:57	1.536	0.0041	
11/23/2015 10:56	1.526	0.004	
11/23/2015 10:55	1.526	0.0039	
11/23/2015 10:54	1.526	0.0043	
11/23/2015 10:53	1.526	0.0043	
11/23/2015 10:52	1.526	0.0041	
11/23/2015 10:51	1.526	0.0039	
11/23/2015 10:50	1.526	0.0037	
11/23/2015 10:49	1.526	0.0037	
11/23/2015 10:48	1.526	0.0039	
11/23/2015 10:47	1.526	0.0039	
11/23/2015 10:46	1.526	0.0039	
11/23/2015 10:45	1.526	0.0039	
11/23/2015 10:44	1.526	0.0039	
11/23/2015 10:43	1.526	0.0041	
11/23/2015 10:42	1.526	0.0041	
11/23/2015 10:41	1.563	0.0041	
11/23/2015 10:40	1.563	0.0042	
11/23/2015 10:39	1.57	0.004	
11/23/2015 10:38	1.57	0.0041	
11/23/2015 10:37	1.57	0.0043	
11/23/2015 10:36	1.571	0.0045	
11/23/2015 10:35	1.571	0.0046	
11/23/2015 10:34	1.571	0.005	
11/23/2015 10:33	1.571	0.0049	
11/23/2015 10:32	1.571	0.005	
11/23/2015 10:31	1.591	0.0051	
11/23/2015 10:30	1.591	0.0051	
11/23/2015 10:29	1.591	0.0051	
11/23/2015 10:28	1.591	0.005	
11/23/2015 10:27	1.591	0.0051	
11/23/2015 10:26	1.591	0.0052	
11/23/2015 10:25	1.591	0.0053	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 10:24	1.591	0.0051	
11/23/2015 10:23	1.616	0.0051	
11/23/2015 10:22	1.616	0.005	
11/23/2015 10:21	1.631	0.0049	
11/23/2015 10:20	1.631	0.0048	
11/23/2015 10:19	1.631	0.0045	
11/23/2015 10:18	1.631	0.0045	
11/23/2015 10:17	1.631	0.0045	
11/23/2015 10:16	1.631	0.0045	
11/23/2015 10:15	1.631	0.0045	
11/23/2015 10:14	1.653	0.0045	
11/23/2015 10:13	1.653	0.0045	
11/23/2015 10:12	1.66	0.0045	
11/23/2015 10:11	1.66	0.0045	
11/23/2015 10:10	1.66	0.0045	
11/23/2015 10:09	1.752	0.0045	
11/23/2015 10:08	1.752	0.0045	
11/23/2015 10:07	1.757	0.0046	
11/23/2015 10:06	1.768	0.0047	
11/23/2015 10:05	1.772	0.0048	
11/23/2015 10:04	1.772	0.0049	
11/23/2015 10:03	1.772	0.005	
11/23/2015 10:02	1.772	0.0051	
11/23/2015 10:01	1.772	0.0052	
11/23/2015 10:00	1.772	0.0053	
11/23/2015 9:59	1.772	0.0055	
11/23/2015 9:58	1.772	0.0056	
11/23/2015 9:57	1.81	0.0057	
11/23/2015 9:56	1.81	0.0059	
11/23/2015 9:55	1.81	0.006	
11/23/2015 9:54	1.81	0.0061	
11/23/2015 9:53	1.81	0.0063	
11/23/2015 9:52	1.81	0.0064	
11/23/2015 9:51	1.81	0.0065	
11/23/2015 9:50	1.904	0.0067	
11/23/2015 9:49	1.904	0.0067	
11/23/2015 9:48	1.904	0.0067	
11/23/2015 9:47	1.908	0.0068	
11/23/2015 9:46	1.908	0.0069	
11/23/2015 9:45	1.908	0.0072	
11/23/2015 9:44	1.908	0.0073	
11/23/2015 9:43	1.908	0.0075	
11/23/2015 9:42	1.908	0.0076	
11/23/2015 9:41	1.908	0.0077	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 9:40	1.908	0.0077	
11/23/2015 9:39	1.898	0.0078	
11/23/2015 9:38	1.889	0.0079	
11/23/2015 9:37	1.878	0.0079	
11/23/2015 9:36	1.878	0.0079	
11/23/2015 9:35	1.878	0.008	
11/23/2015 9:34	1.878	0.0081	
11/23/2015 9:33	1.878	0.0081	
11/23/2015 9:32	1.878	0.0082	
11/23/2015 9:31	1.878	0.0083	
11/23/2015 9:30	1.878	0.0082	
11/23/2015 9:29	1.874	0.0083	
11/23/2015 9:28	1.86	0.0083	
11/23/2015 9:27	1.842	0.0083	
11/23/2015 9:26	1.842	0.0083	
11/23/2015 9:25	1.82	0.0084	
11/23/2015 9:24	1.805	0.0085	
11/23/2015 9:23	1.805	0.0085	
11/23/2015 9:22	1.805	0.0086	
11/23/2015 9:21	1.805	0.0087	
11/23/2015 9:20	1.805	0.0087	
11/23/2015 9:19	1.796	0.0087	
11/23/2015 9:18	1.786	0.0087	
11/23/2015 9:17	1.775	0.0087	
11/23/2015 9:16	1.771	0.0086	
11/23/2015 9:15	1.761	0.0085	
11/23/2015 9:14	1.756	0.0085	
11/23/2015 9:13	1.756	0.0085	
11/23/2015 9:12	1.743	0.0084	
11/23/2015 9:11	1.731	0.0084	
11/23/2015 9:10	1.727	0.0083	
11/23/2015 9:09	1.696	0.0083	
11/23/2015 9:08	1.696	0.0083	
11/23/2015 9:07	1.696	0.0083	
11/23/2015 9:06	1.696	0.0083	
11/23/2015 9:05	1.696	0.0083	
11/23/2015 9:04	1.685	0.0084	
11/23/2015 9:03	1.685	0.0085	
11/23/2015 9:02	1.661	0.0085	
11/23/2015 9:01	1.651	0.0087	
11/23/2015 9:00	1.628	0.0087	
11/23/2015 8:59	1.604	0.0089	
11/23/2015 8:58	1.587	0.0089	
11/23/2015 8:57	1.583	0.0094	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 8:56	1.583	0.0095	
11/23/2015 8:55	1.58	0.0095	
11/23/2015 8:54	1.562	0.0095	
11/23/2015 8:53	1.546	0.0096	
11/23/2015 8:52	1.517	0.0096	
11/23/2015 8:51	1.513	0.0097	
11/23/2015 8:50	1.499	0.0098	
11/23/2015 8:49	1.494	0.0098	
11/23/2015 8:48	1.465	0.0099	
11/23/2015 8:47	1.465	0.0099	
11/23/2015 8:46	1.456	0.0098	
11/23/2015 8:45	1.45	0.0097	
11/23/2015 8:44	1.45	0.0096	
11/23/2015 8:43	1.45	0.0095	
11/23/2015 8:42	1.45	0.0091	
11/23/2015 8:41	1.434	0.0092	
11/23/2015 8:40	1.41	0.0091	
11/23/2015 8:39	1.401	0.0091	
11/23/2015 8:38	1.394	0.0091	
11/23/2015 8:37	1.369	0.0091	
11/23/2015 8:36	1.344	0.0091	
11/23/2015 8:35	1.333	0.0091	
11/23/2015 8:34	1.318	0.0092	
11/23/2015 8:33	1.301	0.0093	
11/23/2015 8:32	1.294	0.0092	
11/23/2015 8:31	1.281	0.0092	
11/23/2015 8:30	1.255	0.0093	
11/23/2015 8:29	1.237	0.0094	
11/23/2015 8:28	1.207	0.0095	
11/23/2015 8:27	1.184	0.0093	
11/23/2015 8:26	1.171	0.0093	
11/23/2015 8:25	1.155	0.0094	
11/23/2015 8:24	1.137	0.0095	
11/23/2015 8:23	1.137	0.0094	
11/23/2015 8:22	1.137	0.0092	
11/23/2015 8:21	1.118	0.009	
11/23/2015 8:20	1.104	0.0087	
11/23/2015 8:19	1.08	0.0085	
11/23/2015 8:18	1.062	0.0083	
11/23/2015 8:17	1.029	0.0082	
11/23/2015 8:16	1.013	0.0081	
11/23/2015 8:15	0.98	0.0081	
11/23/2015 8:14	0.948	0.0079	
11/23/2015 8:13	0.943	0.0079	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/23/2015 8:12	0.902	0.0078	
11/23/2015 8:11	0.902	0.0078	
11/23/2015 8:10	0.902	0.0077	
11/23/2015 8:09	0.902	0.0075	
11/23/2015 8:08	0.902	0.0075	
11/23/2015 8:07	0.89	0.0075	
11/23/2015 8:06	0.831	0.0075	
11/23/2015 8:05	0.814	0.0076	
11/23/2015 8:04	0.782	0.0076	
11/23/2015 8:03	0.745	0.0077	
11/23/2015 8:02	0.745	0.0078	
11/23/2015 8:01	0.74	0.0078	
11/23/2015 8:00	0.694	0.0077	
11/23/2015 7:59	0.652	0.0077	
11/23/2015 7:58	0.569	0.0077	
11/23/2015 7:57	0.468	0.0077	
11/23/2015 7:56	0.36	0.0075	
11/23/2015 7:55	0.315	0.0076	
11/23/2015 7:54	0.315	0.0076	
11/23/2015 7:53	0.315	0.0077	
11/23/2015 7:52	0.315	0.0076	
11/23/2015 7:51	0.315	0.0077	
11/23/2015 7:50	0.315	0.0077	
11/23/2015 7:49	0.315	0.0078	
11/23/2015 7:48	0.315	0.0077	
11/23/2015 7:47	0.315	0.0075	
11/23/2015 7:46	0.315	0.0074	
11/23/2015 7:45	0.315	0.0075	
11/23/2015 7:44	0.315	0.0077	
11/23/2015 7:43	0.315	0.0075	
11/23/2015 7:42	0.315	0.008	
11/23/2015 7:41	0.315		
11/21/2015 15:59	0.585	0.0039	
11/21/2015 15:58	0.585	0.0038	
11/21/2015 15:57	0.585	0.0038	
11/21/2015 15:56	0.585	0.0039	
11/21/2015 15:55	0.585	0.0039	
11/21/2015 15:54	0.585	0.0039	
11/21/2015 15:53	0.585	0.0039	
11/21/2015 15:52	0.585	0.0039	
11/21/2015 15:51	0.585	0.0039	
11/21/2015 15:50	0.585	0.004	
11/21/2015 15:49	0.603	0.004	
11/21/2015 15:48	0.603	0.004	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 15:47	0.603	0.004	
11/21/2015 15:46	0.603	0.004	
11/21/2015 15:45	0.603	0.0041	
11/21/2015 15:44	0.603	0.0041	
11/21/2015 15:43	0.603	0.0042	
11/21/2015 15:42	0.603	0.0043	
11/21/2015 15:41	0.603	0.0045	
11/21/2015 15:40	0.603	0.0048	
11/21/2015 15:39	0.603	0.0049	
11/21/2015 15:38	0.603	0.0057	
11/21/2015 15:37	0.603	0.018	
11/21/2015 15:36	0.603	0.0297	
11/21/2015 15:35	0.61	0.0344	
11/21/2015 15:34	0.61	0.0384	
11/21/2015 15:33	0.61	0.0403	
11/21/2015 15:32	0.61	0.0404	
11/21/2015 15:31	0.61	0.0405	
11/21/2015 15:30	0.61	0.0405	
11/21/2015 15:29	0.61	0.0405	
11/21/2015 15:28	0.61	0.0405	
11/21/2015 15:27	0.61	0.0407	
11/21/2015 15:26	0.611	0.0405	
11/21/2015 15:25	0.609	0.0404	
11/21/2015 15:24	0.604	0.0404	
11/21/2015 15:23	0.604	0.0397	
11/21/2015 15:22	0.6	0.0275	
11/21/2015 15:21	0.6	0.0159	
11/21/2015 15:20	0.577	0.0112	
11/21/2015 15:19	0.577	0.0073	
11/21/2015 15:18	0.577	0.0055	
11/21/2015 15:17	0.577	0.0055	
11/21/2015 15:16	0.577	0.0059	
11/21/2015 15:15	0.577	0.0058	
11/21/2015 15:14	0.577	0.0058	
11/21/2015 15:13	0.577	0.0058	
11/21/2015 15:12	0.573	0.0057	
11/21/2015 15:11	0.573	0.0056	
11/21/2015 15:10	0.573	0.0055	
11/21/2015 15:09	0.573	0.0055	
11/21/2015 15:08	0.559	0.0055	
11/21/2015 15:07	0.559	0.0055	
11/21/2015 15:06	0.549	0.0055	
11/21/2015 15:05	0.549	0.0055	
11/21/2015 15:04	0.533	0.0054	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 15:03	0.533	0.0053	
11/21/2015 15:02	0.525	0.0053	
11/21/2015 15:01	0.525	0.0049	
11/21/2015 15:00	0.525	0.0049	
11/21/2015 14:59	0.525	0.0049	
11/21/2015 14:58	0.525	0.0049	
11/21/2015 14:57	0.525	0.0049	
11/21/2015 14:56	0.525	0.0049	
11/21/2015 14:55	0.525	0.0049	
11/21/2015 14:54	0.525	0.0049	
11/21/2015 14:53	0.512	0.0049	
11/21/2015 14:52	0.512	0.0049	
11/21/2015 14:51	0.512	0.0049	
11/21/2015 14:50	0.512	0.0049	
11/21/2015 14:49	0.512	0.005	
11/21/2015 14:48	0.512	0.005	
11/21/2015 14:47	0.512	0.005	
11/21/2015 14:46	0.51	0.005	
11/21/2015 14:45	0.51	0.005	
11/21/2015 14:44	0.51	0.005	
11/21/2015 14:43	0.51	0.005	
11/21/2015 14:42	0.51	0.005	
11/21/2015 14:41	0.51	0.005	
11/21/2015 14:40	0.51	0.005	
11/21/2015 14:39	0.51	0.005	
11/21/2015 14:38	0.51	0.0051	
11/21/2015 14:37	0.51	0.0051	
11/21/2015 14:36	0.51	0.0051	
11/21/2015 14:35	0.51	0.0051	
11/21/2015 14:34	0.51	0.0051	
11/21/2015 14:33	0.51	0.0051	
11/21/2015 14:32	0.51	0.0052	
11/21/2015 14:31	0.51	0.0053	
11/21/2015 14:30	0.498	0.0053	
11/21/2015 14:29	0.498	0.0053	
11/21/2015 14:28	0.498	0.0053	
11/21/2015 14:27	0.498	0.0053	
11/21/2015 14:26	0.497	0.0053	
11/21/2015 14:25	0.475	0.0054	
11/21/2015 14:24	0.475	0.0054	
11/21/2015 14:23	0.475	0.0054	
11/21/2015 14:22	0.475	0.0054	
11/21/2015 14:21	0.475	0.0054	
11/21/2015 14:20	0.475	0.0054	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 14:19	0.475	0.0054	
11/21/2015 14:18	0.475	0.0054	
11/21/2015 14:17	0.475	0.0053	
11/21/2015 14:16	0.465	0.0053	
11/21/2015 14:15	0.465	0.0053	
11/21/2015 14:14	0.465	0.0053	
11/21/2015 14:13	0.443	0.0053	
11/21/2015 14:12	0.443	0.0053	
11/21/2015 14:11	0.443	0.0053	
11/21/2015 14:10	0.443	0.0052	
11/21/2015 14:09	0.443	0.0052	
11/21/2015 14:08	0.443	0.0051	
11/21/2015 14:07	0.443	0.005	
11/21/2015 14:06	0.443	0.005	
11/21/2015 14:05	0.443	0.005	
11/21/2015 14:04	0.443	0.005	
11/21/2015 14:03	0.441	0.005	
11/21/2015 14:02	0.433	0.0049	
11/21/2015 14:01	0.433	0.0049	
11/21/2015 14:00	0.416	0.0049	
11/21/2015 13:59	0.416	0.0048	
11/21/2015 13:58	0.416	0.0048	
11/21/2015 13:57	0.416	0.0047	
11/21/2015 13:56	0.416	0.0047	
11/21/2015 13:55	0.416	0.0047	
11/21/2015 13:54	0.416	0.0047	
11/21/2015 13:53	0.416	0.0047	
11/21/2015 13:52	0.416	0.0047	
11/21/2015 13:51	0.416	0.0047	
11/21/2015 13:50	0.416	0.0047	
11/21/2015 13:49	0.416	0.0047	
11/21/2015 13:48	0.416	0.0047	
11/21/2015 13:47	0.416	0.0048	
11/21/2015 13:46	0.416	0.0048	
11/21/2015 13:45	0.418	0.0048	
11/21/2015 13:44	0.418	0.0049	
11/21/2015 13:43	0.418	0.0049	
11/21/2015 13:42	0.418	0.0049	
11/21/2015 13:41	0.418	0.005	
11/21/2015 13:40	0.418	0.005	
11/21/2015 13:39	0.418	0.005	
11/21/2015 13:38	0.418	0.005	
11/21/2015 13:37	0.418	0.005	
11/21/2015 13:36	0.418	0.005	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 13:35	0.418	0.005	
11/21/2015 13:34	0.418	0.0051	
11/21/2015 13:33	0.418	0.0051	
11/21/2015 13:32	0.421	0.0051	
11/21/2015 13:31	0.421	0.0051	
11/21/2015 13:30	0.421	0.0051	
11/21/2015 13:29	0.421	0.0051	
11/21/2015 13:28	0.426	0.0051	
11/21/2015 13:27	0.426	0.0051	
11/21/2015 13:26	0.434	0.0051	
11/21/2015 13:25	0.452	0.0051	
11/21/2015 13:24	0.452	0.0051	
11/21/2015 13:23	0.452	0.0051	
11/21/2015 13:22	0.452	0.0051	
11/21/2015 13:21	0.452	0.0051	
11/21/2015 13:20	0.452	0.0051	
11/21/2015 13:19	0.452	0.005	
11/21/2015 13:18	0.445	0.0051	
11/21/2015 13:17	0.445	0.0051	
11/21/2015 13:16	0.445	0.0051	
11/21/2015 13:15	0.445	0.0051	
11/21/2015 13:14	0.445	0.0051	
11/21/2015 13:13	0.445	0.0051	
11/21/2015 13:12	0.445	0.0051	
11/21/2015 13:11	0.445	0.0051	
11/21/2015 13:10	0.445	0.0051	
11/21/2015 13:09	0.445	0.0051	
11/21/2015 13:08	0.445	0.0051	
11/21/2015 13:07	0.445	0.0052	
11/21/2015 13:06	0.442	0.0053	
11/21/2015 13:05	0.425	0.0053	
11/21/2015 13:04	0.425	0.0053	
11/21/2015 13:03	0.425	0.0053	
11/21/2015 13:02	0.425	0.0053	
11/21/2015 13:01	0.425	0.0053	
11/21/2015 13:00	0.425	0.0053	
11/21/2015 12:59	0.425	0.0053	
11/21/2015 12:58	0.425	0.0053	
11/21/2015 12:57	0.414	0.0054	
11/21/2015 12:56	0.414	0.0055	
11/21/2015 12:55	0.413	0.0055	
11/21/2015 12:54	0.413	0.0056	
11/21/2015 12:53	0.413	0.0057	
11/21/2015 12:52	0.4	0.0056	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 12:51	0.4	0.0056	
11/21/2015 12:50	0.4	0.0056	
11/21/2015 12:49	0.4	0.0056	
11/21/2015 12:48	0.396	0.0056	
11/21/2015 12:47	0.387	0.0056	
11/21/2015 12:46	0.387	0.0057	
11/21/2015 12:45	0.365	0.0057	
11/21/2015 12:44	0.365	0.0057	
11/21/2015 12:43	0.362	0.0057	
11/21/2015 12:42	0.362	0.0057	
11/21/2015 12:41	0.355	0.0056	
11/21/2015 12:40	0.355	0.0056	
11/21/2015 12:39	0.355	0.0055	
11/21/2015 12:38	0.354	0.0055	
11/21/2015 12:37	0.354	0.0055	
11/21/2015 12:36	0.341	0.0055	
11/21/2015 12:35	0.341	0.0055	
11/21/2015 12:34	0.337	0.0056	
11/21/2015 12:33	0.337	0.0055	
11/21/2015 12:32	0.334	0.0055	
11/21/2015 12:31	0.334	0.0055	
11/21/2015 12:30	0.332	0.0054	
11/21/2015 12:29	0.332	0.0054	
11/21/2015 12:28	0.332	0.0055	
11/21/2015 12:27	0.332	0.0056	
11/21/2015 12:26	0.332	0.0057	
11/21/2015 12:25	0.332	0.0057	
11/21/2015 12:24	0.332	0.0057	
11/21/2015 12:23	0.332	0.0058	
11/21/2015 12:22	0.332	0.0058	
11/21/2015 12:21	0.326	0.0059	
11/21/2015 12:20	0.305	0.0059	
11/21/2015 12:19	0.305	0.0058	
11/21/2015 12:18	0.305	0.0059	
11/21/2015 12:17	0.301	0.0059	
11/21/2015 12:16	0.301	0.006	
11/21/2015 12:15	0.301	0.0061	
11/21/2015 12:14	0.301	0.0061	
11/21/2015 12:13	0.301	0.0062	
11/21/2015 12:12	0.299	0.0061	
11/21/2015 12:11	0.272	0.0061	
11/21/2015 12:10	0.272	0.0061	
11/21/2015 12:09	0.235	0.0063	
11/21/2015 12:08	0.234	0.0064	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/21/2015 12:07	0.234	0.0064	
11/21/2015 12:06	0.234	0.0064	
11/21/2015 12:05	0.234	0.0064	
11/21/2015 12:04	0.234	0.0064	
11/21/2015 12:03	0.234	0.0064	
11/21/2015 12:02	0.234	0.0064	
11/21/2015 12:01	0.231	0.0064	
11/21/2015 12:00	0.217	0.0064	
11/21/2015 11:59	0.206	0.0064	
11/21/2015 11:58	0.196	0.0063	
11/21/2015 11:57	0.196	0.0063	
11/21/2015 11:56	0.196	0.0064	
11/21/2015 11:55	0.196	0.0065	
11/21/2015 11:54	0.196	0.0063	
11/21/2015 11:53	0.196	0.0063	
11/21/2015 11:52	0.194	0.0064	
11/21/2015 11:51	0.186	0.0065	
11/21/2015 11:50	0.17	0.0066	
11/21/2015 11:49	0.159	0.0067	
11/21/2015 11:48	0.144	0.0068	
11/21/2015 11:47	0.132	0.0069	
11/21/2015 11:46	0.116	0.0069	
11/21/2015 11:45	0.1	0.0069	
11/21/2015 11:44	0.081	0.007	
11/21/2015 11:43	0.081	0.0071	
11/21/2015 11:42	0.081	0.0072	
11/21/2015 11:41	0.081	0.0072	
11/21/2015 11:40	0.081	0.0072	
11/21/2015 11:39	0.081	0.0073	
11/21/2015 11:38	0.081	0.0073	
11/21/2015 11:37	0.081	0.0073	
11/21/2015 11:36	0.081	0.0071	
11/21/2015 11:35	0.081	0.0072	
11/21/2015 11:34	0.081	0.007	
11/21/2015 11:33	0.081	0.007	
11/21/2015 11:32	0.081	0.007	
11/21/2015 11:31	0.081	0.007	
11/21/2015 11:30	0.081	0.007	
11/20/2015 15:25	0.44	0.0031	
11/20/2015 15:24	0.44	0.0031	
11/20/2015 15:23	0.44	0.003	
11/20/2015 15:22	0.424	0.0022	
11/20/2015 15:21	0.423	0.0022	
11/20/2015 15:20	0.423	0.0022	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 15:19	0.412	0.0023	
11/20/2015 15:18	0.406	0.0023	
11/20/2015 15:17	0.406	0.0023	
11/20/2015 15:16	0.391	0.0022	
11/20/2015 15:15	0.391	0.0021	
11/20/2015 15:14	0.391	0.0021	
11/20/2015 15:13	0.391	0.0021	
11/20/2015 15:12	0.391	0.0021	
11/20/2015 15:11	0.391	0.0017	
11/20/2015 15:10	0.391	0.0017	
11/20/2015 15:09	0.391	0.0017	
11/20/2015 15:08	0.391	0.0017	
11/20/2015 15:07	0.39	0.002	
11/20/2015 15:06	0.39	0.002	
11/20/2015 15:05	0.39	0.002	
11/20/2015 15:04	0.39	0.002	
11/20/2015 15:03	0.39	0.002	
11/20/2015 15:02	0.39	0.002	
11/20/2015 15:01	0.39	0.002	
11/20/2015 15:00	0.39	0.0021	
11/20/2015 14:59	0.39	0.0021	
11/20/2015 14:58	0.39	0.0022	
11/20/2015 14:57	0.39	0.0023	
11/20/2015 14:56	0.384	0.0023	
11/20/2015 14:55	0.384	0.0024	
11/20/2015 14:54	0.384	0.0025	
11/20/2015 14:53	0.375	0.0025	
11/20/2015 14:52	0.375	0.0021	
11/20/2015 14:51	0.375	0.0021	
11/20/2015 14:50	0.375	0.0021	
11/20/2015 14:49	0.342	0.0021	
11/20/2015 14:48	0.342	0.0021	
11/20/2015 14:47	0.342	0.0021	
11/20/2015 14:46	0.342	0.0021	
11/20/2015 14:45	0.342	0.0021	
11/20/2015 14:44	0.342	0.0022	
11/20/2015 14:43	0.342	0.0021	
11/20/2015 14:42	0.342	0.0019	
11/20/2015 14:41	0.342	0.0019	
11/20/2015 14:40	0.342	0.0018	
11/20/2015 14:39	0.342	0.0018	
11/20/2015 14:38	0.342	0.0019	
11/20/2015 14:37	0.342	0.0021	
11/20/2015 14:36	0.342	0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 14:35	0.342	0.002	
11/20/2015 14:34	0.342	0.0019	
11/20/2015 14:33	0.342	0.0019	
11/20/2015 14:31	0.34	0.0017	
11/20/2015 14:30	0.33	0.0017	
11/20/2015 14:29	0.33	0.0016	
11/20/2015 14:28	0.33	0.0017	
11/20/2015 14:27	0.33	0.0017	
11/20/2015 14:26	0.33	0.0019	
11/20/2015 14:25	0.33	0.002	
11/20/2015 14:24	0.33	0.002	
11/20/2015 14:23	0.33	0.0019	
11/20/2015 14:22	0.33	0.0018	
11/20/2015 14:21	0.33	0.0019	
11/20/2015 14:20	0.33	0.002	
11/20/2015 14:19	0.33	0.0021	
11/20/2015 14:18	0.33	0.0023	
11/20/2015 14:17	0.33	0.0024	
11/20/2015 14:16	0.33	0.0025	
11/20/2015 14:15	0.341	0.0025	
11/20/2015 14:14	0.341	0.0025	
11/20/2015 14:13	0.341	0.0025	
11/20/2015 14:12	0.341	0.0025	
11/20/2015 14:11	0.341	0.0025	
11/20/2015 14:10	0.341	0.0023	
11/20/2015 14:09	0.341	0.0023	
11/20/2015 14:08	0.341	0.0022	
11/20/2015 14:07	0.341	0.0021	
11/20/2015 14:06	0.341	0.0021	
11/20/2015 14:05	0.341	0.0019	
11/20/2015 14:04	0.341	0.0019	
11/20/2015 14:03	0.357	0.0017	
11/20/2015 14:02	0.357	0.0015	
11/20/2015 14:01	0.357	0.0014	
11/20/2015 14:00	0.357	0.0013	
11/20/2015 13:59	0.357	0.0013	
11/20/2015 13:58	0.368	0.0013	
11/20/2015 13:57	0.392	0.0012	
11/20/2015 13:56	0.392	0.0011	
11/20/2015 13:55	0.397	0.001	
11/20/2015 13:54	0.397	0.0011	
11/20/2015 13:53	0.397	0.0011	
11/20/2015 13:52	0.397	0.0011	
11/20/2015 13:51	0.397	0.0011	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 13:50	0.397	0.0011	
11/20/2015 13:49	0.397	0.0015	
11/20/2015 13:48	0.408	0.0015	
11/20/2015 13:47	0.399	0.0015	
11/20/2015 13:46	0.399	0.0015	
11/20/2015 13:45	0.399	0.0015	
11/20/2015 13:44	0.399	0.0015	
11/20/2015 13:43	0.399	0.0015	
11/20/2015 13:42	0.399	0.0015	
11/20/2015 13:41	0.399	0.0015	
11/20/2015 13:40	0.399	0.0015	
11/20/2015 13:39	0.399	0.0015	
11/20/2015 13:38	0.399	0.0015	
11/20/2015 13:37	0.399	0.0015	
11/20/2015 13:36	0.39	0.0015	
11/20/2015 13:35	0.39	0.0017	
11/20/2015 13:34	0.384	0.0014	
11/20/2015 13:33	0.384	0.0017	
11/20/2015 13:32	0.384	0.0018	
11/20/2015 13:31	0.384	0.0019	
11/20/2015 13:30	0.384	0.002	
11/20/2015 13:29	0.359	0.0021	
11/20/2015 13:28	0.359	0.0021	
11/20/2015 13:27	0.359	0.0022	
11/20/2015 13:26	0.359	0.0023	
11/20/2015 13:25	0.359	0.0024	
11/20/2015 13:24	0.359	0.0025	
11/20/2015 13:23	0.359	0.0026	
11/20/2015 13:22	0.359	0.0027	
11/20/2015 13:21	0.359	0.0028	
11/20/2015 13:20	0.344	0.0029	
11/20/2015 13:19	0.344	0.0029	
11/20/2015 13:18	0.344	0.0039	
11/20/2015 13:17	0.344	0.004	
11/20/2015 13:16	0.344	0.004	
11/20/2015 13:15	0.344	0.0042	
11/20/2015 13:14	0.344	0.0044	
11/20/2015 13:13	0.344	0.0046	
11/20/2015 13:12	0.344	0.0049	
11/20/2015 13:11	0.344	0.0053	
11/20/2015 13:10	0.344	0.0056	
11/20/2015 13:09	0.344	0.0058	
11/20/2015 13:08	0.344	0.0066	
11/20/2015 13:07	0.344	0.0075	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 13:06	0.344	0.009	
11/20/2015 13:05	0.361	0.0115	
11/20/2015 13:04	0.38	0.021	
11/20/2015 12:35	0.325	0.0078	
11/20/2015 12:34	0.325	0.0079	
11/20/2015 12:33	0.325	0.0079	
11/20/2015 12:32	0.332	0.0053	
11/20/2015 12:31	0.332	0.0039	
11/20/2015 12:30	0.332	0.0039	
11/20/2015 12:29	0.332	0.0025	
11/20/2015 12:28	0.346	0.0025	
11/20/2015 12:27	0.347	0.0025	
11/20/2015 12:26	0.349	0.0019	
11/20/2015 12:25	0.349	0.0019	
11/20/2015 12:24	0.349	0.0019	
11/20/2015 12:23	0.349	0.0019	
11/20/2015 12:22	0.349	0.0017	
11/20/2015 12:21	0.349	0.0018	
11/20/2015 12:20	0.349	0.0016	
11/20/2015 12:19	0.349	0.0016	
11/20/2015 12:18	0.349	0.0016	
11/20/2015 12:17	0.349	0.0016	
11/20/2015 12:16	0.345	0.0016	
11/20/2015 12:15	0.296	0.0017	
11/20/2015 12:14	0.296	0.0018	
11/20/2015 12:13	0.296	0.0018	
11/20/2015 12:12	0.296	0.0019	
11/20/2015 12:11	0.296	0.0019	
11/20/2015 12:10	0.296	0.0019	
11/20/2015 12:09	0.296	0.0019	
11/20/2015 12:08	0.296	0.0019	
11/20/2015 12:07	0.296	0.0023	
11/20/2015 12:06	0.296	0.0023	
11/20/2015 12:05	0.296	0.0024	
11/20/2015 12:04	0.296	0.0023	
11/20/2015 12:03	0.296	0.0023	
11/20/2015 12:02	0.296	0.0039	
11/20/2015 12:01	0.296	0.004	
11/20/2015 12:00	0.315	0.0039	
11/20/2015 11:59	0.315	0.0038	
11/20/2015 11:58	0.315	0.0039	
11/20/2015 11:57	0.336	0.0039	
11/20/2015 11:56	0.336	0.0042	
11/20/2015 11:55	0.336	0.0043	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 11:54	0.336	0.0043	
11/20/2015 11:53	0.336	0.0043	
11/20/2015 11:52	0.336	0.0041	
11/20/2015 11:51	0.336	0.0043	
11/20/2015 11:50	0.336	0.0044	
11/20/2015 11:49	0.336	0.0048	
11/20/2015 11:48	0.336	0.0047	
11/20/2015 11:47	0.346	0.0032	
11/20/2015 11:46	0.346	0.0032	
11/20/2015 11:45	0.346	0.0033	
11/20/2015 11:44	0.346	0.0033	
11/20/2015 11:43	0.353	0.0035	
11/20/2015 11:42	0.353	0.0036	
11/20/2015 11:41	0.374	0.0034	
11/20/2015 11:40	0.374	0.0033	
11/20/2015 11:39	0.374	0.0033	
11/20/2015 11:38	0.362	0.0034	
11/20/2015 11:37	0.362	0.0041	
11/20/2015 11:36	0.362	0.0039	
11/20/2015 11:35	0.362	0.0038	
11/20/2015 11:34	0.362	0.0035	
11/20/2015 11:33	0.362	0.0036	
11/20/2015 11:32	0.362	0.0037	
11/20/2015 11:31	0.362	0.0041	
11/20/2015 11:30	0.362	0.0041	
11/20/2015 11:29	0.362	0.004	
11/20/2015 11:28	0.362	0.0037	
11/20/2015 11:27	0.362	0.0037	
11/20/2015 11:26	0.362	0.0038	
11/20/2015 11:25	0.362	0.0047	
11/20/2015 11:24	0.362	0.0047	
11/20/2015 11:23	0.371	0.0047	
11/20/2015 11:22	0.371	0.004	
11/20/2015 11:21	0.371	0.0041	
11/20/2015 11:20	0.371	0.0061	
11/20/2015 11:19	0.371	0.0061	
11/20/2015 11:18	0.371	0.0061	
11/20/2015 11:17	0.371	0.0064	
11/20/2015 11:16	0.371	0.006	
11/20/2015 11:15	0.371	0.0061	
11/20/2015 11:14	0.371	0.0061	
11/20/2015 11:13	0.371	0.0073	
11/20/2015 11:12	0.371	0.0073	
11/20/2015 11:11	0.371	0.0073	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 11:10	0.384	0.0064	
11/20/2015 11:09	0.403	0.0065	
11/20/2015 11:08	0.403	0.0064	
11/20/2015 11:07	0.42	0.0063	
11/20/2015 11:06	0.42	0.0063	
11/20/2015 11:05	0.421	0.0042	
11/20/2015 11:04	0.421	0.0042	
11/20/2015 11:03	0.421	0.0042	
11/20/2015 11:02	0.421	0.0039	
11/20/2015 11:01	0.439	0.0038	
11/20/2015 11:00	0.444	0.0037	
11/20/2015 10:59	0.451	0.0037	
11/20/2015 10:58	0.451	0.0025	
11/20/2015 10:57	0.45	0.0025	
11/20/2015 10:56	0.45	0.0025	
11/20/2015 10:55	0.45	0.0025	
11/20/2015 10:54	0.45	0.0025	
11/20/2015 10:53	0.45	0.0025	
11/20/2015 10:52	0.45	0.0025	
11/20/2015 10:51	0.45	0.0025	
11/20/2015 10:50	0.45	0.0026	
11/20/2015 10:49	0.45	0.0026	
11/20/2015 10:48	0.45	0.0026	
11/20/2015 10:47	0.45	0.0027	
11/20/2015 10:46	0.45	0.0028	
11/20/2015 10:45	0.45	0.0028	
11/20/2015 10:44	0.45	0.0029	
11/20/2015 10:43	0.45	0.0029	
11/20/2015 10:42	0.451	0.0029	
11/20/2015 10:41	0.451	0.0029	
11/20/2015 10:40	0.451	0.0029	
11/20/2015 10:39	0.451	0.0029	
11/20/2015 10:37	0.451		
11/20/2015 10:36	0.451	0.0029	
11/20/2015 10:35	0.451	0.0029	
11/20/2015 10:34	0.451	0.0029	
11/20/2015 10:33	0.451	0.0029	
11/20/2015 10:32	0.451	0.0029	
11/20/2015 10:31	0.458	0.0029	
11/20/2015 10:30	0.458	0.0029	
11/20/2015 10:29	0.458	0.0029	
11/20/2015 10:28	0.458	0.0029	
11/20/2015 10:27	0.458	0.0029	
11/20/2015 10:26	0.458	0.0029	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 10:25	0.458	0.003	
11/20/2015 10:24	0.458	0.003	
11/20/2015 10:23	0.458	0.0031	
11/20/2015 10:22	0.458	0.0031	
11/20/2015 10:21	0.458	0.0031	
11/20/2015 10:20	0.451	0.0031	
11/20/2015 10:19	0.451	0.0032	
11/20/2015 10:18	0.451	0.0032	
11/20/2015 10:17	0.451	0.0032	
11/20/2015 10:16	0.451	0.0033	
11/20/2015 10:15	0.424	0.0033	
11/20/2015 10:14	0.424	0.0033	
11/20/2015 10:13	0.424	0.0034	
11/20/2015 10:12	0.424	0.0033	
11/20/2015 10:11	0.424	0.0033	
11/20/2015 10:10	0.424	0.0034	
11/20/2015 10:09	0.424	0.0034	
11/20/2015 10:08	0.424	0.0033	
11/20/2015 10:07	0.416	0.0034	
11/20/2015 10:06	0.416	0.0034	
11/20/2015 10:05	0.409	0.0035	
11/20/2015 10:04	0.409	0.0037	
11/20/2015 10:03	0.409	0.0037	
11/20/2015 10:02	0.409	0.0038	
11/20/2015 10:01	0.409	0.0037	
11/20/2015 10:00	0.402	0.0038	
11/20/2015 9:59	0.402	0.0039	
11/20/2015 9:58	0.402	0.0039	
11/20/2015 9:57	0.402	0.0039	
11/20/2015 9:56	0.402	0.0039	
11/20/2015 9:55	0.402	0.0038	
11/20/2015 9:54	0.402	0.0039	
11/20/2015 9:53	0.402	0.0039	
11/20/2015 9:52	0.402	0.0038	
11/20/2015 9:51	0.396	0.0039	
11/20/2015 9:50	0.396	0.0039	
11/20/2015 9:49	0.396	0.0037	
11/20/2015 9:48	0.393	0.0037	
11/20/2015 9:47	0.393	0.0037	
11/20/2015 9:46	0.393	0.0037	
11/20/2015 9:45	0.393	0.0037	
11/20/2015 9:44	0.393	0.0035	
11/20/2015 9:43	0.379	0.0036	
11/20/2015 9:42	0.379	0.0037	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 9:41	0.379	0.0037	
11/20/2015 9:40	0.379	0.0037	
11/20/2015 9:39	0.379	0.0037	
11/20/2015 9:38	0.379	0.0037	
11/20/2015 9:37	0.379	0.0038	
11/20/2015 9:36	0.379	0.0037	
11/20/2015 9:35	0.379	0.0037	
11/20/2015 9:34	0.379	0.0037	
11/20/2015 9:33	0.379	0.0037	
11/20/2015 9:32	0.379	0.0037	
11/20/2015 9:31	0.362	0.0037	
11/20/2015 9:30	0.362	0.0038	
11/20/2015 9:29	0.362	0.0038	
11/20/2015 9:28	0.362	0.0038	
11/20/2015 9:27	0.362	0.0038	
11/20/2015 9:26	0.362	0.0039	
11/20/2015 9:25	0.357	0.0039	
11/20/2015 9:24	0.346	0.0039	
11/20/2015 9:23	0.346	0.0039	
11/20/2015 9:22	0.321	0.0039	
11/20/2015 9:21	0.321	0.0039	
11/20/2015 9:20	0.321	0.0039	
11/20/2015 9:19	0.321	0.004	
11/20/2015 9:18	0.321	0.004	
11/20/2015 9:17	0.321	0.0044	
11/20/2015 9:16	0.321	0.0044	
11/20/2015 9:15	0.321	0.0044	
11/20/2015 9:14	0.309	0.0043	
11/20/2015 9:13	0.309	0.0043	
11/20/2015 9:12	0.309	0.0043	
11/20/2015 9:11	0.309	0.0043	
11/20/2015 9:10	0.293	0.0043	
11/20/2015 9:09			
11/20/2015 9:08	0.288	0.0043	
11/20/2015 9:07	0.288	0.0043	
11/20/2015 9:06	0.288	0.0045	
11/20/2015 9:05	0.276	0.0045	
11/20/2015 9:04	0.27	0.0048	
11/20/2015 9:03	0.262	0.0048	
11/20/2015 9:02	0.262	0.0045	
11/20/2015 9:01	0.26	0.0045	
11/20/2015 9:00	0.253	0.0045	
11/20/2015 8:59	0.231	0.0046	
11/20/2015 8:58	0.231	0.0049	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 8:57	0.231	0.0049	
11/20/2015 8:56	0.231	0.0049	
11/20/2015 8:55	0.231	0.0049	
11/20/2015 8:54	0.23	0.0049	
11/20/2015 8:53	0.219	0.0051	
11/20/2015 8:52	0.219	0.0051	
11/20/2015 8:51	0.213	0.0057	
11/20/2015 8:50	0.189	0.0059	
11/20/2015 8:49	0.189	0.0059	
11/20/2015 8:48	0.189	0.0059	
11/20/2015 8:47	0.189	0.0058	
11/20/2015 8:46	0.179	0.0059	
11/20/2015 8:45	0.179	0.0059	
11/20/2015 8:44	0.166	0.0059	
11/20/2015 8:43	0.166	0.0057	
11/20/2015 8:42	0.154	0.0057	
11/20/2015 8:41	0.154	0.0057	
11/20/2015 8:40	0.154	0.0057	
11/20/2015 8:39	0.124	0.0057	
11/20/2015 8:38	0.124	0.0056	
11/20/2015 8:37	0.124	0.0057	
11/20/2015 8:36	0.124	0.0049	
11/20/2015 8:35	0.107	0.0047	
11/20/2015 8:34	0.107	0.0045	
11/20/2015 8:33	0.107	0.0045	
11/20/2015 8:32	0.092	0.0046	
11/20/2015 8:31	0.092	0.0046	
11/20/2015 8:30	0.092	0.0047	
11/20/2015 8:29	0.085	0.0049	
11/20/2015 8:28	0.08	0.0049	
11/20/2015 8:27	0.062	0.005	
11/20/2015 8:26	0.062	0.0053	
11/20/2015 8:25	0.062	0.0053	
11/20/2015 8:24	0.048	0.0053	
11/20/2015 8:23	0.039	0.0053	
11/20/2015 8:22	0.022	0.0053	
11/20/2015 8:21	0.022	0.0054	
11/20/2015 8:20	0.009	0.0061	
11/20/2015 8:19	0.008	0.007	
11/20/2015 8:18	0	0.0071	
11/20/2015 8:17	0	0.0087	
11/20/2015 8:16	0	0.0091	
11/20/2015 8:15	0	0.0098	
11/20/2015 8:14	0	0.0101	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/20/2015 8:13	0	0.0101	
11/20/2015 8:12	0	0.0101	
11/20/2015 8:11	0	0.0103	
11/20/2015 8:10	0	0.0111	
11/20/2015 8:09	0	0.0113	
11/20/2015 8:08	0	0.0113	
11/20/2015 8:07	0	0.0114	
11/20/2015 8:06	0	0.0127	
11/20/2015 8:05	0	0.0121	
11/20/2015 8:04	0	0.0118	
11/20/2015 8:03	0	0.0118	
11/20/2015 8:02	0	0.0102	
11/20/2015 8:01	0	0.0099	
11/20/2015 8:00	0	0.0128	
11/20/2015 7:59	0	0.0125	
11/20/2015 7:58	0	0.0125	
11/20/2015 7:57	0	0.0126	
11/20/2015 7:56	0	0.0123	
11/20/2015 7:55	0	0.0119	
11/20/2015 7:54	0	0.0123	
11/20/2015 7:53	0	0.0128	
11/20/2015 7:52	0	0.0135	
11/20/2015 7:51	0	0.0123	
11/20/2015 7:50	0	0.013	
11/20/2015 7:49	0	0.0127	
11/20/2015 7:48	0	0.0139	
11/20/2015 7:47	0	0.0152	
11/20/2015 7:46	0	0.017	
11/20/2015 7:45	0	0.0063	
11/20/2015 7:44	0	0.006	
11/20/2015 7:43	0	0.006	
11/20/2015 7:42	0	0.006	
11/19/2015 16:33	0	0.0002	
11/19/2015 16:32	0	0.0003	
11/19/2015 16:31	0	0.0003	
11/19/2015 16:30	0	0.0003	
11/19/2015 16:29	0	0.0004	
11/19/2015 16:28	0	0.0005	
11/19/2015 16:27	0	0.0008	
11/19/2015 16:26	0	0.0007	
11/19/2015 16:25	0	0.001	
11/19/2015 16:24	0	0.001	
11/19/2015 16:23	0	0.001	
11/19/2015 16:22	0	0.0009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 16:21	0	0.0009	
11/19/2015 16:20	0	0.0009	
11/19/2015 16:19	0	0.0009	
11/19/2015 16:18	0	0.001	
11/19/2015 16:17	0	0.0009	
11/19/2015 16:16	0	0.0009	
11/19/2015 16:15	0	0.0009	
11/19/2015 16:14	0	0.0012	
11/19/2015 16:13	0	0.0014	
11/19/2015 16:12	0	0.0011	
11/19/2015 16:11	0	0.0013	
11/19/2015 16:10	0	0.0045	
11/19/2015 16:09	0	0.0194	
11/19/2015 16:08	0	0.0194	
11/19/2015 16:07	0	0.0194	
11/19/2015 16:06	0	0.0193	
11/19/2015 16:05	0	0.0193	
11/19/2015 16:04	0	0.0193	
11/19/2015 16:03	0	0.0193	
11/19/2015 16:02	0	0.0192	
11/19/2015 16:01	0	0.0192	
11/19/2015 16:00	0	0.0192	
11/19/2015 15:59	0	0.0189	
11/19/2015 15:58	0	0.0186	
11/19/2015 15:57	0	0.0186	
11/19/2015 15:56	0	0.0183	
11/19/2015 15:55	0	0.0149	
11/19/2015 15:54		0	
11/19/2015 15:53		0	
11/19/2015 15:52		-0.0001	
11/19/2015 15:51		-0.0001	
11/19/2015 15:50		-0.0002	
11/19/2015 15:49		-0.0003	
11/19/2015 15:48		-0.0003	
11/19/2015 15:47		-0.0004	
11/19/2015 15:46		-0.0005	
11/19/2015 15:45		-0.0005	
11/19/2015 15:44		-0.0005	
11/19/2015 15:43		-0.0005	
11/19/2015 15:42		-0.0006	
11/19/2015 15:41		-0.0007	
11/19/2015 15:40		-0.0007	
11/19/2015 15:39		-0.0008	
11/19/2015 15:38	0.042	-0.0009	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 15:37	0.108	-0.0009	
11/19/2015 15:36	0.108	-0.0009	
11/19/2015 15:35	0.326	-0.0008	
11/19/2015 15:34	0.461	-0.0008	
11/19/2015 15:33	0.461	-0.0008	
11/19/2015 15:32	0.461	-0.0008	
11/19/2015 15:31	0.461	-0.0008	
11/19/2015 15:30	0.461	-0.0008	
11/19/2015 15:29	0.461	-0.0009	
11/19/2015 15:28	0.461	-0.0009	
11/19/2015 15:27	0.461	-0.0009	
11/19/2015 15:26	0.64	-0.0009	
11/19/2015 15:25	0.64	-0.0009	
11/19/2015 15:24	0.64	-0.0009	
11/19/2015 15:23	0.814	-0.0009	
11/19/2015 15:22	0.814	-0.0009	
11/19/2015 15:21	0.814	-0.0009	
11/19/2015 15:20	0.814	-0.001	
11/19/2015 15:19	0.814	-0.0011	
11/19/2015 15:18	0.919	-0.0011	
11/19/2015 15:17	0.919	-0.0011	
11/19/2015 15:16	0.941	-0.0012	
11/19/2015 15:15	0.941	-0.0012	
11/19/2015 15:14	0.968	-0.0012	
11/19/2015 15:13	0.968	-0.0013	
11/19/2015 15:12	1.229	-0.0013	
11/19/2015 15:11	1.244	-0.0014	
11/19/2015 15:10	1.338	-0.0015	
11/19/2015 15:09	1.338	-0.0015	
11/19/2015 15:08	1.338	-0.0015	
11/19/2015 15:07	1.5	-0.0015	
11/19/2015 15:06	1.5	-0.0016	
11/19/2015 15:05	1.674	-0.0016	
11/19/2015 15:04	1.674	-0.0016	
11/19/2015 15:03	1.743	-0.0016	
11/19/2015 15:02	1.743	-0.0016	
11/19/2015 15:01	1.85	-0.0015	
11/19/2015 15:00	1.85	-0.0015	
11/19/2015 14:59	2.304	-0.0016	
11/19/2015 14:58	2.304	-0.0015	
11/19/2015 14:57	2.396	-0.0015	
11/19/2015 14:56	2.401	-0.0015	
11/19/2015 14:55	2.407	-0.0015	
11/19/2015 14:54	2.929	-0.0015	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 14:53	2.929	-0.0015	
11/19/2015 14:52	2.898	-0.0015	
11/19/2015 14:51	2.898	-0.0014	
11/19/2015 14:50	2.863	-0.0014	
11/19/2015 14:49	2.863	-0.0014	
11/19/2015 14:48	2.863	-0.0015	
11/19/2015 14:47	2.826	-0.0015	
11/19/2015 14:46	2.826	-0.0015	
11/19/2015 14:45	2.826	-0.0015	
11/19/2015 14:44	2.743	-0.0015	
11/19/2015 14:43	2.743	-0.0015	
11/19/2015 14:42	2.743	-0.0015	
11/19/2015 14:41	2.743	-0.0015	
11/19/2015 14:40	2.743	-0.0015	
11/19/2015 14:39	2.734	-0.0015	
11/19/2015 14:38	2.681	-0.0016	
11/19/2015 14:37	2.681	-0.0017	
11/19/2015 14:36	2.681	-0.0017	
11/19/2015 14:35	2.681	-0.0018	
11/19/2015 14:34	2.681	-0.0017	
11/19/2015 14:33	2.681	-0.0017	
11/19/2015 14:32	2.641	-0.0017	
11/19/2015 14:31	2.607	-0.0017	
11/19/2015 14:30	2.607	-0.0017	
11/19/2015 14:29	2.55	-0.0016	
11/19/2015 14:28	2.55	-0.0015	
11/19/2015 14:27	2.55	-0.0015	
11/19/2015 14:26	2.533	-0.0015	
11/19/2015 14:25	2.459	-0.0015	
11/19/2015 14:24	2.459	-0.0014	
11/19/2015 14:23	2.459	-0.0014	
11/19/2015 14:22	2.452	-0.0013	
11/19/2015 14:21	2.439	-0.0013	
11/19/2015 14:20	2.439	-0.0012	
11/19/2015 14:19	2.373	-0.0012	
11/19/2015 14:18	2.373	-0.0011	
11/19/2015 14:17	2.373	-0.0011	
11/19/2015 14:16	2.323	-0.0011	
11/19/2015 14:15	2.252	-0.0011	
11/19/2015 14:14	2.202	-0.0011	
11/19/2015 14:13	2.184	-0.0012	
11/19/2015 14:12	2.048	-0.0012	
11/19/2015 14:11	2.048	-0.0011	
11/19/2015 14:10	1.999	-0.0011	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 14:09	1.999	-0.0011	
11/19/2015 14:08	1.999	-0.0009	
11/19/2015 14:07	1.999	-0.001	
11/19/2015 14:06	1.999	-0.0011	
11/19/2015 14:05	1.999	-0.0011	
11/19/2015 14:04	1.999	-0.0012	
11/19/2015 14:03	1.999	-0.0013	
11/19/2015 14:02	1.999	-0.0013	
11/19/2015 14:01	1.999	-0.0013	
11/19/2015 14:00	1.999	-0.0013	
11/19/2015 13:59	1.999	-0.0013	
11/19/2015 13:58	1.999	-0.0013	
11/19/2015 13:57	1.999	-0.0013	
11/19/2015 13:56	1.999	-0.0015	
11/19/2015 13:55	2.107	-0.0015	
11/19/2015 13:54	2.107	-0.0015	
11/19/2015 13:53	2.08	-0.0017	
11/19/2015 13:52	2.08	-0.0016	
11/19/2015 13:51	2.08	-0.0015	
11/19/2015 13:50	2.08	-0.0015	
11/19/2015 13:49	2.08	-0.0015	
11/19/2015 13:48	2.08	-0.0015	
11/19/2015 13:47	2.08	-0.0016	
11/19/2015 13:46	2.08	-0.0017	
11/19/2015 13:45	2.08	-0.0017	
11/19/2015 13:44	2.08	-0.0017	
11/19/2015 13:43	2.08	-0.0017	
11/19/2015 13:42	2.08	-0.0017	
11/19/2015 13:41	2.062	-0.0017	
11/19/2015 13:40	2.062	-0.0017	
11/19/2015 13:39	2.062	-0.0017	
11/19/2015 13:38	2.062	-0.0017	
11/19/2015 13:37	2.062	-0.0017	
11/19/2015 13:36	2.062	-0.0018	
11/19/2015 13:35	2.062	-0.0017	
11/19/2015 13:34	2.062	-0.0017	
11/19/2015 13:33	2.062	-0.0017	
11/19/2015 13:32	2.042	-0.0017	
11/19/2015 13:31	2.042	-0.0017	
11/19/2015 13:30	1.997	-0.0017	
11/19/2015 13:29	1.908	-0.0017	
11/19/2015 13:28	1.849	-0.0017	
11/19/2015 13:27	1.849	-0.0017	
11/19/2015 13:26	1.849	-0.0018	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 13:25	1.769	-0.0019	
11/19/2015 13:24	1.769	-0.0019	
11/19/2015 13:23	1.697	-0.0019	
11/19/2015 13:22	1.554	-0.0019	
11/19/2015 13:21	1.554	-0.0018	
11/19/2015 13:20	1.554	-0.0019	
11/19/2015 13:19	1.554	-0.0019	
11/19/2015 13:18	1.534	-0.0019	
11/19/2015 13:17	1.534	-0.0019	
11/19/2015 13:16	1.424	-0.0019	
11/19/2015 13:15	1.419	-0.0019	
11/19/2015 13:14	1.346	-0.0019	
11/19/2015 13:13	1.346	-0.0018	
11/19/2015 13:12	1.346	-0.0018	
11/19/2015 13:11	1.346	-0.0018	
11/19/2015 13:10	1.346	-0.0018	
11/19/2015 13:09	1.346	-0.0018	
11/19/2015 13:08	1.346	-0.0018	
11/19/2015 13:07	1.346	-0.0018	
11/19/2015 13:06	1.346	-0.0019	
11/19/2015 13:05	1.346	-0.0019	
11/19/2015 13:04	1.346	-0.0019	
11/19/2015 13:03	1.346	-0.0019	
11/19/2015 13:02	1.346	-0.0019	
11/19/2015 13:01	1.346	-0.0019	
11/19/2015 13:00	1.346	-0.0018	
11/19/2015 12:59	1.406	-0.0018	
11/19/2015 12:58	1.406	-0.0019	
11/19/2015 12:57	1.406	-0.0019	
11/19/2015 12:56	1.406	-0.0019	
11/19/2015 12:55	1.406	-0.0019	
11/19/2015 12:54	1.406	-0.0019	
11/19/2015 12:53	1.406	-0.0019	
11/19/2015 12:52	1.406	-0.0019	
11/19/2015 12:51	1.514	-0.0019	
11/19/2015 12:50	1.514	-0.0019	
11/19/2015 12:49	1.514	-0.0019	
11/19/2015 12:48	1.607	-0.0019	
11/19/2015 12:47	1.607	-0.0019	
11/19/2015 12:46	1.718	-0.0019	
11/19/2015 12:45	1.718	-0.0021	
11/19/2015 12:44	1.718	-0.0021	
11/19/2015 12:43	1.816	-0.002	
11/19/2015 12:42	1.816	-0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 12:41	1.841	-0.002	
11/19/2015 12:40	1.841	-0.002	
11/19/2015 12:39	1.841	-0.002	
11/19/2015 12:38	1.957	-0.002	
11/19/2015 12:37	1.992	-0.002	
11/19/2015 12:36	2.007	-0.002	
11/19/2015 12:35	2.007	-0.0017	
11/19/2015 12:34	2.007	-0.0017	
11/19/2015 12:33	2.007	-0.0017	
11/19/2015 12:32	2.007	-0.0017	
11/19/2015 12:31	2.007	-0.0017	
11/19/2015 12:30	2.014	-0.0017	
11/19/2015 12:29	2.014	-0.0017	
11/19/2015 12:28	2.014	-0.0017	
11/19/2015 12:27	2.014	-0.0017	
11/19/2015 12:26	2.014	-0.0017	
11/19/2015 12:25	2.014	-0.0017	
11/19/2015 12:24	2.014	-0.0017	
11/19/2015 12:23	2.014	-0.0017	
11/19/2015 12:22	2.014	-0.0017	
11/19/2015 12:21	2.077	-0.0017	
11/19/2015 12:20	2.077	-0.002	
11/19/2015 12:19	2.015	-0.002	
11/19/2015 12:18	2.015	-0.002	
11/19/2015 12:17	2.015	-0.002	
11/19/2015 12:16	2.015	-0.002	
11/19/2015 12:15	1.993	-0.002	
11/19/2015 12:14	1.993	-0.002	
11/19/2015 12:13	1.993	-0.002	
11/19/2015 12:12	1.866	-0.002	
11/19/2015 12:11	1.866	-0.002	
11/19/2015 12:10	1.866	-0.002	
11/19/2015 12:09	1.866	-0.002	
11/19/2015 12:08	1.866	-0.002	
11/19/2015 12:07	1.866	-0.002	
11/19/2015 12:06	1.866	-0.002	
11/19/2015 12:05	1.866	-0.002	
11/19/2015 12:04	1.866	-0.002	
11/19/2015 12:03	1.866	-0.002	
11/19/2015 12:02	1.866	-0.002	
11/19/2015 12:01	1.866	-0.002	
11/19/2015 12:00	1.8	-0.002	
11/19/2015 11:59	1.8	-0.002	
11/19/2015 11:58	1.791	-0.002	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 11:57	1.791	-0.002	
11/19/2015 11:56	1.791	-0.002	
11/19/2015 11:55	1.791	-0.002	
11/19/2015 11:54	1.791	-0.002	
11/19/2015 11:53	1.791	-0.002	
11/19/2015 11:52	1.791	-0.002	
11/19/2015 11:51	1.791	-0.002	
11/19/2015 11:50	1.791	-0.002	
11/19/2015 11:49	1.791	-0.002	
11/19/2015 11:48	1.791	-0.002	
11/19/2015 11:47	1.791	-0.002	
11/19/2015 11:46	1.791	-0.002	
11/19/2015 11:45	1.791	-0.002	
11/19/2015 11:44	1.791	-0.002	
11/19/2015 11:43	1.82	-0.002	
11/19/2015 11:42	1.82	-0.0019	
11/19/2015 11:41	1.892	-0.0019	
11/19/2015 11:40	1.897	-0.0019	
11/19/2015 11:39	1.897	-0.0019	
11/19/2015 11:38	1.94	-0.0019	
11/19/2015 11:37	1.987	-0.0019	
11/19/2015 11:36	1.987	-0.0018	
11/19/2015 11:35	1.987	-0.0018	
11/19/2015 11:34	1.987	-0.0018	
11/19/2015 11:33	1.98	-0.0018	
11/19/2015 11:32	1.98	-0.0018	
11/19/2015 11:31	1.93	-0.0018	
11/19/2015 11:30	1.913	-0.0017	
11/19/2015 11:29	1.913	-0.0017	
11/19/2015 11:28	1.913	-0.0016	
11/19/2015 11:27	1.913	-0.0017	
11/19/2015 11:26	1.913	-0.0016	
11/19/2015 11:25	1.913	-0.0016	
11/19/2015 11:24	1.913	-0.0015	
11/19/2015 11:23	1.913	-0.0015	
11/19/2015 11:22	1.913	-0.0015	
11/19/2015 11:21	1.913	-0.0015	
11/19/2015 11:20	1.913	-0.0014	
11/19/2015 11:19	1.913	-0.0013	
11/19/2015 11:18	1.913	-0.0013	
11/19/2015 11:17	1.913	-0.0012	
11/19/2015 11:16	1.913	-0.0011	
11/19/2015 11:15	1.95	-0.0011	
11/19/2015 11:14	1.95	-0.0011	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 11:13	1.955	-0.0011	
11/19/2015 11:12	1.955	-0.0011	
11/19/2015 11:11	1.955	-0.0011	
11/19/2015 11:10	1.955	-0.001	
11/19/2015 11:09	1.955	-0.001	
11/19/2015 11:08	1.955	-0.001	
11/19/2015 11:07	1.955	-0.001	
11/19/2015 11:06	1.975	-0.001	
11/19/2015 11:05	1.975	-0.001	
11/19/2015 11:04	1.975	-0.001	
11/19/2015 11:03	1.975	-0.001	
11/19/2015 11:02	1.975	-0.001	
11/19/2015 11:01	1.975	-0.001	
11/19/2015 11:00	1.975	-0.001	
11/19/2015 10:59	1.975	-0.001	
11/19/2015 10:58	1.975	-0.001	
11/19/2015 10:57	1.945	-0.001	
11/19/2015 10:56	1.945	-0.001	
11/19/2015 10:55	1.901	-0.0009	
11/19/2015 10:54	1.836	-0.0009	
11/19/2015 10:53	1.726	-0.0009	
11/19/2015 10:52	1.72	-0.0009	
11/19/2015 10:51	1.625	-0.0009	
11/19/2015 10:50	1.625	-0.0009	
11/19/2015 10:49	1.5	0.0012	
11/19/2015 10:48	1.5	0.0012	
11/19/2015 10:47	1.5	0.0012	
11/19/2015 10:46	1.5	0.0012	
11/19/2015 10:45	1.5	0.0012	
11/19/2015 10:44	1.415	0.0013	
11/19/2015 10:43	1.371	0.0013	
11/19/2015 10:42	1.371	0.0013	
11/19/2015 10:41	1.371	0.0014	
11/19/2015 10:40	1.371	0.0013	
11/19/2015 10:39	1.371	0.0013	
11/19/2015 10:38	1.371	0.0013	
11/19/2015 10:37	1.371	0.0013	
11/19/2015 10:36	1.371	0.0013	
11/19/2015 10:35	1.371	0.0013	
11/19/2015 10:34	1.371	-0.0007	
11/19/2015 10:33	1.371	-0.0007	
11/19/2015 10:32	1.139	-0.0007	
11/19/2015 10:31	1.103	-0.0007	
11/19/2015 10:30	1.069	-0.0007	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 10:29	1.045	-0.0007	
11/19/2015 10:28	0.852	-0.0007	
11/19/2015 10:27	0.852	-0.0007	
11/19/2015 10:26	0.852	-0.0007	
11/19/2015 10:25	0.852	-0.0006	
11/19/2015 10:24	0.852	-0.0005	
11/19/2015 10:23	0.803	-0.0005	
11/19/2015 10:22	0.803	-0.0005	
11/19/2015 10:21	0.674	-0.0005	
11/19/2015 10:20	0.592	-0.0005	
11/19/2015 10:19	0.592	-0.0005	
11/19/2015 10:18	0.592	-0.0004	
11/19/2015 10:17	0.563	-0.0003	
11/19/2015 10:16	0.505	-0.0003	
11/19/2015 10:15	0.505	-0.0003	
11/19/2015 10:14	0.505	-0.0003	
11/19/2015 10:13	0.454	-0.0003	
11/19/2015 10:12	0.418	-0.0002	
11/19/2015 10:11	0.418	-0.0002	
11/19/2015 10:10	0.259	-0.0002	
11/19/2015 10:09	0.259	-0.0003	
11/19/2015 10:08	0.259	-0.0003	
11/19/2015 10:07	0.259	-0.0002	
11/19/2015 10:06	0.205	-0.0002	
11/19/2015 10:05	0.205	-0.0001	
11/19/2015 10:04	0.205	0	
11/19/2015 10:03	0.202	0	
11/19/2015 10:02	0.124	0	
11/19/2015 10:01	0.102	0	
11/19/2015 9:59	0.099		
11/19/2015 9:58	0.066	0	
11/19/2015 9:57	0.022	0	
11/19/2015 9:56	0.022	0	
11/19/2015 9:55	0.021	0.0001	
11/19/2015 9:54	0.021	0.0001	
11/19/2015 9:53	0.021	0.0001	
11/19/2015 9:52	0.021	0.0001	
11/19/2015 9:51	0.021	0.0001	
11/19/2015 9:50	0.02	0.0001	
11/19/2015 9:49	0.02	0.0001	
11/19/2015 9:48	0.02	0.0001	
11/19/2015 9:47	0.002	0.0001	
11/19/2015 9:46	0	0.0001	
11/19/2015 9:45	0	0.0001	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 9:44	0	0.0004	
11/19/2015 9:43	0	0.0004	
11/19/2015 9:42	0	0.0004	
11/19/2015 9:41	0	0.0004	
11/19/2015 9:40	0	0.0004	
11/19/2015 9:39	0	0.0005	
11/19/2015 9:38	0	0.0005	
11/19/2015 9:37	0	0.0005	
11/19/2015 9:36	0	0.0006	
11/19/2015 9:35	0	0.0006	
11/19/2015 9:34	0	0.0007	
11/19/2015 9:33	0	0.0007	
11/19/2015 9:32	0	0.0008	
11/19/2015 9:31	0	0.0009	
11/19/2015 9:30	0	0.0009	
11/19/2015 9:29	0	0.0007	
11/19/2015 9:28	0	0.0008	
11/19/2015 9:27	0	0.0009	
11/19/2015 9:26	0	0.0009	
11/19/2015 9:25	0	0.0009	
11/19/2015 9:24	0	0.0009	
11/19/2015 9:23	0	0.0009	
11/19/2015 9:22	0	0.001	
11/19/2015 9:21	0	0.001	
11/19/2015 9:20	0	0.001	
11/19/2015 9:19	0	0.001	
11/19/2015 9:18	0	0.001	
11/19/2015 9:17	0	0.001	
11/19/2015 9:16	0	0.001	
11/19/2015 9:15	0	0.001	
11/19/2015 9:14	0	0.001	
11/19/2015 9:13	0	0.001	
11/19/2015 9:12	0	0.0012	
11/19/2015 9:11	0	0.0012	
11/19/2015 9:10	0	0.0012	
11/19/2015 9:09	0	0.0012	
11/19/2015 9:08	0	0.0012	
11/19/2015 9:07	0	0.0012	
11/19/2015 9:06	0	0.0012	
11/19/2015 9:05	0	0.0012	
11/19/2015 9:04	0	0.0012	
11/19/2015 9:03	0	0.0012	
11/19/2015 9:02	0	0.0013	
11/19/2015 9:01	0	0.0013	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/19/2015 9:00	0	0.0013	
11/19/2015 8:59	0	0.0013	
11/19/2015 8:58	0	0.0013	
11/19/2015 8:57	0	0.0011	
11/19/2015 8:56	0	0.0011	
11/19/2015 8:55	0	0.0011	
11/19/2015 8:54	0	0.0011	
11/19/2015 8:53	0	0.0011	
11/19/2015 8:52	0	0.0011	
11/19/2015 8:51	0	0.0012	
11/19/2015 8:50	0	0.0012	
11/19/2015 8:49	0	0.0012	
11/19/2015 8:48	0	0.0013	
11/19/2015 8:47	0	0.0013	
11/19/2015 8:46	0	0.0013	
11/19/2015 8:45	0	0.0013	
11/19/2015 8:44	0	0.0013	
11/19/2015 8:43	0	0.0014	
11/19/2015 8:42	0	0.0014	
11/19/2015 8:41	0	0.0013	
11/19/2015 8:40	0	0.0014	
11/19/2015 8:39	0	0.0014	
11/19/2015 8:38	0	0.0015	
11/19/2015 8:37	0	0.0016	
11/19/2015 8:36	0	0.0015	
11/19/2015 8:35	0	0.0017	
11/19/2015 8:34	0	0.002	
11/19/2015 8:33	0	0.002	
11/18/2015 16:00	0.523	0.013	
11/18/2015 15:59	0.523	0.0129	
11/18/2015 15:58	0.523	0.0129	
11/18/2015 15:57	0.523	0.0128	
11/18/2015 15:56	0.52	0.0127	
11/18/2015 15:55	0.502	0.0125	
11/18/2015 15:54	0.502	0.0121	
11/18/2015 15:53	0.502	0.012	
11/18/2015 15:52	0.502	0.0119	
11/18/2015 15:51	0.502	0.0116	
11/18/2015 15:50	0.478	0.0115	
11/18/2015 15:49	0.478	0.0115	
11/18/2015 15:48	0.478	0.0115	
11/18/2015 15:47	0.478	0.0115	
11/18/2015 15:46	0.478	0.0115	
11/18/2015 15:45	0.478	0.0114	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 15:44	0.455	0.0114	
11/18/2015 15:43	0.455	0.0113	
11/18/2015 15:42	0.455	0.0113	
11/18/2015 15:41	0.455	0.0113	
11/18/2015 15:40	0.438	0.0113	
11/18/2015 15:39	0.438	0.0121	
11/18/2015 15:38	0.438	0.0169	
11/18/2015 15:37	0.438	0.0169	
11/18/2015 15:36	0.438	0.0193	
11/18/2015 15:35	0.438	0.0195	
11/18/2015 15:34	0.438	0.0197	
11/18/2015 15:33	0.438	0.0203	
11/18/2015 15:32	0.438	0.0205	
11/18/2015 15:31	0.438	0.0207	
11/18/2015 15:30	0.438	0.0213	
11/18/2015 15:29	0.298	0.0217	
11/18/2015 15:28	0.164	0.0225	
11/18/2015 15:27	0.164	0.0232	
11/18/2015 15:26	0.164	0.0233	
11/18/2015 15:25	0.164	0.0245	
11/18/2015 15:24	0.164	0.0348	
11/18/2015 15:23	0.164	0.0301	
11/18/2015 15:22	0.164	0.0347	
11/18/2015 15:21	0.164	0.0329	
11/18/2015 15:20	0.164	0.0341	
11/18/2015 15:19	0.164	0.0359	
11/18/2015 15:18	0.164	0.0393	
11/18/2015 15:17	0.164	0.0475	
11/18/2015 15:16	0.164	0.0483	
11/18/2015 15:15	0.164	0.048	
11/18/2015 15:14	0.164	0.0485	
11/18/2015 15:13		0.0476	
11/18/2015 15:12		0.0475	Downwind No. 1 PID reading erroneous. Verified 0.0 ppm reading with handheld PID. Calibrated Downwind PID.
	5.32		
11/18/2015 15:11	5.285	0.0475	
11/18/2015 15:10	5.285	0.0463	
11/18/2015 15:09	5.285	0.0356	
11/18/2015 15:08	5.256	0.0357	
11/18/2015 15:07	5.234	0.0311	
11/18/2015 15:06	5.234	0.0312	
11/18/2015 15:05	5.234	0.0307	
11/18/2015 15:04	5.209	0.0297	
11/18/2015 15:03	5.191	0.0256	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 15:02	5.191	0.0176	
11/18/2015 15:01	5.191	0.0165	
11/18/2015 15:00	5.17	0.0167	
11/18/2015 14:59	5.163	0.0158	
11/18/2015 14:58	5.143	0.0167	
11/18/2015 14:57	5.109	0.0233	
11/18/2015 14:56	5.109	0.023	
11/18/2015 14:55	5.086	0.0229	
11/18/2015 14:54	5.086	0.0225	
11/18/2015 14:53	5.027	0.0221	
11/18/2015 14:52	4.988	0.022	
11/18/2015 14:51	4.968	0.0213	
11/18/2015 14:50	4.968	0.0211	
11/18/2015 14:49	4.88	0.0199	
11/18/2015 14:48	4.88	0.0199	
11/18/2015 14:47	4.88	0.0195	
11/18/2015 14:46	4.876	0.0211	
11/18/2015 14:45	4.876	0.0204	
11/18/2015 14:44	4.876	0.0225	
11/18/2015 14:43	4.856	0.024	
11/18/2015 14:42	4.856	0.0167	
11/18/2015 14:41	4.832	0.0167	
11/18/2015 14:40	4.765	0.0165	
11/18/2015 14:39	4.765	0.0165	
11/18/2015 14:38	4.762	0.0165	
11/18/2015 14:37	4.762	0.0163	
11/18/2015 14:36	4.762	0.0163	
11/18/2015 14:35	4.726	0.0157	
11/18/2015 14:34	4.657	0.0155	
11/18/2015 14:33	4.657	0.0155	
11/18/2015 14:32	4.603	0.0151	
11/18/2015 14:31	4.577	0.0135	
11/18/2015 14:30	4.577	0.0134	
11/18/2015 14:29	4.577	0.0112	
11/18/2015 14:28	4.477	0.0086	
11/18/2015 14:27	4.477	0.0086	
11/18/2015 14:26	4.477	0.0085	
11/18/2015 14:25	4.477	0.0085	
11/18/2015 14:24	4.477	0.0085	
11/18/2015 14:23	4.477	0.0087	
11/18/2015 14:22	4.477	0.0087	
11/18/2015 14:21	4.432	0.0087	
11/18/2015 14:20	4.432	0.0084	
11/18/2015 14:19	4.378	0.0084	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 14:18	4.378	0.0085	
11/18/2015 14:17	4.378	0.0088	
11/18/2015 14:16	4.378	0.0103	
11/18/2015 14:15	4.378	0.0104	
11/18/2015 14:14	4.362	0.0103	
11/18/2015 14:13	4.362	0.0103	
11/18/2015 14:12	4.362	0.0107	
11/18/2015 14:11	4.362	0.0119	
11/18/2015 14:10	4.362	0.0139	
11/18/2015 14:09	4.35	0.0144	
11/18/2015 14:08	4.35	0.0192	
11/18/2015 14:07	4.35	0.0213	
11/18/2015 14:06	4.324	0.022	
11/18/2015 14:05	4.304	0.0229	
11/18/2015 14:04	4.304	0.0241	
11/18/2015 14:03	4.274	0.0293	
11/18/2015 14:02	4.205	0.0297	
11/18/2015 14:01	4.205	0.0307	
11/18/2015 14:00	4.205	0.0323	
11/18/2015 13:59	4.146	0.0329	
11/18/2015 13:58	4.146	0.0329	
11/18/2015 13:57	4.09	0.0328	
11/18/2015 13:56	4.09	0.0317	
11/18/2015 13:55	4.09	0.0299	
11/18/2015 13:54	4.066	0.0347	
11/18/2015 13:53	4.066	0.0305	
11/18/2015 13:52	4.066	0.0295	
11/18/2015 13:51	4.021	0.0296	
11/18/2015 13:50	4.021	0.0315	
11/18/2015 13:49	4.021	0.0317	
11/18/2015 13:48	4.021	0.0279	
11/18/2015 13:47	3.994	0.0272	
11/18/2015 13:46	3.994	0.0261	
11/18/2015 13:45	3.994	0.0247	
11/18/2015 13:44	3.972	0.0271	
11/18/2015 13:43	3.972	0.0303	
11/18/2015 13:42	3.972	0.0303	
11/18/2015 13:41	3.972	0.0306	
11/18/2015 13:40	3.972	0.0316	
11/18/2015 13:39	3.968	0.0261	
11/18/2015 13:38	3.968	0.0252	
11/18/2015 13:37	3.968	0.0241	
11/18/2015 13:36	3.968	0.0231	
11/18/2015 13:35	3.863	0.0201	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 13:34	3.863	0.0186	
11/18/2015 13:33	3.863	0.0171	
11/18/2015 13:32	3.863	0.0169	
11/18/2015 13:31	3.863	0.0155	
11/18/2015 13:30	3.861	0.015	
11/18/2015 13:29	3.861	0.0121	
11/18/2015 13:28	3.861	0.009	
11/18/2015 13:27	3.861	0.0089	
11/18/2015 13:26	3.861	0.0083	
11/18/2015 13:25	3.861	0.0071	
11/18/2015 13:24	3.861	0.0071	
11/18/2015 13:23	3.861	0.0076	
11/18/2015 13:22	3.861	0.0091	
11/18/2015 13:21	3.772	0.0091	
11/18/2015 13:20	3.772	0.0103	
11/18/2015 13:19	3.772	0.0108	
11/18/2015 13:18	3.772	0.0109	
11/18/2015 13:17	3.772	0.011	
11/18/2015 13:16	3.772	0.0109	
11/18/2015 13:15	3.772	0.0111	
11/18/2015 13:14	3.772	0.0111	
11/18/2015 13:13	3.772	0.0117	
11/18/2015 13:12	3.772	0.0115	
11/18/2015 13:11	3.772	0.0115	
11/18/2015 13:10	3.772	0.0118	
11/18/2015 13:09	3.772	0.0117	
11/18/2015 13:08	3.772	0.0113	
11/18/2015 13:07	3.772	0.0116	
11/18/2015 13:06	3.829	0.0117	
11/18/2015 13:05	3.829	0.0108	
11/18/2015 13:04	3.829	0.0103	
11/18/2015 13:03	3.829	0.0101	
11/18/2015 13:02	3.829	0.0101	
11/18/2015 13:01	3.829	0.0123	
11/18/2015 13:00	3.829	0.0124	
11/18/2015 12:59	3.822	0.0131	
11/18/2015 12:58	3.822	0.0127	
11/18/2015 12:57	3.822	0.0125	
11/18/2015 12:56	3.789	0.0126	
11/18/2015 12:55	3.789	0.0123	
11/18/2015 12:54	3.789	0.0134	
11/18/2015 12:53	3.789	0.0147	
11/18/2015 12:52	3.741	0.013	
11/18/2015 12:51	3.741	0.0137	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 12:50	3.741	0.0208	
11/18/2015 12:49	3.741	0.0212	
11/18/2015 12:48	3.741	0.0237	
11/18/2015 12:47	3.741	0.0239	
11/18/2015 12:46	3.741	0.0231	
11/18/2015 12:45	3.741	0.0235	
11/18/2015 12:44	3.741	0.0275	
11/18/2015 12:43	3.741	0.0281	
11/18/2015 12:42	3.741	0.0293	
11/18/2015 12:41	3.741	0.0308	
11/18/2015 12:40	3.716	0.0311	
11/18/2015 12:39	3.716	0.0315	
11/18/2015 12:38	3.716	0.0306	
11/18/2015 12:37	3.716	0.0362	
11/18/2015 12:36	3.716	0.0381	
11/18/2015 12:35	3.716	0.0353	
11/18/2015 12:34	3.701	0.035	
11/18/2015 12:33	3.659	0.0353	
11/18/2015 12:32	3.659	0.0354	
11/18/2015 12:31	3.659	0.0341	
11/18/2015 12:30	3.659	0.0345	
11/18/2015 12:29	3.659	0.031	
11/18/2015 12:28	3.659	0.0303	
11/18/2015 12:27	3.659	0.0299	
11/18/2015 12:26	3.659	0.0289	
11/18/2015 12:25	3.659	0.0287	
11/18/2015 12:24	3.646	0.0277	
11/18/2015 12:23	3.646	0.0276	
11/18/2015 12:22	3.646	0.0219	
11/18/2015 12:21	3.646	0.0192	
11/18/2015 12:20	3.646	0.015	
11/18/2015 12:19	3.646	0.0149	
11/18/2015 12:18	3.646	0.013	
11/18/2015 12:17	3.646	0.0126	
11/18/2015 12:16	3.646	0.0125	
11/18/2015 12:15	3.599	0.0113	
11/18/2015 12:14	3.599	0.0101	
11/18/2015 12:13	3.599	0.0098	
11/18/2015 12:12	3.599	0.0089	
11/18/2015 12:11	3.599	0.0084	
11/18/2015 12:10	3.599	0.0083	
11/18/2015 12:09	3.575	0.0079	
11/18/2015 12:08	3.549	0.0074	
11/18/2015 12:07	3.549	0.0073	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 12:06	3.518	0.0073	
11/18/2015 12:05	3.518	0.007	
11/18/2015 12:04	3.504	0.007	
11/18/2015 12:03	3.494	0.0061	
11/18/2015 12:02	3.433	0.0061	
11/18/2015 12:01	3.429	0.0062	
11/18/2015 12:00	3.335	0.0063	
11/18/2015 11:59	3.335	0.0064	
11/18/2015 11:58	3.335	0.0065	
11/18/2015 11:57	3.335	0.0065	
11/18/2015 11:56	3.314	0.0066	
11/18/2015 11:55	3.227	0.0067	
11/18/2015 11:54	3.227	0.0067	
11/18/2015 11:53	3.227	0.0067	
11/18/2015 11:52	3.227	0.0067	
11/18/2015 11:51	3.227	0.0068	
11/18/2015 11:50	3.227	0.0068	
11/18/2015 11:49	3.227	0.0069	
11/18/2015 11:48	3.227	0.0069	
11/18/2015 11:47	3.196	0.007	
11/18/2015 11:46	3.192	0.007	
11/18/2015 11:45	3.192	0.007	
11/18/2015 11:44	3.192	0.0069	
11/18/2015 11:43	3.192	0.0069	
11/18/2015 11:42	3.192	0.0069	
11/18/2015 11:41	3.177	0.0069	
11/18/2015 11:40	3.177	0.0069	
11/18/2015 11:39	3.111	0.0069	
11/18/2015 11:38	3.111	0.007	
11/18/2015 11:37	3.111	0.007	
11/18/2015 11:36	3.111	0.007	
11/18/2015 11:35	3.111	0.007	
11/18/2015 11:34	3.111	0.007	
11/18/2015 11:33	3.111	0.007	
11/18/2015 11:32	3.111	0.007	
11/18/2015 11:31	3.111	0.0071	
11/18/2015 11:30	3.111	0.0071	
11/18/2015 11:29	3.111	0.0071	
11/18/2015 11:28	3.111	0.0071	
11/18/2015 11:27	3.111	0.0071	
11/18/2015 11:26	3.111	0.0071	
11/18/2015 11:25	3.111	0.0071	
11/18/2015 11:24	3.117	0.0071	
11/18/2015 11:23	3.061	0.0071	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 11:22	3.061	0.0071	
11/18/2015 11:21	2.955	0.0071	
11/18/2015 11:20	2.955	0.0071	
11/18/2015 11:19	2.955	0.0071	
11/18/2015 11:18	2.955	0.0071	
11/18/2015 11:17	2.955	0.0071	
11/18/2015 11:16	2.955	0.0071	
11/18/2015 11:15	2.955	0.0071	
11/18/2015 11:14	2.955	0.0071	
11/18/2015 11:13	2.946	0.0071	
11/18/2015 11:12	2.946	0.0071	
11/18/2015 11:11	2.946	0.0071	
11/18/2015 11:10	2.918	0.0071	
11/18/2015 11:09	2.918	0.0071	
11/18/2015 11:08	2.896	0.0071	
11/18/2015 11:07	2.896	0.0071	
11/18/2015 11:06	2.896	0.0071	
11/18/2015 11:05	2.896	0.0071	
11/18/2015 11:04	2.896	0.007	
11/18/2015 11:03	2.896	0.0069	
11/18/2015 11:02	2.896	0.0069	
11/18/2015 11:01	2.8	0.0068	
11/18/2015 11:00	2.8	0.0068	
11/18/2015 10:59	2.8	0.0068	
11/18/2015 10:58	2.8	0.0069	
11/18/2015 10:57	2.8	0.0068	
11/18/2015 10:56	2.8	0.0068	
11/18/2015 10:55	2.723	0.0068	
11/18/2015 10:54	2.723	0.0068	
11/18/2015 10:53	2.723	0.0067	
11/18/2015 10:52	2.723	0.0067	
11/18/2015 10:51	2.723	0.0066	
11/18/2015 10:50	2.723	0.0067	
11/18/2015 10:49	2.723	0.0067	
11/18/2015 10:48	2.723	0.0068	
11/18/2015 10:47	2.723	0.0067	
11/18/2015 10:46	2.723	0.0067	
11/18/2015 10:45	2.723	0.0067	
11/18/2015 10:44	2.723	0.0067	
11/18/2015 10:43	2.723	0.0067	
11/18/2015 10:42	2.723	0.0067	
11/18/2015 10:41	2.723	0.0067	
11/18/2015 10:40	2.679	0.0067	
11/18/2015 10:39	2.679	0.0067	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 10:38	2.679	0.0067	
11/18/2015 10:37	2.679	0.0068	
11/18/2015 10:36	2.679	0.0068	
11/18/2015 10:35	2.679	0.0068	
11/18/2015 10:34	2.679	0.0068	
11/18/2015 10:33	2.679	0.0068	
11/18/2015 10:32	2.679	0.0068	
11/18/2015 10:31	2.654	0.0068	
11/18/2015 10:30	2.654	0.0069	
11/18/2015 10:29	2.654	0.0069	
11/18/2015 10:28	2.654	0.0069	
11/18/2015 10:27	2.654	0.0069	
11/18/2015 10:26	2.654	0.007	
11/18/2015 10:25	2.654	0.007	
11/18/2015 10:24	2.654	0.007	
11/18/2015 10:23	2.654	0.0071	
11/18/2015 10:22	2.654	0.0071	
11/18/2015 10:21	2.654	0.0071	
11/18/2015 10:20	2.654	0.0071	
11/18/2015 10:19	2.654	0.0071	
11/18/2015 10:18	2.654	0.0071	
11/18/2015 10:17	2.654	0.0071	
11/18/2015 10:16	2.66	0.0071	
11/18/2015 10:15	2.639	0.0071	
11/18/2015 10:14	2.639	0.0072	
11/18/2015 10:13	2.639	0.0072	
11/18/2015 10:12	2.639	0.0073	
11/18/2015 10:11	2.639	0.0073	
11/18/2015 10:10	2.639	0.0074	
11/18/2015 10:09	2.639	0.0074	
11/18/2015 10:08	2.639	0.0074	
11/18/2015 10:07	2.639	0.0076	
11/18/2015 10:06	2.639	0.0076	
11/18/2015 10:05	2.639	0.0077	
11/18/2015 10:04	2.639	0.0078	
11/18/2015 10:03	2.639	0.0079	
11/18/2015 10:02	2.639	0.0079	
11/18/2015 10:01	2.639	0.008	
11/18/2015 10:00	2.694	0.0081	
11/18/2015 9:59	2.694	0.0081	
11/18/2015 9:58	2.694	0.0081	
11/18/2015 9:57	2.773	0.0082	
11/18/2015 9:56	2.773	0.0083	
11/18/2015 9:54		0.0083	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 9:53	2.783	0.0083	
11/18/2015 9:52	2.783	0.0081	
11/18/2015 9:51	2.837	0.0083	
11/18/2015 9:50	2.837	0.0083	
11/18/2015 9:49	2.837	0.0083	
11/18/2015 9:48	2.837	0.0083	
11/18/2015 9:47	2.837	0.0083	
11/18/2015 9:46	2.837	0.0083	
11/18/2015 9:45	2.837	0.0083	
11/18/2015 9:44	2.837	0.0083	
11/18/2015 9:43	2.837	0.0083	
11/18/2015 9:42	2.837	0.0082	
11/18/2015 9:41	2.837	0.0082	
11/18/2015 9:40	2.837	0.0083	
11/18/2015 9:39	2.778	0.0083	
11/18/2015 9:38	2.778	0.0084	
11/18/2015 9:37	2.772	0.0085	
11/18/2015 9:36	2.702	0.0085	
11/18/2015 9:35	2.702	0.0086	
11/18/2015 9:34	2.702	0.0087	
11/18/2015 9:33	2.696	0.0087	
11/18/2015 9:32	2.683	0.0089	
11/18/2015 9:31	2.683	0.009	
11/18/2015 9:30	2.683	0.0097	
11/18/2015 9:29	2.683	0.0097	
11/18/2015 9:28	2.627	0.0099	
11/18/2015 9:27	2.627	0.0104	
11/18/2015 9:26	2.627	0.0105	
11/18/2015 9:25	2.605	0.0105	
11/18/2015 9:24	2.605	0.0107	
11/18/2015 9:23	2.598	0.0108	
11/18/2015 9:22	2.598	0.0109	
11/18/2015 9:21	2.587	0.0109	
11/18/2015 9:20	2.524	0.011	
11/18/2015 9:19	2.524	0.0111	
11/18/2015 9:18	2.524	0.0112	
11/18/2015 9:17	2.524	0.0111	
11/18/2015 9:16	2.467	0.0111	
11/18/2015 9:15	2.467	0.0106	
11/18/2015 9:14	2.467	0.0107	
11/18/2015 9:13	2.467	0.0107	
11/18/2015 9:12	2.364	0.0103	
11/18/2015 9:11	2.361	0.0102	
11/18/2015 9:10	2.29	0.0105	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 9:09	2.29	0.0103	
11/18/2015 9:08	2.246	0.0104	
11/18/2015 9:07	2.246	0.0103	
11/18/2015 9:06	2.221	0.0103	
11/18/2015 9:05	2.168	0.0103	
11/18/2015 9:04	2.125	0.0103	
11/18/2015 9:03	2.095	0.0103	
11/18/2015 9:02	2.067	0.0103	
11/18/2015 9:01	2.067	0.0103	
11/18/2015 9:00	2.057	0.0104	
11/18/2015 8:59	2.037	0.0104	
11/18/2015 8:58	1.964	0.0104	
11/18/2015 8:57	1.964	0.0104	
11/18/2015 8:56	1.911	0.0105	
11/18/2015 8:55	1.911	0.0102	
11/18/2015 8:54	1.868	0.0102	
11/18/2015 8:53	1.807	0.0103	
11/18/2015 8:52	1.78	0.0103	
11/18/2015 8:51	1.74	0.0103	
11/18/2015 8:50	1.74	0.0103	
11/18/2015 8:49	1.682	0.0115	
11/18/2015 8:48	1.669	0.0115	
11/18/2015 8:47	1.641	0.0115	
11/18/2015 8:46	1.604	0.0115	
11/18/2015 8:45	1.536	0.0115	
11/18/2015 8:44	1.536	0.0115	
11/18/2015 8:43	1.466	0.0115	
11/18/2015 8:42	1.423	0.0115	
11/18/2015 8:41	1.362	0.0115	
11/18/2015 8:40	1.301	0.0115	
11/18/2015 8:39	1.237	0.0116	
11/18/2015 8:38	1.237	0.0116	
11/18/2015 8:37	1.099	0.0117	
11/18/2015 8:36	0.974	0.0121	
11/18/2015 8:35	0.905	0.0122	
11/18/2015 8:34	0.787	0.0109	
11/18/2015 8:33	0.672	0.0108	
11/18/2015 8:32	0.672	0.0109	
11/18/2015 8:31	0.672	0.0109	
11/18/2015 8:30	0.672	0.011	
11/18/2015 8:29	0.672	0.011	
11/18/2015 8:28	0.672	0.0111	
11/18/2015 8:27	0.672	0.0113	
11/18/2015 8:26	0.672	0.0115	

PHILIPS LIGHTING COMPANY BATH FACILITY - IRMs 2-6

Timestamp (GMT-5)	VOC (Min15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)	Comments
11/18/2015 8:25	0.672	0.0118	
11/18/2015 8:23	0.672		
11/18/2015 8:22	0.672	0.012	
11/18/2015 8:21	0.672	0.0107	
11/18/2015 8:20	0.672	0.0105	
11/18/2015 8:19	0.672	0.01	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 16:02	0	0.0239
11/24/2015 16:01	0	0.024
11/24/2015 16:00	0	0.024
11/24/2015 15:59	0	0.024
11/24/2015 15:58	0	0.0241
11/24/2015 15:57	0	0.0241
11/24/2015 15:56	0	0.0241
11/24/2015 15:55	0	0.0241
11/24/2015 15:54	0	0.0241
11/24/2015 15:53	0	0.0241
11/24/2015 15:52	0	0.024
11/24/2015 15:51	0	0.0239
11/24/2015 15:50	0	0.0237
11/24/2015 15:49	0	0.0237
11/24/2015 15:48	0	0.0237
11/24/2015 15:47	0	0.0235
11/24/2015 15:46	0	0.0235
11/24/2015 15:45	0	0.0233
11/24/2015 15:44	0	0.0233
11/24/2015 15:43	0	0.0233
11/24/2015 15:42	0	0.0232
11/24/2015 15:41	0	0.0232
11/24/2015 15:40	0	0.0233
11/24/2015 15:39	0	0.0233
11/24/2015 15:38	0	0.0233
11/24/2015 15:37	0	0.0233
11/24/2015 15:36	0	0.0234
11/24/2015 15:35	0	0.0235
11/24/2015 15:34	0	0.0235
11/24/2015 15:33	0	0.0237
11/24/2015 15:32	0	0.0238
11/24/2015 15:31	0	0.0239
11/24/2015 15:30	0	0.0241
11/24/2015 15:29	0	0.0241
11/24/2015 15:28	0	0.0241
11/24/2015 15:27	0	0.0242
11/24/2015 15:26	0	0.0242
11/24/2015 15:25	0	0.0241
11/24/2015 15:24	0	0.0241
11/24/2015 15:23	0	0.0241
11/24/2015 15:22	0	0.0241
11/24/2015 15:21	0	0.0241
11/24/2015 15:20	0	0.0241
11/24/2015 15:19	0	0.024
11/24/2015 15:18	0	0.0239

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 15:17	0	0.0239
11/24/2015 15:16	0	0.0239
11/24/2015 15:15	0	0.0239
11/24/2015 15:14	0	0.0239
11/24/2015 15:13	0	0.0239
11/24/2015 15:12	0	0.0239
11/24/2015 15:11	0	0.0239
11/24/2015 15:10	0	0.0239
11/24/2015 15:09	0	0.0239
11/24/2015 15:08	0	0.0239
11/24/2015 15:07	0	0.0239
11/24/2015 15:06	0	0.0239
11/24/2015 15:05	0	0.0239
11/24/2015 15:04	0	0.0239
11/24/2015 15:03	0	0.0239
11/24/2015 15:02	0	0.0238
11/24/2015 15:01	0	0.0238
11/24/2015 15:00	0	0.0237
11/24/2015 14:59	0	0.0238
11/24/2015 14:58	0	0.0237
11/24/2015 14:57	0	0.0237
11/24/2015 14:56	0	0.0237
11/24/2015 14:55	0	0.0236
11/24/2015 14:54	0	0.0235
11/24/2015 14:53	0	0.0235
11/24/2015 14:52	0	0.0235
11/24/2015 14:51	0	0.0234
11/24/2015 14:50	0	0.0233
11/24/2015 14:49	0	0.0233
11/24/2015 14:48	0	0.0233
11/24/2015 14:47	0	0.0233
11/24/2015 14:46	0	0.0231
11/24/2015 14:45	0	0.0231
11/24/2015 14:44	0	0.0229
11/24/2015 14:43	0	0.0229
11/24/2015 14:42	0	0.0229
11/24/2015 14:41	0	0.0229
11/24/2015 14:40	0	0.0229
11/24/2015 14:39	0	0.0229
11/24/2015 14:38	0	0.0229
11/24/2015 14:37	0	0.0228
11/24/2015 14:36	0	0.0227
11/24/2015 14:35	0	0.0227
11/24/2015 14:34	0	0.0227

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 14:33	0	0.0227
11/24/2015 14:32	0	0.0227
11/24/2015 14:31	0	0.0227
11/24/2015 14:30	0	0.0227
11/24/2015 14:29	0	0.0227
11/24/2015 14:28	0	0.0227
11/24/2015 14:27	0	0.0227
11/24/2015 14:26	0	0.0227
11/24/2015 14:25	0	0.0227
11/24/2015 14:24	0	0.0229
11/24/2015 14:23	0	0.0229
11/24/2015 14:22	0	0.0231
11/24/2015 14:21	0	0.0232
11/24/2015 14:20	0	0.0234
11/24/2015 14:19	0	0.0234
11/24/2015 14:18	0	0.0235
11/24/2015 14:17	0	0.0235
11/24/2015 14:16	0	0.0235
11/24/2015 14:15	0	0.0235
11/24/2015 14:14	0	0.0237
11/24/2015 14:13	0	0.0237
11/24/2015 14:12	0	0.0238
11/24/2015 14:11	0	0.0239
11/24/2015 14:10	0	0.0238
11/24/2015 14:09	0	0.0238
11/24/2015 14:08	0	0.0238
11/24/2015 14:07	0	0.0238
11/24/2015 14:06	0	0.0237
11/24/2015 14:05	0	0.0236
11/24/2015 14:04	0	0.0237
11/24/2015 14:03	0	0.0237
11/24/2015 14:02	0	0.0237
11/24/2015 14:01	0	0.0237
11/24/2015 14:00	0	0.0237
11/24/2015 13:59	0	0.0237
11/24/2015 13:58	0	0.0236
11/24/2015 13:57	0	0.0236
11/24/2015 13:56	0	0.0235
11/24/2015 13:55	0.0019	0.0235
11/24/2015 13:54	0.0021	0.0234
11/24/2015 13:53	0.0043	0.0233
11/24/2015 13:52	0.005	0.0233
11/24/2015 13:51	0.0056	0.0233
11/24/2015 13:50	0.0062	0.0232

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 13:49	0.0069	0.0231
11/24/2015 13:48	0.0077	0.0229
11/24/2015 13:47	0.0085	0.0228
11/24/2015 13:46	0.0093	0.0227
11/24/2015 13:45	0.0101	0.0227
11/24/2015 13:44	0.0111	0.0226
11/24/2015 13:43	0.0121	0.0226
11/24/2015 13:42	0.0131	0.0225
11/24/2015 13:41	0.0143	0.0225
11/24/2015 13:40	0.0135	0.0223
11/24/2015 13:39	0.0145	0.0224
11/24/2015 13:38	0.0135	0.0224
11/24/2015 13:37	0.0141	0.0223
11/24/2015 13:36	0.0148	0.0224
11/24/2015 13:35	0.0154	0.0224
11/24/2015 13:34	0.0161	0.0225
11/24/2015 13:33	0.0167	0.0225
11/24/2015 13:32	0.0175	0.0227
11/24/2015 13:31	0.0185	0.0228
11/24/2015 13:30	0.0199	0.0229
11/24/2015 13:29	0.0209	0.023
11/24/2015 13:28	0.0231	0.0231
11/24/2015 13:27	0.0241	0.0233
11/24/2015 13:26	0.0251	0.0233
11/24/2015 13:25	0.026	0.0235
11/24/2015 13:24	0.027	0.0235
11/24/2015 13:23	0.0281	0.0236
11/24/2015 13:22	0.0292	0.0237
11/24/2015 13:21	0.0304	0.0237
11/24/2015 13:20	0.0318	0.024
11/24/2015 13:19	0.033	0.0241
11/24/2015 13:18	0.0345	0.0243
11/24/2015 13:17	0.0357	0.0249
11/24/2015 13:16	0.0367	0.0249
11/24/2015 13:15	0.0373	0.0249
11/24/2015 13:14	0.0381	0.025
11/24/2015 13:13	0.0381	0.0249
11/24/2015 13:12	0.0391	0.0249
11/24/2015 13:11	0.04	0.0249
11/24/2015 13:10	0.0409	0.0249
11/24/2015 13:09	0.042	0.0249
11/24/2015 13:08	0.0429	0.025
11/24/2015 13:07	0.0436	0.025
11/24/2015 13:06	0.0443	0.025

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 13:05	0.045	0.0248
11/24/2015 13:04	0.0457	0.0247
11/24/2015 13:03	0.0461	0.0248
11/24/2015 13:02	0.0465	0.0242
11/24/2015 13:01	0.0469	0.0243
11/24/2015 13:00	0.0473	0.0243
11/24/2015 12:59	0.0477	0.0244
11/24/2015 12:58	0.0481	0.0245
11/24/2015 12:57	0.0486	0.0247
11/24/2015 12:56	0.0491	0.0247
11/24/2015 12:55	0.0495	0.0249
11/24/2015 12:54	0.0498	0.0249
11/24/2015 12:53	0.0502	0.025
11/24/2015 12:52	0.0508	0.0251
11/24/2015 12:51	0.0513	0.0252
11/24/2015 12:50	0.0517	0.0253
11/24/2015 12:49	0.0521	0.0255
11/24/2015 12:48	0.0526	0.0255
11/24/2015 12:47	0.0531	0.0255
11/24/2015 12:46	0.0537	0.0259
11/24/2015 12:45	0.0539	0.0259
11/24/2015 12:44	0.0543	0.0259
11/24/2015 12:43	0.0545	0.026
11/24/2015 12:42	0.0547	0.026
11/24/2015 12:41	0.0549	0.0261
11/24/2015 12:40	0.0554	0.0263
11/24/2015 12:39	0.0556	0.0263
11/24/2015 12:38	0.0558	0.0264
11/24/2015 12:37	0.0559	0.0265
11/24/2015 12:36	0.0563	0.0266
11/24/2015 12:35	0.0561	0.0266
11/24/2015 12:34	0.0563	0.0267
11/24/2015 12:33	0.0562	0.0267
11/24/2015 12:32	0.0565	0.0267
11/24/2015 12:31	0.0565	0.0264
11/24/2015 12:30	0.0569	0.0265
11/24/2015 12:29	0.0571	0.0265
11/24/2015 12:28	0.0572	0.0265
11/24/2015 12:27	0.0571	0.0265
11/24/2015 12:26	0.0571	0.0265
11/24/2015 12:25	0.0569	0.0263
11/24/2015 12:24	0.0567	0.0263
11/24/2015 12:23	0.0565	0.0261
11/24/2015 12:22	0.0562	0.0261

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 12:21	0.0558	0.026
11/24/2015 12:20	0.0557	0.026
11/24/2015 12:19	0.0551	0.0259
11/24/2015 12:18	0.0545	0.0259
11/24/2015 12:17	0.0539	0.0259
11/24/2015 12:16	0.0533	0.0259
11/24/2015 12:15	0.0522	0.0259
11/24/2015 12:14	0.0513	0.0259
11/24/2015 12:13	0.0505	0.026
11/24/2015 12:12	0.0495	0.026
11/24/2015 12:11	0.0485	0.026
11/24/2015 12:10	0.0475	0.026
11/24/2015 12:09	0.0461	0.026
11/24/2015 12:08	0.0447	0.0261
11/24/2015 12:07	0.0437	0.0261
11/24/2015 12:06	0.0421	0.0262
11/24/2015 12:05	0.0405	0.0263
11/24/2015 12:04	0.0391	0.0263
11/24/2015 12:03	0.0376	0.0263
11/24/2015 12:02	0.0359	0.0264
11/24/2015 12:01	0.0342	0.0265
11/24/2015 12:00	0.0325	0.0266
11/24/2015 11:59	0.0308	0.0267
11/24/2015 11:58	0.0286	0.0267
11/24/2015 11:57	0.0267	0.0268
11/24/2015 11:56	0.0245	0.0269
11/24/2015 11:55	0.0222	0.0269
11/24/2015 11:54	0.0201	0.027
11/24/2015 11:53	0.0178	0.0271
11/24/2015 11:52	0.0153	0.0271
11/24/2015 11:51	0.0133	0.0271
11/24/2015 11:50	0.0113	0.0273
11/24/2015 11:49	0.0095	0.0275
11/24/2015 11:48	0.0079	0.0277
11/24/2015 11:47	0.0063	0.0277
11/24/2015 11:46	0.0048	0.0277
11/24/2015 11:45	0.0036	0.0278
11/24/2015 11:44	0.0024	0.0278
11/24/2015 11:43	0.0017	0.0279
11/24/2015 11:42	0.0009	0.0279
11/24/2015 11:41	0.0003	0.028
11/24/2015 11:40	0	0.0281
11/24/2015 11:39	0	0.0283
11/24/2015 11:38	0	0.0283

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/24/2015 11:37	0	0.0285
11/24/2015 11:36	0	0.0286
11/24/2015 11:35	0	0.0286
11/24/2015 11:34	0	0.0284
11/24/2015 11:33	0	0.0285
11/24/2015 11:32	0	0.0286
11/24/2015 11:31	0	0.0287
11/24/2015 11:30	0	0.0287
11/24/2015 11:29	0	0.0289
11/24/2015 11:28	0	0.0291
11/24/2015 11:27	0	0.0293
11/24/2015 11:26	0	0.0295
11/24/2015 11:25	0	0.0296
11/24/2015 11:24	0	0.0298
11/24/2015 11:23	0	0.03
11/24/2015 11:22	0	0.0303
11/24/2015 11:21	0	0.0306
11/24/2015 11:20	0	0.0309
11/24/2015 11:19	0	0.0313
11/24/2015 11:18	0	0.0316
11/24/2015 11:17	0	0.0321
11/24/2015 11:16	0	0.0325
11/24/2015 11:15	0	0.0329
11/24/2015 11:14	0	0.0333
11/24/2015 11:13	0	0.0336
11/24/2015 11:12	0	0.0339
11/24/2015 11:11	0	0.0341
11/24/2015 11:10	0	0.0344
11/24/2015 11:09	0	0.0346
11/24/2015 11:08	0	0.0348
11/24/2015 11:07	0	0.035
11/24/2015 11:06	0	0.0351
11/24/2015 11:05	0	0.0354
11/24/2015 11:04	0	0.0356
11/24/2015 11:03	0	0.0357
11/24/2015 11:02	0	0.0356
11/24/2015 11:01	0	0.0355
11/24/2015 11:00	0	0.036
11/24/2015 10:59	0	0.036
11/24/2015 10:58	0	0.036
11/23/2015 17:07	0	
11/23/2015 17:06		
11/23/2015 16:36	0	
11/23/2015 16:35	0	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 16:34		
11/23/2015 16:33	0	
11/23/2015 16:32	0	
11/23/2015 16:31	0	
11/23/2015 16:30	0	
11/23/2015 16:29	0	
11/23/2015 16:28	0	
11/23/2015 16:27		
11/23/2015 16:26	0	
11/23/2015 16:25	0	
11/23/2015 16:24	0	
11/23/2015 16:23	0	
11/23/2015 16:22	0	
11/23/2015 16:21		
11/23/2015 16:20	0	
11/23/2015 16:19	0	
11/23/2015 16:18	0	
11/23/2015 16:17	0	
11/23/2015 16:16	0	
11/23/2015 16:15	0	
11/23/2015 16:14		
11/23/2015 16:13	0	
11/23/2015 16:12	0	
11/23/2015 16:11	0	
11/23/2015 16:10	0	
11/23/2015 16:09	0	
11/23/2015 16:08	0	
11/23/2015 16:07		
11/23/2015 16:06	0	
11/23/2015 16:05	0	
11/23/2015 16:04	0	
11/23/2015 16:03	0	
11/23/2015 16:02	0	
11/23/2015 16:01		
11/23/2015 16:00	0	
11/23/2015 15:59	0	
11/23/2015 15:58	0	
11/23/2015 15:57	0	
11/23/2015 15:56	0	
11/23/2015 15:55	0	
11/23/2015 15:54		
11/23/2015 15:53	0	
11/23/2015 15:52	0	
11/23/2015 15:51	0	

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 15:50	0	
11/23/2015 15:49	0	
11/23/2015 15:48	0	
11/23/2015 15:47		
11/23/2015 15:46	0	
11/23/2015 15:45	0	
11/23/2015 15:44	0	
11/23/2015 15:43	0	
11/23/2015 15:42	0	
11/23/2015 15:41	0	0.0018
11/23/2015 15:40	0	
11/23/2015 15:39	0	
11/23/2015 15:38	0	0.002
11/23/2015 15:37	0	0.002
11/23/2015 15:36	0	0.002
11/23/2015 15:35	0	0.002
11/23/2015 15:34	0	0.002
11/23/2015 15:33	0	0.002
11/23/2015 15:32	0	0.002
11/23/2015 15:31	0	0.002
11/23/2015 15:30	0	0.002
11/23/2015 15:29	0	0.002
11/23/2015 15:28	0	0.002
11/23/2015 15:27	0	0.002
11/23/2015 15:26	0	0.002
11/23/2015 15:25	0	0.002
11/23/2015 15:24	0	0.002
11/23/2015 15:23	0	0.002
11/23/2015 15:22	0	0.002
11/23/2015 15:21	0	0.002
11/23/2015 15:20	0	0.002
11/23/2015 15:19	0	0.002
11/23/2015 15:18	0	0.002
11/23/2015 15:17	0	0.002
11/23/2015 15:16	0	0.002
11/23/2015 15:15	0	0.002
11/23/2015 15:14	0	0.002
11/23/2015 15:13	0	0.002
11/23/2015 15:12	0	0.002
11/23/2015 15:11	0	0.002
11/23/2015 15:10	0	0.002
11/23/2015 15:09	0	0.002
11/23/2015 15:08	0	0.002
11/23/2015 15:07	0	0.002

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 15:06	0	0.002
11/23/2015 15:05	0	0.002
11/23/2015 15:04	0	0.002
11/23/2015 15:03	0	0.002
11/23/2015 15:02	0	0.002
11/23/2015 15:01	0	0.002
11/23/2015 15:00	0	0.002
11/23/2015 14:59	0	0.002
11/23/2015 14:58	0	0.002
11/23/2015 14:57	0	0.002
11/23/2015 14:56	0	0.002
11/23/2015 14:55	0	0.002
11/23/2015 14:54	0	0.002
11/23/2015 14:53	0	0.002
11/23/2015 14:52	0	0.002
11/23/2015 14:51	0	0.002
11/23/2015 14:50	0	0.002
11/23/2015 14:49	0	0.002
11/23/2015 14:48	0	0.002
11/23/2015 14:47	0	0.002
11/23/2015 14:46	0	0.002
11/23/2015 14:45	0	0.002
11/23/2015 14:44	0	0.002
11/23/2015 14:43	0	0.002
11/23/2015 14:42	0	0.002
11/23/2015 14:41	0	0.002
11/23/2015 14:40	0.0002	0.002
11/23/2015 14:39	0.0005	0.002
11/23/2015 14:38	0.0009	0.002
11/23/2015 14:37	0.0013	0.002
11/23/2015 14:36	0.0016	0.002
11/23/2015 14:35	0.002	0.002
11/23/2015 14:34	0.0024	0.002
11/23/2015 14:33	0.0029	0.002
11/23/2015 14:32	0.0033	0.002
11/23/2015 14:31	0.0039	0.002
11/23/2015 14:30	0.0042	0.002
11/23/2015 14:29	0.0045	0.002
11/23/2015 14:28		
11/23/2015 14:27	0.0055	0.002
11/23/2015 14:26	0.0063	0.002
11/23/2015 14:25	0.0069	0.002
11/23/2015 14:24	0.0074	0.002
11/23/2015 14:23	0.0079	0.002

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 14:22	0.0085	0.002
11/23/2015 14:21	0.0091	0.002
11/23/2015 14:20	0.0096	0.002
11/23/2015 14:19	0.0101	0.002
11/23/2015 14:18	0.0106	0.002
11/23/2015 14:17	0.0108	0.002
11/23/2015 14:16	0.011	0.002
11/23/2015 14:15	0.0116	0.002
11/23/2015 14:14	0.0123	0.002
11/23/2015 14:13	0.0129	0.002
11/23/2015 14:12	0.013	0.002
11/23/2015 14:11	0.0132	0.002
11/23/2015 14:10	0.0135	0.002
11/23/2015 14:09	0.0137	0.002
11/23/2015 14:08	0.0139	0.002
11/23/2015 14:07	0.0139	0.002
11/23/2015 14:06	0.0139	0.002
11/23/2015 14:05	0.0141	0.002
11/23/2015 14:04	0.0144	0.002
11/23/2015 14:03	0.0144	0.002
11/23/2015 14:02	0.0147	0.002
11/23/2015 14:01	0.0149	0.002
11/23/2015 14:00	0.0151	0.002
11/23/2015 13:59	0.0153	0.002
11/23/2015 13:58	0.0155	0.002
11/23/2015 13:57	0.0155	0.002
11/23/2015 13:56	0.0156	0.002
11/23/2015 13:55	0.0158	0.002
11/23/2015 13:54	0.016	0.002
11/23/2015 13:53	0.0165	0.002
11/23/2015 13:52	0.0171	0.002
11/23/2015 13:51	0.0178	0.002
11/23/2015 13:50	0.0183	0.002
11/23/2015 13:49	0.0187	0.002
11/23/2015 13:48	0.0195	0.002
11/23/2015 13:47	0.0205	0.002
11/23/2015 13:46	0.0213	0.002
11/23/2015 13:45	0.022	0.002
11/23/2015 13:44	0.0227	0.002
11/23/2015 13:43	0.0234	0.002
11/23/2015 13:42	0.0242	0.002
11/23/2015 13:41	0.0249	0.002
11/23/2015 13:40	0.0257	0.002
11/23/2015 13:39	0.0266	0.002

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 13:38	0.0271	0.002
11/23/2015 13:37	0.0277	0.002
11/23/2015 13:36	0.0282	0.002
11/23/2015 13:35	0.0288	0.002
11/23/2015 13:34	0.0294	0.002
11/23/2015 13:33	0.03	0.002
11/23/2015 13:32	0.0309	0.002
11/23/2015 13:31	0.0318	0.002
11/23/2015 13:30	0.0327	0.002
11/23/2015 13:29	0.0339	0.002
11/23/2015 13:28	0.0353	0.002
11/23/2015 13:27	0.0369	0.002
11/23/2015 13:26	0.0386	0.002
11/23/2015 13:25	0.0402	0.002
11/23/2015 13:24	0.0417	0.002
11/23/2015 13:23	0.0435	0.002
11/23/2015 13:22	0.0455	0.002
11/23/2015 13:21	0.0474	0.002
11/23/2015 13:20	0.049	0.002
11/23/2015 13:19	0.0509	0.002
11/23/2015 13:18	0.0527	0.002
11/23/2015 13:17	0.0541	0.0019
11/23/2015 13:16	0.0555	0.0018
11/23/2015 13:15	0.0567	0.0019
11/23/2015 13:14	0.0576	0.0018
11/23/2015 13:13	0.0582	0.0017
11/23/2015 13:12	0.0587	0.0015
11/23/2015 13:11	0.0597	0.0015
11/23/2015 13:10	0.0604	0.0015
11/23/2015 13:09	0.061	0.0014
11/23/2015 13:08	0.0617	0.0013
11/23/2015 13:07	0.062	0.0013
11/23/2015 13:06	0.0627	0.002
11/23/2015 13:05	0.0639	0.002
11/23/2015 13:04	0.0648	0.0019
11/23/2015 13:03	0.0655	0.0018
11/23/2015 13:02	0.0663	0.0018
11/23/2015 13:01	0.0672	0.0019
11/23/2015 13:00	0.0681	0.0016
11/23/2015 12:59	0.0693	0.0017
11/23/2015 12:58	0.0707	0.0018
11/23/2015 12:57	0.0721	0.0019
11/23/2015 12:56	0.0729	0.0023
11/23/2015 12:55	0.0739	0.0022

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 12:54	0.0753	0.0023
11/23/2015 12:53	0.0763	0.0023
11/23/2015 12:52	0.078	0.0022
11/23/2015 12:51	0.0789	0.0014
11/23/2015 12:50	0.0797	0.0013
11/23/2015 12:49	0.0803	0.0013
11/23/2015 12:48	0.0814	0.0015
11/23/2015 12:47	0.0823	0.0016
11/23/2015 12:46	0.083	0.0015
11/23/2015 12:45	0.0839	0.0015
11/23/2015 12:44	0.0849	0.0015
11/23/2015 12:43	0.0863	0.0015
11/23/2015 12:42	0.0871	0.0015
11/23/2015 12:41	0.0879	0.001
11/23/2015 12:40	0.0885	0.0011
11/23/2015 12:39	0.089	0.0011
11/23/2015 12:38	0.0894	0.0013
11/23/2015 12:37	0.0891	0.0013
11/23/2015 12:36	0.0891	0.0013
11/23/2015 12:35	0.0892	0.0015
11/23/2015 12:34	0.0895	0.0015
11/23/2015 12:33	0.0896	0.0013
11/23/2015 12:32	0.0899	0.0015
11/23/2015 12:31	0.0903	0.0015
11/23/2015 12:30	0.0907	0.0015
11/23/2015 12:29	0.0911	0.0017
11/23/2015 12:28	0.0906	0.0017
11/23/2015 12:27	0.0905	0.0017
11/23/2015 12:26	0.0905	0.0017
11/23/2015 12:25	0.0907	0.0017
11/23/2015 12:24	0.0909	0.0017
11/23/2015 12:23	0.0914	0.0015
11/23/2015 12:22	0.0923	0.0014
11/23/2015 12:21	0.0934	0.0013
11/23/2015 12:20	0.0941	0.0013
11/23/2015 12:19	0.0949	0.0013
11/23/2015 12:18	0.0953	0.0013
11/23/2015 12:17	0.0955	0.0011
11/23/2015 12:16	0.0957	0.0012
11/23/2015 12:15	0.0959	0.0013
11/23/2015 12:14	0.0958	0.0011
11/23/2015 12:13	0.0957	0.0011
11/23/2015 12:12	0.0963	0.0011
11/23/2015 12:11	0.0967	0.0011

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 12:10	0.0969	0.0011
11/23/2015 12:09	0.0969	0.0011
11/23/2015 12:08	0.097	0.0011
11/23/2015 12:07	0.0965	0.0012
11/23/2015 12:06	0.0959	0.0017
11/23/2015 12:05	0.0953	0.0017
11/23/2015 12:04	0.0947	0.0017
11/23/2015 12:03	0.0946	0.0017
11/23/2015 12:02	0.0944	0.0017
11/23/2015 12:01	0.0941	0.0016
11/23/2015 12:00	0.0939	0.0016
11/23/2015 11:59	0.0937	0.0016
11/23/2015 11:58	0.0935	0.0015
11/23/2015 11:57	0.0929	0.0016
11/23/2015 11:56	0.0924	0.0017
11/23/2015 11:55	0.0919	0.0017
11/23/2015 11:54	0.092	0.0017
11/23/2015 11:53	0.0916	0.0018
11/23/2015 11:52	0.0917	0.0019
11/23/2015 11:51	0.0916	0.0015
11/23/2015 11:50	0.0918	0.0018
11/23/2015 11:49	0.0921	0.0019
11/23/2015 11:48	0.0922	0.0019
11/23/2015 11:47	0.0931	0.002
11/23/2015 11:46	0.0937	0.0021
11/23/2015 11:45	0.0943	0.0021
11/23/2015 11:44	0.0945	0.0021
11/23/2015 11:43	0.0951	0.0023
11/23/2015 11:42	0.0959	0.0023
11/23/2015 11:41	0.0965	0.0023
11/23/2015 11:40	0.0971	0.0023
11/23/2015 11:39	0.0976	0.0024
11/23/2015 11:38	0.0982	0.0025
11/23/2015 11:37	0.0987	0.0025
11/23/2015 11:36	0.0995	0.0025
11/23/2015 11:35	0.1002	0.0023
11/23/2015 11:34	0.1006	0.0025
11/23/2015 11:33	0.1011	0.0025
11/23/2015 11:32	0.1011	0.0025
11/23/2015 11:31	0.1016	0.0025
11/23/2015 11:30	0.1021	0.0025
11/23/2015 11:29	0.1027	0.0025
11/23/2015 11:28	0.1032	0.0025
11/23/2015 11:27	0.1037	0.0024

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 11:26	0.1047	0.0023
11/23/2015 11:25	0.1059	0.0023
11/23/2015 11:24	0.1069	0.0023
11/23/2015 11:23	0.1081	0.0022
11/23/2015 11:22	0.109	0.0022
11/23/2015 11:21	0.1101	0.0022
11/23/2015 11:20	0.1111	0.0021
11/23/2015 11:19	0.1122	0.0018
11/23/2015 11:18	0.1136	0.0017
11/23/2015 11:17	0.1147	0.0017
11/23/2015 11:16	0.1158	0.0016
11/23/2015 11:15	0.1172	0.0015
11/23/2015 11:14	0.1188	0.0015
11/23/2015 11:13	0.1203	0.0014
11/23/2015 11:12	0.1221	0.0013
11/23/2015 11:11	0.1236	0.0013
11/23/2015 11:10	0.1247	0.0013
11/23/2015 11:09	0.1259	0.0012
11/23/2015 11:08	0.1275	0.0012
11/23/2015 11:07	0.1292	0.0011
11/23/2015 11:06	0.1308	0.0015
11/23/2015 11:05	0.1324	0.0015
11/23/2015 11:04	0.1342	0.0014
11/23/2015 11:03	0.1355	0.0014
11/23/2015 11:02	0.1373	0.0014
11/23/2015 11:01	0.1389	0.0015
11/23/2015 11:00	0.1403	0.0015
11/23/2015 10:59	0.1415	0.0015
11/23/2015 10:58	0.1428	0.0015
11/23/2015 10:57	0.1436	0.0015
11/23/2015 10:56	0.1446	0.0015
11/23/2015 10:55	0.1453	0.0017
11/23/2015 10:54	0.1461	0.0017
11/23/2015 10:53	0.1467	0.0017
11/23/2015 10:52	0.1474	0.0017
11/23/2015 10:51	0.1479	0.0014
11/23/2015 10:50	0.1485	0.0014
11/23/2015 10:49	0.1497	0.0015
11/23/2015 10:48	0.1507	0.0015
11/23/2015 10:47	0.1512	0.0015
11/23/2015 10:46	0.1518	0.0015
11/23/2015 10:45	0.1526	0.0015
11/23/2015 10:44	0.1533	0.0016
11/23/2015 10:43	0.1542	0.0017

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 10:42	0.1553	0.0018
11/23/2015 10:41	0.1565	0.0019
11/23/2015 10:40	0.1581	0.0018
11/23/2015 10:39	0.1593	0.0019
11/23/2015 10:38	0.1605	0.0019
11/23/2015 10:37	0.1615	0.0021
11/23/2015 10:36	0.1625	0.0021
11/23/2015 10:35	0.1635	0.0021
11/23/2015 10:34	0.1635	0.0021
11/23/2015 10:33	0.1639	0.0022
11/23/2015 10:32	0.1644	0.0022
11/23/2015 10:31	0.165	0.0023
11/23/2015 10:30	0.1655	0.0023
11/23/2015 10:29	0.1662	0.0025
11/23/2015 10:28	0.1667	0.0026
11/23/2015 10:27	0.167	0.0026
11/23/2015 10:26	0.167	0.0026
11/23/2015 10:25	0.1663	0.0026
11/23/2015 10:24	0.1659	0.0025
11/23/2015 10:23	0.1655	0.0025
11/23/2015 10:22	0.1647	0.0025
11/23/2015 10:21	0.1643	0.0027
11/23/2015 10:20	0.1633	0.0028
11/23/2015 10:16	0.1626	0.0028
11/23/2015 10:15	0.1616	0.0029
11/23/2015 10:14	0.1617	0.0029
11/23/2015 10:13	0.1608	0.003
11/23/2015 10:12	0.1603	0.0031
11/23/2015 10:11	0.1597	0.0033
11/23/2015 10:10	0.1596	0.0035
11/23/2015 10:09	0.1593	0.0035
11/23/2015 10:08	0.1589	0.0037
11/23/2015 10:07	0.1585	0.0037
11/23/2015 10:06	0.1579	0.0038
11/23/2015 10:05	0.1578	0.0039
11/23/2015 10:04	0.1571	0.0041
11/23/2015 10:03	0.1562	0.0047
11/23/2015 10:02	0.1554	0.0047
11/23/2015 10:01	0.1551	0.0049
11/23/2015 10:00	0.1551	0.0049
11/23/2015 9:59	0.1539	0.0051
11/23/2015 9:58	0.1536	0.0053
11/23/2015 9:57	0.153	0.0055
11/23/2015 9:56	0.1525	0.0055

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 9:55	0.1519	0.0056
11/23/2015 9:54	0.1513	0.0057
11/23/2015 9:53	0.1506	0.0059
11/23/2015 9:52	0.1502	0.006
11/23/2015 9:51	0.1496	0.006
11/23/2015 9:50	0.1491	0.0061
11/23/2015 9:49	0.1487	0.0061
11/23/2015 9:48	0.1481	0.0058
11/23/2015 9:47	0.1475	0.006
11/23/2015 9:46	0.1466	0.0061
11/23/2015 9:45	0.1456	0.0062
11/23/2015 9:44	0.1445	0.0062
11/23/2015 9:43	0.1435	0.0062
11/23/2015 9:42	0.1421	0.0063
11/23/2015 9:41	0.1409	0.0063
11/23/2015 9:40	0.1395	0.0065
11/23/2015 9:39	0.1381	0.0066
11/23/2015 9:38	0.1367	0.0066
11/23/2015 9:37	0.1351	0.0067
11/23/2015 9:36	0.1339	0.0069
11/23/2015 9:35	0.1325	0.0069
11/23/2015 9:34	0.1309	0.007
11/23/2015 9:33	0.1295	0.0071
11/23/2015 9:32	0.1281	0.0072
11/23/2015 9:31	0.1266	0.0073
11/23/2015 9:30	0.1252	0.0073
11/23/2015 9:29	0.1238	0.0075
11/23/2015 9:28	0.1224	0.0076
11/23/2015 9:27	0.1211	0.0076
11/23/2015 9:26	0.1197	0.0077
11/23/2015 9:25	0.1185	0.0077
11/23/2015 9:24	0.1172	0.0078
11/23/2015 9:23	0.1157	0.0079
11/23/2015 9:22	0.1147	0.008
11/23/2015 9:21	0.1132	0.0081
11/23/2015 9:20	0.1119	0.0081
11/23/2015 9:19	0.1107	0.0081
11/23/2015 9:18	0.1095	0.0082
11/23/2015 9:17	0.108	0.0082
11/23/2015 9:16	0.1065	0.0082
11/23/2015 9:15	0.1051	0.0083
11/23/2015 9:14	0.1036	0.0083
11/23/2015 9:13	0.102	0.0085
11/23/2015 9:12	0.1003	0.0084

Timestamp (GMT-5)	VOC (Avg15) (ppm)	Mass Conc. Total (Avg15) (mg/m ³)
11/23/2015 9:11	0.0987	0.0085
11/23/2015 9:10	0.097	0.0091
11/23/2015 9:09	0.0953	0.0091
11/23/2015 9:08	0.0937	0.0091
11/23/2015 9:07	0.0917	0.0092
11/23/2015 9:06	0.0895	0.0093
11/23/2015 9:05	0.0873	0.0095
11/23/2015 9:04	0.0851	0.0097
11/23/2015 9:03	0.0829	0.0098
11/23/2015 9:02	0.0807	0.0098
11/23/2015 9:01	0.0786	0.0099
11/23/2015 9:00	0.0763	0.0099
11/23/2015 8:59	0.074	0.01
11/23/2015 8:58	0.0716	0.0099
11/23/2015 8:57	0.0691	0.0101
11/23/2015 8:56	0.0663	0.0104
11/23/2015 8:55	0.0631	0.0101
11/23/2015 8:54	0.0597	0.0102
11/23/2015 8:53	0.0562	0.0103
11/23/2015 8:52	0.0525	0.0105
11/23/2015 8:51	0.0487	0.0106
11/23/2015 8:50	0.0451	0.0109
11/23/2015 8:49	0.0434	0.0109
11/23/2015 8:48	0.0415	0.011
11/23/2015 8:47	0.0396	0.0112
11/23/2015 8:46	0.0375	0.0114
11/23/2015 8:45	0.0354	0.0115
11/23/2015 8:44	0.0331	0.0117
11/23/2015 8:43	0.0306	0.0119
11/23/2015 8:42	0.028	0.012
11/23/2015 8:41	0.0253	0.0118
11/23/2015 8:40	0.0226	0.0118
11/23/2015 8:39	0.0205	0.012
11/23/2015 8:38	0.0183	0.0123
11/23/2015 8:37	0.0175	0.013
11/23/2015 8:36	0.018	0.014

APPENDIX C

Post-Removal Soil Sample Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L1531069
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	IRM SAMPLING
Project Number:	34201-313
Report Date:	12/02/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1531069-01	SB-IRM4-101-SURF	SOIL	NEW YORK	11/24/15 08:50	11/24/15
L1531069-02	SB-IRM4-101-SUBS	SOIL	NEW YORK	11/24/15 09:05	11/24/15
L1531069-03	SB-IRM4-102-SURF	SOIL	NEW YORK	11/24/15 09:10	11/24/15
L1531069-04	3179-112415-0001	SOIL	NEW YORK	11/24/15 00:00	11/24/15
L1531069-05	SB-IRM4-102-SUBS	SOIL	NEW YORK	11/24/15 09:20	11/24/15

Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

Case Narrative (continued)

Report Submission

This report replaces the report issued December 1, 2015. The project number was changed.

The analysis of Zirconium was subcontracted, and the results will be issued under separate cover.

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

Semivolatile Organics

The WG844678-2 LCS recovery, associated with L1531069-01 through -04, is below the acceptance criteria for 2,4-dinitrophenol (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

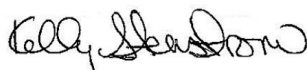
Metals

The WG844261-4 MS recoveries, performed on L1531069-01, are outside the acceptance criteria for cadmium (74%), chromium (59%), copper (69%), lead (64%), magnesium (64%), nickel (62%), and zinc (49%). A post digestion spike was performed and yielded unacceptable recoveries for cadmium (79%), chromium (68%), copper (76%), lead (74%), magnesium (63%), nickel (70%), and zinc (70). This has been attributed to sample matrix.

The WG844261-4 MS recovery for manganese (0%), performed on L1531069-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 12/02/15

ORGANICS

VOLATILES

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-01
 Client ID: SB-IRM4-101-SURF
 Sample Location: NEW YORK
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/29/15 18:44
 Analyst: BN
 Percent Solids: 84%

Date Collected: 11/24/15 08:50
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-01
 Client ID: SB-IRM4-101-SURF
 Sample Location: NEW YORK

Date Collected: 11/24/15 08:50
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	3.0	J	ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.45	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.31	1
Methyl cyclohexane	ND		ug/kg	4.5	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	123		70-130

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02
 Client ID: SB-IRM4-101-SUBS
 Sample Location: NEW YORK
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/29/15 16:01
 Analyst: BN
 Percent Solids: 85%

Date Collected: 11/24/15 09:05
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.7	0.96	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.07	1
Chloroform	ND		ug/kg	1.3	0.32	1
Carbon tetrachloride	ND		ug/kg	0.87	0.18	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.20	1
Dibromochloromethane	ND		ug/kg	0.87	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	ND		ug/kg	0.87	0.12	1
Chlorobenzene	ND		ug/kg	0.87	0.30	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.87	0.10	1
Bromodichloromethane	ND		ug/kg	0.87	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.87	0.10	1
Bromoform	ND		ug/kg	3.5	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.87	0.09	1
Benzene	ND		ug/kg	0.87	0.10	1
Toluene	ND		ug/kg	1.3	0.17	1
Ethylbenzene	ND		ug/kg	0.87	0.11	1
Chloromethane	ND		ug/kg	4.3	0.25	1
Bromomethane	ND		ug/kg	1.7	0.29	1
Vinyl chloride	ND		ug/kg	1.7	0.10	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Trichloroethene	ND		ug/kg	0.87	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.3	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	4.3	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.3	0.12	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02
 Client ID: SB-IRM4-101-SUBS
 Sample Location: NEW YORK

Date Collected: 11/24/15 09:05
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.07	1
p/m-Xylene	ND		ug/kg	1.7	0.17	1
o-Xylene	ND		ug/kg	1.7	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.12	1
Styrene	ND		ug/kg	1.7	0.35	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.16	1
Acetone	10		ug/kg	8.7	0.90	1
Carbon disulfide	ND		ug/kg	8.7	0.95	1
2-Butanone	ND		ug/kg	8.7	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	0.21	1
2-Hexanone	ND		ug/kg	8.7	0.58	1
Bromochloromethane	ND		ug/kg	4.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	3.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	0.34	1
Isopropylbenzene	ND		ug/kg	0.87	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.3	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.3	0.16	1
Methyl Acetate	ND		ug/kg	17	0.23	1
Cyclohexane	ND		ug/kg	17	0.13	1
1,4-Dioxane	ND		ug/kg	87	12.	1
Freon-113	ND		ug/kg	17	0.24	1
Methyl cyclohexane	ND		ug/kg	3.5	0.13	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-03
Client ID: SB-IRM4-102-SURF
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/29/15 16:28
Analyst: BN
Percent Solids: 85%

Date Collected: 11/24/15 09:10
Date Received: 11/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.98	0.14	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.11	1
Bromodichloromethane	ND		ug/kg	0.98	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.12	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.10	1
Benzene	ND		ug/kg	0.98	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.98	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-03
 Client ID: SB-IRM4-102-SURF
 Sample Location: NEW YORK

Date Collected: 11/24/15 09:10
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.19	1
o-Xylene	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.14	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.19	1
Acetone	21		ug/kg	9.8	1.0	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
2-Hexanone	ND		ug/kg	9.8	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Isopropylbenzene	ND		ug/kg	0.98	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl Acetate	ND		ug/kg	20	0.26	1
Cyclohexane	ND		ug/kg	20	0.14	1
1,4-Dioxane	ND		ug/kg	98	14.	1
Freon-113	ND		ug/kg	20	0.27	1
Methyl cyclohexane	ND		ug/kg	3.9	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-04
Client ID: 3179-112415-0001
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/29/15 16:55
Analyst: BN
Percent Solids: 85%

Date Collected: 11/24/15 00:00
Date Received: 11/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.0	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.33	1
Carbon tetrachloride	ND		ug/kg	0.90	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.20	1
Dibromochloromethane	ND		ug/kg	0.90	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.27	1
Tetrachloroethene	ND		ug/kg	0.90	0.13	1
Chlorobenzene	ND		ug/kg	0.90	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.90	0.10	1
Bromodichloromethane	ND		ug/kg	0.90	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.90	0.11	1
Bromoform	ND		ug/kg	3.6	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.90	0.09	1
Benzene	ND		ug/kg	0.90	0.11	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.90	0.11	1
Chloromethane	ND		ug/kg	4.5	0.26	1
Bromomethane	ND		ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.10	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
Trichloroethene	ND		ug/kg	0.90	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.12	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-04
 Client ID: 3179-112415-0001
 Sample Location: NEW YORK

Date Collected: 11/24/15 00:00
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	ND		ug/kg	1.8	0.18	1
o-Xylene	ND		ug/kg	1.8	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.13	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.17	1
Acetone	4.2	J	ug/kg	9.0	0.93	1
Carbon disulfide	ND		ug/kg	9.0	0.99	1
2-Butanone	ND		ug/kg	9.0	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	0.22	1
2-Hexanone	ND		ug/kg	9.0	0.60	1
Bromochloromethane	ND		ug/kg	4.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	0.36	1
Isopropylbenzene	ND		ug/kg	0.90	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.16	1
Methyl Acetate	ND		ug/kg	18	0.24	1
Cyclohexane	ND		ug/kg	18	0.13	1
1,4-Dioxane	ND		ug/kg	90	13.	1
Freon-113	ND		ug/kg	18	0.25	1
Methyl cyclohexane	ND		ug/kg	3.6	0.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	112		70-130

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-05
Client ID: SB-IRM4-102-SUBS
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/29/15 17:22
Analyst: BN
Percent Solids: 85%

Date Collected: 11/24/15 09:20
Date Received: 11/24/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	0.81	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.06	1
Chloroform	ND		ug/kg	1.1	0.27	1
Carbon tetrachloride	ND		ug/kg	0.74	0.15	1
1,2-Dichloropropane	ND		ug/kg	2.6	0.17	1
Dibromochloromethane	ND		ug/kg	0.74	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.22	1
Tetrachloroethene	ND		ug/kg	0.74	0.10	1
Chlorobenzene	ND		ug/kg	0.74	0.26	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.28	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.08	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.08	1
Bromodichloromethane	ND		ug/kg	0.74	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.09	1
Bromoform	ND		ug/kg	2.9	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.07	1
Benzene	ND		ug/kg	0.74	0.09	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.74	0.09	1
Chloromethane	ND		ug/kg	3.7	0.22	1
Bromomethane	ND		ug/kg	1.5	0.25	1
Vinyl chloride	ND		ug/kg	1.5	0.09	1
Chloroethane	ND		ug/kg	1.5	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Trichloroethene	ND		ug/kg	0.74	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.10	1

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-05
 Client ID: SB-IRM4-102-SUBS
 Sample Location: NEW YORK

Date Collected: 11/24/15 09:20
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.06	1
p/m-Xylene	ND		ug/kg	1.5	0.14	1
o-Xylene	ND		ug/kg	1.5	0.13	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.10	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.14	1
Acetone	16		ug/kg	7.4	0.76	1
Carbon disulfide	ND		ug/kg	7.4	0.81	1
2-Butanone	ND		ug/kg	7.4	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.18	1
2-Hexanone	ND		ug/kg	7.4	0.49	1
Bromochloromethane	ND		ug/kg	3.7	0.20	1
1,2-Dibromoethane	ND		ug/kg	2.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	0.29	1
Isopropylbenzene	ND		ug/kg	0.74	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.13	1
Methyl Acetate	ND		ug/kg	15	0.20	1
Cyclohexane	ND		ug/kg	15	0.11	1
1,4-Dioxane	ND		ug/kg	74	11.	1
Freon-113	ND		ug/kg	15	0.20	1
Methyl cyclohexane	ND		ug/kg	2.9	0.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:05
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG845010-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:05
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG845010-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/29/15 10:05

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG845010-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	119		70-130

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:12
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-05 Batch: WG845023-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:12
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-05 Batch: WG845023-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/29/15 10:12

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02-05 Batch: WG845023-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	82		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG845010-1 WG845010-2								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	107		101		70-130	6		30
Chloroform	114		105		70-130	8		30
Carbon tetrachloride	124		114		70-130	8		30
1,2-Dichloropropane	99		96		70-130	3		30
Dibromochloromethane	111		109		70-130	2		30
2-Chloroethylvinyl ether	74		71		70-130	4		30
1,1,2-Trichloroethane	109		104		70-130	5		30
Tetrachloroethene	119		113		70-130	5		30
Chlorobenzene	109		104		70-130	5		30
Trichlorofluoromethane	121		108		70-139	11		30
1,2-Dichloroethane	114		108		70-130	5		30
1,1,1-Trichloroethane	122		111		70-130	9		30
Bromodichloromethane	113		107		70-130	5		30
trans-1,3-Dichloropropene	110		108		70-130	2		30
cis-1,3-Dichloropropene	108		104		70-130	4		30
1,1-Dichloropropene	108		98		70-130	10		30
Bromoform	107		108		70-130	1		30
1,1,2,2-Tetrachloroethane	98		95		70-130	3		30
Benzene	106		99		70-130	7		30
Toluene	107		103		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG845010-1 WG845010-2								
Ethylbenzene	110		103		70-130	7		30
Chloromethane	93		85		52-130	9		30
Bromomethane	111		101		57-147	9		30
Vinyl chloride	111		100		67-130	10		30
Chloroethane	124		116		50-151	7		30
1,1-Dichloroethene	109		99		65-135	10		30
trans-1,2-Dichloroethene	110		98		70-130	12		30
Trichloroethene	116		109		70-130	6		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	108		105		70-130	3		30
1,4-Dichlorobenzene	108		106		70-130	2		30
Methyl tert butyl ether	105		99		66-130	6		30
p/m-Xylene	112		108		70-130	4		30
o-Xylene	109		104		70-130	5		30
cis-1,2-Dichloroethene	107		101		70-130	6		30
Dibromomethane	112		106		70-130	6		30
Styrene	112		109		70-130	3		30
Dichlorodifluoromethane	89		81		30-146	9		30
Acetone	91		91		54-140	0		30
Carbon disulfide	105		94		59-130	11		30
2-Butanone	101		92		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG845010-1 WG845010-2								
Vinyl acetate	98		92		70-130	6		30
4-Methyl-2-pentanone	75		73		70-130	3		30
1,2,3-Trichloropropane	101		97		68-130	4		30
2-Hexanone	68	Q	66	Q	70-130	3		30
Bromochloromethane	118		117		70-130	1		30
2,2-Dichloropropane	124		113		70-130	9		30
1,2-Dibromoethane	107		102		70-130	5		30
1,3-Dichloropropane	107		101		69-130	6		30
1,1,1,2-Tetrachloroethane	115		112		70-130	3		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	108		102		70-130	6		30
sec-Butylbenzene	105		98		70-130	7		30
tert-Butylbenzene	103		96		70-130	7		30
o-Chlorotoluene	110		108		70-130	2		30
p-Chlorotoluene	107		103		70-130	4		30
1,2-Dibromo-3-chloropropane	95		92		68-130	3		30
Hexachlorobutadiene	114		109		67-130	4		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	104		98		70-130	6		30
Naphthalene	84		83		70-130	1		30
Acrylonitrile	91		83		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG845010-1 WG845010-2								
Isopropyl Ether	94		88		66-130	7		30
tert-Butyl Alcohol	100		92		70-130	8		30
n-Propylbenzene	103		98		70-130	5		30
1,2,3-Trichlorobenzene	104		105		70-130	1		30
1,2,4-Trichlorobenzene	100		99		70-130	1		30
1,3,5-Trimethylbenzene	110		104		70-130	6		30
1,2,4-Trimethylbenzene	107		102		70-130	5		30
Methyl Acetate	88		85		51-146	3		30
Ethyl Acetate	95		85		70-130	11		30
Acrolein	82		76		70-130	8		30
Cyclohexane	100		88		59-142	13		30
1,4-Dioxane	91		87		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	116		106		50-139	9		30
p-Diethylbenzene	100		94		70-130	6		30
p-Ethyltoluene	106		101		70-130	5		30
1,2,4,5-Tetramethylbenzene	94		90		70-130	4		30
Tetrahydrofuran	79		83		66-130	5		30
Ethyl ether	101		99		67-130	2		30
trans-1,4-Dichloro-2-butene	102		100		70-130	2		30
Methyl cyclohexane	104		94		70-130	10		30
Ethyl-Tert-Butyl-Ether	101		95		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG845010-1 WG845010-2								
Tertiary-Amyl Methyl Ether	100		95		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		108		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	89		91		70-130
Dibromofluoromethane	114		112		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-05 Batch: WG845023-1 WG845023-2								
Methylene chloride	116		123		70-130	6		30
1,1-Dichloroethane	126		127		70-130	1		30
Chloroform	121		119		70-130	2		30
Carbon tetrachloride	126		121		70-130	4		30
1,2-Dichloropropane	112		99		70-130	12		30
Dibromochloromethane	103		107		70-130	4		30
2-Chloroethylvinyl ether	112		100		70-130	11		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	109		105		70-130	4		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	132		129		70-139	2		30
1,2-Dichloroethane	127		125		70-130	2		30
1,1,1-Trichloroethane	124		120		70-130	3		30
Bromodichloromethane	121		111		70-130	9		30
trans-1,3-Dichloropropene	105		106		70-130	1		30
cis-1,3-Dichloropropene	118		105		70-130	12		30
1,1-Dichloropropene	115		110		70-130	4		30
Bromoform	100		100		70-130	0		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	113		106		70-130	6		30
Toluene	100		96		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-05 Batch: WG845023-1 WG845023-2								
Ethylbenzene	104		100		70-130	4		30
Chloromethane	94		96		52-130	2		30
Bromomethane	129		143		57-147	10		30
Vinyl chloride	93		96		67-130	3		30
Chloroethane	147		147		50-151	0		30
1,1-Dichloroethene	119		123		65-135	3		30
trans-1,2-Dichloroethene	114		120		70-130	5		30
Trichloroethene	118		113		70-130	4		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	102		99		70-130	3		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	118		126		66-130	7		30
p/m-Xylene	109		104		70-130	5		30
o-Xylene	109		104		70-130	5		30
cis-1,2-Dichloroethene	112		118		70-130	5		30
Dibromomethane	119		108		70-130	10		30
Styrene	108		105		70-130	3		30
Dichlorodifluoromethane	114		111		30-146	3		30
Acetone	140		151	Q	54-140	8		30
Carbon disulfide	119		116		59-130	3		30
2-Butanone	112		127		70-130	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-05 Batch: WG845023-1 WG845023-2								
Vinyl acetate	128		152	Q	70-130	17		30
4-Methyl-2-pentanone	98		98		70-130	0		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	100		102		70-130	2		30
Bromochloromethane	120		123		70-130	2		30
2,2-Dichloropropane	127		126		70-130	1		30
1,2-Dibromoethane	105		105		70-130	0		30
1,3-Dichloropropane	102		98		69-130	4		30
1,1,1,2-Tetrachloroethane	109		109		70-130	0		30
Bromobenzene	99		99		70-130	0		30
n-Butylbenzene	104		96		70-130	8		30
sec-Butylbenzene	102		96		70-130	6		30
tert-Butylbenzene	102		98		70-130	4		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	93		95		68-130	2		30
Hexachlorobutadiene	100		101		67-130	1		30
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	92		94		70-130	2		30
Acrylonitrile	131	Q	139	Q	70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-05 Batch: WG845023-1 WG845023-2								
Isopropyl Ether	133	Q	138	Q	66-130	4		30
tert-Butyl Alcohol	118		131	Q	70-130	10		30
n-Propylbenzene	98		93		70-130	5		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30
Methyl Acetate	132		144		51-146	9		30
Ethyl Acetate	120		119		70-130	1		30
Acrolein	117		124		70-130	6		30
Cyclohexane	120		112		59-142	7		30
1,4-Dioxane	98		93		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	125		124		50-139	1		30
p-Diethylbenzene	100		96		70-130	4		30
p-Ethyltoluene	98		96		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		30
Tetrahydrofuran	114		126		66-130	10		30
Ethyl ether	115		126		67-130	9		30
trans-1,4-Dichloro-2-butene	108		108		70-130	0		30
Methyl cyclohexane	115		108		70-130	6		30
Ethyl-Tert-Butyl-Ether	117		132	Q	70-130	12		30

Lab Control Sample Analysis Batch Quality Control

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02-05 Batch: WG845023-1 WG845023-2								
Tertiary-Amyl Methyl Ether	111		114		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	91		95		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	105		109		70-130

SEMIVOLATILES

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-01
Client ID: SB-IRM4-101-SURF
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/01/15 10:34
Analyst: AS
Percent Solids: 84%

Date Collected: 11/24/15 08:50
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170		ug/kg	160	41.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	1700		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	70.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	53.	1
Naphthalene	80	J	ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NDPA/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1
Benzo(a)anthracene	680		ug/kg	120	39.	1
Benzo(a)pyrene	570		ug/kg	160	48.	1
Benzo(b)fluoranthene	710		ug/kg	120	40.	1
Benzo(k)fluoranthene	270		ug/kg	120	38.	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-01
 Client ID: SB-IRM4-101-SURF
 Sample Location: NEW YORK

Date Collected: 11/24/15 08:50
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	570		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	400		ug/kg	120	33.	1
Benzo(ghi)perylene	390		ug/kg	160	41.	1
Fluorene	180	J	ug/kg	200	57.	1
Phenanthrene	1300		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	110	J	ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	460		ug/kg	160	44.	1
Pyrene	1300		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	55.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	100	J	ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	430	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	950	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	59.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Carbazole	210		ug/kg	200	42.	1
Benzaldehyde	ND		ug/kg	260	80.	1
Caprolactam	ND		ug/kg	200	55.	1
Atrazine	ND		ug/kg	160	45.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	34.	1

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-01

Date Collected: 11/24/15 08:50

Client ID: SB-IRM4-101-SURF

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	96		18-120

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-02
Client ID: SB-IRM4-101-SUBS
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/01/15 11:02
Analyst: AS
Percent Solids: 85%

Date Collected: 11/24/15 09:05
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	1500		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	64	J	ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	630		ug/kg	110	37.	1
Benzo(a)pyrene	520		ug/kg	150	47.	1
Benzo(b)fluoranthene	630		ug/kg	110	39.	1
Benzo(k)fluoranthene	220		ug/kg	110	36.	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02
 Client ID: SB-IRM4-101-SUBS
 Sample Location: NEW YORK

Date Collected: 11/24/15 09:05
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	510		ug/kg	110	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	330		ug/kg	110	32.	1
Benzo(ghi)perylene	350		ug/kg	150	40.	1
Fluorene	170	J	ug/kg	190	55.	1
Phenanthrene	1100		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	37.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	150	42.	1
Pyrene	1100		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	110	J	ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Carbazole	170	J	ug/kg	190	41.	1
Benzaldehyde	ND		ug/kg	250	77.	1
Caprolactam	ND		ug/kg	190	53.	1
Atrazine	ND		ug/kg	150	43.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	32.	1

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-02

Date Collected: 11/24/15 09:05

Client ID: SB-IRM4-101-SUBS

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	85		18-120

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-03
Client ID: SB-IRM4-102-SURF
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/01/15 11:30
Analyst: AS
Percent Solids: 85%

Date Collected: 11/24/15 09:10
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	310		ug/kg	150	40.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	5200		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	2200		ug/kg	120	38.	1
Benzo(a)pyrene	1700		ug/kg	150	47.	1
Benzo(b)fluoranthene	2000		ug/kg	120	39.	1
Benzo(k)fluoranthene	920		ug/kg	120	37.	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-03
 Client ID: SB-IRM4-102-SURF
 Sample Location: NEW YORK

Date Collected: 11/24/15 09:10
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	1800		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	1200		ug/kg	120	32.	1
Benzo(ghi)perylene	1000		ug/kg	150	40.	1
Fluorene	350		ug/kg	190	55.	1
Phenanthrene	2200		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	270		ug/kg	120	37.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	43.	1
Pyrene	4000		ug/kg	120	37.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	110	J	ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Carbazole	140	J	ug/kg	190	41.	1
Benzaldehyde	ND		ug/kg	250	78.	1
Caprolactam	ND		ug/kg	190	53.	1
Atrazine	ND		ug/kg	150	44.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	33.	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-03

Date Collected: 11/24/15 09:10

Client ID: SB-IRM4-102-SURF

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	99		18-120

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-04
Client ID: 3179-112415-0001
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/01/15 11:57
Analyst: AS
Percent Solids: 85%

Date Collected: 11/24/15 00:00
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	60	J	ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	540		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	210		ug/kg	110	38.	1
Benzo(a)pyrene	200		ug/kg	150	47.	1
Benzo(b)fluoranthene	240		ug/kg	110	39.	1
Benzo(k)fluoranthene	84	J	ug/kg	110	36.	1

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-04
 Client ID: 3179-112415-0001
 Sample Location: NEW YORK

Date Collected: 11/24/15 00:00
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	170		ug/kg	110	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	120		ug/kg	110	32.	1
Benzo(ghi)perylene	110	J	ug/kg	150	40.	1
Fluorene	64	J	ug/kg	190	55.	1
Phenanthrene	370		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	37.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	150	42.	1
Pyrene	410		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Carbazole	59	J	ug/kg	190	41.	1
Benzaldehyde	ND		ug/kg	250	77.	1
Caprolactam	ND		ug/kg	190	53.	1
Atrazine	ND		ug/kg	150	43.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	32.	1

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-04

Date Collected: 11/24/15 00:00

Client ID: 3179-112415-0001

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	91		18-120

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/30/15 20:57
 Analyst: AS

Extraction Method: EPA 3546
 Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG844678-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	99	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	36.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	99	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	47.
Hexachlorocyclopentadiene	ND		ug/kg	470	110
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	55.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	35.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	41.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/30/15 20:57
 Analyst: AS

Extraction Method: EPA 3546
 Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG844678-1					
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Biphenyl	ND		ug/kg	380	54.
4-Chloroaniline	ND		ug/kg	160	44.
2-Nitroaniline	ND		ug/kg	160	47.
3-Nitroaniline	ND		ug/kg	160	46.
4-Nitroaniline	ND		ug/kg	160	45.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	53.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	54.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	360	52.
4-Nitrophenol	ND		ug/kg	230	54.
2,4-Dinitrophenol	ND		ug/kg	790	230
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/30/15 20:57
 Analyst: AS

Extraction Method: EPA 3546
 Extraction Date: 11/27/15 13:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG844678-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	54.
Carbazole	ND		ug/kg	160	36.
Benzaldehyde	ND		ug/kg	220	67.
Caprolactam	ND		ug/kg	160	46.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	85		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG844678-2 WG844678-3								
Acenaphthene	86		73		31-137	16		50
Benzidine	18		13		10-66	32		50
n-Nitrosodimethylamine	70		64		22-100	9		50
1,2,4-Trichlorobenzene	82		71		38-107	14		50
Hexachlorobenzene	88		74		40-140	17		50
Bis(2-chloroethyl)ether	74		65		40-140	13		50
2-Chloronaphthalene	90		77		40-140	16		50
1,2-Dichlorobenzene	78		68		40-140	14		50
1,3-Dichlorobenzene	77		68		40-140	12		50
1,4-Dichlorobenzene	77		68		28-104	12		50
3,3'-Dichlorobenzidine	66		54		40-140	20		50
2,4-Dinitrotoluene	86		74		28-89	15		50
2,6-Dinitrotoluene	90		77		40-140	16		50
Fluoranthene	92		79		40-140	15		50
4-Chlorophenyl phenyl ether	92		78		40-140	16		50
4-Bromophenyl phenyl ether	89		76		40-140	16		50
Azobenzene	77		65		40-140	17		50
Bis(2-chloroisopropyl)ether	67		59		40-140	13		50
Bis(2-chloroethoxy)methane	79		67		40-117	16		50
Hexachlorobutadiene	84		72		40-140	15		50
Hexachlorocyclopentadiene	135		122		40-140	10		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG844678-2 WG844678-3								
Hexachloroethane	73		64		40-140	13		50
Isophorone	78		68		40-140	14		50
Naphthalene	83		72		40-140	14		50
Nitrobenzene	74		63		40-140	16		50
NitrosoDiPhenylAmine(NDPA)/DPA	91		78		36-157	15		50
n-Nitrosodi-n-propylamine	73		63		32-121	15		50
Bis(2-Ethylhexyl)phthalate	84		71		40-140	17		50
Butyl benzyl phthalate	86		73		40-140	16		50
Di-n-butylphthalate	90		75		40-140	18		50
Di-n-octylphthalate	80		66		40-140	19		50
Diethyl phthalate	85		71		40-140	18		50
Dimethyl phthalate	86		72		40-140	18		50
Benzo(a)anthracene	90		77		40-140	16		50
Benzo(a)pyrene	92		79		40-140	15		50
Benzo(b)fluoranthene	88		76		40-140	15		50
Benzo(k)fluoranthene	91		77		40-140	17		50
Chrysene	88		75		40-140	16		50
Acenaphthylene	91		78		40-140	15		50
Anthracene	96		81		40-140	17		50
Benzo(ghi)perylene	88		74		40-140	17		50
Fluorene	88		75		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG844678-2 WG844678-3								
Phenanthrene	90		77		40-140	16		50
Dibenzo(a,h)anthracene	94		79		40-140	17		50
Indeno(1,2,3-cd)Pyrene	91		76		40-140	18		50
Pyrene	91		78		35-142	15		50
Biphenyl	86		72		54-104	18		50
Aniline	48		41		40-140	16		50
4-Chloroaniline	72		58		40-140	22		50
2-Nitroaniline	84		71		47-134	17		50
3-Nitroaniline	71		59		26-129	18		50
4-Nitroaniline	82		73		41-125	12		50
Dibenzofuran	87		74		40-140	16		50
2-Methylnaphthalene	88		75		40-140	16		50
1,2,4,5-Tetrachlorobenzene	82		70		40-117	16		50
Acetophenone	88		77		14-144	13		50
2,4,6-Trichlorophenol	93		78		30-130	18		50
P-Chloro-M-Cresol	89		75		26-103	17		50
2-Chlorophenol	82		71		25-102	14		50
2,4-Dichlorophenol	90		78		30-130	14		50
2,4-Dimethylphenol	80		79		30-130	1		50
2-Nitrophenol	79		68		30-130	15		50
4-Nitrophenol	78		69		11-114	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG844678-2 WG844678-3								
2,4-Dinitrophenol	0	Q	13		4-130	NC		50
4,6-Dinitro-o-cresol	34		35		10-130	3		50
Pentachlorophenol	66		61		17-109	8		50
Phenol	88		75		26-90	16		50
2-Methylphenol	86		74		30-130	15		50
3-Methylphenol/4-Methylphenol	89		77		30-130	14		50
2,4,5-Trichlorophenol	95		81		30-130	16		50
Benzoic Acid	0	Q	0	Q	10-66	NC		50
Benzyl Alcohol	79		68		40-140	15		50
Carbazole	91		79		54-128	14		50
Benzaldehyde	65		56		40-140	15		50
Caprolactam	73		64		15-130	13		50
Atrazine	109		93		40-140	16		50
2,3,4,6-Tetrachlorophenol	86		74		40-140	15		50
Pyridine	38		36		10-93	5		50
Parathion, ethyl	76		66		40-140	14		50
1-Methylnaphthalene	83		70		26-130	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG844678-2 WG844678-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		75		25-120
Phenol-d6	81		72		10-120
Nitrobenzene-d5	66		60		23-120
2-Fluorobiphenyl	86		77		30-120
2,4,6-Tribromophenol	85		75		10-136
4-Terphenyl-d14	88		77		18-120

PESTICIDES

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-01
Client ID: SB-IRM4-101-SURF
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/30/15 17:30
Analyst: AM
Percent Solids: 84%

Date Collected: 11/24/15 08:50
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/29/15 14:30
Cleanup Method: EPA 3620B
Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	A
Lindane	ND		ug/kg	0.761	0.340	1	A
Alpha-BHC	ND		ug/kg	0.761	0.216	1	A
Beta-BHC	ND		ug/kg	1.83	0.693	1	A
Heptachlor	ND		ug/kg	0.914	0.410	1	A
Aldrin	ND		ug/kg	1.83	0.643	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.761	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	A
Endrin ketone	ND		ug/kg	1.83	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.571	1	A
4,4'-DDE	ND		ug/kg	1.83	0.422	1	A
4,4'-DDD	ND		ug/kg	1.83	0.652	1	A
4,4'-DDT	ND		ug/kg	3.43	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.432	1	A
Endosulfan II	ND		ug/kg	1.83	0.611	1	A
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	A
Methoxychlor	ND		ug/kg	3.43	1.06	1	A
Toxaphene	ND		ug/kg	34.3	9.59	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.603	1	A
Chlordane	ND		ug/kg	14.8	6.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	94		30-150	A

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02
 Client ID: SB-IRM4-101-SUBS
 Sample Location: NEW YORK
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/30/15 17:43
 Analyst: AM
 Percent Solids: 85%

Date Collected: 11/24/15 09:05
 Date Received: 11/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/29/15 14:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.742	0.332	1	A
Alpha-BHC	ND		ug/kg	0.742	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.675	1	A
Heptachlor	ND		ug/kg	0.890	0.399	1	A
Aldrin	ND		ug/kg	1.78	0.627	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.742	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.779	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.556	1	A
4,4'-DDE	ND		ug/kg	1.78	0.412	1	A
4,4'-DDD	ND		ug/kg	1.78	0.635	1	A
4,4'-DDT	ND		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.595	1	A
Endosulfan sulfate	ND		ug/kg	0.742	0.353	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.34	1	A
cis-Chlordane	ND		ug/kg	2.22	0.620	1	A
trans-Chlordane	ND		ug/kg	2.22	0.587	1	A
Chlordane	ND		ug/kg	14.5	5.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: IRM SAMPLING**Lab Number:** L1531069**Project Number:** 34201-313**Report Date:** 12/02/15**SAMPLE RESULTS**

Lab ID: L1531069-03
Client ID: SB-IRM4-102-SURF
Sample Location: NEW YORK
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/30/15 17:56
Analyst: AM
Percent Solids: 85%

Date Collected: 11/24/15 09:10
Date Received: 11/24/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/29/15 14:30
Cleanup Method: EPA 3620B
Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.747	0.334	1	A
Alpha-BHC	ND		ug/kg	0.747	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.747	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.747	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.41	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.6	5.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-04
 Client ID: 3179-112415-0001
 Sample Location: NEW YORK
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/30/15 18:09
 Analyst: AM
 Percent Solids: 85%

Date Collected: 11/24/15 00:00
 Date Received: 11/24/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/29/15 14:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	ND		ug/kg	2.24	0.625	1	A
trans-Chlordane	ND		ug/kg	2.24	0.592	1	A
Chlordane	ND		ug/kg	14.6	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	82		30-150	A

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/30/15 16:25
 Analyst: AM

Extraction Method: EPA 3546
 Extraction Date: 11/29/15 14:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG844883-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.641	0.286	A
Alpha-BHC	ND		ug/kg	0.641	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.583	A
Heptachlor	ND		ug/kg	0.769	0.345	A
Aldrin	ND		ug/kg	1.54	0.542	A
Heptachlor epoxide	ND		ug/kg	2.88	0.865	A
Endrin	ND		ug/kg	0.641	0.263	A
Endrin aldehyde	ND		ug/kg	1.92	0.673	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.962	0.481	A
4,4'-DDE	ND		ug/kg	1.54	0.356	A
4,4'-DDD	ND		ug/kg	1.54	0.549	A
4,4'-DDT	ND		ug/kg	2.88	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.514	A
Endosulfan sulfate	ND		ug/kg	0.641	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.897	A
Toxaphene	ND		ug/kg	28.8	8.08	A
cis-Chlordane	ND		ug/kg	1.92	0.536	A
trans-Chlordane	ND		ug/kg	1.92	0.508	A
Chlordane	ND		ug/kg	12.5	5.10	A

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/30/15 16:25
 Analyst: AM

Extraction Method: EPA 3546
 Extraction Date: 11/29/15 14:30
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/30/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG844883-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	87		30-150	A

Lab Control Sample Analysis Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG844883-2 WG844883-3									
Delta-BHC	75		75		30-150	0		30	A
Lindane	72		72		30-150	0		30	A
Alpha-BHC	72		74		30-150	3		30	A
Beta-BHC	96		86		30-150	11		30	A
Heptachlor	91		89		30-150	2		30	A
Aldrin	79		77		30-150	3		30	A
Heptachlor epoxide	82		82		30-150	0		30	A
Endrin	78		78		30-150	0		30	A
Endrin aldehyde	69		67		30-150	3		30	A
Endrin ketone	74		69		30-150	7		30	A
Dieldrin	79		77		30-150	3		30	A
4,4'-DDE	80		78		30-150	3		30	A
4,4'-DDD	84		82		30-150	2		30	A
4,4'-DDT	96		93		30-150	3		30	A
Endosulfan I	79		79		30-150	0		30	A
Endosulfan II	90		87		30-150	3		30	A
Endosulfan sulfate	79		69		30-150	14		30	A
Methoxychlor	99		86		30-150	14		30	A
cis-Chlordane	88		84		30-150	5		30	A
trans-Chlordane	98		97		30-150	1		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG844883-2 WG844883-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		75		30-150	B
Decachlorobiphenyl	80		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		90		30-150	A
Decachlorobiphenyl	95		96		30-150	A

METALS

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-01

Date Collected: 11/24/15 08:50

Client ID: SB-IRM4-101-SURF

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.2		mg/kg	0.47	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Barium, Total	29		mg/kg	0.47	0.14	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Beryllium, Total	0.44		mg/kg	0.24	0.05	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Chromium, Total	15		mg/kg	0.47	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Copper, Total	29		mg/kg	0.47	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Lead, Total	6.4		mg/kg	2.4	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Magnesium, Total	3600		mg/kg	4.7	0.47	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Manganese, Total	420		mg/kg	0.47	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	11/26/15 08:40	11/30/15 13:49	EPA 7471B	1,7471B	DB
Nickel, Total	23		mg/kg	1.2	0.19	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Selenium, Total	0.20	J	mg/kg	0.95	0.14	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.10	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH
Zinc, Total	77		mg/kg	2.4	0.33	1	11/25/15 09:30	11/26/15 02:15	EPA 3050B	1,6010C	JH



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02

Date Collected: 11/24/15 09:05

Client ID: SB-IRM4-101-SUBS

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.7		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Barium, Total	20		mg/kg	0.47	0.14	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Beryllium, Total	0.28		mg/kg	0.24	0.05	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Chromium, Total	9.6		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Copper, Total	18		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Lead, Total	3.7		mg/kg	2.4	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Magnesium, Total	2300		mg/kg	4.7	0.47	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Manganese, Total	270		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Mercury, Total	0.09		mg/kg	0.08	0.02	1	11/26/15 08:40	11/30/15 13:51	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	1.2	0.19	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Selenium, Total	0.25	J	mg/kg	0.94	0.14	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH
Zinc, Total	47		mg/kg	2.4	0.33	1	11/25/15 09:30	11/26/15 02:32	EPA 3050B	1,6010C	JH



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-03
 Client ID: SB-IRM4-102-SURF
 Sample Location: NEW YORK
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 11/24/15 09:10
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.9		mg/kg	0.46	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Barium, Total	32		mg/kg	0.46	0.14	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Beryllium, Total	0.38		mg/kg	0.23	0.05	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.46	0.03	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.46	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Copper, Total	24		mg/kg	0.46	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Lead, Total	4.8		mg/kg	2.3	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Magnesium, Total	3000		mg/kg	4.6	0.46	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Manganese, Total	390		mg/kg	0.46	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Mercury, Total	0.06	J	mg/kg	0.08	0.02	1	11/26/15 08:40	11/30/15 13:57	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	1.1	0.18	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.91	0.14	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.46	0.09	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH
Zinc, Total	63		mg/kg	2.3	0.32	1	11/25/15 09:30	11/26/15 02:55	EPA 3050B	1,6010C	JH



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-04

Date Collected: 11/24/15 00:00

Client ID: 3179-112415-0001

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	8.4		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Barium, Total	31		mg/kg	0.47	0.14	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Beryllium, Total	0.41		mg/kg	0.23	0.05	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.47	0.03	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Lead, Total	4.8		mg/kg	2.3	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Magnesium, Total	3400		mg/kg	4.7	0.47	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Manganese, Total	340		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Mercury, Total	0.03	J	mg/kg	0.08	0.02	1	11/26/15 08:40	11/30/15 13:58	EPA 7471B	1,7471B	DB
Nickel, Total	21		mg/kg	1.2	0.19	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Selenium, Total	0.14	J	mg/kg	0.93	0.14	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.47	0.09	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH
Zinc, Total	71		mg/kg	2.3	0.33	1	11/25/15 09:30	11/26/15 02:59	EPA 3050B	1,6010C	JH



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-05

Date Collected: 11/24/15 09:20

Client ID: SB-IRM4-102-SUBS

Date Received: 11/24/15

Sample Location: NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.8		mg/kg	0.45	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Barium, Total	28		mg/kg	0.45	0.14	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Beryllium, Total	0.37		mg/kg	0.23	0.05	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Chromium, Total	13		mg/kg	0.45	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Copper, Total	24		mg/kg	0.45	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Lead, Total	5.1		mg/kg	2.3	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Magnesium, Total	3100		mg/kg	4.5	0.45	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Manganese, Total	360		mg/kg	0.45	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Mercury, Total	0.24		mg/kg	0.07	0.02	1	11/26/15 08:40	11/30/15 14:00	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	1.1	0.18	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.91	0.14	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH
Zinc, Total	64		mg/kg	2.3	0.32	1	11/25/15 09:30	11/26/15 03:03	EPA 3050B	1,6010C	JH



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG844261-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Copper, Total	0.17	J	mg/kg	0.40	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Magnesium, Total	ND		mg/kg	4.0	0.40	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	11/25/15 09:30	11/26/15 02:07	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-05 Batch: WG844581-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	11/26/15 08:40	11/30/15 12:40	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG844261-2 SRM Lot Number: D088-540								
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	88		-		83-117	-		
Cadmium, Total	88		-		83-117	-		
Chromium, Total	85		-		80-120	-		
Copper, Total	82		-		81-118	-		
Lead, Total	82		-		81-117	-		
Magnesium, Total	81		-		76-124	-		
Manganese, Total	84		-		81-118	-		
Nickel, Total	85		-		83-117	-		
Selenium, Total	86		-		78-122	-		
Silver, Total	93		-		75-124	-		
Zinc, Total	88		-		82-118	-		
Total Metals - Westborough Lab Associated sample(s): 01-05 Batch: WG844581-2 SRM Lot Number: D088-540								
Mercury, Total	100		-		72-128	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844261-4 QC Sample: L1531069-01 Client ID: SB-IRM4-101-SURF												
Arsenic, Total	9.2	11.2	18	79		-	-		75-125	-		20
Barium, Total	29.	186	180	81		-	-		75-125	-		20
Beryllium, Total	0.44	4.65	4.0	76		-	-		75-125	-		20
Cadmium, Total	ND	4.74	3.5	74	Q	-	-		75-125	-		20
Chromium, Total	15.	18.6	26	59	Q	-	-		75-125	-		20
Copper, Total	29.	23.2	45	69	Q	-	-		75-125	-		20
Lead, Total	6.4	47.4	37	64	Q	-	-		75-125	-		20
Magnesium, Total	3600	930	4200	64	Q	-	-		75-125	-		20
Manganese, Total	420	46.5	420	0	Q	-	-		75-125	-		20
Nickel, Total	23.	46.5	52	62	Q	-	-		75-125	-		20
Selenium, Total	0.20J	11.2	8.7	78		-	-		75-125	-		20
Silver, Total	ND	27.9	24	86		-	-		75-125	-		20
Zinc, Total	77.	46.5	100	49	Q	-	-		75-125	-		20

Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844581-4 QC Sample: L1531140-01 Client ID: MS Sample

Mercury, Total	0.02J	0.164	0.19	116		-	-		80-120	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844261-3 QC Sample: L1531069-01 Client ID: SB-IRM4-101-SURF						
Arsenic, Total	9.2	8.8	mg/kg	4		20
Barium, Total	29.	30	mg/kg	3		20
Beryllium, Total	0.44	0.43	mg/kg	2		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	15.	14	mg/kg	7		20
Copper, Total	29.	27	mg/kg	7		20
Lead, Total	6.4	5.4	mg/kg	17		20
Magnesium, Total	3600	3600	mg/kg	0		20
Manganese, Total	420	360	mg/kg	15		20
Nickel, Total	23.	21	mg/kg	9		20
Selenium, Total	0.20J	0.30J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	77.	72	mg/kg	7		20
Total Metals - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844581-3 QC Sample: L1531140-01 Client ID: DUP Sample						
Mercury, Total	0.02J	0.02J	mg/kg	NC		20

INORGANICS & MISCELLANEOUS

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-01

Client ID: SB-IRM4-101-SURF

Sample Location: NEW YORK

Matrix: Soil

Date Collected: 11/24/15 08:50

Date Received: 11/24/15

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	15		mg/kg	0.96	0.96	1	-	11/27/15 15:27	107,-	
Solids, Total	83.6		%	0.100	NA	1	-	11/25/15 22:20	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.18	1	11/25/15 13:34	11/30/15 13:35	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.96	0.19	1	11/25/15 12:37	11/27/15 15:27	1,7196A	AL



Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-02

Client ID: SB-IRM4-101-SUBS

Sample Location: NEW YORK

Matrix: Soil

Date Collected: 11/24/15 09:05

Date Received: 11/24/15

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	9.6		mg/kg	0.94	0.94	1	-	11/27/15 15:28	107,-	
Solids, Total	84.9		%	0.100	NA	1	-	11/25/15 22:20	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.18	1	11/25/15 13:34	11/30/15 13:36	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	11/25/15 12:37	11/27/15 15:28	1,7196A	AL



Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-03
 Client ID: SB-IRM4-102-SURF
 Sample Location: NEW YORK
 Matrix: Soil

Date Collected: 11/24/15 09:10
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	13		mg/kg	0.94	0.94	1	-	11/27/15 15:31	107,-	
Solids, Total	84.6		%	0.100	NA	1	-	11/25/15 22:20	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.19	1	11/25/15 13:34	11/30/15 13:40	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	11/25/15 12:37	11/27/15 15:31	1,7196A	AL



Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-04
 Client ID: 3179-112415-0001
 Sample Location: NEW YORK
 Matrix: Soil

Date Collected: 11/24/15 00:00
 Date Received: 11/24/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	14		mg/kg	0.94	0.94	1	-	11/27/15 15:32	107,-	
Solids, Total	85.3		%	0.100	NA	1	-	11/25/15 22:20	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.18	1	11/25/15 13:34	11/30/15 13:41	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	11/25/15 12:37	11/27/15 15:32	1,7196A	AL



Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

SAMPLE RESULTS

Lab ID: L1531069-05

Client ID: SB-IRM4-102-SUBS

Sample Location: NEW YORK

Matrix: Soil

Date Collected: 11/24/15 09:20

Date Received: 11/24/15

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	13		mg/kg	0.94	0.94	1	-	11/27/15 15:33	107,-	
Solids, Total	85.0		%	0.100	NA	1	-	11/25/15 22:20	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.2	0.19	1	11/25/15 13:34	11/30/15 13:42	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	11/25/15 12:37	11/27/15 15:33	1,7196A	AL



Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG844350-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	11/25/15 12:37	11/27/15 15:20	1,7196A	AL
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG844357-1										
Cyanide, Total	ND		mg/kg	0.88	0.15	1	11/25/15 13:34	11/30/15 13:30	1,9010C/9012B	JO

Lab Control Sample Analysis Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG844350-2								
Chromium, Hexavalent	88		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG844357-2 WG844357-3								
Cyanide, Total	108		93		80-120	17		35

Matrix Spike Analysis

Batch Quality Control

Project Name: IRM SAMPLING

Lab Number: L1531069

Project Number: 34201-313

Report Date: 12/02/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844350-4 QC Sample: L1531069-04 Client ID: 3179-112415-0001												
Chromium, Hexavalent	ND	1270	1200	94		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844357-4 WG844357-5 QC Sample: L1531069-02 Client ID: SB-IRM4-101-SUBS												
Cyanide, Total	ND	11	10	90		10	86		65-135	0		35

Lab Duplicate Analysis Batch Quality Control

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844350-6 QC Sample: L1531069-04 Client ID: 3179-112415-0001						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG844533-1 QC Sample: L1531035-01 Client ID: DUP Sample						
Solids, Total	39.8	40.5	%	2		20

Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/25/2015 07:00

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1531069-01A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-01B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-01C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-01D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1531069-01E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1531069-01X	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	-
L1531069-02A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-02B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-02C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-02D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1531069-02E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1531069-02X	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	-
L1531069-03A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-03B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-03C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-03D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



Project Name: IRM SAMPLING

Project Number: 34201-313

Lab Number: L1531069

Report Date: 12/02/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1531069-03E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1531069-03X	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	-
L1531069-04A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-04B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-04C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-04D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1531069-04E	Glass 250ml/8oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1531069-04X	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	-
L1531069-05A	Vial MeOH preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-05B	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-05C	Vial water preserved	A	N/A	2.2	Y	Absent	NYTCL-8260HLW(14)
L1531069-05D	Plastic 2oz unpreserved for TS	A	N/A	2.2	Y	Absent	TS(7)
L1531069-05E	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	BE-TI(180),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1531069-05X	Glass 120ml/4oz unpreserved	A	N/A	2.2	Y	Absent	-

Container Comments

L1531069-01X

L1531069-02X

L1531069-03X

L1531069-04X

*Values in parentheses indicate holding time in days



Project Name: IRM SAMPLING**Project Number:** 34201-313**Lab Number:** L1531069**Report Date:** 12/02/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1531069-05X

*Values in parentheses indicate holding time in days

Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: IRM SAMPLING
Project Number: 34201-313

Lab Number: L1531069
Report Date: 12/02/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; Iodomethane (methyl iodide) (soil); Methyl methacrylate (soil); Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

ALPHA Job #
C1531069



Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-101-SURF

Lab Sample ID: 155096-01

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	9.54	mg/Kg	A	12/3/2015 09:18

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-101-SUBS

Lab Sample ID: 155096-02

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	6.57	mg/Kg	A	12/3/2015 09:21

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-102-SURF

Lab Sample ID: 155096-03

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	8.12	mg/Kg	A	12/3/2015 09:24

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: 3179-112415-0001

Lab Sample ID: 155096-04

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	8.00	mg/Kg	A	12/3/2015 09:27

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-102-SUBS

Lab Sample ID: 155096-05

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	10.2	mg/Kg	A	12/3/2015 09:30

Method Reference(s): EPA 6010C
EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

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Report Prepared Thursday, December 03, 2015



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term, or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.



CHAIN OF CUSTODY

PAGE OF

Project Information

Westborough, MA Mansfield, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

Project Name:

Project Location: NY

Project #:

Client: Alpha Analytical Lab
Address: 8 Walkup Drive

Project Manager: Gina Hall

Westborough, MA 01561

ALPHA Quote #:

Phone: 508-898-9220

Turn-Around Time

Fax:

Standard ☒ Rush (ONLY IF PRE-APPROVED)Email: subreports@alphalab.com☐ These samples have been previously analyzed by Alpha

Due Date: 12/02/15 Time: 08:12/15

Other Project Specific Requirements/Comments/Detection Limits:

Please reference Alpha Job #L1531215 on this report.

ASP-B deliverables required

ALPHA Lab ID
(Lab Use Only)

Sample ID

Collection
Date TimeSample
MatrixSampler's
Initials

ZIRCONIUM

Date Rec'd in Lab:

ALPHA Job #: L1531215

Report Information Data Deliverables

Billing Information

☐ FAX☐ EMAIL☐ Same as Client Info

PO #:

☐ ADEX☐ Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

MCP PRESUMPTIVE CERTAINTY-CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

ANALYSIS

SAMPLE HANDLING
Filtration
☐ Done
☐ Not Needed
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTOM LES

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT
MA MCP OR CT RCP?FORM NO. 01-010
(rev. 03-01-07)

Container Type	Preservative	Date/Time	Received By:	Date/Time
G	A	-	-	-

Relinquished By:

Date/Time

Received By:

Date/Time

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

R2d 640 PM

11:30 AM 00C iced

11/30/2015 Thetrick

11/30/2015

035PM 2P 12/1/15 10:01



Chain of Custody Supplement

Client: Alpha Analytical

Completed by: Glen Pezzulo

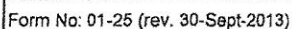
Lab Project ID: 155096

Date: 12/1/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition		NELAC compliance with the sample condition requirements upon receipt		
		Yes	No	N/A
Container Type		☒	☐	☐
	Comments			
Transferred to method-compliant container		☐	☐	☒
Headspace (<1 mL)		☐	☐	☒
	Comments			
Preservation		☐	☐	☒
	Comments			
Chlorine Absent (<0.10 ppm per test strip)		☐	☐	☒
	Comments			
Holding Time		☒	☐	☐
	Comments			
Temperature		☐	☐	☒
	Comments	<u>0°C iced 11/30/15 18:40</u>		
Sufficient Sample Quantity		☒	☐	☐
	Comments			





PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Alpha Analytical

For Lab Project # 155096

Issued January 7, 2016

This report contains a total of 60 pages(numbered to 58)

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = Please refer to included Case Narrative for explanation.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.

"(1)" = Indicates data from primary column used for QC calculation.

"(A)" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"(F)" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

LAB PROJECT NARRATIVE: 155096

PROJECT NAME: L1531215

SDG: 5096-01

CLIENT: Alpha Analytical

Five soil samples were collected on 11/24/2015 and received at the Paradigm laboratory on 12/01/2015. Container and holding times were acceptable at time of receipt; the samples were received at 0° Centigrade and were on ice. The samples were submitted with the Chains-of-Custody requesting Zirconium. This analysis was performed using EPA SW-846 Methods and the associated holding times.

The items noted in this case narrative address compliance with the referenced methods, NYSDOH ELAP rules, and any project specific data quality requirements. These may be different from the usability criteria referenced in any "Functional Guidelines" or other data review standards used by data validators.

GENERAL NOTES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

METALS

ICP-AES background corrections were applied. Raw data was not generated before application of background corrections.

Sample results have been flagged with an "A" as these compounds are parameters for which ELAP does not offer approval as part of their laboratory certification program.

The analytical run required reprocessing to adjust the Zirconium peak. Both the reprocessed and the original runs are included in this report package.

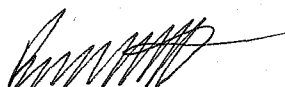
Holding times were met for all samples.

Site specific QC was analyzed on sample SB-IRM4-102-SUBS. The Spike Recovery and RPD were within acceptable QC limits. The Laboratory Control Samples recovered within acceptable limits. All LCS % differences were within acceptance limits.

The method blank was free from contamination within the reportable ranges.

All data for the initial calibrations was within acceptance limits.

All continuing calibrations data was within acceptance limits.

(signed) 
Bruce Hoogesteger- President

(date) 1/7/2016

[illegible]

1 of 2

PAGE OF

Project Information

Project Name:

Client Information

Project Location: NY

Client: Alpha Analytical Lab

Project #:

Address: 8 Walkup Drive

Project Manager: Gina Hall

Westborough, Ma 01581

ALPHA Quote #:

Phone: 508-898-9220

Turn-Around Time

Fax: _____ Standard ☐ Rush (ONLY IF PRE-APPROVED) ☒

Email: subreports@alphalab.com

Q Day TAT, due 12/3/15 per SD

☐ These samples have been Previously analyzed by Alpha

Due Date: 12/02/15 Time: GP 12/1/15

Other Project Specific Requirements/Comments/Detection Limits:

Please reference Alpha Job #L1531215 on this report.

ASP-B deliverables required

[illegible]

PLEASE ANSWER QUESTIONS ABOVE!

Container Type

G

Preservative

IS YOUR PROJECT MA MCP *or* CT RCP?

FORM NO: 01-01(I)
(rev. 80-11B-07)

Relinquished By:

Date/Time

Received By:

Date/Time

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Pavment Terms

R2d 640 PM 11/30 ~~TB~~ 0°C iced Tree 11/30 635 PM 2P 12/1/15 10:01



Chain of Custody Supplement

Client:

Alpha Analytical

Completed by:

Glen Pezzulo

Lab Project ID:

155096

Date:

12/1/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	☒	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☒
Headspace (<1 mL)	☐	☐	☒
Comments			
Preservation	☐	☐	☒
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☐	☐	☒
Comments			
Holding Time	☒	☐	☐
Comments			
Temperature	☐	☐	☒
Comments	<u>0°C iced 11/30/15 18:40</u>		
Sufficient Sample Quantity	☒	☐	☐
Comments			



179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

Client: Alpha Analytical # of Samples: 5

Internal Chain of Custody

Sign-Out Log for Refrigerator: C

[illegible]

Percent Moisture Prep Log

$$\% \text{ Moisture} = (\text{Wet Weight} - \text{Dry Weight}) / (\text{Wet weight} - \text{Pan Weight})$$

Date	Container Code	Sample #	Pan Weight	Wet Weight	Dry Weight	Wet Weight - Pan Weight	Percent Moisture	Initials
11/25/15	G2-1	5071-04	0.84	6.66	6.03	5.82	10.89.86	WJ/L
		-05	0.84	6.01	5.50	5.17	9.86 11.0	
		-06	0.84	6.55	5.92	5.71	11.0 5.30	
		Aug 07 06	0.84	6.55	5.89	5.71	11.6 %D	
	G3	5075-01	0.84	9.83	9.29	8.99	6.01	JG / 11/25
		5075-02	0.84	7.82	7.32	6.98	7.16	
		5078-01	0.84	7.33	1.23	6.49	94.0	
		-02	0.84	7.33	1.17	6.49	94.9	
		-03	0.83	6.17	1.20	5.34	93.1	
		-04	0.84	6.46	1.08	5.62	95.7	
		-05	0.84	6.99	1.25	6.15	93.3	
		-06	0.84	6.58	1.10	5.74	95.5	
		5077-01	0.84	8.70	5.76	7.86	37.4 62.6	
		-02	0.84	9.91	7.62	9.07	25.2 74.8	
11/28/15	G2	5079-01	0.83	6.70	5.82	5.87	15.0%	8B
		-02	0.82	7.32	6.26	6.50	16.3 %D	
		-01dup	0.82	6.87	5.88	6.05	16.4 0.612%	
11/30/15	G2-1	5083-01	0.83	5.88	5.02	5.02	17.1	PHU
		-02	0.84	6.33	5.33	5.49	18.2	
		-03	0.82	6.48	5.43	5.66	18.6	
		-04	0.82	6.24	5.27	5.42	17.9	
		-05	0.82	6.09	4.93	5.27	22.0	
		-06	0.83	6.21	5.05	5.38	21.6 0.927	
		5083-06 Dup	0.83	5.88	4.78	5.05	21.8 0	
12/1/15	G3	5099-01	0.83	7.10	5.61	6.27	23.3	KC/JG
		-02	0.82	7.70	6.19	6.88	21.9	
	G2-1	5101-01A	0.85	6.85	6.71	6.00	23.3	
	G3	5103-01A	0.83	6.35	1.70	5.52	84.2	
		5104-01A	0.83	6.52	2.37	5.69	72.9	
		5105-01A	0.84	6.55	2.71	5.71	67.3	
		5107-01A	0.84	6.13	2.70	5.29	64.8	
		5108-01A	0.85	6.24	2.19	5.39	75.1	
		5109-01	0.86	6.72	5.23	5.89	25.4	
12/7/15	G2	5096-01	0.84	6.79	5.76	5.95	17.3	
		-02	0.85	6.48	5.51	5.63	17.2	
		-03	0.84	6.73	5.68	5.89	17.8	
		-04	0.85	8.16	6.74	7.31	19.4	
		-05	0.84	6.44	5.39	5.60	18.8 4.912	
		-05dup	0.82	6.52	5.50	5.70	17.9	

CALCULATION FORMULA AND EXAMPLES

The generalized formula for all calculations from instrument output to final reported results is as follows:

(Measured Result) x (Final volume/initial weight or volume) x (dilution factor)x(1/decimal % solids) x (unit conversion factor if any) = Final Reported Result

Example calculations for each of the primary test categories are shown below.

MERCURY (Water)

- Instrument concentration = 42.6 ug/L
- Initial Volume = 20 ml
- Final Volume = 20 ml
- Dilution Factor = 10
- Conversion factor ug/l to mg/l = .001

$$(42.6) \times (20/20) \times (10) \times (.001) = 0.426 \text{ mg/L}$$

MERCURY (soil)

- Instrument concentration = 42.6 ug/L
- Initial Volume = 0.532 grams
- Final Volume = 20 ml
- Dilution Factor = 10
- Decimal % Solids = 0.79
- Conversion factor ug/l to mg/l = .001

$$(42.6) \times (20/0.532) \times (10) \times (1/0.79) \times .001 = 20.3 \text{ mg/kg}$$

ICP METALS (water)

- Instrument concentration = 8.50 mg/L
- Initial Volume = 50ml
- Final Volume = 50ml
- Dilution factor = 1

$$(8.5) \times (50/50) \times (1) = 8.50 \text{ mg/L}$$

ICP METALS (soil)

- Instrument concentration = 8.5 mg/L
- Initial weight = 1.23 gm
- Final Volume = 50 ml
- Dilution factor = 2
- Decimal % solid = .840

$$(8.5) \times (50/1.23) \times (2) \times (1/.840) = 823 \text{ mg/kg}$$

ORGANICS EXTRACTABLES (PCB, Pest, ABN) Waters

- Instrumental Concentration = 0.52 ug/ml (average of 3 peaks for PCBs)
- Initial Volume = 1 liter
- Final Volume = 10 ml
- Dilution Factor = 5

$$(0.52) \times (10\text{ml}/1 \text{ liter}) \times (5) = 26.0 \text{ ug/L}$$

ORGANICS EXTRACTABLES (PCB, Pest, ABN) Soils

- Instrumental Concentration = 0.52 ug/ml
- Initial Weight = 30.5 gm = .0305 kg
- Final Volume = 10 ml
- Dilution Factor = 10
- Decimal % solid = 0.85

$$(0.52) \times (10/.0305) \times (10) \times (1/0.85) = 2010 \text{ ug/kg}$$

VOLATILES water

- Instrument concentration = 7.36 ug/L
- Initial volume = 1ml
- Final volume = 5 ml
- Dilution factor = 1

$$(7.36) \times (5/1) \times (1) = 36.8 \text{ ug/L}$$

VOLATILES soil (Low level)

- Instrument concentration = 7.36 ug/L
- Initial weight = 2.45 gm
- Initial volume = 5ml
- Dilution Factor = 1
- Decimal % solid = 0.76

$$(7.36) \times (5/2.45) \times (1) (1/7.6) = 19.7 \text{ ug/kg}$$

VOLATILES (Medium level methanol extraction)

- Instrument concentration = 7.36 ug/l
- Initial volume = 100ul = 0.100 ml
- Final volume = 5ml
- Dilution factor = 10ml meOH/1.28 gm) = 7.81
- Decimal % soil = 0.76

$$(7.36) \times (5/0.100) \times (7.81 \times (1/0.76)) = 3782 \text{ ug/kg}$$

CYANIDE waters

- Instrument concentration = 0.125 mg/L
- Initial Volume = 50 ml
- Final Volume = 25 ml
- DF = 20 ml/10ml = 2

$$(0.125) \times (25/50) \times (2) = 0.125$$

CYANIDE soils

- Instrument Concentration = 0.125 mg/L
- Initial weight = 0.53 gm
- Final Volume = 25 ml
- DF = 20ml/10ml = 2
- Decimal % solid = 0.64

$$(0.125) \times (25/0.53) \times (2) \times (1/0.64) = 18.4 \text{ mg/kg}$$

GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

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- Warranty.** Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.
- Scope and Compensation.** LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order. Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.
- Prices.** Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately.
- Limitations of Liability.** In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services. LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results. All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB. Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.
- Hazard Disclosure.** Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.
- Sample Handling.** Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report. Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples. LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.
- Legal Responsibility.** LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.
- Assignment.** LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.
- Force Majeure.** LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.
- Law.** This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

METALS DATA



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-101-SURF

Lab Sample ID: 155096-01

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Zirconium	9.54	mg/Kg	A	12/3/2015 09:18
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	12/1/2015			
Data File:	120315a			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-101-SUBS

Lab Sample ID: 155096-02

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Zirconium	6.57	mg/Kg	A	12/3/2015 09:21
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	12/1/2015			
Data File:	120315a			

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Report Prepared Thursday, December 03, 2015



PARADIGM

ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-102-SURF

Lab Sample ID: 155096-03

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Zirconium	8.12	mg/Kg	A	12/3/2015 09:24

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 12/1/2015

Data File: 120315a

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015

**PARADIGM**
ENVIRONMENTAL SERVICES, INC.**Lab Project ID:** 155096**Client:** Alpha Analytical**Project Reference:** L1531215**Sample Identifier:** 3179-112415-0001**Lab Sample ID:** 155096-04**Date Sampled:** 11/24/2015**Matrix:** Soil**Date Received:** 12/1/2015**Metals**

Analyte	Result	Units	Qualifier	Date Analyzed
Zirconium	8.00	mg/Kg	A	12/3/2015 09:27

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 12/1/2015
Data File: 120315a

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Report Prepared Thursday, December 03, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 155096

Client: Alpha Analytical

Project Reference: L1531215

Sample Identifier: SB-IRM4-102-SUBS

Lab Sample ID: 155096-05

Date Sampled: 11/24/2015

Matrix: Soil

Date Received: 12/1/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Zirconium	10.2	mg/Kg	A	12/3/2015 09:30
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	12/1/2015			
Data File:	120315a			

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Report Prepared Thursday, December 03, 2015

**PARADIGM**
ENVIRONMENTAL SERVICES, INC.***Method Blank Report***

Client: Alpha Analytical
Project Reference: L1531215
Lab Project ID: 155096
SDG #: 5096-01
Matrix: Soil

Metals

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Zirconium	<4.50	mg/Kg		12/3/2015 09:10

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 12/1/2015
QC Batch ID: QC151201soil
QC Number: 1

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: Alpha Analytical
Project Reference: L1531215
Lab Project ID: 155096
SDG #: 5096-01
Matrix: Soil

Metals

<u>Analyte</u>	<u>LCS</u> <u>Added</u>	<u>LCSD</u> <u>Added</u>	<u>Spike</u> <u>Units</u>	<u>LCS</u> <u>Result</u>	<u>LCSD</u> <u>Result</u>	<u>LCS %</u> <u>Recovery</u>	<u>LCSD %</u> <u>Recovery</u>	<u>% Rec</u> <u>Limits</u>	<u>LCS</u> <u>Outliers</u>	<u>LCSD</u> <u>Outliers</u>	<u>Relative %</u> <u>Difference</u>	<u>RPD</u> <u>Limit</u>	<u>RPD</u> <u>Outliers</u>	<u>Date</u> <u>Analyzed</u>
Zirconium	99.0	98.0	mg/Kg	104	103	105	106	80 - 120			0.237	20		12/3/2015

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 12/1/2015
Data File: 120315ar
QC Number: 1
QC Batch ID: QC151201soil

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Sample Spike and Sample Duplicate

Client: Alpha Analytical

Project Reference: L1531215

SDG #: 5096-01

Lab Project ID: 155096

Lab Sample ID: 155096-05

Sample Identifier: SB-IRM4-102-SUBS

Matrix: Soil

Date Sampled: 11/24/2015

Date Received: 12/1/2015

Metals

<u>Analyte</u>	<u>Sample Results</u>	<u>Result Units</u>	<u>Spike Added</u>	<u>Spike Result</u>	<u>Spike % Recovery</u>	<u>% Rec Limits</u>	<u>Spike Outliers</u>	<u>Duplicate Result</u>	<u>Relative % Difference</u>	<u>RPD Limit</u>	<u>RPD Outliers</u>	<u>Date Analyzed</u>
Zirconium	10.2	mg/Kg	120	103	77.4	75 - 125		9.71	5.01	20		12/3/2015

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 12/1/2015
Data File: 120315ar
120315a
QC Batch ID: QC151201soil

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Thursday, December 03, 2015



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Zr Soil 1/2 RL MDL

Instrument: ICP

Run Date: 12/11/2015

Run Name: 121115br

Blank: <0.100ppm

Spike concentration(ppm): 0.05			Reporting Limit / LOQ (mg/kg) 5
X ₁	0.0512	ppm	2.558 mg/kg
X ₂	0.0519	ppm	2.593 mg/kg
X ₃	0.0504	ppm	2.52 mg/kg
X ₄	0.0511	ppm	2.555 mg/kg
X ₅	0.0495	ppm	2.474 mg/kg
X ₆	0.0527	ppm	2.633 mg/kg
X ₇	0.0491	ppm	2.455 mg/kg
MDL (LOD) = 0.0040 ppm			MDL (LOD) = 0.1985 mg/kg
MDL requirements:			Evaluation:
Is the MDL less than the reporting limit?			YES(passes)
Is the MDL greater than 1/10 the spike concentration?			NO(fails)
Is the MDL less than the spike concentration?			YES(passes)

MDL EVALUATION: **MDL Fails**

13-IN
ICP ANALYSIS RUN LOG

Lab Name: Paradigm Environmental
Client: Alpha Analytical
Client Job Site: L1531215

Lab Project No.: 155096
Method: EPA 6010
Start Date: 12/03/2015
End Date: 12/03/2015

Client Job No.: N/A
Instrument ID: ICP PE 7300DV

Run No.: 120315ar

[illegible]

13-IN
ICP ANALYSIS RUN LOG

Lab Name: Paradigm Environmental

Client: Alpha Analytical

Client Job Site: L1531215

Lab Project No.: 155096

Method: EPA 6010

Start Date: 12/03/2015

End Date: 12/03/2015

Client Job No.: N/A

Instrument ID: ICP PE 7300DVRun No.: 120315ar[illegible]

5096 ASD Cat B

Analyst: Amro

Sample ID	Initial Sample Wt	Wt Units	Initial Sample Vol	Vol Units	Elem	Conc (Calib)	Calib Units	Result	Conc (Samp)	Samp Units	QC Recov	Spec Value
Calib Blank 1		g		mL	Zr		mg/L	Rerun @ Diln'		mg/L		
Low Level Cal		g		mL	Zr		mg/L	Rerun @ Diln'		mg/L		
Mid Level Cal		g		mL	Zr		mg/L	Rerun @ Diln'		mg/L		
High Level Cal		g		mL	Zr		mg/L	Rerun @ Diln'		mg/L		
ICV		g		mL	Zr	2.1628	mg/L		2.1628	mg/L	108.1	
ICB		g		mL	Zr	0.0081	mg/L	<0.100	0.0081	mg/L		
LLQC		g		mL	Zr	0.0976	mg/L		0.0976	mg/L	97.6	
ICSAB		g		mL	Zr	0.0068	mg/L		0.0068	mg/L		
CCV		g		mL	Zr	2.1521	mg/L		2.1521	mg/L	107.6	
CCB		g		mL	Zr	0.0069	mg/L	<0.100	0.0069	mg/L		
Blk 12/1 soil		g	50	mL	Zr	0.0036	mg/L	<0.100	0.0036	mg/L		
lcs		g	50	mL	Zr	2.1052	mg/L		2.1052	mg/L	105.3%	
lcs dup		g	50	mL	Zr	2.1103	mg/L		2.1103	mg/L	105.5%	
155096-01		g	1	mL	Zr	0.1578	mg/L		7.8904	mg/L		
155096-02		g	1.05	mL	Zr	0.1143	mg/L		5.4443	mg/L		
155096-03		g	1.01	mL	Zr	0.1349	mg/L		6.6802	mg/L		
155096-04		g	1.04	mL	Zr	0.1341	mg/L		6.4461	mg/L		
155096-05		g	1.05	mL	Zr	0.1740	mg/L		8.2873	mg/L		
155096-05 dup		g	1.09	mL	Zr	0.1718	mg/L		7.8803	mg/L	5.4%	
155096-05 spk		g	1.03	mL	Zr	1.7186	mg/L		83.4250	mg/L	77.4%	
CCV		g		mL	Zr	2.1066	mg/L		2.1066	mg/L	105.3	
CCB		g		mL	Zr	0.0074	mg/L	<0.100	0.0074	mg/L		
155078-01		g	1.03	mL	Zr	0.0207	mg/L		1.0060	mg/L		
155078-02		g	1.11	mL	Zr	0.0181	mg/L		0.8164	mg/L		
155078-01		g	1.03	mL	Zr	0.0045	mg/L		0.2164	mg/L		
155078-02		g	1.11	mL	Zr	0.0042	mg/L		0.1900	mg/L		
155078-03		g	1.11	mL	Zr	0.0036	mg/L		0.1627	mg/L		
155078-04		g	1.01	mL	Zr	0.0033	mg/L		0.1635	mg/L		

* radial DL, _____

This worksheet does not correct for dry weights.

Reviewed By: _____

155078-05	g	1.08	mL	Zr	0.0033	mg/L	0.1512	mg/L	
155078-06	g	1.08	mL	Zr	0.0024	mg/L	0.1114	mg/L	
CCV	g		mL	Zr	2.0802	mg/L	2.0802	mg/L	104.0
CCB	g		mL	Zr	0.0074	mg/L	<0.100	0.0074	mg/L
Blk 11/28 ww	g	50	mL	Zr	0.0002	mg/L	<0.100	0.0002	mg/L
lcs	g	50	mL	Zr	0.0033	mg/L	0.0033	mg/L	0.2%
lcs dup	g	50	mL	Zr	0.0013	mg/L	0.0013	mg/L	0.1%
155068-01	g	50	mL	Zr	0.0005	mg/L	0.0002	mg/L	
155069-01	g	50	mL	Zr	0.0007	mg/L	0.0004	mg/L	
155069-01	g	50	mL	Zr	0.0005	mg/L	0.0002	mg/L	
LLQC	g		mL	Zr	0.0914	mg/L	0.0914	mg/L	91.4
CCV	g		mL	Zr	2.0225	mg/L	2.0225	mg/L	101.1
CCB	g		mL	Zr	0.0072	mg/L	<0.100	0.0072	mg/L

* radial DL, _____

This worksheet does not correct for dry weights.

Reviewed By: _____

Reprocessed to adjust Zr peak to the middle of the peak

Reprocessing Begun

Logged In Analyst: icp3

Technique: ICP Continuous

Results Data Set (original): 120315a

Results Library (original): C:\Users\Public\PerkinElmer\ICP\Data\Results\Dec2015.mdb

Results Data Set (reprocessed): 120315ar

Results Library (reprocessed): C:\Users\Public\PerkinElmer\ICP\Data\Results\Dec2015.mdb

Method Loaded

Method Name: Sulfur + Zr

IEC File:

Method Description: Sulfur + Zr

Method Last Saved: 12/3/2015 12:52:42 PM

MSF File:

Analyte	Calibration Equation	Processing	View	Internal Standard	IEC
S 181.975	Lin Thru 0	Peak Area	Radial	Y 371.029	No
Y 371.029	Lin, Calc Int	Peak Area	Axial	n/a	n/a
Zr 343.823	Lin Thru 0	Peak Area	Axial	Y 371.029	No
Zr 339.197	Lin Thru 0	Peak Area	Axial	Y 371.029	No

Sequence No.: 1

Sample ID: Calib Blank 1

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 1

Date Collected: 12/3/2015 8:41:17 AM

Data Type: Reprocessed on 12/3/2015 12:54:01 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	328.0 kPa	0.55 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units
Y 371.029	1164356.4	759.12	0.07%	1.000 mg/L
S 181.975†	4.3	0.08	1.98%	[0.00] mg/L
Zr 343.823†	31.1	141.18	453.51%	[0.00] mg/L
Zr 339.197†	-411.2	22.53	5.48%	[0.00] mg/L

Sequence No.: 2

Sample ID: Low Level Cal

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 2

Date Collected: 12/3/2015 8:44:11 AM

Data Type: Reprocessed on 12/3/2015 12:54:02 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: Low Level Cal

Analyte	Back Pressure	Flow
All	329.0 kPa	0.55 L/min

Mean Data: Low Level Cal

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units
Y 371.029	1160479.7	475.36	0.04%	0.9967 mg/L
S 181.975†	30.3	0.57	1.87%	[0.500] mg/L
Zr 343.823†	31945.9	78.32	0.25%	[0.1] mg/L
Zr 339.197†	37202.7	34.48	0.09%	[0.1] mg/L

Sequence No.: 3

Sample ID: Mid Level Cal

Analyst:

Autosampler Location: 3

Date Collected: 12/3/2015 8:47:02 AM

Data Type: Reprocessed on 12/3/2015 12:54:02 PM

Method: Sulfur + Zr

Page 2

Date: 12/3/2015 12:54:03 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: Mid Level Cal

Analyte	Back Pressure	Flow
All	329.0 kPa	0.55 L/min

Mean Data: Mid Level Cal

Analyte	Mean Corrected	Std.Dev.	RSD	Calib
	Intensity			Conc. Units
Y 371.029	1138221.1	11891.62	1.04%	0.9776 mg/L
S 181.975†	56.2	1.06	1.89%	[1.000] mg/L
Zr 343.823†	329704.8	118.68	0.04%	[1] mg/L
Zr 339.197†	383587.8	397.41	0.10%	[1] mg/L

=====

Sequence No.: 4

Autosampler Location: 4

Sample ID: High Level Cal

Date Collected: 12/3/2015 8:49:54 AM

Analyst:

Data Type: Reprocessed on 12/3/2015 12:54:02 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: High Level Cal

Analyte	Back Pressure	Flow
All	330.0 kPa	0.55 L/min

Mean Data: High Level Cal

Analyte	Mean Corrected	Std.Dev.	RSD	Calib
	Intensity			Conc. Units
Y 371.029	1136264.3	7035.10	0.62%	0.9759 mg/L
S 181.975†	295.6	1.80	0.61%	[5.000] mg/L
Zr 343.823†	1722180.1	1101.28	0.06%	[5] mg/L
Zr 339.197†	2002713.1	1637.49	0.08%	[5] mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
S 181.975	3	Lin Thru 0	0.0	59.02	0.00000	0.999952	
Zr 343.823	3	Lin Thru 0	0.0	343900	0.00000	0.999965	
Zr 339.197	3	Lin Thru 0	0.0	399900	0.00000	0.999966	

=====

Sequence No.: 5

Autosampler Location: 5

Sample ID: ICV

Date Collected: 12/3/2015 8:52:48 AM

Analyst:

Data Type: Reprocessed on 12/3/2015 12:54:03 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: ICV

Analyte	Back Pressure	Flow
All	330.0 kPa	0.55 L/min

Mean Data: ICV

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1097736.0	0.9428 mg/L	0.00169			0.18%
S 181.975†	119.4	2.022 mg/L	0.0228	2.022 mg/L	0.0228	1.13%
QC value within limits for S 181.975 Recovery = 101.11%						
Zr 343.823†	743696.8	2.163 mg/L	0.0016	2.163 mg/L	0.0016	0.07%

Method: Sulfur + Zr

Page 3

Date: 12/3/2015 12:54:03 PM

QC value within limits for Zr 343.823 Recovery = 108.14%
 Zr 339.197† 863744.6 2.160 mg/L 0.0012 2.160 mg/L 0.0012 0.05%
 QC value within limits for Zr 339.197 Recovery = 108.00%
 All analyte(s) passed QC.

Sequence No.: 6 Autosampler Location: 1
 Sample ID: ICB Date Collected: 12/3/2015 8:55:42 AM
 Analyst: Data Type: Reprocessed on 12/3/2015 12:54:03 PM
 Logged In Analyst (Original) : icp3
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:
 Wash Time:

Nebulizer Parameters: ICB

Analyte	Back Pressure	Flow
All	331.0 kPa	0.55 L/min

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1192262.8	1.024 mg/L	0.0010			0.10%
S 181.975†	-1.9	-0.0315 mg/L	0.04290	-0.0315 mg/L	0.04290	136.01%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2791.4	0.0081 mg/L	0.00015	0.0081 mg/L	0.00015	1.81%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	3262.2	0.0082 mg/L	0.00048	0.0082 mg/L	0.00048	5.83%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

Sequence No.: 7 Autosampler Location: 2
 Sample ID: LLQC Date Collected: 12/3/2015 8:58:36 AM
 Analyst: Data Type: Reprocessed on 12/3/2015 12:54:03 PM
 Logged In Analyst (Original) : icp3
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:
 Wash Time:

Nebulizer Parameters: LLQC

Analyte	Back Pressure	Flow
All	331.0 kPa	0.55 L/min

Mean Data: LLQC

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1186471.8	1.019 mg/L	0.0037			0.36%
S 181.975†	29.5	0.4992 mg/L	0.06481	0.4992 mg/L	0.06481	12.98%
QC value within limits for S 181.975 Recovery = 99.84%						
Zr 343.823†	33548.9	0.0976 mg/L	0.00015	0.0976 mg/L	0.00015	0.15%
QC value within limits for Zr 343.823 Recovery = 97.57%						
Zr 339.197†	39059.7	0.0977 mg/L	0.00002	0.0977 mg/L	0.00002	0.02%
QC value within limits for Zr 339.197 Recovery = 97.68%						
All analyte(s) passed QC.						

Sequence No.: 8 Autosampler Location: 8
 Sample ID: ICSAB Date Collected: 12/3/2015 9:01:26 AM
 Analyst: Data Type: Reprocessed on 12/3/2015 12:54:03 PM
 Logged In Analyst (Original) : icp3
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:
 Wash Time:

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	331.0 kPa	0.55 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1108532.1	0.9521 mg/L	0.00528			0.55%
S 181.975†	-1.4	-0.0236 mg/L	0.06252	-0.0236 mg/L	0.06252	264.78%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2344.5	0.0068 mg/L	0.00090	0.0068 mg/L	0.00090	13.26%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	-1522.2	-0.0038 mg/L	0.00008	-0.0038 mg/L	0.00008	1.99%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

=====

Sequence No.: 9

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 5

Date Collected: 12/3/2015 9:04:22 AM

Data Type: Reprocessed on 12/3/2015 12:54:03 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1117012.4	0.9593 mg/L	0.00938			0.98%
S 181.975†	117.5	1.991 mg/L	0.0116	1.991 mg/L	0.0116	0.58%
QC value within limits for S 181.975 Recovery = 99.54%						
Zr 343.823†	740018.0	2.152 mg/L	0.0027	2.152 mg/L	0.0027	0.12%
QC value within limits for Zr 343.823 Recovery = 107.60%						
Zr 339.197†	859874.9	2.150 mg/L	0.0040	2.150 mg/L	0.0040	0.19%
QC value within limits for Zr 339.197 Recovery = 107.52%						
All analyte(s) passed QC.						

=====

Sequence No.: 10

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 1

Date Collected: 12/3/2015 9:07:17 AM

Data Type: Reprocessed on 12/3/2015 12:54:03 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1199581.6	1.030 mg/L	0.0019			0.18%
S 181.975†	-4.4	-0.0741 mg/L	0.05182	-0.0741 mg/L	0.05182	69.97%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2364.0	0.0069 mg/L	0.00031	0.0069 mg/L	0.00031	4.56%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2808.1	0.0070 mg/L	0.00035	0.0070 mg/L	0.00035	4.93%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

=====

Sequence No.: 11

Sample ID: Blk 12/1 soil

Analyst: AMM

Autosampler Location: 38

Date Collected: 12/3/2015 9:10:11 AM

Data Type: Reprocessed on 12/3/2015 12:54:03 PM

Method: Sulfur + Zr

Page 5

Date: 12/3/2015 12:54:04 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: Blk 12/1 soil

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: Blk 12/1 soil

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1217458.9	1.046 mg/L	0.0066			0.63%
S 181.975†	2.6	0.0440 mg/L	0.06464	0.0440 mg/L	0.06464	146.78%
Zr 343.823†	1253.6	0.0036 mg/L	0.00022	0.0036 mg/L	0.00022	6.16%
Zr 339.197†	1453.2	0.0036 mg/L	0.00055	0.0036 mg/L	0.00055	15.22%

=====

Sequence No.: 12

Autosampler Location: 39

Sample ID: lcs

Date Collected: 12/3/2015 9:13:07 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: lcs

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1147773.5	0.9858 mg/L	0.00833			0.84%
S 181.975†	133.9	2.269 mg/L	0.0497	2.269 mg/L	0.0497	2.19%
Zr 343.823†	723891.7	2.105 mg/L	0.0039	2.105 mg/L	0.0039	0.19%
Zr 339.197†	842256.1	2.106 mg/L	0.0036	2.106 mg/L	0.0036	0.17%

=====

Sequence No.: 13

Autosampler Location: 40

Sample ID: lcs dup

Date Collected: 12/3/2015 9:15:59 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: lcs dup

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: lcs dup

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1139498.5	0.9787 mg/L	0.00422			0.43%
S 181.975†	132.4	2.242 mg/L	0.0694	2.242 mg/L	0.0694	3.10%
Zr 343.823†	725659.9	2.110 mg/L	0.0008	2.110 mg/L	0.0008	0.04%
Zr 339.197†	844137.8	2.111 mg/L	0.0022	2.111 mg/L	0.0022	0.10%

=====

Sequence No.: 14

Autosampler Location: 41

Sample ID: 155096-01

Date Collected: 12/3/2015 9:18:52 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 1 mL

Dilution:

Sample Prep Vol: 50 mL

Method: Sulfur + Zr

Page 6

Date: 12/3/2015 12:54:04 PM

Wash Time:

Nebulizer Parameters: 155096-01

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-01

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1393292.4	1.197 mg/L	0.0105			0.88%
S 181.975†	12.6	0.2130 mg/L	0.00118	10.65 mg/L	0.059	0.56%
Zr 343.823†	54263.6	0.1578 mg/L	0.00140	7.890 mg/L	0.0702	0.89%
Zr 339.197†	45888.1	0.1148 mg/L	0.00087	5.738 mg/L	0.0437	0.76%

Sequence No.: 15

Sample ID: 155096-02

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 42

Date Collected: 12/3/2015 9:21:44 AM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Initial Sample Vol: 1.05 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155096-02

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-02

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1359604.5	1.168 mg/L	0.0009			0.08%
S 181.975†	34.5	0.5844 mg/L	0.04825	27.83 mg/L	2.298	8.26%
Zr 343.823†	39313.7	0.1143 mg/L	0.00055	5.444 mg/L	0.0262	0.48%
Zr 339.197†	30812.7	0.0771 mg/L	0.00094	3.669 mg/L	0.0448	1.22%

Sequence No.: 16

Sample ID: 155096-03

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 43

Date Collected: 12/3/2015 9:24:36 AM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Initial Sample Vol: 1.01 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155096-03

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-03

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1424060.6	1.223 mg/L	0.0082			0.67%
S 181.975†	21.3	0.3603 mg/L	0.01531	17.84 mg/L	0.758	4.25%
Zr 343.823†	46400.7	0.1349 mg/L	0.00092	6.680 mg/L	0.0454	0.68%
Zr 339.197†	38798.6	0.0970 mg/L	0.00082	4.803 mg/L	0.0405	0.84%

Sequence No.: 17

Sample ID: 155096-04

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 44

Date Collected: 12/3/2015 9:27:27 AM

Data Type: Reprocessed on 12/3/2015 12:54:04 PM

Initial Sample Vol: 1.04 mL

Sample Prep Vol: 50 mL

Method: Sulfur + Zr

Page 7

Date: 12/3/2015 12:54:05 PM

Nebulizer Parameters: 155096-04

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-04

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1379932.0	1.185 mg/L	0.0089			0.75%
S 181.975†	21.3	0.3616 mg/L	0.05497	17.39 mg/L	2.643	15.20%
Zr 343.823†	46104.1	0.1341 mg/L	0.00044	6.446 mg/L	0.0214	0.33%
Zr 339.197†	39153.9	0.0979 mg/L	0.00029	4.707 mg/L	0.0142	0.30%

Sequence No.: 18

Autosampler Location: 45

Sample ID: 155096-05

Date Collected: 12/3/2015 9:30:19 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 1.05 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: 155096-05

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-05

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1376192.4	1.182 mg/L	0.0057			0.48%
S 181.975†	24.0	0.4059 mg/L	0.06180	19.33 mg/L	2.943	15.23%
Zr 343.823†	59843.3	0.1740 mg/L	0.00069	8.287 mg/L	0.0330	0.40%
Zr 339.197†	53361.0	0.1334 mg/L	0.00049	6.354 mg/L	0.0231	0.36%

Sequence No.: 19

Autosampler Location: 46

Sample ID: 155096-05 dup

Date Collected: 12/3/2015 9:33:11 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 1.09 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: 155096-05 dup

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-05 dup

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1363063.5	1.171 mg/L	0.0135			1.15%
S 181.975†	30.3	0.5132 mg/L	0.01279	23.54 mg/L	0.587	2.49%
Zr 343.823†	59072.0	0.1718 mg/L	0.00028	7.880 mg/L	0.0128	0.16%
Zr 339.197†	51781.0	0.1295 mg/L	0.00104	5.940 mg/L	0.0476	0.80%

Sequence No.: 20

Autosampler Location: 47

Sample ID: 155096-05 spk

Date Collected: 12/3/2015 9:36:03 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 1.03 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time:

Nebulizer Parameters: 155096-05 spk

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155096-05 spk

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1301997.7	1.118 mg/L	0.0157			1.41%
S 181.975†	152.4	2.582 mg/L	0.0573	125.3 mg/L	2.78	2.22%
Zr 343.823†	590942.2	1.719 mg/L	0.0062	83.42 mg/L	0.299	0.36%
Zr 339.197†	670186.1	1.676 mg/L	0.0060	81.36 mg/L	0.290	0.36%

=====

Sequence No.: 21

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 5

Date Collected: 12/3/2015 9:38:57 AM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1152658.3	0.9900 mg/L	0.00520			0.52%
S 181.975†	125.0	2.117 mg/L	0.0481	2.117 mg/L	0.0481	2.27%
QC value within limits for S 181.975 Recovery = 105.86%						
Zr 343.823†	724375.1	2.107 mg/L	0.0009	2.107 mg/L	0.0009	0.04%
QC value within limits for Zr 343.823 Recovery = 105.33%						
Zr 339.197†	842407.9	2.107 mg/L	0.0003	2.107 mg/L	0.0003	0.01%
QC value within limits for Zr 339.197 Recovery = 105.33%						

All analyte(s) passed QC.

=====

Sequence No.: 22

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 1

Date Collected: 12/3/2015 9:41:51 AM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1233164.6	1.059 mg/L	0.0011			0.10%
S 181.975†	1.8	0.0305 mg/L	0.02145	0.0305 mg/L	0.02145	70.34%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2543.5	0.0074 mg/L	0.00002	0.0074 mg/L	0.00002	0.21%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2972.3	0.0074 mg/L	0.00008	0.0074 mg/L	0.00008	1.09%
QC value within limits for Zr 339.197 Recovery = Not calculated						

All analyte(s) passed QC.

=====

Sequence No.: 23

Sample ID: 155078-01

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 48

Date Collected: 12/3/2015 9:44:45 AM

Data Type: Reprocessed on 12/3/2015 12:54:05 PM

Initial Sample Vol: 1.03 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155078-01

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-01

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1193547.0	1.025 mg/L	0.0063			0.61%
S 181.975†	485.8	8.231 mg/L	0.0417	399.6 mg/L	2.02	0.51%
Zr 343.823†	7125.8	0.0207 mg/L	0.00051	1.006 mg/L	0.0250	2.48%
Zr 339.197†	8243.4	0.0206 mg/L	0.00045	1.001 mg/L	0.0220	2.20%

Sequence No.: 24

Sample ID: 155078-02

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 49

Date Collected: 12/3/2015 9:47:43 AM

Data Type: Reprocessed on 12/3/2015 12:54:06 PM

Initial Sample Vol: 1.11 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155078-02

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-02

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1197407.5	1.028 mg/L	0.0049			0.48%
S 181.975†	449.3	7.612 mg/L	0.0538	342.9 mg/L	2.42	0.71%
Zr 343.823†	6232.1	0.0181 mg/L	0.00083	0.8164 mg/L	0.03756	4.60%
Zr 339.197†	7416.7	0.0185 mg/L	0.00069	0.8355 mg/L	0.03089	3.70%

Sequence No.: 25

Sample ID: 155078-01

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution: *Sf*

Wash Time:

Autosampler Location: 48

Date Collected: 12/3/2015 9:50:20 AM

Data Type: Reprocessed on 12/3/2015 12:54:06 PM

Initial Sample Vol: 1.03 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155078-01

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-01

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1249730.0	1.073 mg/L	0.0000			0.00%
S 181.975†	95.4	1.616 mg/L	0.0922	78.45 mg/L	4.477	5.71%
Zr 343.823†	1532.6	0.0045 mg/L	0.00019	0.2164 mg/L	0.00903	4.18%
Zr 339.197†	1928.7	0.0048 mg/L	0.00025	0.2341 mg/L	0.01200	5.13%

Sequence No.: 26

Sample ID: 155078-02

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution: *Sf*

Wash Time:

Autosampler Location: 49

Date Collected: 12/3/2015 9:53:17 AM

Data Type: Reprocessed on 12/3/2015 12:54:06 PM

Initial Sample Vol: 1.11 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155078-02

Method: Sulfur + Zr

Page 10

Date: 12/3/2015 12:54:07 PM

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-02

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1243062.0	1.068 mg/L	0.0057			0.53%
S 181.975†	87.6	1.484 mg/L	0.0118	66.83 mg/L	0.529	0.79%
Zr 343.823†	1450.3	0.0042 mg/L	0.00004	0.1900 mg/L	0.00164	0.86%
Zr 339.197†	1576.3	0.0039 mg/L	0.00008	0.1776 mg/L	0.00373	2.10%

=====

Sequence No.: 27	Autosampler Location: 50
Sample ID: 155078-03	Date Collected: 12/3/2015 9:56:14 AM
Analyst: AMM	Data Type: Reprocessed on 12/3/2015 12:54:06 PM
Logged In Analyst (Original) : icp3	
Initial Sample Wt:	Initial Sample Vol: 1.11 mL
Dilution: 5†	Sample Prep Vol: 50 mL
Wash Time:	

Nebulizer Parameters: 155078-03

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-03

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1237902.7	1.063 mg/L	0.0003			0.03%
S 181.975†	135.9	2.303 mg/L	0.0594	103.7 mg/L	2.68	2.58%
Zr 343.823†	1242.2	0.0036 mg/L	0.00015	0.1627 mg/L	0.00663	4.07%
Zr 339.197†	1493.9	0.0037 mg/L	0.00025	0.1683 mg/L	0.01133	6.73%

=====

Sequence No.: 28	Autosampler Location: 51
Sample ID: 155078-04	Date Collected: 12/3/2015 9:59:10 AM
Analyst: AMM	Data Type: Reprocessed on 12/3/2015 12:54:06 PM
Logged In Analyst (Original) : icp3	
Initial Sample Wt:	Initial Sample Vol: 1.01 mL
Dilution: 5†	Sample Prep Vol: 50 mL
Wash Time:	

Nebulizer Parameters: 155078-04

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-04

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1256240.7	1.079 mg/L	0.0008			0.08%
S 181.975†	59.1	1.001 mg/L	0.0267	49.55 mg/L	1.324	2.67%
Zr 343.823†	1135.4	0.0033 mg/L	0.00012	0.1635 mg/L	0.00615	3.76%
Zr 339.197†	1400.8	0.0035 mg/L	0.00021	0.1734 mg/L	0.01052	6.07%

=====

Sequence No.: 29	Autosampler Location: 52
Sample ID: 155078-05	Date Collected: 12/3/2015 10:02:06 AM
Analyst: AMM	Data Type: Reprocessed on 12/3/2015 12:54:06 PM
Logged In Analyst (Original) : icp3	
Initial Sample Wt:	Initial Sample Vol: 1.08 mL
Dilution: 5†	Sample Prep Vol: 50 mL
Wash Time:	

Nebulizer Parameters: 155078-05

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-05

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1239505.8	1.065 mg/L	0.0016				0.15%
S 181.975†	150.6	2.552 mg/L	0.0023		118.1 mg/L	0.11	0.09%
Zr 343.823†	1123.2	0.0033 mg/L	0.00047		0.1512 mg/L	0.02174	14.37%
Zr 339.197†	1225.4	0.0031 mg/L	0.00022		0.1419 mg/L	0.01006	7.09%

Sequence No.: 30

Sample ID: 155078-06

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 53

Date Collected: 12/3/2015 10:05:02 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol: 1.08 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: 155078-06

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-06

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1248047.9	1.072 mg/L	0.0073				0.68%
S 181.975†	49.8	0.8430 mg/L	0.00237		39.03 mg/L	0.110	0.28%
Zr 343.823†	827.6	0.0024 mg/L	0.00037		0.1114 mg/L	0.01715	15.39%
Zr 339.197†	977.1	0.0024 mg/L	0.00018		0.1131 mg/L	0.00812	7.18%

Sequence No.: 31

Sample ID: CCV

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 5

Date Collected: 12/3/2015 10:07:58 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1163131.0	0.9989 mg/L	0.00551				0.55%
S 181.975†	118.7	2.011 mg/L	0.1273		2.011 mg/L	0.1273	6.33%
QC value within limits for S 181.975 Recovery = 100.56%							
Zr 343.823†	715288.7	2.080 mg/L	0.0039		2.080 mg/L	0.0039	0.19%
QC value within limits for Zr 343.823 Recovery = 104.01%							
Zr 339.197†	831147.4	2.078 mg/L	0.0041		2.078 mg/L	0.0041	0.19%
QC value within limits for Zr 339.197 Recovery = 103.92%							
All analyte(s) passed QC.							

Sequence No.: 32

Sample ID: CCB

Analyst:

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 1

Date Collected: 12/3/2015 10:10:53 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol:

Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1246310.2	1.070 mg/L	0.0020			0.18%
S 181.975†	-1.2	-0.0202 mg/L	0.01460	-0.0202 mg/L	0.01460	72.10%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2551.5	0.0074 mg/L	0.00003	0.0074 mg/L	0.00003	0.36%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2920.9	0.0073 mg/L	0.00010	0.0073 mg/L	0.00010	1.43%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

=====

Sequence No.: 33

Sample ID: Blk 11/28 ww

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 54

Date Collected: 12/3/2015 10:13:47 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol: 50 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: Blk 11/28 ww

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: Blk 11/28 ww

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1345667.1	1.156 mg/L	0.0052			0.45%
S 181.975†	-1.4	-0.0235 mg/L	0.03585	-0.0235 mg/L	0.03585	152.60%
Zr 343.823†	78.6	0.0002 mg/L	0.00002	0.0002 mg/L	0.00002	7.81%
Zr 339.197†	99.2	0.0002 mg/L	0.00020	0.0002 mg/L	0.00020	79.12%

=====

Sequence No.: 34

Sample ID: lcs

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 55

Date Collected: 12/3/2015 10:16:43 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol: 50 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: lcs

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1322630.0	1.136 mg/L	0.0052			0.45%
S 181.975†	120.2	2.036 mg/L	0.0061	2.036 mg/L	0.0061	0.30%
Zr 343.823†	1124.8	0.0033 mg/L	0.00062	0.0033 mg/L	0.00062	18.87%
Zr 339.197†	2434.3	0.0061 mg/L	0.00016	0.0061 mg/L	0.00016	2.68%

=====

Sequence No.: 35

Sample ID: lcs dup

Analyst: AMM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Dilution:

Wash Time:

Autosampler Location: 56

Date Collected: 12/3/2015 10:19:39 AM

Data Type: Reprocessed on 12/3/2015 12:54:07 PM

Initial Sample Vol: 50 mL

Sample Prep Vol: 50 mL

Nebulizer Parameters: lcs dup

Analyte	Back Pressure	Flow

Method: Sulfur + Zr

Page 13

Date: 12/3/2015 12:54:08 PM

All 335.0 kPa 0.55 L/min

Mean Data: lcs dup

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1302316.9	1.118 mg/L	0.0051			0.45%	
S 181.975†	120.7	2.045 mg/L	0.0628	2.045 mg/L	0.0628	3.07%	
Zr 343.823†	448.4	0.0013 mg/L	0.00046	0.0013 mg/L	0.00046	35.29%	
Zr 339.197†	1628.3	0.0041 mg/L	0.00017	0.0041 mg/L	0.00017	4.26%	

Sequence No.: 36

Autosampler Location: 57

Sample ID: 155068-01

Date Collected: 12/3/2015 10:22:35 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution: 10†

Sample Prep Vol: 25 mL

Wash Time:

Nebulizer Parameters: 155068-01

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: 155068-01

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1230884.8	1.057 mg/L	0.0102			0.96%	
S 181.975†	202.4	3.429 mg/L	0.0909	1.714 mg/L	0.0455	2.65%	
Zr 343.823†	166.2	0.0005 mg/L	0.00036	0.0002 mg/L	0.00018	73.60%	
Zr 339.197†	177.9	0.0004 mg/L	0.00048	0.0002 mg/L	0.00024	107.93%	

Sequence No.: 37

Autosampler Location: 58

Sample ID: 155069-01

Date Collected: 12/3/2015 10:25:31 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution: 10†

Sample Prep Vol: 25 mL

Wash Time:

Nebulizer Parameters: 155069-01

Analyte	Back Pressure	Flow
All	345.0 kPa	0.55 L/min

Mean Data: 155069-01

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1253774.9	1.077 mg/L	0.0072			0.67%	
S 181.975†	3007.1	50.95 mg/L	0.280	25.47 mg/L	0.140	0.55%	
Zr 343.823†	249.9	0.0007 mg/L	0.00006	0.0004 mg/L	0.00003	8.84%	
Zr 339.197†	190.5	0.0005 mg/L	0.00041	0.0002 mg/L	0.00021	86.49%	

Sequence No.: 38

Autosampler Location: 58

Sample ID: 155069-01

Date Collected: 12/3/2015 10:30:27 AM

Analyst: AMM

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution: 50†

Sample Prep Vol: 25 mL

Wash Time:

Nebulizer Parameters: 155069-01

Analyte	Back Pressure	Flow
All	357.0 kPa	0.55 L/min

Method: Sulfur + Zr

Page 14

Date: 12/3/2015 12:54:08 PM

Mean Data: 155069-01

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1286542.3	1.105 mg/L	0.0039			0.35%
S 181.975†	60.4	1.023 mg/L	0.0164	0.5115 mg/L	0.00820	1.60%
Zr 343.823†	163.2	0.0005 mg/L	0.00036	0.0002 mg/L	0.00018	76.45%
Zr 339.197†	151.1	0.0004 mg/L	0.00026	0.0002 mg/L	0.00013	67.89%

Sequence No.: 39

Autosampler Location: 2

Sample ID: LLQC

Date Collected: 12/3/2015 10:33:22 AM

Analyst:

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: LLQC

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: LLQC

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1269625.2	1.090 mg/L	0.0112			1.03%
S 181.975†	30.1	0.5093 mg/L	0.08126	0.5093 mg/L	0.08126	15.95%
QC value within limits for S 181.975 Recovery = 101.87%						
Zr 343.823†	31427.1	0.0914 mg/L	0.00013	0.0914 mg/L	0.00013	0.14%
QC value within limits for Zr 343.823 Recovery = 91.40%						
Zr 339.197†	36482.9	0.0912 mg/L	0.00024	0.0912 mg/L	0.00024	0.26%
QC value within limits for Zr 339.197 Recovery = 91.23%						

All analyte(s) passed QC.

Sequence No.: 40

Autosampler Location: 5

Sample ID: CCV

Date Collected: 12/3/2015 10:36:14 AM

Analyst:

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1231155.5	1.057 mg/L	0.0091			0.86%
S 181.975†	122.1	2.069 mg/L	0.0590	2.069 mg/L	0.0590	2.85%
QC value within limits for S 181.975 Recovery = 103.44%						
Zr 343.823†	695442.1	2.022 mg/L	0.0072	2.022 mg/L	0.0072	0.36%
QC value within limits for Zr 343.823 Recovery = 101.12%						
Zr 339.197†	809489.5	2.024 mg/L	0.0063	2.024 mg/L	0.0063	0.31%
QC value within limits for Zr 339.197 Recovery = 101.22%						

All analyte(s) passed QC.

Sequence No.: 41

Autosampler Location: 1

Sample ID: CCB

Date Collected: 12/3/2015 10:39:08 AM

Analyst:

Data Type: Reprocessed on 12/3/2015 12:54:08 PM

Logged In Analyst (Original) : icp3

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Method: Sulfur + Zr

Page 15

Date: 12/3/2015 12:54:09 PM

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1282098.1	1.101 mg/L	0.0142			1.29%
S 181.975†	0.3	0.0054 mg/L	0.03339	0.0054 mg/L	0.03339	617.59%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2467.2	0.0072 mg/L	0.00030	0.0072 mg/L	0.00030	4.19%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2842.0	0.0071 mg/L	0.00001	0.0071 mg/L	0.00001	0.18%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

Analytical Sequence

Method : Sulfur + Zr

Seq.	Loc.	Sample ID
1	1	Calib Blank 1
2	2	Low Level Cal
3	3	Mid Level Cal
4	4	High Level Cal
5	5	ICV
6	1	ICB
7	2	LLQC
8	8	ICSAB
9	5	CCV
10	1	CCB
11	38	Blk 12/1 soil
12	39	ics
13	40	ics dup
14	41	155096-01
15	42	155096-02
16	43	155096-03
17	44	155096-04
18	45	155096-05
19	46	155096-05 dup
20	47	155096-05 spk
21	2	~~LLQC~~
22	5	CCV
23	1	CCB
24	48	155078-01 $\frac{1}{3}$
25	49	155078-02
26	50	155078-03
27	51	155078-04
28	52	155078-05
29	53	155078-06 ↓
30	5	CCV
31	1	CCB
32	54	Blk 11/28 ww
33	55	ics
34	56	ics dup
35	57	155068-01 $\frac{1}{10}$
36	58	155069-01 $\frac{1}{500}$
37	2	LLQC
38	5	CCV
39	1	CCB

=====
Analysis Begun

Start Time: 12/3/2015 8:40:59 AM

Plasma On Time: 12/3/2015 8:18:52 AM

Logged In Analyst: icp3

Technique: ICP Continuous

Spectrometer: Optima 7300 DV, S/N 077C0122002

Autosampler: S10

Sample Information File: C:\Users\Public\PerkinElmer\ICP\Data\Sample Information\120315a.sif

Batch ID: 120315a

Results Data Set: 120315a

Results Library: C:\Users\Public\PerkinElmer\ICP\Data\Results\Dec2015.mdb

=====
Method Loaded

Method Name: Sulfur + Zr

Method Last Saved: 12/3/2015 8:40:41 AM

IEC File:

MSF File:

Method Description: Sulfur + Zr

Analyte	Calibration Equation	Processing	View	Internal Standard	IEC
S 181.975	Lin Thru 0	Peak Area	Radial	Y 371.029	No
Y 371.029	Lin, Calc Int	Peak Area	Axial	n/a	n/a
Zr 343.823	Lin Thru 0	Peak Area	Axial	Y 371.029	No
Zr 339.197	Lin Thru 0	Peak Area	Axial	Y 371.029	No

Sequence No.: 1

Autosampler Location: 1

Sample ID: Calib Blank 1

Date Collected: 12/3/2015 8:41:17 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time:

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	328.0 kPa	0.55 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Y 371.029	1164356.4	759.12	0.07%	1.000 mg/L	
S 181.975†	4.3	0.08	1.98%	[0.00] mg/L	
Zr 343.823†	509.3	174.81	34.32%	[0.00] mg/L	
Zr 339.197†	-668.3	16.56	2.48%	[0.00] mg/L	

Sequence No.: 2

Autosampler Location: 2

Sample ID: Low Level Cal

Date Collected: 12/3/2015 8:44:11 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: Low Level Cal

Analyte	Back Pressure	Flow
All	328.0 kPa	0.55 L/min

Mean Data: Low Level Cal

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Y 371.029	1160479.7	475.36	0.04%	0.9967 mg/L	
S 181.975†	30.3	0.57	1.87%	[0.500] mg/L	
Zr 343.823†	26122.9	4.07	0.02%	[0.1] mg/L	
Zr 339.197†	29570.7	24.21	0.08%	[0.1] mg/L	

Sequence No.: 3

Autosampler Location: 3

Sample ID: Mid Level Cal

Date Collected: 12/3/2015 8:47:02 AM

Method: Sulfur + Zr

Page 2

Date: 12/3/2015 8:54:42 AM

Analyst: Data Type: Original
 Initial Sample Wt: Initial Sample Vol:
 Dilution: Sample Prep Vol:
 Wash Time: 50 Auto Dilution Factor: 1

Nebulizer Parameters: Mid Level Cal

Analyte Back Pressure Flow
 All 329.0 kPa 0.55 L/min

Mean Data: Mid Level Cal

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Y 371.029	1138221.1	11891.62	1.04%	0.9776 mg/L	
S 181.975†	56.2	1.06	1.89%	[1.000] mg/L	
Zr 343.823†	271913.8	222.33	0.08%	[1] mg/L	
Zr 339.197†	309016.2	1128.66	0.37%	[1] mg/L	

Sequence No.: 4

Autosampler Location: 4

Sample ID: High Level Cal

Date Collected: 12/3/2015 8:49:54 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: High Level Cal

Analyte Back Pressure Flow
 All 330.0 kPa 0.55 L/min

Mean Data: High Level Cal

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc. Units	Calib
Y 371.029	1136264.3	7035.10	0.62%	0.9759 mg/L	
S 181.975†	295.6	1.80	0.61%	[5.000] mg/L	
Zr 343.823†	1421974.6	3721.42	0.26%	[5] mg/L	
Zr 339.197†	1617480.7	2214.80	0.14%	[5] mg/L	

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
S 181.975	3	Lin Thru 0	0.0	59.02	0.00000	0.999952	
Zr 343.823	3	Lin Thru 0	0.0	283900	0.00000	0.999963	
Zr 339.197	3	Lin Thru 0	0.0	322900	0.00000	0.999961	

Sequence No.: 5

Autosampler Location: 5

Sample ID: ICV

Date Collected: 12/3/2015 8:52:48 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: ICV

Analyte Back Pressure Flow
 All 330.0 kPa 0.55 L/min

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1097736.0	0.9428 mg/L	0.00169			0.18%
S 181.975†	119.4	2.022 mg/L	0.0228	2.022 mg/L	0.0228	1.13%
QC value within limits for S 181.975 Recovery = 101.11%						
Zr 343.823†	610093.4	2.149 mg/L	0.0023	2.149 mg/L	0.0023	0.11%
QC value within limits for Zr 343.823 Recovery = 107.45%						
Zr 339.197†	691933.1	2.143 mg/L	0.0019	2.143 mg/L	0.0019	0.09%

Method: Sulfur + Zr

Page 3

Date: 12/3/2015 9:03:23 AM

QC value within limits for Zr 339.197 Recovery = 107.13%
 All analyte(s) passed QC.

```

=====
Sequence No.: 6                      Autosampler Location: 1
Sample ID: ICB                      Date Collected: 12/3/2015 8:55:42 AM
Analyst:                            Data Type: Original
Initial Sample Wt:                  Initial Sample Vol:
Dilution:                          Sample Prep Vol:
Wash Time: 50                      Auto Dilution Factor: 1
  
```

```

-----
Nebulizer Parameters: ICB
Analyte      Back Pressure  Flow
All          330.0 kPa      0.55 L/min
  
```

```

-----
Mean Data: ICB

```

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1192262.8	1.024 mg/L	0.0010			0.10%
S 181.975†	-1.9	-0.0315 mg/L	0.04290	-0.0315 mg/L	0.04290	136.01%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	2121.7	0.0075 mg/L	0.00049	0.0075 mg/L	0.00049	6.50%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2566.3	0.0079 mg/L	0.00009	0.0079 mg/L	0.00009	1.11%
QC value within limits for Zr 339.197 Recovery = Not calculated						
All analyte(s) passed QC.						

```

=====
Sequence No.: 7                      Autosampler Location: 2
Sample ID: LLQC                     Date Collected: 12/3/2015 8:58:36 AM
Analyst:                            Data Type: Original
Initial Sample Wt:                  Initial Sample Vol:
Dilution:                          Sample Prep Vol:
Wash Time: 50                      Auto Dilution Factor: 1
  
```

```

-----
Nebulizer Parameters: LLQC
Analyte      Back Pressure  Flow
All          331.0 kPa      0.55 L/min
  
```

```

-----
Mean Data: LLQC

```

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1186471.8	1.019 mg/L	0.0037			0.36%
S 181.975†	29.5	0.4992 mg/L	0.06481	0.4992 mg/L	0.06481	12.98%
QC value within limits for S 181.975 Recovery = 99.84%						
Zr 343.823†	27713.1	0.0976 mg/L	0.00041	0.0976 mg/L	0.00041	0.42%
QC value within limits for Zr 343.823 Recovery = 97.61%						
Zr 339.197†	31791.6	0.0984 mg/L	0.00003	0.0984 mg/L	0.00003	0.03%
QC value within limits for Zr 339.197 Recovery = 98.45%						
All analyte(s) passed QC.						

```

=====
Sequence No.: 8                      Autosampler Location: 8
Sample ID: ICSAB                     Date Collected: 12/3/2015 9:01:26 AM
Analyst:                            Data Type: Original
Initial Sample Wt:                  Initial Sample Vol:
Dilution:                          Sample Prep Vol:
Wash Time: 50                      Auto Dilution Factor: 1
  
```

```

-----
Nebulizer Parameters: ICSAB
Analyte      Back Pressure  Flow
All          331.0 kPa      0.55 L/min
  
```

```

-----
Mean Data: ICSAB

```

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD

Method: Sulfur + Zr

Page 4

Date: 12/3/2015 9:11:59 AM

Y 371.029 1108532.1 0.9521 mg/L 0.00528 0.55%
 S 181.975† -1.4 -0.0236 mg/L 0.06252 -0.0236 mg/L 0.06252 264.78%
 QC value within limits for S 181.975 Recovery = Not calculated
 Zr 343.823† 2123.8 0.0075 mg/L 0.00105 0.0075 mg/L 0.00105 14.00%
 QC value within limits for Zr 343.823 Recovery = Not calculated
 Zr 339.197† 22.4 0.0001 mg/L 0.00063 0.0001 mg/L 0.00063 910.64%
 QC value within limits for Zr 339.197 Recovery = Not calculated
 All analyte(s) passed QC.

Sequence No.: 9

Autosampler Location: 5

Sample ID: CCV

Date Collected: 12/3/2015 9:04:22 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	331.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1117012.4	0.9593 mg/L	0.00938			0.98%	
S 181.975†	117.5	1.991 mg/L	0.0116	1.991 mg/L	0.0116	0.58%	
QC value within limits for S 181.975 Recovery = 99.54%							
Zr 343.823†	607156.1	2.139 mg/L	0.0007	2.139 mg/L	0.0007	0.03%	
QC value within limits for Zr 343.823 Recovery = 106.93%							
Zr 339.197†	688437.4	2.132 mg/L	0.0029	2.132 mg/L	0.0029	0.14%	
QC value within limits for Zr 339.197 Recovery = 106.59%							
All analyte(s) passed QC.							

Sequence No.: 10

Autosampler Location: 1

Sample ID: CCB

Date Collected: 12/3/2015 9:07:17 AM

Analyst:

Data Type: Original

Initial Sample Wt:

Initial Sample Vol:

Dilution:

Sample Prep Vol:

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1199581.6	1.030 mg/L	0.0019			0.18%	
S 181.975†	-4.4	-0.0741 mg/L	0.05182	-0.0741 mg/L	0.05182	69.97%	
QC value within limits for S 181.975 Recovery = Not calculated							
Zr 343.823†	1819.4	0.0064 mg/L	0.00039	0.0064 mg/L	0.00039	6.13%	
QC value within limits for Zr 343.823 Recovery = Not calculated							
Zr 339.197†	2175.0	0.0067 mg/L	0.00059	0.0067 mg/L	0.00059	8.75%	
QC value within limits for Zr 339.197 Recovery = Not calculated							
All analyte(s) passed QC.							

Sequence No.: 11

Autosampler Location: 38

Sample ID: Blk 12/1 soil

Date Collected: 12/3/2015 9:10:11 AM

Analyst: AMM

Data Type: Original

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 50 mL

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: Blk 12/1 soil

Analyte	Back Pressure	Flow

Method: Sulfur + Zr

Page 5

Date: 12/3/2015 9:20:45 AM

All 332.0 kPa 0.55 L/min

Mean Data: Blk 12/1 soil

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1217458.9	1.046 mg/L	0.0066			0.63%
S 181.975†	2.6	0.0440 mg/L	0.06464	0.0440 mg/L	0.06464	146.78%
Zr 343.823†	793.3	0.0028 mg/L	0.00050	0.0028 mg/L	0.00050	17.73%
Zr 339.197†	1126.5	0.0035 mg/L	0.00008	0.0035 mg/L	0.00008	2.30%

=====

Sequence No.: 12	Autosampler Location: 39
Sample ID: lcs	Date Collected: 12/3/2015 9:13:07 AM
Analyst: AMM	Data Type: Original
Initial Sample Wt:	Initial Sample Vol: 50 mL
Dilution:	Sample Prep Vol: 50 mL
Wash Time: 50	Auto Dilution Factor: 1

Nebulizer Parameters: lcs

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: lcs

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1147773.5	0.9858 mg/L	0.00833			0.84%
S 181.975†	133.9	2.269 mg/L	0.0497	2.269 mg/L	0.0497	2.19%
Zr 343.823†	599707.6	2.112 mg/L	0.0033	2.112 mg/L	0.0033	0.15%
Zr 339.197†	680999.2	2.109 mg/L	0.0024	2.109 mg/L	0.0024	0.11%

=====

Sequence No.: 13	Autosampler Location: 40
Sample ID: lcs dup	Date Collected: 12/3/2015 9:15:59 AM
Analyst: AMM	Data Type: Original
Initial Sample Wt:	Initial Sample Vol: 50 mL
Dilution:	Sample Prep Vol: 50 mL
Wash Time: 50	Auto Dilution Factor: 1

Nebulizer Parameters: lcs dup

Analyte	Back Pressure	Flow
All	332.0 kPa	0.55 L/min

Mean Data: lcs dup

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		
Y 371.029	1139498.5	0.9787 mg/L	0.00422			0.43%
S 181.975†	132.4	2.242 mg/L	0.0694	2.242 mg/L	0.0694	3.10%
Zr 343.823†	603190.3	2.125 mg/L	0.0005	2.125 mg/L	0.0005	0.02%
Zr 339.197†	687555.3	2.129 mg/L	0.0022	2.129 mg/L	0.0022	0.10%

=====

Sequence No.: 14	Autosampler Location: 41
Sample ID: 155096-01	Date Collected: 12/3/2015 9:18:52 AM
Analyst: AMM	Data Type: Original
Initial Sample Wt:	Initial Sample Vol: 1 mL
Dilution:	Sample Prep Vol: 50 mL
Wash Time: 50	Auto Dilution Factor: 1

Nebulizer Parameters: 155096-01

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-01

Analyte	Mean Corrected	Calib.	Std.Dev.	Sample	Std.Dev.	RSD
	Intensity	Conc. Units		Conc. Units		

Method: Sulfur + Zr

Page 6

Date: 12/3/2015 9:30:19 AM

Y 371.029	1393292.4	1.197 mg/L	0.0105			0.88%
S 181.975†	12.6	0.2130 mg/L	0.00118	10.65 mg/L	0.059	0.56%
Zr 343.823†	46592.2	0.1641 mg/L	0.00029	8.206 mg/L	0.0143	0.17%
Zr 339.197†	45504.8	0.1409 mg/L	0.00097	7.046 mg/L	0.0485	0.69%

Sequence No.: 15
 Sample ID: 155096-02
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 42
 Date Collected: 12/3/2015 9:21:44 AM
 Data Type: Original
 Initial Sample Vol: 1.05 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155096-02

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-02

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1359604.5	1.168 mg/L	0.0009			0.08%
S 181.975†	34.5	0.5844 mg/L	0.04825	27.83 mg/L	2.298	8.26%
Zr 343.823†	33820.6	0.1191 mg/L	0.00029	5.673 mg/L	0.0140	0.25%
Zr 339.197†	32181.0	0.0997 mg/L	0.00078	4.745 mg/L	0.0372	0.78%

Sequence No.: 16
 Sample ID: 155096-03
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 43
 Date Collected: 12/3/2015 9:24:36 AM
 Data Type: Original
 Initial Sample Vol: 1.01 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155096-03

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-03

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1424060.6	1.223 mg/L	0.0082			0.67%
S 181.975†	21.3	0.3603 mg/L	0.01531	17.84 mg/L	0.758	4.25%
Zr 343.823†	39664.0	0.1397 mg/L	0.00065	6.916 mg/L	0.0323	0.47%
Zr 339.197†	38908.1	0.1205 mg/L	0.00150	5.965 mg/L	0.0744	1.25%

Sequence No.: 17
 Sample ID: 155096-04
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 44
 Date Collected: 12/3/2015 9:27:27 AM
 Data Type: Original
 Initial Sample Vol: 1.04 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155096-04

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155096-04

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1379932.0	1.185 mg/L	0.0089			0.75%
S 181.975†	21.3	0.3616 mg/L	0.05497	17.39 mg/L	2.643	15.20%
Zr 343.823†	39557.5	0.1393 mg/L	0.00025	6.699 mg/L	0.0122	0.18%
Zr 339.197†	38914.8	0.1205 mg/L	0.00041	5.794 mg/L	0.0199	0.34%

Method: Sulfur + Zr

Page 7

Date: 12/3/2015 9:38:57 AM

Sequence No.: 18
 Sample ID: 155096-05
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 45
 Date Collected: 12/3/2015 9:30:19 AM
 Data Type: Original
 Initial Sample Vol: 1.05 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155096-05

Analyte Back Pressure Flow
 All 333.0 kPa 0.55 L/min

Mean Data: 155096-05

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1376192.4	1.182 mg/L	0.0057			0.48%
S 181.975†	24.0	0.4059 mg/L	0.06180	19.33 mg/L	2.943	15.23%
Zr 343.823†	51221.8	0.1804 mg/L	0.00046	8.591 mg/L	0.0219	0.25%
Zr 339.197†	51387.3	0.1591 mg/L	0.00041	7.578 mg/L	0.0194	0.26%

Sequence No.: 19

Sample ID: 155096-05 dup

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 46

Date Collected: 12/3/2015 9:33:11 AM

Data Type: Original

Initial Sample Vol: 1.09 mL

Sample Prep Vol: 50 mL

Auto Dilution Factor: 1

Nebulizer Parameters: 155096-05 dup

Analyte Back Pressure Flow
 All 333.0 kPa 0.55 L/min

Mean Data: 155096-05 dup

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1363063.5	1.171 mg/L	0.0135			1.15%
S 181.975†	30.3	0.5132 mg/L	0.01279	23.54 mg/L	0.587	2.49%
Zr 343.823†	50729.0	0.1787 mg/L	0.00055	8.196 mg/L	0.0250	0.31%
Zr 339.197†	50371.0	0.1560 mg/L	0.00097	7.155 mg/L	0.0447	0.62%

Sequence No.: 20

Sample ID: 155096-05 spk

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 47

Date Collected: 12/3/2015 9:36:03 AM

Data Type: Original

Initial Sample Vol: 1.03 mL

Sample Prep Vol: 50 mL

Auto Dilution Factor: 1

Nebulizer Parameters: 155096-05 spk

Analyte Back Pressure Flow
 All 333.0 kPa 0.55 L/min

Mean Data: 155096-05 spk

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1301997.7	1.118 mg/L	0.0157			1.41%
S 181.975†	152.4	2.582 mg/L	0.0573	125.3 mg/L	2.78	2.22%
Zr 343.823†	496640.6	1.749 mg/L	0.0010	84.92 mg/L	0.048	0.06%
Zr 339.197†	558030.5	1.728 mg/L	0.0047	83.88 mg/L	0.230	0.27%

Sequence No.: 21

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 5

Date Collected: 12/3/2015 9:38:57 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1152658.3	0.9900 mg/L	0.00520			0.52%
S 181.975†	125.0	2.117 mg/L	0.0481	2.117 mg/L	0.0481	2.27%
QC value within limits for S 181.975 Recovery = 105.86%						
Zr 343.823†	605433.8	2.133 mg/L	0.0041	2.133 mg/L	0.0041	0.19%
QC value within limits for Zr 343.823 Recovery = 106.63%						
Zr 339.197†	692123.9	2.143 mg/L	0.0059	2.143 mg/L	0.0059	0.27%
QC value within limits for Zr 339.197 Recovery = 107.16%						

All analyte(s) passed QC.

=====

Sequence No.: 22

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 1

Date Collected: 12/3/2015 9:41:51 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1233164.6	1.059 mg/L	0.0011			0.10%
S 181.975†	1.8	0.0305 mg/L	0.02145	0.0305 mg/L	0.02145	70.34%
QC value within limits for S 181.975 Recovery = Not calculated						
Zr 343.823†	1987.6	0.0070 mg/L	0.00098	0.0070 mg/L	0.00098	14.05%
QC value within limits for Zr 343.823 Recovery = Not calculated						
Zr 339.197†	2338.7	0.0072 mg/L	0.00019	0.0072 mg/L	0.00019	2.63%
QC value within limits for Zr 339.197 Recovery = Not calculated						

All analyte(s) passed QC.

=====

Sequence No.: 23

Sample ID: 155078-01

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 48

Date Collected: 12/3/2015 9:44:45 AM

Data Type: Original

Initial Sample Vol: 1.03 mL

Sample Prep Vol: 50 mL

Auto Dilution Factor: 1

Nebulizer Parameters: 155078-01

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155078-01

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1193547.0	1.025 mg/L	0.0063			0.61%
S 181.975†	485.8	8.231 mg/L	0.0417	399.6 mg/L	2.02	0.51%
Zr 343.823†	5925.1	0.0209 mg/L	0.00047	1.013 mg/L	0.0228	2.25%
Zr 339.197†	6778.8	0.0210 mg/L	0.00106	1.019 mg/L	0.0517	5.07%

=====

Sequence No.: 24

Sample ID: 155078-02

Analyst: AMM

Initial Sample Wt:

Autosampler Location: 49

Date Collected: 12/3/2015 9:47:43 AM

Data Type: Original

Initial Sample Vol: 1.11 mL

Method: Sulfur + Zr

Page 9

Date: 12/3/2015 9:55:14 AM

Dilution:
Wash Time: 50Sample Prep Vol: 50 mL
Auto Dilution Factor: 1

Nebulizer Parameters: 155078-02

Analyte	Back Pressure	Flow
All	333.0 kPa	0.55 L/min

Mean Data: 155078-02

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1197407.5	1.028 mg/L	0.0049				0.48%
S 181.975†	449.3	7.612 mg/L	0.0538		342.9 mg/L	2.42	0.71%
Zr 343.823†	5211.1	0.0184 mg/L	0.00065		0.8268 mg/L	0.02939	3.55%
Zr 339.197†	6095.3	0.0189 mg/L	0.00061		0.8502 mg/L	0.02728	3.21%

User canceled analysis.

Analysis Begun

Start Time: 12/3/2015 9:50:19 AM
 Logged In Analyst: icp3
 Spectrometer: Optima 7300 DV, S/N 077C0122002

Plasma On Time: 12/3/2015 8:18:52 AM
 Technique: ICP Continuous
 Autosampler: S10

Sample Information File: C:\Users\Public\PerkinElmer\ICP\Data\Sample Information\120315a.sif
 Batch ID: 120315a
 Results Data Set: 120315a
 Results Library: C:\Users\Public\PerkinElmer\ICP\Data\Results\Dec2015.mdb

Sequence No.: 23
 Sample ID: 155078-01
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 48
 Date Collected: 12/3/2015 9:50:20 AM
 Data Type: Original
 Initial Sample Vol: 1.03 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155078-01

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-01

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1249730.0	1.073 mg/L	0.0000				0.00%
S 181.975†	95.4	1.616 mg/L	0.0922		78.45 mg/L	4.477	5.71%
Zr 343.823†	1112.8	0.0039 mg/L	0.00035		0.1903 mg/L	0.01689	8.88%
Zr 339.197†	1548.5	0.0048 mg/L	0.00003		0.2328 mg/L	0.00147	0.63%

Sequence No.: 24
 Sample ID: 155078-02
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 49
 Date Collected: 12/3/2015 9:53:17 AM
 Data Type: Original
 Initial Sample Vol: 1.11 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155078-02

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-02

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1243062.0	1.068 mg/L	0.0057				0.53%
S 181.975†	87.6	1.484 mg/L	0.0118		66.83 mg/L	0.529	0.79%
Zr 343.823†	1204.6	0.0042 mg/L	0.00056		0.1911 mg/L	0.02544	13.31%

Method: Sulfur + Zr

Page 10

Date: 12/3/2015 10:05:02 AM

Zr 339.197† 1275.3 0.0039 mg/L 0.00018 0.1779 mg/L 0.00812 4.57%

Sequence No.: 25
 Sample ID: 155078-03
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 50
 Date Collected: 12/3/2015 9:56:14 AM
 Data Type: Original
 Initial Sample Vol: 1.11 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155078-03

Analyte Back Pressure Flow
 All 334.0 kPa 0.55 L/min

Mean Data: 155078-03

Analyte	Mean Corrected Intensity	Conc. Units	Calib.	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1237902.7	1.063 mg/L		0.0003			0.03%
S 181.975†	135.9	2.303 mg/L		0.0594	103.7 mg/L	2.68	2.58%
Zr 343.823†	852.6	0.0030 mg/L		0.00018	0.1353 mg/L	0.00801	5.92%
Zr 339.197†	1214.5	0.0038 mg/L		0.00030	0.1694 mg/L	0.01337	7.89%

Sequence No.: 26
 Sample ID: 155078-04
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 51
 Date Collected: 12/3/2015 9:59:10 AM
 Data Type: Original
 Initial Sample Vol: 1.01 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155078-04

Analyte Back Pressure Flow
 All 334.0 kPa 0.55 L/min

Mean Data: 155078-04

Analyte	Mean Corrected Intensity	Conc. Units	Calib.	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1256240.7	1.079 mg/L		0.0008			0.08%
S 181.975†	59.1	1.001 mg/L		0.0267	49.55 mg/L	1.324	2.67%
Zr 343.823†	800.1	0.0028 mg/L		0.00021	0.1395 mg/L	0.01033	7.40%
Zr 339.197†	1172.7	0.0036 mg/L		0.00033	0.1798 mg/L	0.01635	9.10%

Sequence No.: 27
 Sample ID: 155078-05
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 52
 Date Collected: 12/3/2015 10:02:06 AM
 Data Type: Original
 Initial Sample Vol: 1.08 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: 155078-05

Analyte Back Pressure Flow
 All 334.0 kPa 0.55 L/min

Mean Data: 155078-05

Analyte	Mean Corrected Intensity	Conc. Units	Calib.	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1239505.8	1.065 mg/L		0.0016			0.15%
S 181.975†	150.6	2.552 mg/L		0.0023	118.1 mg/L	0.11	0.09%
Zr 343.823†	889.6	0.0031 mg/L		0.00034	0.1451 mg/L	0.01563	10.78%
Zr 339.197†	1045.5	0.0032 mg/L		0.00003	0.1499 mg/L	0.00133	0.89%

Sequence No.: 28
 Sample ID: 155078-06
 Analyst: AMM

Autosampler Location: 53
 Date Collected: 12/3/2015 10:05:02 AM
 Data Type: Original

Method: Sulfur + Zr

Page 11

Date: 12/3/2015 10:13:48 AM

Initial Sample Wt:
Dilution:
Wash Time: 50

Initial Sample Vol: 1.08 mL
Sample Prep Vol: 50 mL
Auto Dilution Factor: 1

Nebulizer Parameters: 155078-06

Analyte	Back Pressure	Flow
All	334.0 kPa	0.55 L/min

Mean Data: 155078-06

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1248047.9	1.072 mg/L	0.0073			0.68%	
S 181.975†	49.8	0.8430 mg/L	0.00237	39.03 mg/L	0.110	0.28%	
Zr 343.823†	674.5	0.0024 mg/L	0.00026	0.1100 mg/L	0.01210	11.00%	
Zr 339.197†	804.0	0.0025 mg/L	0.00049	0.1153 mg/L	0.02251	19.53%	

Sequence No.: 29

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 5

Date Collected: 12/3/2015 10:07:58 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1163131.0	0.9989 mg/L	0.00551			0.55%	
S 181.975†	118.7	2.011 mg/L	0.1273	2.011 mg/L	0.1273	6.33%	
QC value within limits for S 181.975 Recovery = 100.56%							
Zr 343.823†	603910.1	2.127 mg/L	0.0007	2.127 mg/L	0.0007	0.03%	
QC value within limits for Zr 343.823 Recovery = 106.36%							
Zr 339.197†	687702.6	2.130 mg/L	0.0017	2.130 mg/L	0.0017	0.08%	
QC value within limits for Zr 339.197 Recovery = 106.48%							
All analyte(s) passed QC.							

Sequence No.: 30

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 1

Date Collected: 12/3/2015 10:10:53 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1246310.2	1.070 mg/L	0.0020			0.18%	
S 181.975†	-1.2	-0.0202 mg/L	0.01460	-0.0202 mg/L	0.01460	72.10%	
QC value within limits for S 181.975 Recovery = Not calculated							
Zr 343.823†	1973.3	0.0070 mg/L	0.00004	0.0070 mg/L	0.00004	0.61%	
QC value within limits for Zr 343.823 Recovery = Not calculated							
Zr 339.197†	2362.3	0.0073 mg/L	0.00013	0.0073 mg/L	0.00013	1.75%	
QC value within limits for Zr 339.197 Recovery = Not calculated							
All analyte(s) passed QC.							

Sequence No.: 31

Autosampler Location: 54

Method: Sulfur + Zr

Page 12

Date: 12/3/2015 10:24:23 AM

Sample ID: Blk 11/28 ww
 Analyst: AMM
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Date Collected: 12/3/2015 10:13:47 AM
 Data Type: Original
 Initial Sample Vol: 50 mL
 Sample Prep Vol: 50 mL
 Auto Dilution Factor: 1

Nebulizer Parameters: Blk 11/28 ww

Analyte Back Pressure Flow
 All 335.0 kPa 0.55 L/min

Mean Data: Blk 11/28 ww

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1345667.1	1.156 mg/L	0.0052			0.45%
S 181.975†	-1.4	-0.0235 mg/L	0.03585	-0.0235 mg/L	0.03585	152.60%
Zr 343.823†	-61.5	-0.0002 mg/L	0.00051	-0.0002 mg/L	0.00051	233.47%
Zr 339.197†	-3.8	-0.0000 mg/L	0.00021	-0.0000 mg/L	0.00021	>999.9%

Sequence No.: 32

Sample ID: lcs

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 55

Date Collected: 12/3/2015 10:16:43 AM

Data Type: Original

Initial Sample Vol: 50 mL

Sample Prep Vol: 50 mL

Auto Dilution Factor: 1

Nebulizer Parameters: lcs

Analyte Back Pressure Flow
 All 335.0 kPa 0.55 L/min

Mean Data: lcs

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1322630.0	1.136 mg/L	0.0052			0.45%
S 181.975†	120.2	2.036 mg/L	0.0061	2.036 mg/L	0.0061	0.30%
Zr 343.823†	735.2	0.0026 mg/L	0.00092	0.0026 mg/L	0.00092	35.67%
Zr 339.197†	881.4	0.0027 mg/L	0.00011	0.0027 mg/L	0.00011	4.15%

Sequence No.: 33

Sample ID: lcs dup

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 56

Date Collected: 12/3/2015 10:19:39 AM

Data Type: Original

Initial Sample Vol: 50 mL

Sample Prep Vol: 50 mL

Auto Dilution Factor: 1

Nebulizer Parameters: lcs dup

Analyte Back Pressure Flow
 All 335.0 kPa 0.55 L/min

Mean Data: lcs dup

Analyte	Mean Corrected Intensity	Calib. Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Y 371.029	1302316.9	1.118 mg/L	0.0051			0.45%
S 181.975†	120.7	2.045 mg/L	0.0628	2.045 mg/L	0.0628	3.07%
Zr 343.823†	165.3	0.0006 mg/L	0.00075	0.0006 mg/L	0.00075	128.77%
Zr 339.197†	89.5	0.0003 mg/L	0.00030	0.0003 mg/L	0.00030	109.59%

Sequence No.: 34

Sample ID: 155068-01

Analyst: AMM

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 57

Date Collected: 12/3/2015 10:22:35 AM

Data Type: Original

Initial Sample Vol: 50 mL

Sample Prep Vol: 25 mL

Auto Dilution Factor: 1

Nebulizer Parameters: 155068-01

Analyte	Back Pressure	Flow
All	335.0 kPa	0.55 L/min

Mean Data: 155068-01

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1230884.8	1.057 mg/L	0.0102				0.96%
S 181.975†	202.4	3.429 mg/L	0.0909		1.714 mg/L	0.0455	2.65%
Zr 343.823†	37.8	0.0001 mg/L	0.00076		0.0001 mg/L	0.00038	569.18%
Zr 339.197†	146.5	0.0005 mg/L	0.00059		0.0002 mg/L	0.00029	129.18%

Sequence No.: 35

Autosampler Location: 58

Sample ID: 155069-01

Date Collected: 12/3/2015 10:25:31 AM

Analyst: AMM

Data Type: Original

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 25 mL

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: 155069-01

Analyte	Back Pressure	Flow
All	338.0 kPa	0.55 L/min

Mean Data: 155069-01

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1253774.9	1.077 mg/L	0.0072				0.67%
S 181.975†	3007.1	50.95 mg/L	0.280		25.47 mg/L	0.140	0.55%
Zr 343.823†	-18.7	-0.0001 mg/L	0.00019		-0.0000 mg/L	0.00010	295.14%
Zr 339.197†	146.5	0.0005 mg/L	0.00090		0.0002 mg/L	0.00045	199.11%

User canceled analysis.

Analysis Begun

Start Time: 12/3/2015 10:30:26 AM

Plasma On Time: 12/3/2015 8:18:52 AM

Logged In Analyst: icp3

Technique: ICP Continuous

Spectrometer: Optima 7300 DV, S/N 077C0122002

Autosampler: S10

Sample Information File: C:\Users\Public\PerkinElmer\ICP\Data\Sample Information\120315a.sif

Batch ID: 120315a

Results Data Set: 120315a

Results Library: C:\Users\Public\PerkinElmer\ICP\Data\Results\Dec2015.mdb

Sequence No.: 35

Autosampler Location: 58

Sample ID: 155069-01

Date Collected: 12/3/2015 10:30:27 AM

Analyst: AMM

Data Type: Original

Initial Sample Wt:

Initial Sample Vol: 50 mL

Dilution:

Sample Prep Vol: 25 mL

Wash Time: 50

Auto Dilution Factor: 1

Nebulizer Parameters: 155069-01

Analyte	Back Pressure	Flow
All	352.0 kPa	0.55 L/min

Mean Data: 155069-01

Analyte	Mean Corrected		Calib.	Std.Dev.	Sample		RSD
	Intensity	Conc. Units			Conc. Units	Std.Dev.	
Y 371.029	1286542.3	1.105 mg/L	0.0039				0.35%
S 181.975†	60.4	1.023 mg/L	0.0164		0.5115 mg/L	0.00820	1.60%
Zr 343.823†	-135.3	-0.0005 mg/L	0.00086		-0.0002 mg/L	0.00043	180.37%
Zr 339.197†	166.6	0.0005 mg/L	0.00014		0.0003 mg/L	0.00007	26.77%

Method: Sulfur + Zr

Page 14

Date: 12/3/2015 10:41:04 AM

Sequence No.: 36
 Sample ID: LLQC
 Analyst:
 Initial Sample Wt:
 Dilution:
 Wash Time: 50

Autosampler Location: 2
 Date Collected: 12/3/2015 10:33:22 AM
 Data Type: Original
 Initial Sample Vol:
 Sample Prep Vol:
 Auto Dilution Factor: 1

Nebulizer Parameters: LLQC

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: LLQC

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1269625.2	1.090 mg/L	0.0112			1.03%	
S 181.975†	30.1	0.5093 mg/L	0.08126	0.5093 mg/L	0.08126	15.95%	
QC value within limits for S 181.975 Recovery = 101.87%							
Zr 343.823†	26634.6	0.0938 mg/L	0.00007	0.0938 mg/L	0.00007	0.07%	
QC value within limits for Zr 343.823 Recovery = 93.81%							
Zr 339.197†	30358.8	0.0940 mg/L	0.00001	0.0940 mg/L	0.00001	0.01%	
QC value within limits for Zr 339.197 Recovery = 94.01%							
All analyte(s) passed QC.							

Sequence No.: 37

Sample ID: CCV

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 5

Date Collected: 12/3/2015 10:36:14 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: CCV

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1231155.5	1.057 mg/L	0.0091			0.86%	
S 181.975†	122.1	2.069 mg/L	0.0590	2.069 mg/L	0.0590	2.85%	
QC value within limits for S 181.975 Recovery = 103.44%							
Zr 343.823†	591812.7	2.085 mg/L	0.0032	2.085 mg/L	0.0032	0.15%	
QC value within limits for Zr 343.823 Recovery = 104.23%							
Zr 339.197†	676332.9	2.094 mg/L	0.0050	2.094 mg/L	0.0050	0.24%	
QC value within limits for Zr 339.197 Recovery = 104.72%							
All analyte(s) passed QC.							

Sequence No.: 38

Sample ID: CCB

Analyst:

Initial Sample Wt:

Dilution:

Wash Time: 50

Autosampler Location: 1

Date Collected: 12/3/2015 10:39:08 AM

Data Type: Original

Initial Sample Vol:

Sample Prep Vol:

Auto Dilution Factor: 1

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	362.0 kPa	0.55 L/min

Mean Data: CCB

Analyte	Mean Corrected		Calib.		Sample		RSD
	Intensity	Conc. Units	Std.Dev.	Conc. Units	Std.Dev.		
Y 371.029	1282098.1	1.101 mg/L	0.0142			1.29%	
S 181.975†	0.3	0.0054 mg/L	0.03339	0.0054 mg/L	0.03339	617.59%	
QC value within limits for S 181.975 Recovery = Not calculated							
Zr 343.823†	1971.4	0.0069 mg/L	0.00007	0.0069 mg/L	0.00007	0.98%	

QC value within limits for Zr 343.823 Recovery = Not calculated

Zr 339.197†	2451.3	0.0076 mg/L	0.00038	0.0076 mg/L	0.00038	5.07%

QC value within limits for Zr 339.197 Recovery = Not calculated

All analyte(s) passed QC.

S: 5130717014 > 0.100 mL
Zr: 5151203078

HCl lot #: 0281557
HNO3 Lot #: 0577013
H2O2 lot #: 0579111

Spike #1 Lot #: 091514
Spike #2 Lot #: 05500 mL
Spike #3 Lot #: 05500 mL
Spike #4 Lot #: 0209152200 mL
Temp: 96.2

METALS PREP - non-aqueous

DATE: 12-1-15

Prep Batch: PA151201soil

INITIALS: Amn JSC

Page 1 of 1

QC Batch: 0251201soil

Lab Sample #	Sample Type	Metals	Initial Amount (g)	Final Volume (ml)	Comments	% M	CC
BLK			1.11	50			
LS			1.01				
LS Dup			1.03				
5052-01	Sludge	HTAL	1.09			85.1	G3
-02			1.03			79.3	85.1
-03			1.04			106.5	79.3
-04			1.08			88.9	121.5
-05			1.07			86.3	88.9
5070-01	Soil	Met2	1.03		Cu, Cr	17.8	G2
5078-01	Sludge	Met1	1.03		S	94.0	G3
-02			1.11			94.9	
-03			1.11			93.1	
-04			1.01			95.7	
-05			1.08			93.3	
-06			1.08			95.5	
50910-01	Soil	JMet1	1.00		Asp Cat B Zr		G2
-02			1.05				
-03			1.01				
-04			1.04				
-05			1.05				
-dup			1.09				
-spk			1.03				

Initial Amount="1" for wipes, air filters

Digestion Method: EPA SW-346 3050B (soil, wipe, paint)
NIOSH 7303 (Air Filters)



ANALYTICAL REPORT

Lab Number:	L1532336
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/09/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1532336-01	SB-IRM4-102-SURF-2	SOIL	BATH, NY	12/08/15 13:15	12/08/15
L1532336-02	SB-IRM4-103-SURF	SOIL	BATH, NY	12/08/15 13:35	12/08/15
L1532336-03	SB-IRM4-104-SURF	SOIL	BATH, NY	12/08/15 13:45	12/08/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

Case Narrative (continued)

Report Submission

The analysis of Zirconium was subcontracted, and the results will be issued under separate cover.

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

Metals

The WG847963-4 MS recovery for mercury (18200%), performed on L1532336-01 (SB-IRM4-102-SURF-2), does not apply because the sample concentration is greater than four times the spike amount added.

The WG847985-4 MS recovery for manganese (0%) performed on L1532336-01 (SB-IRM4-102-SURF-2), does not apply because the sample concentration is greater than four times the spike amount added.

The WG847985-4 MS recoveries, performed on L1532336-01 (SB-IRM4-102-SURF-2), are outside the acceptance criteria for arsenic (41%), barium (52%), beryllium (45%), cadmium (39%), chromium (34%), copper (36%), lead (37%), nickel (37%), selenium (48%), silver (45%) and zinc (31%). A post digestion spike was performed and yielded unacceptable recoveries for arsenic (42%), barium (40%), beryllium (47%), cadmium (41%), chromium (39%), copper (40%), lead (36%), nickel (39%), selenium (49%), silver (7.4%) and zinc (38%). This has been attributed to sample matrix.

The WG847963-3 Laboratory Duplicate RPD, performed on L1532336-01 (SB-IRM4-102-SURF-2), is outside the acceptance criteria for mercury (52%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

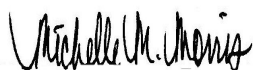
The WG847985-3 Laboratory Duplicate RPD, performed on L1532336-01 (SB-IRM4-102-SURF-2), is outside the acceptance criteria for barium (37%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Chromium, Hexavalent

The WG848041-2 LCS recovery (70%), associated with L1532336-01 (SB-IRM4-102-SURF-2), is below our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analysis are reported.

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 12/09/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532336**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532336-01
Client ID: SB-IRM4-102-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/15 09:15
Analyst: BN
Percent Solids: 88%

Date Collected: 12/08/15 13:15
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.1	0.30	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.32	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Trichloroethene	1.7		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.14	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01
 Client ID: SB-IRM4-102-SURF-2
 Sample Location: BATH, NY

Date Collected: 12/08/15 13:15
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.09	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	12		ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.28	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.28	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	ND		ug/kg	20	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	20	0.28	1
Methyl cyclohexane	ND		ug/kg	4.1	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	1.5	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532336**Project Number:** 34201-313**Report Date:** 12/09/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/09/15 08:49

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Methylene chloride	102		99		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	98		92		70-130	6		30
1,2-Dichloropropane	108		105		70-130	3		30
Dibromochloromethane	93		93		70-130	0		30
2-Chloroethylvinyl ether	104		101		70-130	3		30
1,1,2-Trichloroethane	103		101		70-130	2		30
Tetrachloroethene	99		92		70-130	7		30
Chlorobenzene	103		100		70-130	3		30
Trichlorofluoromethane	154	Q	134		70-139	14		30
1,2-Dichloroethane	108		108		70-130	0		30
1,1,1-Trichloroethane	103		96		70-130	7		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	101		101		70-130	0		30
cis-1,3-Dichloropropene	104		102		70-130	2		30
1,1-Dichloropropene	108		101		70-130	7		30
Bromoform	86		90		70-130	5		30
1,1,2,2-Tetrachloroethane	100		100		70-130	0		30
Benzene	105		100		70-130	5		30
Toluene	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Ethylbenzene	105		100		70-130	5		30
Chloromethane	104		100		52-130	4		30
Bromomethane	118		119		57-147	1		30
Vinyl chloride	124		114		67-130	8		30
Chloroethane	135		118		50-151	13		30
1,1-Dichloroethene	101		93		65-135	8		30
trans-1,2-Dichloroethene	100		96		70-130	4		30
Trichloroethene	104		99		70-130	5		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	101		99		70-130	2		30
Methyl tert butyl ether	101		101		66-130	0		30
p/m-Xylene	104		99		70-130	5		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Dibromomethane	102		99		70-130	3		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	104		93		30-146	11		30
Acetone	102		102		54-140	0		30
Carbon disulfide	101		95		59-130	6		30
2-Butanone	98		104		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Vinyl acetate	107		110		70-130	3		30
4-Methyl-2-pentanone	103		104		70-130	1		30
1,2,3-Trichloropropane	106		106		68-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	102		99		70-130	3		30
2,2-Dichloropropane	106		98		70-130	8		30
1,2-Dibromoethane	98		98		70-130	0		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	98		96		70-130	2		30
n-Butylbenzene	110		104		70-130	6		30
sec-Butylbenzene	106		100		70-130	6		30
tert-Butylbenzene	103		98		70-130	5		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	103		93		67-130	10		30
Isopropylbenzene	103		97		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	97		94		70-130	3		30
Acrylonitrile	104		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Isopropyl Ether	108		107		66-130	1		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	99		94		70-130	5		30
1,2,4-Trichlorobenzene	100		94		70-130	6		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	104		100		70-130	4		30
Methyl Acetate	107		107		51-146	0		30
Ethyl Acetate	108		108		70-130	0		30
Acrolein	91		94		70-130	3		30
Cyclohexane	111		102		59-142	8		30
1,4-Dioxane	107		106		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		96		50-139	8		30
p-Diethylbenzene	104		100		70-130	4		30
p-Ethyltoluene	103		99		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		99		70-130	5		30
Tetrahydrofuran	101		102		66-130	1		30
Ethyl ether	105		105		67-130	0		30
trans-1,4-Dichloro-2-butene	102		104		70-130	2		30
Methyl cyclohexane	109		100		70-130	9		30
Ethyl-Tert-Butyl-Ether	104		104		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Tertiary-Amyl Methyl Ether	103		102		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01
Client ID: SB-IRM4-102-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 13:16
Analyst: PS
Percent Solids: 88%

Date Collected: 12/08/15 13:15
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2600		ug/kg	150	38.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	18000	E	ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	160	49.	1
Naphthalene	860		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	160	44.	1
NDPA/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	8800	E	ug/kg	110	36.	1
Benzo(a)pyrene	7900	E	ug/kg	150	45.	1
Benzo(b)fluoranthene	9800	E	ug/kg	110	37.	1
Benzo(k)fluoranthene	3700		ug/kg	110	35.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01
 Client ID: SB-IRM4-102-SURF-2
 Sample Location: BATH, NY

Date Collected: 12/08/15 13:15
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	8200	E	ug/kg	110	36.	1
Acenaphthylene	ND		ug/kg	150	34.	1
Anthracene	5600		ug/kg	110	31.	1
Benzo(ghi)perylene	4600		ug/kg	150	38.	1
Fluorene	2600		ug/kg	180	53.	1
Phenanthrene	14000	E	ug/kg	110	36.	1
Dibenzo(a,h)anthracene	1000		ug/kg	110	36.	1
Indeno(1,2,3-cd)pyrene	5300		ug/kg	150	41.	1
Pyrene	16000	E	ug/kg	110	36.	1
Biphenyl	280	J	ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	1700		ug/kg	180	62.	1
2-Methylnaphthalene	640		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	53.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	160	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	880	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	67.	1
Pentachlorophenol	ND		ug/kg	150	39.	1
Phenol	ND		ug/kg	180	54.	1
2-Methylphenol	ND		ug/kg	180	59.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	60.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Carbazole	2100		ug/kg	180	40.	1
Benzaldehyde	ND		ug/kg	240	74.	1
Caprolactam	ND		ug/kg	180	51.	1
Atrazine	ND		ug/kg	150	42.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	31.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532336**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532336-01

Date Collected: 12/08/15 13:15

Client ID: SB-IRM4-102-SURF-2

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	99		18-120

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01 D
Client ID: SB-IRM4-102-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 14:33
Analyst: PS
Percent Solids: 88%

Date Collected: 12/08/15 13:15
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	550	170	5
Benzo(a)anthracene	8700		ug/kg	550	180	5
Benzo(a)pyrene	7800		ug/kg	740	220	5
Benzo(b)fluoranthene	9500		ug/kg	550	190	5
Chrysene	8100		ug/kg	550	180	5
Phenanthrene	17000		ug/kg	550	180	5
Pyrene	18000		ug/kg	550	180	5

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-02
Client ID: SB-IRM4-103-SURF
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 13:42
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 13:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2300		ug/kg	150	40.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	16000	E	ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	1200		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	6900		ug/kg	120	38.	1
Benzo(a)pyrene	6200		ug/kg	150	47.	1
Benzo(b)fluoranthene	7300		ug/kg	120	39.	1
Benzo(k)fluoranthene	2900		ug/kg	120	37.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-02
 Client ID: SB-IRM4-103-SURF
 Sample Location: BATH, NY

Date Collected: 12/08/15 13:35
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	6000		ug/kg	120	38.	1
Acenaphthylene	40	J	ug/kg	150	36.	1
Anthracene	4800		ug/kg	120	32.	1
Benzo(ghi)perylene	3600		ug/kg	150	40.	1
Fluorene	2300		ug/kg	190	55.	1
Phenanthrene	14000	E	ug/kg	120	38.	1
Dibenzo(a,h)anthracene	810		ug/kg	120	37.	1
Indeno(1,2,3-cd)pyrene	4200		ug/kg	150	43.	1
Pyrene	13000	E	ug/kg	120	38.	1
Biphenyl	260	J	ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	1600		ug/kg	190	64.	1
2-Methylnaphthalene	750		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Carbazole	2100		ug/kg	190	42.	1
Benzaldehyde	ND		ug/kg	260	78.	1
Caprolactam	ND		ug/kg	190	53.	1
Atrazine	ND		ug/kg	150	44.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	33.	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-02
Client ID: SB-IRM4-103-SURF
Sample Location: BATH, NY

Date Collected: 12/08/15 13:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	105		18-120

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-02 D
Client ID: SB-IRM4-103-SURF
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 14:59
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 13:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	17000		ug/kg	580	180	5
Phenanthrene	14000		ug/kg	580	190	5
Pyrene	13000		ug/kg	580	190	5

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-03
Client ID: SB-IRM4-104-SURF
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 14:08
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 13:45
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	240		ug/kg	160	40.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	50.	1
Fluoranthene	1700		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	190	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	160	35.	1
Isophorone	ND		ug/kg	170	52.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	700		ug/kg	120	38.	1
Benzo(a)pyrene	620		ug/kg	160	47.	1
Benzo(b)fluoranthene	780		ug/kg	120	39.	1
Benzo(k)fluoranthene	300		ug/kg	120	37.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-03
 Client ID: SB-IRM4-104-SURF
 Sample Location: BATH, NY

Date Collected: 12/08/15 13:45
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	640		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	36.	1
Anthracene	430		ug/kg	120	32.	1
Benzo(ghi)perylene	380		ug/kg	160	40.	1
Fluorene	220		ug/kg	190	56.	1
Phenanthrene	1400		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	89	J	ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	160	43.	1
Pyrene	1400		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	55.	1
3-Nitroaniline	ND		ug/kg	190	54.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	140	J	ug/kg	190	65.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Carbazole	170	J	ug/kg	190	42.	1
Benzaldehyde	ND		ug/kg	260	78.	1
Caprolactam	ND		ug/kg	190	54.	1
Atrazine	ND		ug/kg	160	44.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	33.	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-03
Client ID: SB-IRM4-104-SURF
Sample Location: BATH, NY

Date Collected: 12/08/15 13:45
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	101		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG847951-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG847951-1					
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG847951-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG847951-2 WG847951-3								
Acenaphthene	77		87		31-137	12		50
Benzidine	16		34		10-66	72	Q	50
n-Nitrosodimethylamine	64		71		22-100	10		50
1,2,4-Trichlorobenzene	76		86		38-107	12		50
Hexachlorobenzene	83		97		40-140	16		50
Bis(2-chloroethyl)ether	69		79		40-140	14		50
2-Chloronaphthalene	84		95		40-140	12		50
1,2-Dichlorobenzene	69		79		40-140	14		50
1,3-Dichlorobenzene	69		77		40-140	11		50
1,4-Dichlorobenzene	69		77		28-104	11		50
3,3'-Dichlorobenzidine	48		53		40-140	10		50
2,4-Dinitrotoluene	88		101	Q	28-89	14		50
2,6-Dinitrotoluene	93		106		40-140	13		50
Fluoranthene	85		98		40-140	14		50
4-Chlorophenyl phenyl ether	84		93		40-140	10		50
4-Bromophenyl phenyl ether	84		94		40-140	11		50
Azobenzene	79		91		40-140	14		50
Bis(2-chloroisopropyl)ether	70		81		40-140	15		50
Bis(2-chloroethoxy)methane	77		89		40-117	14		50
Hexachlorobutadiene	80		91		40-140	13		50
Hexachlorocyclopentadiene	115		127		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG847951-2 WG847951-3								
Hexachloroethane	72		80		40-140	11		50
Isophorone	80		92		40-140	14		50
Naphthalene	76		86		40-140	12		50
Nitrobenzene	78		88		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		97		36-157	14		50
n-Nitrosodi-n-propylamine	78		89		32-121	13		50
Bis(2-Ethylhexyl)phthalate	88		103		40-140	16		50
Butyl benzyl phthalate	91		103		40-140	12		50
Di-n-butylphthalate	86		100		40-140	15		50
Di-n-octylphthalate	90		105		40-140	15		50
Diethyl phthalate	84		95		40-140	12		50
Dimethyl phthalate	81		92		40-140	13		50
Benzo(a)anthracene	83		95		40-140	13		50
Benzo(a)pyrene	84		99		40-140	16		50
Benzo(b)fluoranthene	83		95		40-140	13		50
Benzo(k)fluoranthene	79		92		40-140	15		50
Chrysene	80		92		40-140	14		50
Acenaphthylene	88		99		40-140	12		50
Anthracene	86		100		40-140	15		50
Benzo(ghi)perylene	80		92		40-140	14		50
Fluorene	81		92		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG847951-2 WG847951-3								
Phenanthrene	79		90		40-140	13		50
Dibenzo(a,h)anthracene	85		100		40-140	16		50
Indeno(1,2,3-cd)Pyrene	86		101		40-140	16		50
Pyrene	83		96		35-142	15		50
Biphenyl	78		87		54-104	11		50
Aniline	46		46		40-140	0		50
4-Chloroaniline	70		78		40-140	11		50
2-Nitroaniline	90		102		47-134	13		50
3-Nitroaniline	61		69		26-129	12		50
4-Nitroaniline	87		97		41-125	11		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	80		90		40-140	12		50
1,2,4,5-Tetrachlorobenzene	74		84		40-117	13		50
Acetophenone	83		96		14-144	15		50
2,4,6-Trichlorophenol	87		101		30-130	15		50
P-Chloro-M-Cresol	89		101		26-103	13		50
2-Chlorophenol	76		88		25-102	15		50
2,4-Dichlorophenol	87		98		30-130	12		50
2,4-Dimethylphenol	97		111		30-130	13		50
2-Nitrophenol	81		94		30-130	15		50
4-Nitrophenol	91		106		11-114	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG847951-2 WG847951-3								
2,4-Dinitrophenol	13		14		4-130	7		50
4,6-Dinitro-o-cresol	37		46		10-130	22		50
Pentachlorophenol	49		58		17-109	17		50
Phenol	79		90		26-90	13		50
2-Methylphenol	80		93		30-130.	15		50
3-Methylphenol/4-Methylphenol	82		94		30-130	14		50
2,4,5-Trichlorophenol	92		105		30-130	13		50
Benzoic Acid	0	Q	0	Q	10-66	NC		50
Benzyl Alcohol	82		95		40-140	15		50
Carbazole	82		94		54-128	14		50
Benzaldehyde	71		82		40-140	14		50
Caprolactam	87		96		15-130	10		50
Atrazine	103		120		40-140	15		50
2,3,4,6-Tetrachlorophenol	76		89		40-140	16		50
Pyridine	36		38		10-93	5		50
1-Methylnaphthalene	83		95		26-130	13		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG847951-2 WG847951-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		88		25-120
Phenol-d6	82		94		10-120
Nitrobenzene-d5	79		91		23-120
2-Fluorobiphenyl	85		96		30-120
2,4,6-Tribromophenol	82		96		10-136
4-Terphenyl-d14	86		99		18-120

PESTICIDES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532336**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532336-01
Client ID: SB-IRM4-102-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/09/15 11:39
Analyst: KE
Percent Solids: 88%

Date Collected: 12/08/15 13:15
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:43
Cleanup Method: EPA 3620B
Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.746	0.334	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.896	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.631	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.784	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.560	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.639	1	A
4,4'-DDT	ND		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.599	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.6	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG847986-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG847986-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	69		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG847986-2 WG847986-3									
Delta-BHC	79		89		30-150	12		30	A
Lindane	78		82		30-150	5		30	A
Alpha-BHC	82		87		30-150	6		30	A
Beta-BHC	96		151	Q	30-150	45	Q	30	A
Heptachlor	85		90		30-150	6		30	A
Aldrin	82		89		30-150	8		30	A
Heptachlor epoxide	73		81		30-150	10		30	A
Endrin	91		100		30-150	9		30	A
Endrin aldehyde	46		62		30-150	30		30	A
Endrin ketone	73		82		30-150	12		30	A
Dieldrin	86		91		30-150	6		30	A
4,4'-DDE	76		80		30-150	5		30	A
4,4'-DDD	88		94		30-150	7		30	A
4,4'-DDT	88		99		30-150	12		30	A
Endosulfan I	83		87		30-150	5		30	A
Endosulfan II	79		88		30-150	11		30	A
Endosulfan sulfate	68		77		30-150	12		30	A
Methoxychlor	82		94		30-150	14		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	82		89		30-150	8		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG847986-2 WG847986-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	B
Decachlorobiphenyl	73		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		92		30-150	A
Decachlorobiphenyl	77		90		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01

Date Collected: 12/08/15 13:15

Client ID: SB-IRM4-102-SURF-2

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.8		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Barium, Total	77		mg/kg	0.45	0.14	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Beryllium, Total	0.18	J	mg/kg	0.22	0.05	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Chromium, Total	6.0		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Copper, Total	14		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Lead, Total	3.2		mg/kg	2.2	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Magnesium, Total	2000		mg/kg	4.5	0.45	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Manganese, Total	230		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Mercury, Total	8.8		mg/kg	0.74	0.16	10	12/09/15 09:35	12/09/15 13:04	EPA 7471B	1,7471B	DB
Nickel, Total	9.5		mg/kg	1.1	0.18	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Selenium, Total	0.49	J	mg/kg	0.90	0.14	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH
Zinc, Total	48		mg/kg	2.2	0.32	1	12/09/15 05:12	12/09/15 09:07	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG847963-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/15 09:35	12/09/15 12:10	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG847985-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Magnesium, Total	0.75	J	mg/kg	4.0	0.40	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG847963-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG847985-2 SRM Lot Number: D088-540								
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	93		-		83-117	-		
Cadmium, Total	95		-		83-117	-		
Chromium, Total	92		-		80-120	-		
Copper, Total	98		-		81-118	-		
Lead, Total	82		-		81-117	-		
Magnesium, Total	88		-		76-124	-		
Manganese, Total	115		-		81-118	-		
Nickel, Total	94		-		83-117	-		
Selenium, Total	102		-		78-122	-		
Silver, Total	96		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG847963-4 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2												
Mercury, Total	8.8	0.154	37	18200	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG847985-4 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2												
Arsenic, Total	3.8	10.7	8.2	41	Q	-	-		75-125	-		20
Barium, Total	77.	179	170	52	Q	-	-		75-125	-		20
Beryllium, Total	0.18J	4.48	2.0	45	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.56	1.8	39	Q	-	-		75-125	-		20
Chromium, Total	6.0	17.9	12	34	Q	-	-		75-125	-		20
Copper, Total	14.	22.4	22	36	Q	-	-		75-125	-		20
Lead, Total	3.2	45.6	20	37	Q	-	-		75-125	-		20
Magnesium, Total	2000	895	2800	89		-	-		75-125	-		20
Manganese, Total	230	44.8	230	0	Q	-	-		75-125	-		20
Nickel, Total	9.5	44.8	26	37	Q	-	-		75-125	-		20
Selenium, Total	0.49J	10.7	5.2	48	Q	-	-		75-125	-		20
Silver, Total	ND	26.8	12	45	Q	-	-		75-125	-		20
Zinc, Total	48.	44.8	62	31	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG847963-3 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2						
Mercury, Total	8.8	15	mg/kg	52	Q	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG847985-3 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2						
Arsenic, Total	3.8	4.0	mg/kg	5		20
Barium, Total	77.	53	mg/kg	37	Q	20
Beryllium, Total	0.18J	0.19J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	6.0	6.0	mg/kg	0		20
Copper, Total	14.	13	mg/kg	7		20
Lead, Total	3.2	3.2	mg/kg	0		20
Magnesium, Total	2000	1800	mg/kg	11		20
Manganese, Total	230	240	mg/kg	4		20
Nickel, Total	9.5	9.7	mg/kg	2		20
Selenium, Total	0.49J	0.47J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	48.	42	mg/kg	13		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532336-01
Client ID: SB-IRM4-102-SURF-2
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 13:15
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	6.0		mg/kg	0.91	0.91	1	-	12/09/15 12:38	107,-	
Solids, Total	87.9		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI
Cyanide, Total	0.32	J	mg/kg	1.1	0.18	1	12/09/15 09:07	12/09/15 12:34	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.91	0.18	1	12/09/15 09:04	12/09/15 12:38	1,7196A	AL



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532336**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532336-02
Client ID: SB-IRM4-103-SURF
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 13:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532336**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532336-03
Client ID: SB-IRM4-104-SURF
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 13:45
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI



Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG848041-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/09/15 09:04	12/09/15 12:35	1,7196A	AL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG848061-1										
Cyanide, Total	ND		mg/kg	0.93	0.15	1	12/09/15 09:07	12/09/15 12:21	1,9010C/9012B	ML

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG848041-2								
Chromium, Hexavalent	70	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG848061-2 WG848061-3								
Cyanide, Total	90		89		80-120	1		35

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532336

Project Number: 34201-313

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG848041-4 QC Sample: L1532338-02 Client ID: MS Sample												
Chromium, Hexavalent	ND	1440	1100	76		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG848061-4 WG848061-5 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2												
Cyanide, Total	0.32J	11	10	89		10	90		65-135	0		35

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG848003-1 QC Sample: L1532336-01 Client ID: SB-IRM4-102-SURF-2						
Solids, Total	87.9	85.3	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG848041-6 QC Sample: L1532338-02 Client ID: DUP Sample						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532336

Report Date: 12/09/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/09/2015 04:33

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1532336-01A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532336-01B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532336-01C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532336-01D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1532336-01E	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1532336-01F	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1532336-01G	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	-
L1532336-02A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14),TS(7)
L1532336-03A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532336
Report Date: 12/09/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO₃-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH₃-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO₃-F,**
EPA 353.2: Nitrate-N, **SM4500NH₃-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab: 12/9/15		ALPHA Job # L1532336																																																																																																																																																																																																																																																				
		Project Information Project Name: Phillips Bath IRMs Project Location: Bath, NY Project #: 34201-313 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☒ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # 15555																																																																																																																																																																																																																																																						
Client Information Client: Haley & Aldrich, Inc. Address: 200 Town Centre Drive, Suite 2 Rochester, NY Phone: 585-321-4235 Fax: Email: bdrayn@haleyaldrich.com		Project Manager: Jeremy DeGrande (jdegrande@haleyaldrich.com) ALPHAQuote #: 2014230R1 Turn-Around Time Standard ☐ Due Date: 12/9/15 Rush (only if pre approved) ☒ # of Days: 1-DAY		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																																																																																																																						
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:		ANALYSIS TL VOC 8240/5075 TEL SVOC Pt 375 Metals Zinc cadmium Magnesium TEL Pests TCN		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles																																																																																																																																																																																																																																																						
Please specify Metals or TAL.		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="7"></th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="7"></th> </tr> </thead> <tbody> <tr> <td>32336 - 01</td> <td>SB-IRM4-102-SURF-2</td> <td>12/8/15</td> <td>1315</td> <td>SO</td> <td>BD</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>8</td> </tr> <tr> <td>02</td> <td>SB-IRM4-103-SURF</td> <td>↓</td> <td>1335</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>03</td> <td>SB-IRM4-104-SURF</td> <td>↓</td> <td>1345</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials								Date	Time								32336 - 01	SB-IRM4-102-SURF-2	12/8/15	1315	SO	BD	X	X	X	X	X	X	X		8	02	SB-IRM4-103-SURF	↓	1335	SO	BD		X							1	03	SB-IRM4-104-SURF	↓	1345	SO	BD		X							1																																																																																																																																																																																					Sample Specific Comments	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: TL 802, 402, 402 → Preservative: KH 802		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .																																																																																																																																																																																																																																																				
Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By: [Signature] Date/Time: 12/8/15 1700		Received By: [Signature] Date/Time: 12/8/15 1700		[Signature] Date/Time: 12/9/15 0240		[Signature]																																																																																																																																																																																																																																																				



ANALYTICAL REPORT

Lab Number:	L1533372
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/17/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1533372-01	SB-IRM4-102-SURF-3	SOIL	BATH, NY	12/16/15 09:00	12/16/15
L1533372-02	SB-IRM4-103-SURF-2	SOIL	BATH, NY	12/16/15 09:20	12/16/15
L1533372-03	SB-IRM4-104-SURF-2	SOIL	BATH, NY	12/16/15 09:10	12/16/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

Case Narrative (continued)

Report Submission

The analysis of Zirconium was subcontracted, and the results will be issued under separate cover.

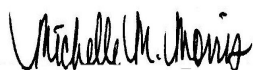
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Metals

The WG850519-4 MS recovery for manganese (42%), performed on L1533372-01 (SB-IRM4-102-SURF-3), does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 12/17/15

ORGANICS

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1533372**Project Number:** 34201-313**Report Date:** 12/17/15**SAMPLE RESULTS**

Lab ID: L1533372-01
Client ID: SB-IRM4-102-SURF-3
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/17/15 11:11
Analyst: RC
Percent Solids: 84%

Date Collected: 12/16/15 09:00
Date Received: 12/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	ND		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NDPA/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	51.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	41.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-01
 Client ID: SB-IRM4-102-SURF-3
 Sample Location: BATH, NY

Date Collected: 12/16/15 09:00
 Date Received: 12/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	44.	1
Pyrene	ND		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	55.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	ND		ug/kg	200	65.	1
2-Methylnaphthalene	ND		ug/kg	240	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	63.	1
2,4-Dimethylphenol	ND		ug/kg	200	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	63.	1
Carbazole	ND		ug/kg	200	42.	1
Benzaldehyde	ND		ug/kg	260	79.	1
Caprolactam	ND		ug/kg	200	54.	1
Atrazine	ND		ug/kg	160	44.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	33.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-01

Date Collected: 12/16/15 09:00

Client ID: SB-IRM4-102-SURF-3

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	89		18-120

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-02
Client ID: SB-IRM4-103-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/17/15 11:37
Analyst: RC
Percent Solids: 85%

Date Collected: 12/16/15 09:20
Date Received: 12/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	63.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	42.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	ND		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	68.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	58.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	51.	1
Butyl benzyl phthalate	ND		ug/kg	190	38.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	48.	1
Diethyl phthalate	ND		ug/kg	190	41.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1
Benzo(a)anthracene	ND		ug/kg	120	38.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	39.	1
Benzo(k)fluoranthene	ND		ug/kg	120	37.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-02
 Client ID: SB-IRM4-103-SURF-2
 Sample Location: BATH, NY

Date Collected: 12/16/15 09:20
 Date Received: 12/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	ND		ug/kg	120	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	55.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	37.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	43.	1
Pyrene	ND		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	440	64.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	62.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	60.	1
Acetophenone	ND		ug/kg	190	60.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	63.	1
2,4-Dimethylphenol	ND		ug/kg	190	58.	1
2-Nitrophenol	ND		ug/kg	420	60.	1
4-Nitrophenol	ND		ug/kg	270	63.	1
2,4-Dinitrophenol	ND		ug/kg	930	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	71.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	63.	1
Carbazole	ND		ug/kg	190	42.	1
Benzaldehyde	ND		ug/kg	260	78.	1
Caprolactam	ND		ug/kg	190	53.	1
Atrazine	ND		ug/kg	150	44.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	33.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1533372**Project Number:** 34201-313**Report Date:** 12/17/15**SAMPLE RESULTS**

Lab ID: L1533372-02

Date Collected: 12/16/15 09:20

Client ID: SB-IRM4-103-SURF-2

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	61		18-120

Project Name: PHILIPS BATH IRMS**Lab Number:** L1533372**Project Number:** 34201-313**Report Date:** 12/17/15**SAMPLE RESULTS**

Lab ID: L1533372-03
Client ID: SB-IRM4-104-SURF-2
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/17/15 12:02
Analyst: RC
Percent Solids: 87%

Date Collected: 12/16/15 09:10
Date Received: 12/16/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-03
 Client ID: SB-IRM4-104-SURF-2
 Sample Location: BATH, NY

Date Collected: 12/16/15 09:10
 Date Received: 12/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	32.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	230	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Carbazole	ND		ug/kg	190	41.	1
Benzaldehyde	ND		ug/kg	250	76.	1
Caprolactam	ND		ug/kg	190	52.	1
Atrazine	ND		ug/kg	150	43.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	32.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1533372**Project Number:** 34201-313**Report Date:** 12/17/15**SAMPLE RESULTS**

Lab ID: L1533372-03

Date Collected: 12/16/15 09:10

Client ID: SB-IRM4-104-SURF-2

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	93		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/17/15 09:55
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG850500-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/17/15 09:55
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG850500-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/17/15 09:55
 Analyst: RC

Extraction Method: EPA 3546
 Extraction Date: 12/17/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG850500-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	102		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG850500-2 WG850500-3								
Acenaphthene	90		88		31-137	2		50
Benzidine	135	Q	108	Q	10-66	22		50
n-Nitrosodimethylamine	80		82		22-100	2		50
1,2,4-Trichlorobenzene	86		84		38-107	2		50
Hexachlorobenzene	97		96		40-140	1		50
Bis(2-chloroethyl)ether	80		79		40-140	1		50
2-Chloronaphthalene	95		93		40-140	2		50
1,2-Dichlorobenzene	82		80		40-140	2		50
1,3-Dichlorobenzene	79		78		40-140	1		50
1,4-Dichlorobenzene	79		78		28-104	1		50
3,3'-Dichlorobenzidine	68		60		40-140	13		50
2,4-Dinitrotoluene	96	Q	94	Q	28-89	2		50
2,6-Dinitrotoluene	101		97		40-140	4		50
Fluoranthene	95		92		40-140	3		50
4-Chlorophenyl phenyl ether	93		92		40-140	1		50
4-Bromophenyl phenyl ether	95		94		40-140	1		50
Azobenzene	90		86		40-140	5		50
Bis(2-chloroisopropyl)ether	76		74		40-140	3		50
Bis(2-chloroethoxy)methane	88		86		40-117	2		50
Hexachlorobutadiene	83		79		40-140	5		50
Hexachlorocyclopentadiene	130		127		40-140	2		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG850500-2 WG850500-3								
Hexachloroethane	80		79		40-140	1		50
Isophorone	87		85		40-140	2		50
Naphthalene	84		82		40-140	2		50
Nitrobenzene	82		79		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	97		94		36-157	3		50
n-Nitrosodi-n-propylamine	85		84		32-121	1		50
Bis(2-Ethylhexyl)phthalate	94		92		40-140	2		50
Butyl benzyl phthalate	95		92		40-140	3		50
Di-n-butylphthalate	94		92		40-140	2		50
Di-n-octylphthalate	91		88		40-140	3		50
Diethyl phthalate	92		88		40-140	4		50
Dimethyl phthalate	95		92		40-140	3		50
Benzo(a)anthracene	94		92		40-140	2		50
Benzo(a)pyrene	94		90		40-140	4		50
Benzo(b)fluoranthene	88		86		40-140	2		50
Benzo(k)fluoranthene	90		86		40-140	5		50
Chrysene	91		88		40-140	3		50
Acenaphthylene	93		91		40-140	2		50
Anthracene	99		98		40-140	1		50
Benzo(ghi)perylene	92		88		40-140	4		50
Fluorene	95		91		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG850500-2 WG850500-3								
Phenanthrene	90		88		40-140	2		50
Dibenzo(a,h)anthracene	93		90		40-140	3		50
Indeno(1,2,3-cd)Pyrene	92		88		40-140	4		50
Pyrene	96		94		35-142	2		50
Biphenyl	97		94		54-104	3		50
Aniline	79		72		40-140	9		50
4-Chloroaniline	109		102		40-140	7		50
2-Nitroaniline	98		95		47-134	3		50
3-Nitroaniline	86		78		26-129	10		50
4-Nitroaniline	95		92		41-125	3		50
Dibenzofuran	93		90		40-140	3		50
2-Methylnaphthalene	90		88		40-140	2		50
1,2,4,5-Tetrachlorobenzene	91		89		40-117	2		50
Acetophenone	91		90		14-144	1		50
2,4,6-Trichlorophenol	96		93		30-130	3		50
P-Chloro-M-Cresol	95		92		26-103	3		50
2-Chlorophenol	88		85		25-102	3		50
2,4-Dichlorophenol	94		91		30-130	3		50
2,4-Dimethylphenol	92		90		30-130	2		50
2-Nitrophenol	88		87		30-130	1		50
4-Nitrophenol	93		91		11-114	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG850500-2 WG850500-3								
2,4-Dinitrophenol	68		63		4-130	8		50
4,6-Dinitro-o-cresol	85		83		10-130	2		50
Pentachlorophenol	86		82		17-109	5		50
Phenol	86		84		26-90	2		50
2-Methylphenol	93		92		30-130.	1		50
3-Methylphenol/4-Methylphenol	93		91		30-130	2		50
2,4,5-Trichlorophenol	96		90		30-130	6		50
Benzoic Acid	30		32		10-66	6		50
Benzyl Alcohol	89		86		40-140	3		50
Carbazole	95		92		54-128	3		50
Benzaldehyde	84		77		40-140	9		50
Caprolactam	103		97		15-130	6		50
Atrazine	129		124		40-140	4		50
2,3,4,6-Tetrachlorophenol	96		92		40-140	4		50
Pyridine	70		71		10-93	1		50
1-Methylnaphthalene	84		84		26-130	0		50

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG850500-2 WG850500-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		81		25-120
Phenol-d6	87		84		10-120
Nitrobenzene-d5	78		77		23-120
2-Fluorobiphenyl	89		86		30-120
2,4,6-Tribromophenol	107		102		10-136
4-Terphenyl-d14	89		88		18-120

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-01

Date Collected: 12/16/15 09:00

Client ID: SB-IRM4-102-SURF-3

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.1		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Barium, Total	22		mg/kg	0.47	0.14	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Beryllium, Total	0.33		mg/kg	0.23	0.05	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.47	0.03	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Chromium, Total	11		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Copper, Total	20		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Lead, Total	1.0	J	mg/kg	2.3	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Magnesium, Total	2500		mg/kg	4.7	0.47	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Manganese, Total	470		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Mercury, Total	0.17		mg/kg	0.08	0.02	1	12/17/15 10:20	12/17/15 13:16	EPA 7471B	1,7471B	DB
Nickel, Total	19		mg/kg	1.2	0.19	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Selenium, Total	0.14	J	mg/kg	0.94	0.14	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS
Zinc, Total	46		mg/kg	2.3	0.33	1	12/17/15 07:40	12/17/15 12:45	EPA 3050B	1,6010C	PS



Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-02

Date Collected: 12/16/15 09:20

Client ID: SB-IRM4-103-SURF-2

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	10		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Barium, Total	25		mg/kg	0.47	0.14	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Beryllium, Total	0.34		mg/kg	0.23	0.05	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.47	0.03	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Chromium, Total	12		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Copper, Total	20		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Lead, Total	ND		mg/kg	2.3	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Magnesium, Total	2500		mg/kg	4.7	0.47	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Manganese, Total	340		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Mercury, Total	0.30		mg/kg	0.07	0.02	1	12/17/15 10:20	12/17/15 13:27	EPA 7471B	1,7471B	DB
Nickel, Total	18		mg/kg	1.2	0.19	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Selenium, Total	0.24	J	mg/kg	0.93	0.14	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.47	0.09	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS
Zinc, Total	50		mg/kg	2.3	0.33	1	12/17/15 07:40	12/17/15 12:54	EPA 3050B	1,6010C	PS



Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-03

Date Collected: 12/16/15 09:10

Client ID: SB-IRM4-104-SURF-2

Date Received: 12/16/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.3		mg/kg	0.46	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Barium, Total	23		mg/kg	0.46	0.14	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Beryllium, Total	0.36		mg/kg	0.23	0.05	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.46	0.03	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Chromium, Total	12		mg/kg	0.46	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Copper, Total	19		mg/kg	0.46	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Lead, Total	0.25	J	mg/kg	2.3	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Magnesium, Total	2300		mg/kg	4.6	0.46	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Manganese, Total	350		mg/kg	0.46	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Mercury, Total	0.16		mg/kg	0.08	0.02	1	12/17/15 10:20	12/17/15 13:29	EPA 7471B	1,7471B	DB
Nickel, Total	17		mg/kg	1.1	0.18	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	0.91	0.14	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.46	0.09	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS
Zinc, Total	46		mg/kg	2.3	0.32	1	12/17/15 07:40	12/17/15 12:58	EPA 3050B	1,6010C	PS



Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG850501-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/17/15 06:05	12/17/15 13:12	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG850519-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.12	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.40	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.08	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/17/15 07:40	12/17/15 12:28	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG850501-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG850519-2 SRM Lot Number: D088-540								
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	92		-		83-117	-		
Cadmium, Total	99		-		83-117	-		
Chromium, Total	92		-		80-120	-		
Copper, Total	98		-		81-118	-		
Lead, Total	87		-		81-117	-		
Magnesium, Total	84		-		76-124	-		
Manganese, Total	96		-		81-118	-		
Nickel, Total	94		-		83-117	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	88		-		75-124	-		
Zinc, Total	92		-		82-118	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850501-4 QC Sample: L1533372-01 Client ID: SB-IRM4-102-SURF-3												
Mercury, Total	0.17	0.16	0.36	119		-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850519-4 QC Sample: L1533372-01 Client ID: SB-IRM4-102-SURF-3												
Arsenic, Total	9.1	11.4	20	95		-	-		75-125	-		20
Barium, Total	22.	191	200	93		-	-		75-125	-		20
Beryllium, Total	0.33	4.77	4.6	89		-	-		75-125	-		20
Cadmium, Total	ND	4.87	4.6	94		-	-		75-125	-		20
Chromium, Total	11.	19.1	28	89		-	-		75-125	-		20
Copper, Total	20.	23.9	43	96		-	-		75-125	-		20
Lead, Total	1.0J	48.7	44	90		-	-		75-125	-		20
Magnesium, Total	2500	955	3400	94		-	-		75-125	-		20
Manganese, Total	470	47.7	490	42	Q	-	-		75-125	-		20
Nickel, Total	19.	47.7	59	84		-	-		75-125	-		20
Selenium, Total	0.14J	11.4	11	96		-	-		75-125	-		20
Silver, Total	ND	28.6	26	91		-	-		75-125	-		20
Zinc, Total	46.	47.7	84	80		-	-		75-125	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1533372
Report Date: 12/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850501-3 QC Sample: L1533372-01 Client ID: SB-IRM4-102-SURF-3						
Mercury, Total	0.17	0.14	mg/kg	19		20
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850519-3 QC Sample: L1533372-01 Client ID: SB-IRM4-102-SURF-3						
Arsenic, Total	9.1	8.4	mg/kg	8		20
Barium, Total	22.	20	mg/kg	10		20
Beryllium, Total	0.33	0.29	mg/kg	13		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	11.	11	mg/kg	0		20
Copper, Total	20.	19	mg/kg	5		20
Lead, Total	1.0J	0.62J	mg/kg	NC		20
Magnesium, Total	2500	2400	mg/kg	4		20
Manganese, Total	470	410	mg/kg	14		20
Nickel, Total	19.	18	mg/kg	5		20
Selenium, Total	0.14J	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	46.	42	mg/kg	9		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-01
Client ID: SB-IRM4-102-SURF-3
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/16/15 09:00
Date Received: 12/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	11	J	mg/kg	0.96	0.96	1	-	12/17/15 12:45	107,-	
Solids, Total	83.6		%	0.100	NA	1	-	12/17/15 04:45	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.2	0.19	1	12/17/15 09:40	12/17/15 13:41	1,9010C/9012B	JO
Chromium, Hexavalent	0.19	J	mg/kg	0.96	0.19	1	12/17/15 08:00	12/17/15 12:29	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-02
 Client ID: SB-IRM4-103-SURF-2
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 12/16/15 09:20
 Date Received: 12/16/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	12		mg/kg	0.94	0.94	1	-	12/17/15 12:54	107,-	
Solids, Total	84.8		%	0.100	NA	1	-	12/17/15 04:45	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.19	1	12/17/15 09:40	12/17/15 13:57	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	12/17/15 08:00	12/17/15 12:29	1,7196A	JT



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

SAMPLE RESULTS

Lab ID: L1533372-03
Client ID: SB-IRM4-104-SURF-2
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/16/15 09:10
Date Received: 12/16/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	12	J	mg/kg	0.92	0.92	1	-	12/17/15 12:58	107,-	
Solids, Total	86.5		%	0.100	NA	1	-	12/17/15 04:45	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/17/15 09:40	12/17/15 13:46	1,9010C/9012B	JO
Chromium, Hexavalent	0.25	J	mg/kg	0.92	0.18	1	12/17/15 08:00	12/17/15 12:30	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1533372

Project Number: 34201-313

Report Date: 12/17/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG850534-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/17/15 08:00	12/17/15 12:28	1,7196A	JT
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG850595-1										
Cyanide, Total	ND		mg/kg	0.93	0.15	1	12/17/15 09:40	12/17/15 13:35	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG850534-2								
Chromium, Hexavalent	81		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG850595-2 WG850595-3								
Cyanide, Total	110		99		80-120	10		35

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850534-4 QC Sample: L1533372-02 Client ID: SB-IRM4-103-SURF-2												
Chromium, Hexavalent	ND	1550	1600	100		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850595-4 WG850595-5 QC Sample: L1533372-01 Client ID: SB-IRM4-102-SURF-3												
Cyanide, Total	ND	11	11	97		11	99		65-135	0		35

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1533372
Report Date: 12/17/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850497-1 QC Sample: L1533261-01 Client ID: DUP Sample						
Solids, Total	75.8	75.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG850534-6 QC Sample: L1533372-02 Client ID: SB-IRM4-103-SURF-2						
Chromium, Hexavalent	ND	0.19J	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1533372

Report Date: 12/17/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1533372-01A	Glass 120ml/4oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),ASP-B(),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1533372-01B	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),ASP-B(),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1533372-02A	Glass 120ml/4oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1533372-02B	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)
L1533372-03A	Glass 120ml/4oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1533372**Report Date:** 12/17/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1533372-03B	Glass 250ml/8oz unpreserved	A	N/A	3.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1533372
Report Date: 12/17/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

APPENDIX D

Reuse Material Sample Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L1530884
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	11/30/15

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1530884-01	IRM-4-DISCRETE	SOIL	BATH, NY	11/23/15 10:40	11/23/15
L1530884-02	IRM-4-COMPOSITE	SOIL	BATH, NY	11/23/15 10:50	11/23/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Case Narrative (continued)

Report Submission

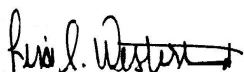
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG844569-3 LCSD recoveries, associated with L1530884-02, are below the acceptance criteria for 2,4-dinitrophenol (0%) and benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 11/30/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-01
Client ID: IRM-4-DISCRETE
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 11:34
Analyst: BN
Percent Solids: 83%

Date Collected: 11/23/15 10:40
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	2.3		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-01
Client ID: IRM-4-DISCRETE
Sample Location: BATH, NY

Date Collected: 11/23/15 10:40
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	7.0	J	ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
Methyl Acetate	ND		ug/kg	24	0.33	1
Cyclohexane	ND		ug/kg	24	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	24	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/28/15 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG844976-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/28/15 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG844976-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds

ND

ug/kg

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530884**Project Number:** 34201-313**Report Date:** 11/30/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/28/15 11:06

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG844976-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG844976-1 WG844976-2								
Methylene chloride	100		102		70-130	2		30
1,1-Dichloroethane	100		101		70-130	1		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	96		98		70-130	2		30
2-Chloroethylvinyl ether	87		107		70-130	21		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	101		105		70-130	4		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	93		106		70-130	13		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	96		100		70-130	4		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	101		102		70-130	1		30
Toluene	93		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG844976-1 WG844976-2								
Ethylbenzene	95		94		70-130	1		30
Chloromethane	101		100		52-130	1		30
Bromomethane	103		105		57-147	2		30
Vinyl chloride	110		108		67-130	2		30
Chloroethane	99		99		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	101		101		70-130	0		30
1,2-Dichlorobenzene	102		94		70-130	8		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	99		104		66-130	5		30
p/m-Xylene	99		93		70-130	6		30
o-Xylene	99		100		70-130	1		30
cis-1,2-Dichloroethene	100		101		70-130	1		30
Dibromomethane	105		108		70-130	3		30
Styrene	99		102		70-130	3		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	103		110		54-140	7		30
Carbon disulfide	96		93		59-130	3		30
2-Butanone	109		114		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG844976-1 WG844976-2								
Vinyl acetate	107		112		70-130	5		30
4-Methyl-2-pentanone	83		90		70-130	8		30
1,2,3-Trichloropropane	94		99		68-130	5		30
2-Hexanone	90		93		70-130	3		30
Bromochloromethane	108		111		70-130	3		30
2,2-Dichloropropane	105		102		70-130	3		30
1,2-Dibromoethane	98		100		70-130	2		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	100		98		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	97		89		70-130	9		30
sec-Butylbenzene	95		90		70-130	5		30
tert-Butylbenzene	95		91		70-130	4		30
o-Chlorotoluene	96		91		70-130	5		30
p-Chlorotoluene	93		90		70-130	3		30
1,2-Dibromo-3-chloropropane	99		105		68-130	6		30
Hexachlorobutadiene	103		99		67-130	4		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	104		108		70-130	4		30
Acrylonitrile	105		113		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG844976-1 WG844976-2								
Isopropyl Ether	99		102		66-130	3		30
tert-Butyl Alcohol	104		115		70-130	10		30
n-Propylbenzene	92		86		70-130	7		30
1,2,3-Trichlorobenzene	105		105		70-130	0		30
1,2,4-Trichlorobenzene	104		102		70-130	2		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		93		70-130	4		30
Methyl Acetate	101		112		51-146	10		30
Ethyl Acetate	105		115		70-130	9		30
Acrolein	97		108		70-130	11		30
Cyclohexane	101		98		59-142	3		30
1,4-Dioxane	91		110		65-136	19		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		98		50-139	5		30
p-Diethylbenzene	94		90		70-130	4		30
p-Ethyltoluene	96		92		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Tetrahydrofuran	108		120		66-130	11		30
Ethyl ether	92		104		67-130	12		30
trans-1,4-Dichloro-2-butene	94		96		70-130	2		30
Methyl cyclohexane	105		100		70-130	5		30
Ethyl-Tert-Butyl-Ether	100		103		70-130	3		30

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG844976-1 WG844976-2								
Tertiary-Amyl Methyl Ether	100		105		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		102		70-130
Toluene-d8	97		104		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02
Client ID: IRM-4-COMPOSITE
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/28/15 21:03
Analyst: KR
Percent Solids: 87%

Date Collected: 11/23/15 10:50
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	300		ug/kg	110	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	ND		ug/kg	190	63.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	120		ug/kg	110	37.	1
Benzo(a)pyrene	120	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	150		ug/kg	110	38.	1
Benzo(k)fluoranthene	61	J	ug/kg	110	36.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02

Date Collected: 11/23/15 10:50

Client ID: IRM-4-COMPOSITE

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	120		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	36.	1
Anthracene	48	J	ug/kg	110	32.	1
Benzo(ghi)perylene	76	J	ug/kg	150	40.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	190		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	37.	1
Indeno(1,2,3-cd)pyrene	81	J	ug/kg	150	42.	1
Pyrene	260		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	63.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	64.	1
2-Methylnaphthalene	ND		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	910	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Carbazole	ND		ug/kg	190	41.	1
Benzaldehyde	86	J	ug/kg	250	77.	1
Caprolactam	ND		ug/kg	190	52.	1
Atrazine	ND		ug/kg	150	43.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	32.	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02
Client ID: IRM-4-COMPOSITE
Sample Location: BATH, NY

Date Collected: 11/23/15 10:50
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	93		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG844569-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG844569-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	44.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	34.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG844569-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	65.
Caprolactam	ND		ug/kg	160	44.
Atrazine	ND		ug/kg	130	36.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG844569-2 WG844569-3								
Acenaphthene	90		69		31-137	26		50
Benzidine	33		21		10-66	44		50
n-Nitrosodimethylamine	74		58		22-100	24		50
1,2,4-Trichlorobenzene	83		65		38-107	24		50
Hexachlorobenzene	93		72		40-140	25		50
Bis(2-chloroethyl)ether	74		58		40-140	24		50
2-Chloronaphthalene	91		70		40-140	26		50
1,2-Dichlorobenzene	79		62		40-140	24		50
1,3-Dichlorobenzene	77		62		40-140	22		50
1,4-Dichlorobenzene	78		63		28-104	21		50
3,3'-Dichlorobenzidine	79		62		40-140	24		50
2,4-Dinitrotoluene	100	Q	76		28-89	27		50
2,6-Dinitrotoluene	98		75		40-140	27		50
Fluoranthene	100		76		40-140	27		50
4-Chlorophenyl phenyl ether	90		70		40-140	25		50
4-Bromophenyl phenyl ether	92		71		40-140	26		50
Azobenzene	81		63		40-140	25		50
Bis(2-chloroisopropyl)ether	58		47		40-140	21		50
Bis(2-chloroethoxy)methane	82		64		40-117	25		50
Hexachlorobutadiene	83		66		40-140	23		50
Hexachlorocyclopentadiene	75		61		40-140	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG844569-2 WG844569-3								
Hexachloroethane	75		59		40-140	24		50
Isophorone	83		65		40-140	24		50
Naphthalene	85		66		40-140	25		50
Nitrobenzene	73		58		40-140	23		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		71		36-157	27		50
n-Nitrosodi-n-propylamine	79		62		32-121	24		50
Bis(2-Ethylhexyl)phthalate	99		78		40-140	24		50
Butyl benzyl phthalate	107		84		40-140	24		50
Di-n-butylphthalate	101		79		40-140	24		50
Di-n-octylphthalate	102		82		40-140	22		50
Diethyl phthalate	92		71		40-140	26		50
Dimethyl phthalate	93		72		40-140	25		50
Benzo(a)anthracene	93		72		40-140	25		50
Benzo(a)pyrene	97		75		40-140	26		50
Benzo(b)fluoranthene	92		72		40-140	24		50
Benzo(k)fluoranthene	95		72		40-140	28		50
Chrysene	93		69		40-140	30		50
Acenaphthylene	96		74		40-140	26		50
Anthracene	97		75		40-140	26		50
Benzo(ghi)perylene	98		76		40-140	25		50
Fluorene	92		70		40-140	27		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG844569-2 WG844569-3								
Phenanthrene	92		71		40-140	26		50
Dibenzo(a,h)anthracene	100		76		40-140	27		50
Indeno(1,2,3-cd)Pyrene	102		79		40-140	25		50
Pyrene	99		76		35-142	26		50
Biphenyl	90		69		54-104	26		50
Aniline	55		43		40-140	24		50
4-Chloroaniline	74		60		40-140	21		50
2-Nitroaniline	100		76		47-134	27		50
3-Nitroaniline	87		65		26-129	29		50
4-Nitroaniline	98		72		41-125	31		50
Dibenzofuran	93		71		40-140	27		50
2-Methylnaphthalene	92		73		40-140	23		50
1,2,4,5-Tetrachlorobenzene	85		67		40-117	24		50
Acetophenone	91		72		14-144	23		50
2,4,6-Trichlorophenol	98		74		30-130	28		50
P-Chloro-M-Cresol	99		76		26-103	26		50
2-Chlorophenol	88		67		25-102	27		50
2,4-Dichlorophenol	93		72		30-130	25		50
2,4-Dimethylphenol	90		73		30-130	21		50
2-Nitrophenol	92		72		30-130	24		50
4-Nitrophenol	100		75		11-114	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG844569-2 WG844569-3								
2,4-Dinitrophenol	20		0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	67		29		10-130	79	Q	50
Pentachlorophenol	84		55		17-109	42		50
Phenol	80		61		26-90	27		50
2-Methylphenol	91		71		30-130	25		50
3-Methylphenol/4-Methylphenol	94		71		30-130	28		50
2,4,5-Trichlorophenol	100		74		30-130	30		50
Benzoic Acid	10		0	Q	10-66	NC		50
Benzyl Alcohol	89		69		40-140	25		50
Carbazole	99		75		54-128	28		50
Benzaldehyde	84		68		40-140	21		50
Caprolactam	84		67		15-130	23		50
Atrazine	105		80		40-140	27		50
2,3,4,6-Tetrachlorophenol	94		70		40-140	29		50
Pyridine	48		40		10-93	18		50
Parathion, ethyl	104		81		40-140	25		50
1-Methylnaphthalene	86		68		26-130	23		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG844569-2 WG844569-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		56		25-120
Phenol-d6	84		65		10-120
Nitrobenzene-d5	79		61		23-120
2-Fluorobiphenyl	91		70		30-120
2,4,6-Tribromophenol	99		77		10-136
4-Terphenyl-d14	97		76		18-120

PCBS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02
Client ID: IRM-4-COMPOSITE
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/27/15 23:38
Analyst: JT
Percent Solids: 87%

Date Collected: 11/23/15 10:50
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/25/15 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 11/27/15
Cleanup Method: EPA 3660B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	ND		ug/kg	37.0	3.04	1	A
Aroclor 1260	ND		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.37	1	A
PCBs, Total	ND		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 11/27/15 23:55
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 11/25/15 14:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/27/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG844412-1						
Aroclor 1016	ND		ug/kg	32.7	2.59	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.84	A
Aroclor 1242	ND		ug/kg	32.7	4.01	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.50	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.75	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG844412-2 WG844412-3									
Aroclor 1016	74		74		40-140	0		50	A
Aroclor 1260	72		75		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		96		30-150	A
Decachlorobiphenyl	75		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	B
Decachlorobiphenyl	85		93		30-150	B

PESTICIDES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02
Client ID: IRM-4-COMPOSITE
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/28/15 11:09
Analyst: KE
Percent Solids: 87%

Date Collected: 11/23/15 10:50
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 04:28
Cleanup Method: EPA 3620B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin aldehyde	ND		ug/kg	2.26	0.792	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG844591-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG844591-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	100		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG844591-2 WG844591-3									
Delta-BHC	88		104		30-150	17		30	A
Lindane	85		98		30-150	14		30	A
Alpha-BHC	89		102		30-150	14		30	A
Beta-BHC	111		122		30-150	9		30	A
Heptachlor	95		115		30-150	19		30	A
Aldrin	87		104		30-150	18		30	A
Heptachlor epoxide	94		114		30-150	19		30	A
Endrin	90		107		30-150	17		30	A
Endrin aldehyde	72		92		30-150	24		30	A
Endrin ketone	84		99		30-150	16		30	A
Dieldrin	89		104		30-150	16		30	A
4,4'-DDE	90		109		30-150	19		30	A
4,4'-DDD	90		109		30-150	19		30	A
4,4'-DDT	103		120		30-150	15		30	A
Endosulfan I	90		105		30-150	15		30	A
Endosulfan II	101		121		30-150	18		30	A
Endosulfan sulfate	83		94		30-150	12		30	A
Methoxychlor	99		111		30-150	11		30	A
cis-Chlordane	92		111		30-150	19		30	A
trans-Chlordane	95		106		30-150	11		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG844591-2 WG844591-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		88		30-150	B
Decachlorobiphenyl	94		103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		102		30-150	A
Decachlorobiphenyl	95		108		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02

Date Collected: 11/23/15 10:50

Client ID: IRM-4-COMPOSITE

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.7		mg/kg	0.45	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Barium, Total	42		mg/kg	0.45	0.14	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Beryllium, Total	0.33		mg/kg	0.23	0.05	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Chromium, Total	10		mg/kg	0.45	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Copper, Total	26		mg/kg	0.45	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Lead, Total	4.7		mg/kg	2.3	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Manganese, Total	490		mg/kg	0.45	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	11/24/15 11:10	11/25/15 15:47	EPA 7471B	1,7471B	DB
Nickel, Total	19		mg/kg	1.1	0.18	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.90	0.14	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH
Zinc, Total	74		mg/kg	2.3	0.32	1	11/24/15 04:38	11/24/15 13:20	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG843739-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	11/24/15 11:10	11/25/15 15:04	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG843751-1										
Arsenic, Total	0.12	J	mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG843739-2 SRM Lot Number: D088-540								
Mercury, Total	101		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG843751-2 SRM Lot Number: D088-540								
Arsenic, Total	105		-		79-121	-		
Barium, Total	99		-		83-117	-		
Beryllium, Total	97		-		83-117	-		
Cadmium, Total	92		-		83-117	-		
Chromium, Total	90		-		80-120	-		
Copper, Total	90		-		81-118	-		
Lead, Total	88		-		81-117	-		
Manganese, Total	93		-		81-118	-		
Nickel, Total	93		-		83-117	-		
Selenium, Total	91		-		78-122	-		
Silver, Total	98		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG843739-4 QC Sample: L1530885-06 Client ID: MS Sample												
Mercury, Total	ND	0.134	0.16	119		-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG843751-4 QC Sample: L1530824-01 Client ID: MS Sample												
Arsenic, Total	16.	12.9	32	124		-	-		75-125	-		20
Barium, Total	52.	216	270	101		-	-		75-125	-		20
Beryllium, Total	0.45J	5.39	5.6	104		-	-		75-125	-		20
Cadmium, Total	0.09J	5.5	5.6	102		-	-		75-125	-		20
Chromium, Total	29.	21.6	67	176	Q	-	-		75-125	-		20
Copper, Total	66.	26.9	100	126	Q	-	-		75-125	-		20
Lead, Total	170	55	130	0	Q	-	-		75-125	-		20
Manganese, Total	680	53.9	660	0	Q	-	-		75-125	-		20
Nickel, Total	15.	53.9	65	93		-	-		75-125	-		20
Selenium, Total	ND	12.9	12	93		-	-		75-125	-		20
Silver, Total	ND	32.3	30	93		-	-		75-125	-		20
Zinc, Total	470	53.9	500	56	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG843739-3 QC Sample: L1530885-06 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG843751-3 QC Sample: L1530824-01 Client ID: DUP Sample						
Lead, Total	170	110	mg/kg	43	Q	20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530884**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530884-01**Client ID:** IRM-4-DISCRETE**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 10:40**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530884-02
 Client ID: IRM-4-COMPOSITE
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 11/23/15 10:50
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	10		mg/kg	0.92	0.92	1	-	11/28/15 14:55	107,-	
Solids, Total	86.7		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.25	1	11/24/15 09:30	11/25/15 09:21	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	11/25/15 06:55	11/28/15 14:55	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG843798-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	11/24/15 09:30	11/25/15 09:16	1,9010C/9012B	ML
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG844205-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	11/25/15 06:55	11/28/15 14:53	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG843798-2 WG843798-3								
Cyanide, Total	106		103		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG844205-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1530884

Project Number: 34201-313

Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG843798-4 WG843798-5 QC Sample: L1530884-02 Client ID: IRM-4-COMPOSITE												
Cyanide, Total	ND	11	10	90		10	90		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG844205-4 QC Sample: L1530884-02 Client ID: IRM-4-COMPOSITE												
Chromium, Hexavalent	ND	1350	1300	96		-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG843762-1 QC Sample: L1530617-01 Client ID: DUP Sample						
Solids, Total	89.1	89.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG844205-6 QC Sample: L1530884-02 Client ID: IRM-4-COMPOSITE						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530884

Report Date: 11/30/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/24/2015 02:59

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1530884-01A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530884-01B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530884-01C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530884-01D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530884-02A	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

Container Comments

L1530884-02A

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530884
Report Date: 11/30/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; Iodomethane (methyl iodide) (soil); Methyl methacrylate (soil); Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

of

Date Rec'd
in Lab

L1530884

Project Name:	Philips Bath IRMs

Project Location:	Bath, NY

Project # 34201-313

(Use Project name as Project #) ☐

Project Manager: Jeremy DeGrande (jdegrande@haleyaldrich.com)

ALPHAQuote #: 2014230R1

Standard ☐ Due Date: 11/30/15
Rush (only if pre approved) ☒ 3-DAY # of Days:

Order by Alpha ☐

ents:

[illegible]

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:

Date/Time

Received By:

Date/Time

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S **TERMS & CONDITIONS.**

APPENDIX E

Imported Material Sample Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L1530885
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	11/30/15

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1530885-01	IRM-BR-DISCRETE-01	SOIL	BATH, NY	11/23/15 16:07	11/23/15
L1530885-02	IRM-BR-DISCRETE-02	SOIL	BATH, NY	11/23/15 16:10	11/23/15
L1530885-03	IRM-BR-DISCRETE-03	SOIL	BATH, NY	11/23/15 16:12	11/23/15
L1530885-04	IRM-BR-DISCRETE-04	SOIL	BATH, NY	11/23/15 16:16	11/23/15
L1530885-05	IRM-BR-DISCRETE-05	SOIL	BATH, NY	11/23/15 16:20	11/23/15
L1530885-06	IRM-BR-COMPOSITE-01	SOIL	BATH, NY	11/23/15 16:00	11/23/15
L1530885-07	IRM-BR-COMPOSITE-02	SOIL	BATH, NY	11/23/15 16:05	11/23/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

Case Narrative (continued)

Report Submission

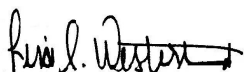
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG844569-3 LCSD recoveries, associated with L1530885-06 and -07, are below the acceptance criteria for 2,4-dinitrophenol (0%) and benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 11/30/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-01
Client ID: IRM-BR-DISCRETE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 12:01
Analyst: BN
Percent Solids: 97%

Date Collected: 11/23/15 16:07
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.4	1.0	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.08	1
Chloroform	ND		ug/kg	1.4	0.35	1
Carbon tetrachloride	ND		ug/kg	0.94	0.20	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.21	1
Dibromochloromethane	ND		ug/kg	0.94	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.94	0.13	1
Chlorobenzene	ND		ug/kg	0.94	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.36	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.94	0.10	1
Bromodichloromethane	ND		ug/kg	0.94	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.94	0.11	1
Bromoform	ND		ug/kg	3.8	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.94	0.10	1
Benzene	ND		ug/kg	0.94	0.11	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.94	0.12	1
Chloromethane	ND		ug/kg	4.7	0.28	1
Bromomethane	ND		ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.11	1
Chloroethane	ND		ug/kg	1.9	0.30	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Trichloroethene	ND		ug/kg	0.94	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.13	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-01
 Client ID: IRM-BR-DISCRETE-01
 Sample Location: BATH, NY

Date Collected: 11/23/15 16:07
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.9	0.08	1
p/m-Xylene	ND		ug/kg	1.9	0.19	1
o-Xylene	ND		ug/kg	1.9	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.13	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.18	1
Acetone	ND		ug/kg	9.4	0.97	1
Carbon disulfide	ND		ug/kg	9.4	1.0	1
2-Butanone	ND		ug/kg	9.4	0.26	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	0.23	1
2-Hexanone	ND		ug/kg	9.4	0.63	1
Bromochloromethane	ND		ug/kg	4.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.37	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.17	1
Methyl Acetate	ND		ug/kg	19	0.25	1
Cyclohexane	ND		ug/kg	19	0.14	1
1,4-Dioxane	ND		ug/kg	94	14.	1
Freon-113	ND		ug/kg	19	0.26	1
Methyl cyclohexane	ND		ug/kg	3.8	0.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-02
 Client ID: IRM-BR-DISCRETE-02
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/29/15 14:14
 Analyst: BN
 Percent Solids: 94%

Date Collected: 11/23/15 16:10
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.7	0.85	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.28	1
Carbon tetrachloride	ND		ug/kg	0.77	0.16	1
1,2-Dichloropropane	ND		ug/kg	2.7	0.18	1
Dibromochloromethane	ND		ug/kg	0.77	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.23	1
Tetrachloroethene	ND		ug/kg	0.77	0.11	1
Chlorobenzene	ND		ug/kg	0.77	0.27	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.30	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.77	0.09	1
Bromodichloromethane	ND		ug/kg	0.77	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.77	0.09	1
Bromoform	ND		ug/kg	3.1	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.77	0.08	1
Benzene	ND		ug/kg	0.77	0.09	1
Toluene	ND		ug/kg	1.2	0.15	1
Ethylbenzene	ND		ug/kg	0.77	0.10	1
Chloromethane	ND		ug/kg	3.8	0.23	1
Bromomethane	ND		ug/kg	1.5	0.26	1
Vinyl chloride	ND		ug/kg	1.5	0.09	1
Chloroethane	ND		ug/kg	1.5	0.24	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Trichloroethene	ND		ug/kg	0.77	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.11	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-02
 Client ID: IRM-BR-DISCRETE-02
 Sample Location: BATH, NY

Date Collected: 11/23/15 16:10
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.5	0.07	1
p/m-Xylene	ND		ug/kg	1.5	0.15	1
o-Xylene	ND		ug/kg	1.5	0.13	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.11	1
Styrene	ND		ug/kg	1.5	0.31	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.15	1
Acetone	8.4		ug/kg	7.7	0.80	1
Carbon disulfide	ND		ug/kg	7.7	0.85	1
2-Butanone	ND		ug/kg	7.7	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.19	1
2-Hexanone	ND		ug/kg	7.7	0.51	1
Bromochloromethane	ND		ug/kg	3.8	0.21	1
1,2-Dibromoethane	ND		ug/kg	3.1	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	0.30	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.14	1
Methyl Acetate	ND		ug/kg	15	0.21	1
Cyclohexane	ND		ug/kg	15	0.11	1
1,4-Dioxane	ND		ug/kg	77	11.	1
Freon-113	ND		ug/kg	15	0.21	1
Methyl cyclohexane	ND		ug/kg	3.1	0.12	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	109		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-03
Client ID: IRM-BR-DISCRETE-03
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 12:55
Analyst: BN
Percent Solids: 95%

Date Collected: 11/23/15 16:12
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	0.80	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.06	1
Chloroform	ND		ug/kg	1.1	0.27	1
Carbon tetrachloride	ND		ug/kg	0.72	0.15	1
1,2-Dichloropropane	ND		ug/kg	2.5	0.16	1
Dibromochloromethane	ND		ug/kg	0.72	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.22	1
Tetrachloroethene	ND		ug/kg	0.72	0.10	1
Chlorobenzene	ND		ug/kg	0.72	0.25	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.28	1
1,2-Dichloroethane	ND		ug/kg	0.72	0.08	1
1,1,1-Trichloroethane	ND		ug/kg	0.72	0.08	1
Bromodichloromethane	ND		ug/kg	0.72	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	0.72	0.09	1
cis-1,3-Dichloropropene	ND		ug/kg	0.72	0.09	1
Bromoform	ND		ug/kg	2.9	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.07	1
Benzene	ND		ug/kg	0.72	0.09	1
Toluene	ND		ug/kg	1.1	0.14	1
Ethylbenzene	ND		ug/kg	0.72	0.09	1
Chloromethane	ND		ug/kg	3.6	0.21	1
Bromomethane	ND		ug/kg	1.4	0.24	1
Vinyl chloride	ND		ug/kg	1.4	0.09	1
Chloroethane	ND		ug/kg	1.4	0.23	1
1,1-Dichloroethene	ND		ug/kg	0.72	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Trichloroethene	ND		ug/kg	0.72	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.10	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-03
 Client ID: IRM-BR-DISCRETE-03
 Sample Location: BATH, NY

Date Collected: 11/23/15 16:12
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.4	0.06	1
p/m-Xylene	ND		ug/kg	1.4	0.14	1
o-Xylene	ND		ug/kg	1.4	0.12	1
cis-1,2-Dichloroethene	ND		ug/kg	0.72	0.10	1
Styrene	ND		ug/kg	1.4	0.29	1
Dichlorodifluoromethane	ND		ug/kg	7.2	0.14	1
Acetone	5.8	J	ug/kg	7.2	0.75	1
Carbon disulfide	ND		ug/kg	7.2	0.80	1
2-Butanone	ND		ug/kg	7.2	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	7.2	0.18	1
2-Hexanone	ND		ug/kg	7.2	0.48	1
Bromochloromethane	ND		ug/kg	3.6	0.20	1
1,2-Dibromoethane	ND		ug/kg	2.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	0.29	1
Isopropylbenzene	ND		ug/kg	0.72	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.11	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.13	1
Methyl Acetate	ND		ug/kg	14	0.20	1
Cyclohexane	ND		ug/kg	14	0.10	1
1,4-Dioxane	ND		ug/kg	72	10.	1
Freon-113	ND		ug/kg	14	0.20	1
Methyl cyclohexane	ND		ug/kg	2.9	0.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-04
Client ID: IRM-BR-DISCRETE-04
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 13:22
Analyst: BN
Percent Solids: 95%

Date Collected: 11/23/15 16:16
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.3	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.14	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.7	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.19	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-04
 Client ID: IRM-BR-DISCRETE-04
 Sample Location: BATH, NY

Date Collected: 11/23/15 16:16
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.26	1
Acetone	18		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.37	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.33	1
2-Hexanone	ND		ug/kg	13	0.90	1
Bromochloromethane	ND		ug/kg	6.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
Methyl Acetate	ND		ug/kg	27	0.36	1
Cyclohexane	ND		ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.37	1
Methyl cyclohexane	ND		ug/kg	5.4	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	111		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-05
Client ID: IRM-BR-DISCRETE-05
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 13:49
Analyst: BN
Percent Solids: 96%

Date Collected: 11/23/15 16:20
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	0.89	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.07	1
Chloroform	ND		ug/kg	1.2	0.30	1
Carbon tetrachloride	ND		ug/kg	0.80	0.17	1
1,2-Dichloropropane	ND		ug/kg	2.8	0.18	1
Dibromochloromethane	ND		ug/kg	0.80	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.24	1
Tetrachloroethene	ND		ug/kg	0.80	0.11	1
Chlorobenzene	ND		ug/kg	0.80	0.28	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.31	1
1,2-Dichloroethane	ND		ug/kg	0.80	0.09	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.09	1
Bromodichloromethane	ND		ug/kg	0.80	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	0.80	0.10	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.10	1
Bromoform	ND		ug/kg	3.2	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.08	1
Benzene	ND		ug/kg	0.80	0.10	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.80	0.10	1
Chloromethane	ND		ug/kg	4.0	0.24	1
Bromomethane	ND		ug/kg	1.6	0.27	1
Vinyl chloride	ND		ug/kg	1.6	0.09	1
Chloroethane	ND		ug/kg	1.6	0.25	1
1,1-Dichloroethene	ND		ug/kg	0.80	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Trichloroethene	ND		ug/kg	0.80	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.11	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-05
 Client ID: IRM-BR-DISCRETE-05
 Sample Location: BATH, NY

Date Collected: 11/23/15 16:20
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.6	0.07	1
p/m-Xylene	ND		ug/kg	1.6	0.16	1
o-Xylene	ND		ug/kg	1.6	0.14	1
cis-1,2-Dichloroethene	ND		ug/kg	0.80	0.12	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	8.0	0.15	1
Acetone	ND		ug/kg	8.0	0.83	1
Carbon disulfide	ND		ug/kg	8.0	0.89	1
2-Butanone	ND		ug/kg	8.0	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	8.0	0.20	1
2-Hexanone	ND		ug/kg	8.0	0.54	1
Bromochloromethane	ND		ug/kg	4.0	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.2	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	0.32	1
Isopropylbenzene	ND		ug/kg	0.80	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.12	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.15	1
Methyl Acetate	ND		ug/kg	16	0.22	1
Cyclohexane	ND		ug/kg	16	0.12	1
1,4-Dioxane	ND		ug/kg	80	12.	1
Freon-113	ND		ug/kg	16	0.22	1
Methyl cyclohexane	ND		ug/kg	3.2	0.12	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/28/15 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG844976-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/28/15 11:06

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG844976-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds

ND

ug/kg

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/28/15 11:06

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG844976-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:12
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG845023-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/29/15 10:12
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG845023-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/29/15 10:12

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG845023-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	82		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG844976-1 WG844976-2								
Methylene chloride	100		102		70-130	2		30
1,1-Dichloroethane	100		101		70-130	1		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	96		98		70-130	2		30
2-Chloroethylvinyl ether	87		107		70-130	21		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	101		105		70-130	4		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	93		106		70-130	13		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	96		100		70-130	4		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	101		102		70-130	1		30
Toluene	93		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG844976-1 WG844976-2								
Ethylbenzene	95		94		70-130	1		30
Chloromethane	101		100		52-130	1		30
Bromomethane	103		105		57-147	2		30
Vinyl chloride	110		108		67-130	2		30
Chloroethane	99		99		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	101		101		70-130	0		30
1,2-Dichlorobenzene	102		94		70-130	8		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	99		104		66-130	5		30
p/m-Xylene	99		93		70-130	6		30
o-Xylene	99		100		70-130	1		30
cis-1,2-Dichloroethene	100		101		70-130	1		30
Dibromomethane	105		108		70-130	3		30
Styrene	99		102		70-130	3		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	103		110		54-140	7		30
Carbon disulfide	96		93		59-130	3		30
2-Butanone	109		114		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG844976-1 WG844976-2								
Vinyl acetate	107		112		70-130	5		30
4-Methyl-2-pentanone	83		90		70-130	8		30
1,2,3-Trichloropropane	94		99		68-130	5		30
2-Hexanone	90		93		70-130	3		30
Bromochloromethane	108		111		70-130	3		30
2,2-Dichloropropane	105		102		70-130	3		30
1,2-Dibromoethane	98		100		70-130	2		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	100		98		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	97		89		70-130	9		30
sec-Butylbenzene	95		90		70-130	5		30
tert-Butylbenzene	95		91		70-130	4		30
o-Chlorotoluene	96		91		70-130	5		30
p-Chlorotoluene	93		90		70-130	3		30
1,2-Dibromo-3-chloropropane	99		105		68-130	6		30
Hexachlorobutadiene	103		99		67-130	4		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	104		108		70-130	4		30
Acrylonitrile	105		113		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG844976-1 WG844976-2								
Isopropyl Ether	99		102		66-130	3		30
tert-Butyl Alcohol	104		115		70-130	10		30
n-Propylbenzene	92		86		70-130	7		30
1,2,3-Trichlorobenzene	105		105		70-130	0		30
1,2,4-Trichlorobenzene	104		102		70-130	2		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		93		70-130	4		30
Methyl Acetate	101		112		51-146	10		30
Ethyl Acetate	105		115		70-130	9		30
Acrolein	97		108		70-130	11		30
Cyclohexane	101		98		59-142	3		30
1,4-Dioxane	91		110		65-136	19		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		98		50-139	5		30
p-Diethylbenzene	94		90		70-130	4		30
p-Ethyltoluene	96		92		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Tetrahydrofuran	108		120		66-130	11		30
Ethyl ether	92		104		67-130	12		30
trans-1,4-Dichloro-2-butene	94		96		70-130	2		30
Methyl cyclohexane	105		100		70-130	5		30
Ethyl-Tert-Butyl-Ether	100		103		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG844976-1 WG844976-2								
Tertiary-Amyl Methyl Ether	100		105		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		102		70-130
Toluene-d8	97		104		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG845023-1 WG845023-2								
Methylene chloride	116		123		70-130	6		30
1,1-Dichloroethane	126		127		70-130	1		30
Chloroform	121		119		70-130	2		30
Carbon tetrachloride	126		121		70-130	4		30
1,2-Dichloropropane	112		99		70-130	12		30
Dibromochloromethane	103		107		70-130	4		30
2-Chloroethylvinyl ether	112		100		70-130	11		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	109		105		70-130	4		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	132		129		70-139	2		30
1,2-Dichloroethane	127		125		70-130	2		30
1,1,1-Trichloroethane	124		120		70-130	3		30
Bromodichloromethane	121		111		70-130	9		30
trans-1,3-Dichloropropene	105		106		70-130	1		30
cis-1,3-Dichloropropene	118		105		70-130	12		30
1,1-Dichloropropene	115		110		70-130	4		30
Bromoform	100		100		70-130	0		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	113		106		70-130	6		30
Toluene	100		96		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG845023-1 WG845023-2								
Ethylbenzene	104		100		70-130	4		30
Chloromethane	94		96		52-130	2		30
Bromomethane	129		143		57-147	10		30
Vinyl chloride	93		96		67-130	3		30
Chloroethane	147		147		50-151	0		30
1,1-Dichloroethene	119		123		65-135	3		30
trans-1,2-Dichloroethene	114		120		70-130	5		30
Trichloroethene	118		113		70-130	4		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	102		99		70-130	3		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	118		126		66-130	7		30
p/m-Xylene	109		104		70-130	5		30
o-Xylene	109		104		70-130	5		30
cis-1,2-Dichloroethene	112		118		70-130	5		30
Dibromomethane	119		108		70-130	10		30
Styrene	108		105		70-130	3		30
Dichlorodifluoromethane	114		111		30-146	3		30
Acetone	140		151	Q	54-140	8		30
Carbon disulfide	119		116		59-130	3		30
2-Butanone	112		127		70-130	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG845023-1 WG845023-2								
Vinyl acetate	128		152	Q	70-130	17		30
4-Methyl-2-pentanone	98		98		70-130	0		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	100		102		70-130	2		30
Bromochloromethane	120		123		70-130	2		30
2,2-Dichloropropane	127		126		70-130	1		30
1,2-Dibromoethane	105		105		70-130	0		30
1,3-Dichloropropane	102		98		69-130	4		30
1,1,1,2-Tetrachloroethane	109		109		70-130	0		30
Bromobenzene	99		99		70-130	0		30
n-Butylbenzene	104		96		70-130	8		30
sec-Butylbenzene	102		96		70-130	6		30
tert-Butylbenzene	102		98		70-130	4		30
o-Chlorotoluene	100		95		70-130	5		30
p-Chlorotoluene	100		96		70-130	4		30
1,2-Dibromo-3-chloropropane	93		95		68-130	2		30
Hexachlorobutadiene	100		101		67-130	1		30
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	101		100		70-130	1		30
Naphthalene	92		94		70-130	2		30
Acrylonitrile	131	Q	139	Q	70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG845023-1 WG845023-2								
Isopropyl Ether	133	Q	138	Q	66-130	4		30
tert-Butyl Alcohol	118		131	Q	70-130	10		30
n-Propylbenzene	98		93		70-130	5		30
1,2,3-Trichlorobenzene	95		97		70-130	2		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
1,3,5-Trimethylbenzene	101		98		70-130	3		30
1,2,4-Trimethylbenzene	102		99		70-130	3		30
Methyl Acetate	132		144		51-146	9		30
Ethyl Acetate	120		119		70-130	1		30
Acrolein	117		124		70-130	6		30
Cyclohexane	120		112		59-142	7		30
1,4-Dioxane	98		93		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	125		124		50-139	1		30
p-Diethylbenzene	100		96		70-130	4		30
p-Ethyltoluene	98		96		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		98		70-130	2		30
Tetrahydrofuran	114		126		66-130	10		30
Ethyl ether	115		126		67-130	9		30
trans-1,4-Dichloro-2-butene	108		108		70-130	0		30
Methyl cyclohexane	115		108		70-130	6		30
Ethyl-Tert-Butyl-Ether	117		132	Q	70-130	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG845023-1 WG845023-2								
Tertiary-Amyl Methyl Ether	111		114		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		111		70-130
Toluene-d8	91		95		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	105		109		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-06
Client ID: IRM-BR-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/28/15 21:30
Analyst: KR
Percent Solids: 95%

Date Collected: 11/23/15 16:00
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	53.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	58.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NDPA/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	43.	1
Diethyl phthalate	ND		ug/kg	170	37.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-06

Date Collected: 11/23/15 16:00

Client ID: IRM-BR-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	34.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Carbazole	ND		ug/kg	170	37.	1
Benzaldehyde	ND		ug/kg	230	70.	1
Caprolactam	ND		ug/kg	170	48.	1
Atrazine	ND		ug/kg	140	39.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	29.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-06

Date Collected: 11/23/15 16:00

Client ID: IRM-BR-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	99		18-120

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-07
Client ID: IRM-BR-COMPOSITE-02
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/28/15 21:57
Analyst: KR
Percent Solids: 96%

Date Collected: 11/23/15 16:05
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	36.	1
Hexachlorobenzene	ND		ug/kg	100	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	48.	1
2-Chloronaphthalene	ND		ug/kg	170	56.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	37.	1
2,6-Dinitrotoluene	ND		ug/kg	170	44.	1
Fluoranthene	ND		ug/kg	100	32.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	52.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	40.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	61.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	52.	1
Hexachlorobutadiene	ND		ug/kg	170	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	110	1
Hexachloroethane	ND		ug/kg	140	31.	1
Isophorone	ND		ug/kg	160	46.	1
Naphthalene	ND		ug/kg	170	57.	1
Nitrobenzene	ND		ug/kg	160	41.	1
NDPA/DPA	ND		ug/kg	140	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	52.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	45.	1
Butyl benzyl phthalate	ND		ug/kg	170	34.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	42.	1
Diethyl phthalate	ND		ug/kg	170	36.	1
Dimethyl phthalate	ND		ug/kg	170	44.	1
Benzo(a)anthracene	ND		ug/kg	100	34.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	35.	1
Benzo(k)fluoranthene	ND		ug/kg	100	33.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-07

Date Collected: 11/23/15 16:05

Client ID: IRM-BR-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	100	34.	1
Acenaphthylene	ND		ug/kg	140	32.	1
Anthracene	ND		ug/kg	100	29.	1
Benzo(ghi)perylene	ND		ug/kg	140	36.	1
Fluorene	ND		ug/kg	170	50.	1
Phenanthrene	ND		ug/kg	100	34.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	38.	1
Pyrene	ND		ug/kg	100	34.	1
Biphenyl	ND		ug/kg	390	57.	1
4-Chloroaniline	ND		ug/kg	170	46.	1
2-Nitroaniline	ND		ug/kg	170	49.	1
3-Nitroaniline	ND		ug/kg	170	48.	1
4-Nitroaniline	ND		ug/kg	170	47.	1
Dibenzofuran	ND		ug/kg	170	58.	1
2-Methylnaphthalene	ND		ug/kg	210	55.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	54.	1
Acetophenone	ND		ug/kg	170	54.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	50.	1
2-Chlorophenol	ND		ug/kg	170	52.	1
2,4-Dichlorophenol	ND		ug/kg	160	56.	1
2,4-Dimethylphenol	ND		ug/kg	170	52.	1
2-Nitrophenol	ND		ug/kg	370	54.	1
4-Nitrophenol	ND		ug/kg	240	56.	1
2,4-Dinitrophenol	ND		ug/kg	830	240	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	63.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	51.	1
2-Methylphenol	ND		ug/kg	170	56.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	57.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	56.	1
Carbazole	ND		ug/kg	170	37.	1
Benzaldehyde	ND		ug/kg	230	70.	1
Caprolactam	ND		ug/kg	170	48.	1
Atrazine	ND		ug/kg	140	39.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	29.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-07

Date Collected: 11/23/15 16:05

Client ID: IRM-BR-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	97		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG844569-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG844569-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	44.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	34.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG844569-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	65.
Caprolactam	ND		ug/kg	160	44.
Atrazine	ND		ug/kg	130	36.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG844569-2 WG844569-3								
Acenaphthene	90		69		31-137	26		50
Benzidine	33		21		10-66	44		50
n-Nitrosodimethylamine	74		58		22-100	24		50
1,2,4-Trichlorobenzene	83		65		38-107	24		50
Hexachlorobenzene	93		72		40-140	25		50
Bis(2-chloroethyl)ether	74		58		40-140	24		50
2-Chloronaphthalene	91		70		40-140	26		50
1,2-Dichlorobenzene	79		62		40-140	24		50
1,3-Dichlorobenzene	77		62		40-140	22		50
1,4-Dichlorobenzene	78		63		28-104	21		50
3,3'-Dichlorobenzidine	79		62		40-140	24		50
2,4-Dinitrotoluene	100	Q	76		28-89	27		50
2,6-Dinitrotoluene	98		75		40-140	27		50
Fluoranthene	100		76		40-140	27		50
4-Chlorophenyl phenyl ether	90		70		40-140	25		50
4-Bromophenyl phenyl ether	92		71		40-140	26		50
Azobenzene	81		63		40-140	25		50
Bis(2-chloroisopropyl)ether	58		47		40-140	21		50
Bis(2-chloroethoxy)methane	82		64		40-117	25		50
Hexachlorobutadiene	83		66		40-140	23		50
Hexachlorocyclopentadiene	75		61		40-140	21		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG844569-2 WG844569-3								
Hexachloroethane	75		59		40-140	24		50
Isophorone	83		65		40-140	24		50
Naphthalene	85		66		40-140	25		50
Nitrobenzene	73		58		40-140	23		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		71		36-157	27		50
n-Nitrosodi-n-propylamine	79		62		32-121	24		50
Bis(2-Ethylhexyl)phthalate	99		78		40-140	24		50
Butyl benzyl phthalate	107		84		40-140	24		50
Di-n-butylphthalate	101		79		40-140	24		50
Di-n-octylphthalate	102		82		40-140	22		50
Diethyl phthalate	92		71		40-140	26		50
Dimethyl phthalate	93		72		40-140	25		50
Benzo(a)anthracene	93		72		40-140	25		50
Benzo(a)pyrene	97		75		40-140	26		50
Benzo(b)fluoranthene	92		72		40-140	24		50
Benzo(k)fluoranthene	95		72		40-140	28		50
Chrysene	93		69		40-140	30		50
Acenaphthylene	96		74		40-140	26		50
Anthracene	97		75		40-140	26		50
Benzo(ghi)perylene	98		76		40-140	25		50
Fluorene	92		70		40-140	27		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG844569-2 WG844569-3								
Phenanthrene	92		71		40-140	26		50
Dibenzo(a,h)anthracene	100		76		40-140	27		50
Indeno(1,2,3-cd)Pyrene	102		79		40-140	25		50
Pyrene	99		76		35-142	26		50
Biphenyl	90		69		54-104	26		50
Aniline	55		43		40-140	24		50
4-Chloroaniline	74		60		40-140	21		50
2-Nitroaniline	100		76		47-134	27		50
3-Nitroaniline	87		65		26-129	29		50
4-Nitroaniline	98		72		41-125	31		50
Dibenzofuran	93		71		40-140	27		50
2-Methylnaphthalene	92		73		40-140	23		50
1,2,4,5-Tetrachlorobenzene	85		67		40-117	24		50
Acetophenone	91		72		14-144	23		50
2,4,6-Trichlorophenol	98		74		30-130	28		50
P-Chloro-M-Cresol	99		76		26-103	26		50
2-Chlorophenol	88		67		25-102	27		50
2,4-Dichlorophenol	93		72		30-130	25		50
2,4-Dimethylphenol	90		73		30-130	21		50
2-Nitrophenol	92		72		30-130	24		50
4-Nitrophenol	100		75		11-114	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG844569-2 WG844569-3								
2,4-Dinitrophenol	20		0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	67		29		10-130	79	Q	50
Pentachlorophenol	84		55		17-109	42		50
Phenol	80		61		26-90	27		50
2-Methylphenol	91		71		30-130	25		50
3-Methylphenol/4-Methylphenol	94		71		30-130	28		50
2,4,5-Trichlorophenol	100		74		30-130	30		50
Benzoic Acid	10		0	Q	10-66	NC		50
Benzyl Alcohol	89		69		40-140	25		50
Carbazole	99		75		54-128	28		50
Benzaldehyde	84		68		40-140	21		50
Caprolactam	84		67		15-130	23		50
Atrazine	105		80		40-140	27		50
2,3,4,6-Tetrachlorophenol	94		70		40-140	29		50
Pyridine	48		40		10-93	18		50
Parathion, ethyl	104		81		40-140	25		50
1-Methylnaphthalene	86		68		26-130	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG844569-2 WG844569-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		56		25-120
Phenol-d6	84		65		10-120
Nitrobenzene-d5	79		61		23-120
2-Fluorobiphenyl	91		70		30-120
2,4,6-Tribromophenol	99		77		10-136
4-Terphenyl-d14	97		76		18-120

PCBS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-06
Client ID: IRM-BR-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/28/15 01:00
Analyst: JT
Percent Solids: 95%

Date Collected: 11/23/15 16:00
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/25/15 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 11/27/15
Cleanup Method: EPA 3660B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	2.71	1	A
Aroclor 1221	ND		ug/kg	34.3	3.17	1	A
Aroclor 1232	ND		ug/kg	34.3	4.02	1	A
Aroclor 1242	ND		ug/kg	34.3	4.20	1	A
Aroclor 1248	ND		ug/kg	34.3	2.90	1	A
Aroclor 1254	ND		ug/kg	34.3	2.82	1	A
Aroclor 1260	ND		ug/kg	34.3	2.62	1	A
Aroclor 1262	ND		ug/kg	34.3	1.70	1	A
Aroclor 1268	ND		ug/kg	34.3	4.98	1	A
PCBs, Total	ND		ug/kg	34.3	1.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-07
Client ID: IRM-BR-COMPOSITE-02
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/28/15 01:16
Analyst: JT
Percent Solids: 96%

Date Collected: 11/23/15 16:05
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/25/15 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 11/27/15
Cleanup Method: EPA 3660B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	2.74	1	A
Aroclor 1221	ND		ug/kg	34.7	3.20	1	A
Aroclor 1232	ND		ug/kg	34.7	4.06	1	A
Aroclor 1242	ND		ug/kg	34.7	4.24	1	A
Aroclor 1248	ND		ug/kg	34.7	2.93	1	A
Aroclor 1254	ND		ug/kg	34.7	2.85	1	A
Aroclor 1260	ND		ug/kg	34.7	2.64	1	A
Aroclor 1262	ND		ug/kg	34.7	1.72	1	A
Aroclor 1268	ND		ug/kg	34.7	5.03	1	A
PCBs, Total	ND		ug/kg	34.7	1.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 11/27/15 23:55
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 11/25/15 14:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/27/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07 Batch: WG844412-1						
Aroclor 1016	ND		ug/kg	32.7	2.59	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.84	A
Aroclor 1242	ND		ug/kg	32.7	4.01	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.50	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.75	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG844412-2 WG844412-3									
Aroclor 1016	74		74		40-140	0		50	A
Aroclor 1260	72		75		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		96		30-150	A
Decachlorobiphenyl	75		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	B
Decachlorobiphenyl	85		93		30-150	B

PESTICIDES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-06
Client ID: IRM-BR-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/28/15 11:22
Analyst: KE
Percent Solids: 95%

Date Collected: 11/23/15 16:00
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 04:28
Cleanup Method: EPA 3620B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	98		30-150	B
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530885**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530885-07
Client ID: IRM-BR-COMPOSITE-02
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/28/15 11:35
Analyst: KE
Percent Solids: 96%

Date Collected: 11/23/15 16:05
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 04:28
Cleanup Method: EPA 3620B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.833	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.938	1	A
Endrin	ND		ug/kg	0.694	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.729	1	A
Endrin ketone	ND		ug/kg	1.67	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	ND		ug/kg	1.67	0.385	1	A
4,4'-DDD	ND		ug/kg	1.67	0.594	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.331	1	A
Methoxychlor	ND		ug/kg	3.12	0.972	1	A
Toxaphene	ND		ug/kg	31.2	8.75	1	A
cis-Chlordane	ND		ug/kg	2.08	0.581	1	A
trans-Chlordane	ND		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.5	5.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG844591-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07 Batch: WG844591-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	100		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG844591-2 WG844591-3									
Delta-BHC	88		104		30-150	17		30	A
Lindane	85		98		30-150	14		30	A
Alpha-BHC	89		102		30-150	14		30	A
Beta-BHC	111		122		30-150	9		30	A
Heptachlor	95		115		30-150	19		30	A
Aldrin	87		104		30-150	18		30	A
Heptachlor epoxide	94		114		30-150	19		30	A
Endrin	90		107		30-150	17		30	A
Endrin aldehyde	72		92		30-150	24		30	A
Endrin ketone	84		99		30-150	16		30	A
Dieldrin	89		104		30-150	16		30	A
4,4'-DDE	90		109		30-150	19		30	A
4,4'-DDD	90		109		30-150	19		30	A
4,4'-DDT	103		120		30-150	15		30	A
Endosulfan I	90		105		30-150	15		30	A
Endosulfan II	101		121		30-150	18		30	A
Endosulfan sulfate	83		94		30-150	12		30	A
Methoxychlor	99		111		30-150	11		30	A
cis-Chlordane	92		111		30-150	19		30	A
trans-Chlordane	95		106		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG844591-2 WG844591-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		88		30-150	B
Decachlorobiphenyl	94		103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		102		30-150	A
Decachlorobiphenyl	95		108		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-06

Date Collected: 11/23/15 16:00

Client ID: IRM-BR-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.6		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Barium, Total	28		mg/kg	0.42	0.12	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.21	0.04	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Chromium, Total	6.8		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Copper, Total	21		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Lead, Total	2.4		mg/kg	2.1	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Manganese, Total	310		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Mercury, Total	ND		mg/kg	0.07	0.01	1	11/24/15 11:10	11/25/15 16:08	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	1.0	0.17	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Selenium, Total	ND		mg/kg	0.83	0.12	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH
Zinc, Total	54		mg/kg	2.1	0.29	1	11/24/15 04:38	11/24/15 13:43	EPA 3050B	1,6010C	JH

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-07

Date Collected: 11/23/15 16:05

Client ID: IRM-BR-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.3		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Barium, Total	23		mg/kg	0.42	0.12	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Beryllium, Total	0.18	J	mg/kg	0.21	0.04	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.42	0.03	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Chromium, Total	6.2		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Copper, Total	18		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Lead, Total	2.2		mg/kg	2.1	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Manganese, Total	300		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Mercury, Total	0.02	J	mg/kg	0.07	0.01	1	11/24/15 11:10	11/25/15 16:15	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	1.0	0.17	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Selenium, Total	0.14	J	mg/kg	0.83	0.12	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.42	0.08	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH
Zinc, Total	49		mg/kg	2.1	0.29	1	11/24/15 04:38	11/24/15 13:47	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 06-07 Batch: WG843739-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	11/24/15 11:10	11/25/15 15:04	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 06-07 Batch: WG843751-1										
Arsenic, Total	0.12	J	mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-07 Batch: WG843739-2 SRM Lot Number: D088-540								
Mercury, Total	101		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 06-07 Batch: WG843751-2 SRM Lot Number: D088-540								
Arsenic, Total	105		-		79-121	-		
Barium, Total	99		-		83-117	-		
Beryllium, Total	97		-		83-117	-		
Cadmium, Total	92		-		83-117	-		
Chromium, Total	90		-		80-120	-		
Copper, Total	90		-		81-118	-		
Lead, Total	88		-		81-117	-		
Manganese, Total	93		-		81-118	-		
Nickel, Total	93		-		83-117	-		
Selenium, Total	91		-		78-122	-		
Silver, Total	98		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Total Metals - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG843739-4 QC Sample: L1530885-06 Client ID: IRM-BR-COMPOSITE-01

Mercury, Total	ND	0.134	0.16	119		-	-		80-120	-		20

Total Metals - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG843751-4 QC Sample: L1530824-01 Client ID: MS Sample

Arsenic, Total	16.	12.9	32	124		-	-		75-125	-		20
Barium, Total	52.	216	270	101		-	-		75-125	-		20
Beryllium, Total	0.45J	5.39	5.6	104		-	-		75-125	-		20
Cadmium, Total	0.09J	5.5	5.6	102		-	-		75-125	-		20
Chromium, Total	29.	21.6	67	176	Q	-	-		75-125	-		20
Copper, Total	66.	26.9	100	126	Q	-	-		75-125	-		20
Lead, Total	170	55	130	0	Q	-	-		75-125	-		20
Manganese, Total	680	53.9	660	0	Q	-	-		75-125	-		20
Nickel, Total	15.	53.9	65	93		-	-		75-125	-		20
Selenium, Total	ND	12.9	12	93		-	-		75-125	-		20
Silver, Total	ND	32.3	30	93		-	-		75-125	-		20
Zinc, Total	470	53.9	500	56	Q	-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG843739-3 QC Sample: L1530885-06 Client ID: IRM-BR-COMPOSITE-01						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG843751-3 QC Sample: L1530824-01 Client ID: DUP Sample						
Lead, Total	170	110	mg/kg	43	Q	20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530885-01**Client ID:** IRM-BR-DISCRETE-01**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 16:07**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530885-02**Client ID:** IRM-BR-DISCRETE-02**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 16:10**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.1		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530885-03**Client ID:** IRM-BR-DISCRETE-03**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 16:12**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530885-04**Client ID:** IRM-BR-DISCRETE-04**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 16:16**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530885-05**Client ID:** IRM-BR-DISCRETE-05**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 16:20**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-06
 Client ID: IRM-BR-COMPOSITE-01
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 11/23/15 16:00
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	6.8		mg/kg	0.84	0.84	1	-	11/28/15 14:55	107,-	
Solids, Total	95.4		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.0	0.24	1	11/24/15 09:30	11/25/15 09:25	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	11/25/15 06:55	11/28/15 14:55	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530885-07
 Client ID: IRM-BR-COMPOSITE-02
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 11/23/15 16:05
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	6.2		mg/kg	0.84	0.84	1	-	11/28/15 14:56	107,-	
Solids, Total	95.6		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT
Cyanide, Total	ND		mg/kg	0.99	0.23	1	11/24/15 09:30	11/25/15 09:26	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	11/25/15 06:55	11/28/15 14:56	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG843798-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	11/24/15 09:30	11/25/15 09:16	1,9010C/9012B	ML
General Chemistry - Westborough Lab for sample(s): 06-07 Batch: WG844205-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	11/25/15 06:55	11/28/15 14:53	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG843798-2 WG843798-3								
Cyanide, Total	106		103		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 Batch: WG844205-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530885

Project Number: 34201-313

Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG843798-4 WG843798-5 QC Sample: L1530884-02 Client ID: MS Sample												
Cyanide, Total	ND	11	10	90		10	90		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG844205-4 QC Sample: L1530884-02 Client ID: MS Sample												
Chromium, Hexavalent	ND	1350	1300	96		-	-		75-125	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1530885
Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG843762-1 QC Sample: L1530617-01 Client ID: DUP Sample						
Solids, Total	89.1	89.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 06-07 QC Batch ID: WG844205-6 QC Sample: L1530884-02 Client ID: DUP Sample						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530885

Report Date: 11/30/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/24/2015 02:59

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1530885-01A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-01B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-01C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-01D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530885-02A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-02B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-02C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-02D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530885-03A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-03B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-03C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-03D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530885-04A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-04B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-04C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-04D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530885-05A	Vial MeOH preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-05B	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-05C	Vial water preserved	A	N/A	5.0	Y	Absent	NYTCL-8260HLW(14)
L1530885-05D	Plastic 2oz unpreserved for TS	A	N/A	5.0	Y	Absent	TS(7)
L1530885-06A	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530885**Report Date:** 11/30/15**Container Information**

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1530885-07A	Glass 250ml/8oz unpreserved	A	N/A	5.0	Y	Absent	BE-Ti(180),NYTCL-8270(14),TCN-9010(14),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),TRICR-CALC(30),TS(7),CU-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),NYTCL-8081(14),HG-T(28),MN-Ti(180),NYTCL-8082(14),CD-Ti(180),HEXCR-7196(30)

Container Comments

L1530885-06A

L1530885-07A

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530885
Report Date: 11/30/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; Iodomethane (methyl iodide) (soil); Methyl methacrylate (soil); Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;

EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

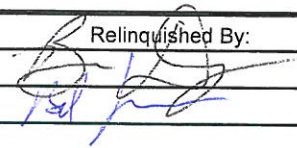
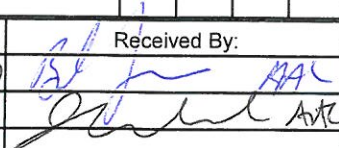
EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 11/24/15		ALPHA Job # L153085																																																																																																											
		Project Information Project Name: Philips Bath IRMs Project Location: Bath, NY Project #: 34201-313 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☒ ASP-B ☐ EQULS (1 File) ☐ EQULS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO # 14157																																																																																																													
Client Information Client: Haley & Aldrich, Inc. Address: 200 Town Centre Drive, Suite 2 Rochester, NY Phone: 585-321-4235 Fax: Email: bdrayn@haleyaldrich.com		Project Manager: Jeremy DeGrande (jdegrande@haleyaldrich.com) ALPHAQuote #: 2014230R1 Turn-Around Time Standard ☐ Due Date: 11/30/15 Rush (only if pre approved) ☒ 3-Day # of Days:		Regulatory Requirement ☐ NY TOGS ☒ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																													
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Total Bottles																																																																																																													
Please specify Metals or TAL.		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ALPHA Lab ID (Lab Use Only)</th> <th>Sample ID</th> <th colspan="2">Collection</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>TCL VOC 8260-5035</th> <th>TCL SVOC</th> <th>TCL Pest</th> <th>PCBs</th> <th>PCBs 8082</th> </tr> <tr> <td>50885-01</td> <td>IRM - BR - DISCRETE - 01</td> <td>11/23/15</td> <td>1607</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>IRM - BR - DISCRETE - 02</td> <td>11/23/15</td> <td>1610</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>IRM - BR - DISCRETE - 03</td> <td>11/23/15</td> <td>1612</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>IRM - BR - DISCRETE - 04</td> <td>11/23/15</td> <td>1616</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>05</td> <td>IRM - BR - DISCRETE - 05</td> <td>11/23/15</td> <td>1620</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>IRM - BR - COMPOSITE - 01</td> <td>11/23/15</td> <td>1600</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>07</td> <td>IRM - BR - COMPOSITE - 02</td> <td>11/23/15</td> <td>1605</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="2"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID			Collection		Sample Matrix	Sampler's Initials	TCL VOC 8260-5035	TCL SVOC	TCL Pest	PCBs	PCBs 8082	50885-01	IRM - BR - DISCRETE - 01	11/23/15	1607	SO	BD	X					02	IRM - BR - DISCRETE - 02	11/23/15	1610	SO	BD	X					03	IRM - BR - DISCRETE - 03	11/23/15	1612	SO	BD	X					04	IRM - BR - DISCRETE - 04	11/23/15	1616	SO	BD	X					05	IRM - BR - DISCRETE - 05	11/23/15	1620	SO	BD	X					06	IRM - BR - COMPOSITE - 01	11/23/15	1600	SO	BD		X	X	X	X	07	IRM - BR - COMPOSITE - 02	11/23/15	1605	SO	BD		X	X	X	X																						
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type 5035 Kit Preservative -		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .																																																																																																											
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ANALYTICAL REPORT

Lab Number:	L1530886
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	11/30/15

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1530886-01	IRM-TS-DISCRETE-01	SOIL	BATH, NY	11/23/15 15:25	11/23/15
L1530886-02	IRM-TS-DISCRETE-02	SOIL	BATH, NY	11/23/15 15:30	11/23/15
L1530886-03	IRM-TS-DISCRETE-03	SOIL	BATH, NY	11/23/15 15:35	11/23/15
L1530886-04	IRM-TS-DISCRETE-04	SOIL	BATH, NY	11/23/15 15:40	11/23/15
L1530886-05	IRM-TS-DISCRETE-05	SOIL	BATH, NY	11/23/15 15:45	11/23/15
L1530886-06	IRM-TS-DISCRETE-06	SOIL	BATH, NY	11/23/15 15:50	11/23/15
L1530886-07	IRM-TS-COMPOSITE-01	SOIL	BATH, NY	11/23/15 15:15	11/23/15
L1530886-08	IRM-TS-COMPOSITE-02	SOIL	BATH, NY	11/23/15 15:20	11/23/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

Case Narrative (continued)

Report Submission

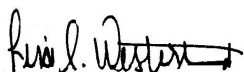
All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG844569-3 LCSD recoveries, associated with L1530886-07 and -08, are below the acceptance criteria for 2,4-dinitrophenol (0%) and benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

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

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 11/30/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-01
Client ID: IRM-TS-DISCRETE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 14:16
Analyst: BN
Percent Solids: 72%

Date Collected: 11/23/15 15:25
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	1.9	1
1,1-Dichloroethane	ND		ug/kg	2.6	0.15	1
Chloroform	ND		ug/kg	2.6	0.64	1
Carbon tetrachloride	ND		ug/kg	1.7	0.37	1
1,2-Dichloropropane	ND		ug/kg	6.1	0.40	1
Dibromochloromethane	ND		ug/kg	1.7	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	0.53	1
Tetrachloroethene	ND		ug/kg	1.7	0.24	1
Chlorobenzene	ND		ug/kg	1.7	0.61	1
Trichlorofluoromethane	ND		ug/kg	8.7	0.68	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	0.19	1
Bromodichloromethane	ND		ug/kg	1.7	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
Bromoform	ND		ug/kg	7.0	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	0.18	1
Benzene	ND		ug/kg	1.7	0.21	1
Toluene	ND		ug/kg	2.6	0.34	1
Ethylbenzene	ND		ug/kg	1.7	0.22	1
Chloromethane	ND		ug/kg	8.7	0.51	1
Bromomethane	ND		ug/kg	3.5	0.59	1
Vinyl chloride	ND		ug/kg	3.5	0.20	1
Chloroethane	ND		ug/kg	3.5	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.46	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.37	1
Trichloroethene	ND		ug/kg	1.7	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	8.7	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	8.7	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	8.7	0.24	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-01
 Client ID: IRM-TS-DISCRETE-01
 Sample Location: BATH, NY

Date Collected: 11/23/15 15:25
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.5	0.15	1
p/m-Xylene	ND		ug/kg	3.5	0.34	1
o-Xylene	ND		ug/kg	3.5	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.25	1
Styrene	ND		ug/kg	3.5	0.70	1
Dichlorodifluoromethane	ND		ug/kg	17	0.33	1
Acetone	5.6	J	ug/kg	17	1.8	1
Carbon disulfide	ND		ug/kg	17	1.9	1
2-Butanone	ND		ug/kg	17	0.47	1
4-Methyl-2-pentanone	ND		ug/kg	17	0.42	1
2-Hexanone	ND		ug/kg	17	1.2	1
Bromochloromethane	ND		ug/kg	8.7	0.48	1
1,2-Dibromoethane	ND		ug/kg	7.0	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.7	0.69	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.7	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.7	0.32	1
Methyl Acetate	ND		ug/kg	35	0.47	1
Cyclohexane	ND		ug/kg	35	0.25	1
1,4-Dioxane	ND		ug/kg	170	25.	1
Freon-113	ND		ug/kg	35	0.48	1
Methyl cyclohexane	ND		ug/kg	7.0	0.27	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	116		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-02
 Client ID: IRM-TS-DISCRETE-02
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/28/15 14:44
 Analyst: BN
 Percent Solids: 76%

Date Collected: 11/23/15 15:30
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-02
 Client ID: IRM-TS-DISCRETE-02
 Sample Location: BATH, NY

Date Collected: 11/23/15 15:30
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	15		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.93	1
Bromochloromethane	ND		ug/kg	7.0	0.38	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.55	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.25	1
Methyl Acetate	ND		ug/kg	28	0.38	1
Cyclohexane	ND		ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
Methyl cyclohexane	ND		ug/kg	5.6	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-03
Client ID: IRM-TS-DISCRETE-03
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 15:10
Analyst: BN
Percent Solids: 74%

Date Collected: 11/23/15 15:35
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	1.0	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.23	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	1.0	0.14	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.39	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11	1
Bromodichloromethane	ND		ug/kg	1.0	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.0	0.29	1
Bromomethane	ND		ug/kg	2.0	0.34	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	1.0	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-03
 Client ID: IRM-TS-DISCRETE-03
 Sample Location: BATH, NY

Date Collected: 11/23/15 15:35
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	10	0.19	1
Acetone	6.0	J	ug/kg	10	1.0	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.27	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.24	1
2-Hexanone	ND		ug/kg	10	0.66	1
Bromochloromethane	ND		ug/kg	5.0	0.27	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.39	1
Isopropylbenzene	ND		ug/kg	1.0	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
Methyl Acetate	ND		ug/kg	20	0.27	1
Cyclohexane	ND		ug/kg	20	0.14	1
1,4-Dioxane	ND		ug/kg	100	14.	1
Freon-113	ND		ug/kg	20	0.27	1
Methyl cyclohexane	ND		ug/kg	4.0	0.15	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	111		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-04
 Client ID: IRM-TS-DISCRETE-04
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 11/28/15 15:37
 Analyst: BN
 Percent Solids: 74%

Date Collected: 11/23/15 15:40
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-04**Date Collected:** 11/23/15 15:40**Client ID:** IRM-TS-DISCRETE-04**Date Received:** 11/23/15**Sample Location:** BATH, NY**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	20		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.31	1
Methyl cyclohexane	ND		ug/kg	4.5	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	114		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-05
Client ID: IRM-TS-DISCRETE-05
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 16:04
Analyst: BN
Percent Solids: 75%

Date Collected: 11/23/15 15:45
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.5	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.16	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-05
 Client ID: IRM-TS-DISCRETE-05
 Sample Location: BATH, NY

Date Collected: 11/23/15 15:45
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.10	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	6.4	J	ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.31	1
Methyl cyclohexane	ND		ug/kg	4.5	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	112		70-130

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-06
Client ID: IRM-TS-DISCRETE-06
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/28/15 16:31
Analyst: BN
Percent Solids: 72%

Date Collected: 11/23/15 15:50
Date Received: 11/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	ND		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.9	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.16	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-06
 Client ID: IRM-TS-DISCRETE-06
 Sample Location: BATH, NY

Date Collected: 11/23/15 15:50
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.23	1
o-Xylene	ND		ug/kg	2.4	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	4.8	J	ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.9	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.47	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.21	1
Methyl Acetate	ND		ug/kg	24	0.32	1
Cyclohexane	ND		ug/kg	24	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	24	0.32	1
Methyl cyclohexane	ND		ug/kg	4.7	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	115		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/28/15 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06 Batch: WG844976-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 11/28/15 11:06
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06 Batch: WG844976-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 11/28/15 11:06

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06 Batch: WG844976-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06 Batch: WG844976-1 WG844976-2								
Methylene chloride	100		102		70-130	2		30
1,1-Dichloroethane	100		101		70-130	1		30
Chloroform	101		99		70-130	2		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	102		104		70-130	2		30
Dibromochloromethane	96		98		70-130	2		30
2-Chloroethylvinyl ether	87		107		70-130	21		30
1,1,2-Trichloroethane	96		95		70-130	1		30
Tetrachloroethene	103		96		70-130	7		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	90		88		70-139	2		30
1,2-Dichloroethane	101		105		70-130	4		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	101		101		70-130	0		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	93		106		70-130	13		30
1,1-Dichloropropene	100		98		70-130	2		30
Bromoform	96		100		70-130	4		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	101		102		70-130	1		30
Toluene	93		99		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06 Batch: WG844976-1 WG844976-2								
Ethylbenzene	95		94		70-130	1		30
Chloromethane	101		100		52-130	1		30
Bromomethane	103		105		57-147	2		30
Vinyl chloride	110		108		67-130	2		30
Chloroethane	99		99		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	100		100		70-130	0		30
Trichloroethene	101		101		70-130	0		30
1,2-Dichlorobenzene	102		94		70-130	8		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	99		104		66-130	5		30
p/m-Xylene	99		93		70-130	6		30
o-Xylene	99		100		70-130	1		30
cis-1,2-Dichloroethene	100		101		70-130	1		30
Dibromomethane	105		108		70-130	3		30
Styrene	99		102		70-130	3		30
Dichlorodifluoromethane	104		99		30-146	5		30
Acetone	103		110		54-140	7		30
Carbon disulfide	96		93		59-130	3		30
2-Butanone	109		114		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06 Batch: WG844976-1 WG844976-2								
Vinyl acetate	107		112		70-130	5		30
4-Methyl-2-pentanone	83		90		70-130	8		30
1,2,3-Trichloropropane	94		99		68-130	5		30
2-Hexanone	90		93		70-130	3		30
Bromochloromethane	108		111		70-130	3		30
2,2-Dichloropropane	105		102		70-130	3		30
1,2-Dibromoethane	98		100		70-130	2		30
1,3-Dichloropropane	95		96		69-130	1		30
1,1,1,2-Tetrachloroethane	100		98		70-130	2		30
Bromobenzene	95		92		70-130	3		30
n-Butylbenzene	97		89		70-130	9		30
sec-Butylbenzene	95		90		70-130	5		30
tert-Butylbenzene	95		91		70-130	4		30
o-Chlorotoluene	96		91		70-130	5		30
p-Chlorotoluene	93		90		70-130	3		30
1,2-Dibromo-3-chloropropane	99		105		68-130	6		30
Hexachlorobutadiene	103		99		67-130	4		30
Isopropylbenzene	97		94		70-130	3		30
p-Isopropyltoluene	100		94		70-130	6		30
Naphthalene	104		108		70-130	4		30
Acrylonitrile	105		113		70-130	7		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06 Batch: WG844976-1 WG844976-2								
Isopropyl Ether	99		102		66-130	3		30
tert-Butyl Alcohol	104		115		70-130	10		30
n-Propylbenzene	92		86		70-130	7		30
1,2,3-Trichlorobenzene	105		105		70-130	0		30
1,2,4-Trichlorobenzene	104		102		70-130	2		30
1,3,5-Trimethylbenzene	97		94		70-130	3		30
1,2,4-Trimethylbenzene	97		93		70-130	4		30
Methyl Acetate	101		112		51-146	10		30
Ethyl Acetate	105		115		70-130	9		30
Acrolein	97		108		70-130	11		30
Cyclohexane	101		98		59-142	3		30
1,4-Dioxane	91		110		65-136	19		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	103		98		50-139	5		30
p-Diethylbenzene	94		90		70-130	4		30
p-Ethyltoluene	96		92		70-130	4		30
1,2,4,5-Tetramethylbenzene	105		103		70-130	2		30
Tetrahydrofuran	108		120		66-130	11		30
Ethyl ether	92		104		67-130	12		30
trans-1,4-Dichloro-2-butene	94		96		70-130	2		30
Methyl cyclohexane	105		100		70-130	5		30
Ethyl-Tert-Butyl-Ether	100		103		70-130	3		30

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06 Batch: WG844976-1 WG844976-2								
Tertiary-Amyl Methyl Ether	100		105		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		102		70-130
Toluene-d8	97		104		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-07
Client ID: IRM-TS-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/28/15 22:25
Analyst: KR
Percent Solids: 75%

Date Collected: 11/23/15 15:15
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	45.	1
Hexachlorobenzene	ND		ug/kg	130	41.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	62.	1
2-Chloronaphthalene	ND		ug/kg	220	72.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	48.	1
2,6-Dinitrotoluene	ND		ug/kg	220	56.	1
Fluoranthene	ND		ug/kg	130	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	67.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	67.	1
Hexachlorobutadiene	ND		ug/kg	220	62.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	140	1
Hexachloroethane	ND		ug/kg	180	40.	1
Isophorone	ND		ug/kg	200	59.	1
Naphthalene	ND		ug/kg	220	73.	1
Nitrobenzene	ND		ug/kg	200	52.	1
NDPA/DPA	ND		ug/kg	180	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	66.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	58.	1
Butyl benzyl phthalate	ND		ug/kg	220	43.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	54.	1
Diethyl phthalate	ND		ug/kg	220	46.	1
Dimethyl phthalate	ND		ug/kg	220	56.	1
Benzo(a)anthracene	ND		ug/kg	130	43.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1
Benzo(b)fluoranthene	ND		ug/kg	130	44.	1
Benzo(k)fluoranthene	ND		ug/kg	130	42.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-07

Date Collected: 11/23/15 15:15

Client ID: IRM-TS-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	130	43.	1
Acenaphthylene	ND		ug/kg	180	41.	1
Anthracene	ND		ug/kg	130	37.	1
Benzo(ghi)perylene	ND		ug/kg	180	46.	1
Fluorene	ND		ug/kg	220	63.	1
Phenanthrene	ND		ug/kg	130	43.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	43.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	49.	1
Pyrene	ND		ug/kg	130	43.	1
Biphenyl	ND		ug/kg	500	73.	1
4-Chloroaniline	ND		ug/kg	220	58.	1
2-Nitroaniline	ND		ug/kg	220	62.	1
3-Nitroaniline	ND		ug/kg	220	61.	1
4-Nitroaniline	ND		ug/kg	220	60.	1
Dibenzofuran	ND		ug/kg	220	74.	1
2-Methylnaphthalene	ND		ug/kg	260	70.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	68.	1
Acetophenone	ND		ug/kg	220	68.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	64.	1
2-Chlorophenol	ND		ug/kg	220	66.	1
2,4-Dichlorophenol	ND		ug/kg	200	71.	1
2,4-Dimethylphenol	ND		ug/kg	220	66.	1
2-Nitrophenol	ND		ug/kg	480	69.	1
4-Nitrophenol	ND		ug/kg	310	71.	1
2,4-Dinitrophenol	ND		ug/kg	1000	300	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	81.	1
Pentachlorophenol	ND		ug/kg	180	47.	1
Phenol	ND		ug/kg	220	65.	1
2-Methylphenol	ND		ug/kg	220	71.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	72.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	71.	1
Carbazole	ND		ug/kg	220	47.	1
Benzaldehyde	ND		ug/kg	290	89.	1
Caprolactam	ND		ug/kg	220	61.	1
Atrazine	ND		ug/kg	180	50.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	37.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-07

Date Collected: 11/23/15 15:15

Client ID: IRM-TS-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	92		18-120

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-08
Client ID: IRM-TS-COMPOSITE-02
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/28/15 22:54
Analyst: KR
Percent Solids: 77%

Date Collected: 11/23/15 15:20
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	44.	1
Hexachlorobenzene	ND		ug/kg	130	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	60.	1
2-Chloronaphthalene	ND		ug/kg	220	70.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	57.	1
2,4-Dinitrotoluene	ND		ug/kg	220	46.	1
2,6-Dinitrotoluene	ND		ug/kg	220	55.	1
Fluoranthene	ND		ug/kg	130	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	66.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	50.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	76.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	65.	1
Hexachlorobutadiene	ND		ug/kg	220	61.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	140	1
Hexachloroethane	ND		ug/kg	170	39.	1
Isophorone	ND		ug/kg	190	57.	1
Naphthalene	ND		ug/kg	220	72.	1
Nitrobenzene	ND		ug/kg	190	51.	1
NDPA/DPA	ND		ug/kg	170	45.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	64.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	56.	1
Butyl benzyl phthalate	ND		ug/kg	220	42.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	53.	1
Diethyl phthalate	ND		ug/kg	220	46.	1
Dimethyl phthalate	ND		ug/kg	220	55.	1
Benzo(a)anthracene	ND		ug/kg	130	42.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1
Benzo(b)fluoranthene	ND		ug/kg	130	44.	1
Benzo(k)fluoranthene	ND		ug/kg	130	41.	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-08

Date Collected: 11/23/15 15:20

Client ID: IRM-TS-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	130	42.	1
Acenaphthylene	ND		ug/kg	170	40.	1
Anthracene	ND		ug/kg	130	36.	1
Benzo(ghi)perylene	ND		ug/kg	170	45.	1
Fluorene	ND		ug/kg	220	62.	1
Phenanthrene	ND		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	42.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	48.	1
Pyrene	ND		ug/kg	130	42.	1
Biphenyl	ND		ug/kg	490	71.	1
4-Chloroaniline	ND		ug/kg	220	57.	1
2-Nitroaniline	ND		ug/kg	220	61.	1
3-Nitroaniline	ND		ug/kg	220	59.	1
4-Nitroaniline	ND		ug/kg	220	58.	1
Dibenzofuran	ND		ug/kg	220	72.	1
2-Methylnaphthalene	ND		ug/kg	260	69.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	67.	1
Acetophenone	ND		ug/kg	220	67.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	62.	1
2-Chlorophenol	ND		ug/kg	220	65.	1
2,4-Dichlorophenol	ND		ug/kg	190	70.	1
2,4-Dimethylphenol	ND		ug/kg	220	64.	1
2-Nitrophenol	ND		ug/kg	460	67.	1
4-Nitrophenol	ND		ug/kg	300	70.	1
2,4-Dinitrophenol	ND		ug/kg	1000	290	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	79.	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	220	64.	1
2-Methylphenol	ND		ug/kg	220	69.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	71.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	70.	1
Carbazole	ND		ug/kg	220	46.	1
Benzaldehyde	ND		ug/kg	280	87.	1
Caprolactam	ND		ug/kg	220	59.	1
Atrazine	ND		ug/kg	170	49.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	37.	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-08

Date Collected: 11/23/15 15:20

Client ID: IRM-TS-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	91		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG844569-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG844569-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	44.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	34.

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 11/28/15 14:13
 Analyst: KR

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 02:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG844569-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	65.
Caprolactam	ND		ug/kg	160	44.
Atrazine	ND		ug/kg	130	36.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG844569-2 WG844569-3								
Acenaphthene	90		69		31-137	26		50
Benzidine	33		21		10-66	44		50
n-Nitrosodimethylamine	74		58		22-100	24		50
1,2,4-Trichlorobenzene	83		65		38-107	24		50
Hexachlorobenzene	93		72		40-140	25		50
Bis(2-chloroethyl)ether	74		58		40-140	24		50
2-Chloronaphthalene	91		70		40-140	26		50
1,2-Dichlorobenzene	79		62		40-140	24		50
1,3-Dichlorobenzene	77		62		40-140	22		50
1,4-Dichlorobenzene	78		63		28-104	21		50
3,3'-Dichlorobenzidine	79		62		40-140	24		50
2,4-Dinitrotoluene	100	Q	76		28-89	27		50
2,6-Dinitrotoluene	98		75		40-140	27		50
Fluoranthene	100		76		40-140	27		50
4-Chlorophenyl phenyl ether	90		70		40-140	25		50
4-Bromophenyl phenyl ether	92		71		40-140	26		50
Azobenzene	81		63		40-140	25		50
Bis(2-chloroisopropyl)ether	58		47		40-140	21		50
Bis(2-chloroethoxy)methane	82		64		40-117	25		50
Hexachlorobutadiene	83		66		40-140	23		50
Hexachlorocyclopentadiene	75		61		40-140	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG844569-2 WG844569-3								
Hexachloroethane	75		59		40-140	24		50
Isophorone	83		65		40-140	24		50
Naphthalene	85		66		40-140	25		50
Nitrobenzene	73		58		40-140	23		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		71		36-157	27		50
n-Nitrosodi-n-propylamine	79		62		32-121	24		50
Bis(2-Ethylhexyl)phthalate	99		78		40-140	24		50
Butyl benzyl phthalate	107		84		40-140	24		50
Di-n-butylphthalate	101		79		40-140	24		50
Di-n-octylphthalate	102		82		40-140	22		50
Diethyl phthalate	92		71		40-140	26		50
Dimethyl phthalate	93		72		40-140	25		50
Benzo(a)anthracene	93		72		40-140	25		50
Benzo(a)pyrene	97		75		40-140	26		50
Benzo(b)fluoranthene	92		72		40-140	24		50
Benzo(k)fluoranthene	95		72		40-140	28		50
Chrysene	93		69		40-140	30		50
Acenaphthylene	96		74		40-140	26		50
Anthracene	97		75		40-140	26		50
Benzo(ghi)perylene	98		76		40-140	25		50
Fluorene	92		70		40-140	27		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG844569-2 WG844569-3								
Phenanthrene	92		71		40-140	26		50
Dibenzo(a,h)anthracene	100		76		40-140	27		50
Indeno(1,2,3-cd)Pyrene	102		79		40-140	25		50
Pyrene	99		76		35-142	26		50
Biphenyl	90		69		54-104	26		50
Aniline	55		43		40-140	24		50
4-Chloroaniline	74		60		40-140	21		50
2-Nitroaniline	100		76		47-134	27		50
3-Nitroaniline	87		65		26-129	29		50
4-Nitroaniline	98		72		41-125	31		50
Dibenzofuran	93		71		40-140	27		50
2-Methylnaphthalene	92		73		40-140	23		50
1,2,4,5-Tetrachlorobenzene	85		67		40-117	24		50
Acetophenone	91		72		14-144	23		50
2,4,6-Trichlorophenol	98		74		30-130	28		50
P-Chloro-M-Cresol	99		76		26-103	26		50
2-Chlorophenol	88		67		25-102	27		50
2,4-Dichlorophenol	93		72		30-130	25		50
2,4-Dimethylphenol	90		73		30-130	21		50
2-Nitrophenol	92		72		30-130	24		50
4-Nitrophenol	100		75		11-114	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG844569-2 WG844569-3								
2,4-Dinitrophenol	20		0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	67		29		10-130	79	Q	50
Pentachlorophenol	84		55		17-109	42		50
Phenol	80		61		26-90	27		50
2-Methylphenol	91		71		30-130	25		50
3-Methylphenol/4-Methylphenol	94		71		30-130	28		50
2,4,5-Trichlorophenol	100		74		30-130	30		50
Benzoic Acid	10		0	Q	10-66	NC		50
Benzyl Alcohol	89		69		40-140	25		50
Carbazole	99		75		54-128	28		50
Benzaldehyde	84		68		40-140	21		50
Caprolactam	84		67		15-130	23		50
Atrazine	105		80		40-140	27		50
2,3,4,6-Tetrachlorophenol	94		70		40-140	29		50
Pyridine	48		40		10-93	18		50
Parathion, ethyl	104		81		40-140	25		50
1-Methylnaphthalene	86		68		26-130	23		50

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG844569-2 WG844569-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		56		25-120
Phenol-d6	84		65		10-120
Nitrobenzene-d5	79		61		23-120
2-Fluorobiphenyl	91		70		30-120
2,4,6-Tribromophenol	99		77		10-136
4-Terphenyl-d14	97		76		18-120

PCBS

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-07
Client ID: IRM-TS-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/28/15 01:33
Analyst: JT
Percent Solids: 75%

Date Collected: 11/23/15 15:15
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/25/15 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 11/27/15
Cleanup Method: EPA 3660B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.2	3.49	1	A
Aroclor 1221	ND		ug/kg	44.2	4.07	1	A
Aroclor 1232	ND		ug/kg	44.2	5.17	1	A
Aroclor 1242	ND		ug/kg	44.2	5.40	1	A
Aroclor 1248	ND		ug/kg	44.2	3.73	1	A
Aroclor 1254	ND		ug/kg	44.2	3.63	1	A
Aroclor 1260	ND		ug/kg	44.2	3.36	1	A
Aroclor 1262	ND		ug/kg	44.2	2.19	1	A
Aroclor 1268	ND		ug/kg	44.2	6.40	1	A
PCBs, Total	ND		ug/kg	44.2	2.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-08
 Client ID: IRM-TS-COMPOSITE-02
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 11/28/15 01:49
 Analyst: JT
 Percent Solids: 77%

Date Collected: 11/23/15 15:20
 Date Received: 11/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/25/15 14:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/27/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.5	3.28	1	A
Aroclor 1221	ND		ug/kg	41.5	3.82	1	A
Aroclor 1232	ND		ug/kg	41.5	4.86	1	A
Aroclor 1242	ND		ug/kg	41.5	5.08	1	A
Aroclor 1248	ND		ug/kg	41.5	3.50	1	A
Aroclor 1254	ND		ug/kg	41.5	3.41	1	A
Aroclor 1260	ND		ug/kg	41.5	3.16	1	A
Aroclor 1262	ND		ug/kg	41.5	2.06	1	A
Aroclor 1268	ND		ug/kg	41.5	6.02	1	A
PCBs, Total	ND		ug/kg	41.5	2.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 11/27/15 23:55
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 11/25/15 14:20
 Cleanup Method: EPA 3665A
 Cleanup Date: 11/27/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08 Batch: WG844412-1						
Aroclor 1016	ND		ug/kg	32.7	2.59	A
Aroclor 1221	ND		ug/kg	32.7	3.02	A
Aroclor 1232	ND		ug/kg	32.7	3.84	A
Aroclor 1242	ND		ug/kg	32.7	4.01	A
Aroclor 1248	ND		ug/kg	32.7	2.76	A
Aroclor 1254	ND		ug/kg	32.7	2.69	A
Aroclor 1260	ND		ug/kg	32.7	2.50	A
Aroclor 1262	ND		ug/kg	32.7	1.62	A
Aroclor 1268	ND		ug/kg	32.7	4.75	A
PCBs, Total	ND		ug/kg	32.7	1.62	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG844412-2 WG844412-3									
Aroclor 1016	74		74		40-140	0		50	A
Aroclor 1260	72		75		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		96		30-150	A
Decachlorobiphenyl	75		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		101		30-150	B
Decachlorobiphenyl	85		93		30-150	B

PESTICIDES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1530886**Project Number:** 34201-313**Report Date:** 11/30/15**SAMPLE RESULTS**

Lab ID: L1530886-07
Client ID: IRM-TS-COMPOSITE-01
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 11/28/15 11:48
Analyst: KE
Percent Solids: 75%

Date Collected: 11/23/15 15:15
Date Received: 11/23/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/26/15 04:28
Cleanup Method: EPA 3620B
Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.12	0.415	1	A
Lindane	ND		ug/kg	0.882	0.394	1	A
Alpha-BHC	ND		ug/kg	0.882	0.251	1	A
Beta-BHC	ND		ug/kg	2.12	0.803	1	A
Heptachlor	ND		ug/kg	1.06	0.475	1	A
Aldrin	ND		ug/kg	2.12	0.746	1	A
Heptachlor epoxide	ND		ug/kg	3.97	1.19	1	A
Endrin	ND		ug/kg	0.882	0.362	1	A
Endrin aldehyde	ND		ug/kg	2.65	0.926	1	A
Endrin ketone	ND		ug/kg	2.12	0.545	1	A
Dieldrin	ND		ug/kg	1.32	0.662	1	A
4,4'-DDE	ND		ug/kg	2.12	0.490	1	A
4,4'-DDD	ND		ug/kg	2.12	0.755	1	A
4,4'-DDT	ND		ug/kg	3.97	1.70	1	A
Endosulfan I	ND		ug/kg	2.12	0.500	1	A
Endosulfan II	ND		ug/kg	2.12	0.708	1	A
Endosulfan sulfate	ND		ug/kg	0.882	0.420	1	A
Methoxychlor	ND		ug/kg	3.97	1.24	1	A
Toxaphene	ND		ug/kg	39.7	11.1	1	A
cis-Chlordane	ND		ug/kg	2.65	0.738	1	A
trans-Chlordane	ND		ug/kg	2.65	0.699	1	A
Chlordane	ND		ug/kg	17.2	7.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-08
 Client ID: IRM-TS-COMPOSITE-02
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 11/28/15 12:01
 Analyst: KE
 Percent Solids: 77%

Date Collected: 11/23/15 15:20
 Date Received: 11/23/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.847	0.379	1	A
Alpha-BHC	ND		ug/kg	0.847	0.240	1	A
Beta-BHC	ND		ug/kg	2.03	0.771	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.716	1	A
Heptachlor epoxide	ND		ug/kg	3.81	1.14	1	A
Endrin	ND		ug/kg	0.847	0.347	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.890	1	A
Endrin ketone	ND		ug/kg	2.03	0.524	1	A
Dieldrin	ND		ug/kg	1.27	0.635	1	A
4,4'-DDE	ND		ug/kg	2.03	0.470	1	A
4,4'-DDD	ND		ug/kg	2.03	0.725	1	A
4,4'-DDT	ND		ug/kg	3.81	1.64	1	A
Endosulfan I	ND		ug/kg	2.03	0.480	1	A
Endosulfan II	ND		ug/kg	2.03	0.679	1	A
Endosulfan sulfate	ND		ug/kg	0.847	0.403	1	A
Methoxychlor	ND		ug/kg	3.81	1.19	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	ND		ug/kg	2.54	0.708	1	A
trans-Chlordane	ND		ug/kg	2.54	0.671	1	A
Chlordane	ND		ug/kg	16.5	6.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	74		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08 Batch: WG844591-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 11/28/15 09:50
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 11/26/15 04:28
 Cleanup Method: EPA 3620B
 Cleanup Date: 11/27/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08 Batch: WG844591-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	100		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG844591-2 WG844591-3									
Delta-BHC	88		104		30-150	17		30	A
Lindane	85		98		30-150	14		30	A
Alpha-BHC	89		102		30-150	14		30	A
Beta-BHC	111		122		30-150	9		30	A
Heptachlor	95		115		30-150	19		30	A
Aldrin	87		104		30-150	18		30	A
Heptachlor epoxide	94		114		30-150	19		30	A
Endrin	90		107		30-150	17		30	A
Endrin aldehyde	72		92		30-150	24		30	A
Endrin ketone	84		99		30-150	16		30	A
Dieldrin	89		104		30-150	16		30	A
4,4'-DDE	90		109		30-150	19		30	A
4,4'-DDD	90		109		30-150	19		30	A
4,4'-DDT	103		120		30-150	15		30	A
Endosulfan I	90		105		30-150	15		30	A
Endosulfan II	101		121		30-150	18		30	A
Endosulfan sulfate	83		94		30-150	12		30	A
Methoxychlor	99		111		30-150	11		30	A
cis-Chlordane	92		111		30-150	19		30	A
trans-Chlordane	95		106		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG844591-2 WG844591-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		88		30-150	B
Decachlorobiphenyl	94		103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		102		30-150	A
Decachlorobiphenyl	95		108		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-07

Date Collected: 11/23/15 15:15

Client ID: IRM-TS-COMPOSITE-01

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.0		mg/kg	0.52	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Barium, Total	57		mg/kg	0.52	0.16	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Beryllium, Total	0.21	J	mg/kg	0.26	0.05	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.52	0.04	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Chromium, Total	9.0		mg/kg	0.52	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Copper, Total	68		mg/kg	0.52	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Lead, Total	4.4		mg/kg	2.6	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Manganese, Total	510		mg/kg	0.52	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Mercury, Total	0.05	J	mg/kg	0.09	0.02	1	11/24/15 11:10	11/25/15 16:17	EPA 7471B	1,7471B	DB
Nickel, Total	13		mg/kg	1.3	0.21	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Selenium, Total	0.24	J	mg/kg	1.0	0.16	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.52	0.10	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH
Zinc, Total	75		mg/kg	2.6	0.36	1	11/24/15 04:38	11/24/15 09:01	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-08

Date Collected: 11/23/15 15:20

Client ID: IRM-TS-COMPOSITE-02

Date Received: 11/23/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.7		mg/kg	0.50	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Barium, Total	57		mg/kg	0.50	0.15	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Beryllium, Total	0.18	J	mg/kg	0.25	0.05	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.50	0.04	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Chromium, Total	14		mg/kg	0.50	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Copper, Total	83		mg/kg	0.50	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Lead, Total	4.1		mg/kg	2.5	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Manganese, Total	420		mg/kg	0.50	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Mercury, Total	0.04	J	mg/kg	0.09	0.02	1	11/24/15 11:10	11/25/15 16:19	EPA 7471B	1,7471B	DB
Nickel, Total	12		mg/kg	1.3	0.20	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Selenium, Total	0.24	J	mg/kg	1.0	0.15	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Silver, Total	0.20	J	mg/kg	0.50	0.10	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH
Zinc, Total	75		mg/kg	2.5	0.35	1	11/24/15 04:38	11/24/15 09:54	EPA 3050B	1,6010C	JH

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG843739-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	11/24/15 11:10	11/25/15 15:04	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08 Batch: WG843751-1										
Arsenic, Total	0.12	J	mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	11/24/15 04:38	11/24/15 08:34	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG843739-2 SRM Lot Number: D088-540								
Mercury, Total	101		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 07-08 Batch: WG843751-2 SRM Lot Number: D088-540								
Arsenic, Total	105		-		79-121	-		
Barium, Total	99		-		83-117	-		
Beryllium, Total	97		-		83-117	-		
Cadmium, Total	92		-		83-117	-		
Chromium, Total	90		-		80-120	-		
Copper, Total	90		-		81-118	-		
Lead, Total	88		-		81-117	-		
Manganese, Total	93		-		81-118	-		
Nickel, Total	93		-		83-117	-		
Selenium, Total	91		-		78-122	-		
Silver, Total	98		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG843739-4 QC Sample: L1530885-06 Client ID: MS Sample												
Mercury, Total	ND	0.134	0.16	119		-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG843751-4 QC Sample: L1530824-01 Client ID: MS Sample												
Arsenic, Total	16.	12.9	32	124		-	-		75-125	-		20
Barium, Total	52.	216	270	101		-	-		75-125	-		20
Beryllium, Total	0.45J	5.39	5.6	104		-	-		75-125	-		20
Cadmium, Total	0.09J	5.5	5.6	102		-	-		75-125	-		20
Chromium, Total	29.	21.6	67	176	Q	-	-		75-125	-		20
Copper, Total	66.	26.9	100	126	Q	-	-		75-125	-		20
Lead, Total	170	55	130	0	Q	-	-		75-125	-		20
Manganese, Total	680	53.9	660	0	Q	-	-		75-125	-		20
Nickel, Total	15.	53.9	65	93		-	-		75-125	-		20
Selenium, Total	ND	12.9	12	93		-	-		75-125	-		20
Silver, Total	ND	32.3	30	93		-	-		75-125	-		20
Zinc, Total	470	53.9	500	56	Q	-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG843739-3 QC Sample: L1530885-06 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG843751-3 QC Sample: L1530824-01 Client ID: DUP Sample						
Lead, Total	170	110	mg/kg	43	Q	20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-01**Client ID:** IRM-TS-DISCRETE-01**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:25**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.6		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-02**Client ID:** IRM-TS-DISCRETE-02**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:30**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.4		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-03**Client ID:** IRM-TS-DISCRETE-03**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:35**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.8		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-04**Client ID:** IRM-TS-DISCRETE-04**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:40**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.1		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-05**Client ID:** IRM-TS-DISCRETE-05**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:45**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.3		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1530886**Report Date:** 11/30/15**SAMPLE RESULTS****Lab ID:** L1530886-06**Client ID:** IRM-TS-DISCRETE-06**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 11/23/15 15:50**Date Received:** 11/23/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.0		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-07
 Client ID: IRM-TS-COMPOSITE-01
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 11/23/15 15:15
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	9.0		mg/kg	1.1	1.1	1	-	11/28/15 14:56	107,-	
Solids, Total	74.9		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.2	0.29	1	11/24/15 09:30	11/25/15 09:26	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	1.1	0.21	1	11/25/15 06:55	11/28/15 14:56	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

SAMPLE RESULTS

Lab ID: L1530886-08
 Client ID: IRM-TS-COMPOSITE-02
 Sample Location: BATH, NY
 Matrix: Soil

Date Collected: 11/23/15 15:20
 Date Received: 11/23/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	14		mg/kg	1.0	1.0	1	-	11/28/15 14:57	107,-	
Solids, Total	76.9		%	0.100	NA	1	-	11/24/15 04:02	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.2	0.28	1	11/24/15 09:30	11/25/15 09:27	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	1.0	0.21	1	11/25/15 06:55	11/28/15 14:57	1,7196A	JT



Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 07-08 Batch: WG843798-1										
Cyanide, Total	ND		mg/kg	0.97	0.23	1	11/24/15 09:30	11/25/15 09:16	1,9010C/9012B	ML
General Chemistry - Westborough Lab for sample(s): 07-08 Batch: WG844205-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	11/25/15 06:55	11/28/15 14:53	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-08 Batch: WG843798-2 WG843798-3								
Cyanide, Total	106		103		80-120	6		35
General Chemistry - Westborough Lab Associated sample(s): 07-08 Batch: WG844205-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1530886

Project Number: 34201-313

Report Date: 11/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG843798-4 WG843798-5 QC Sample: L1530884-02 Client ID: MS Sample												
Cyanide, Total	ND	11	10	90		10	90		65-135	0		35
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG844205-4 QC Sample: L1530884-02 Client ID: MS Sample												
Chromium, Hexavalent	ND	1350	1300	96		-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG843762-1 QC Sample: L1530617-01 Client ID: DUP Sample						
Solids, Total	89.1	89.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG844205-6 QC Sample: L1530884-02 Client ID: DUP Sample						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/24/2015 02:59

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1530886-01A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-01B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-01C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-01D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)
L1530886-02A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-02B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-02C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-02D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)
L1530886-03A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-03B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-03C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-03D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)
L1530886-04A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-04B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-04C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-04D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)
L1530886-05A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-05B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-05C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-05D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)
L1530886-06A	Vial MeOH preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-06B	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-06C	Vial water preserved	A	N/A	4.5	Y	Absent	NYTCL-8260HLW(14)
L1530886-06D	Plastic 2oz unpreserved for TS	A	N/A	4.5	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days



Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1530886

Report Date: 11/30/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1530886-07A	Glass 250ml/8oz unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1530886-08A	Glass 250ml/8oz unpreserved	A	N/A	4.5	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

Container Comments

L1530886-07A

L1530886-08A

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1530886
Report Date: 11/30/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 8260C: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; Iodomethane (methyl iodide) (soil); Methyl methacrylate (soil); Azobenzene.

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Tl; **EPA 200.7:** Ba, Be, Ca, Cd, Cr, Cu, Na; **EPA 245.1:** Mercury;

EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**

EPA 332: Perchlorate.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, Tl, Zn;

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Ti, Tl, V, Zn;

EPA 245.1, SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**

EPA 624: Volatile Halocarbons & Aromatics,

EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

 ALPHA ANALYTICAL Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1		Date Rec'd in Lab 11/23/15		ALPHA Job # L1530886																																																																																																																																																																																																							
			Project Information				Deliverables				Billing Information																																																																																																																																																																																																			
			Project Name: Philips Bath IRMs Project Location: Bath, NY Project #: 34201-313 (Use Project name as Project #) ☐				☐ ASP-A ☒ ASP-B ☐ EQULS (1 File) ☐ EQULS (4 File) ☐ Other				☒ Same as Client Info PO # 14157																																																																																																																																																																																																			
Client Information				Regulatory Requirement				Disposal Site Information																																																																																																																																																																																																						
Client: Haley & Aldrich, Inc. Address: 200 Town Centre Drive, Suite 2 Rochester, NY Phone: 585-321-4235 Fax: Email: bdrayn@haleyaldrich.com				Project Manager: Jeremy DeGrande (jdegande@haleyaldrich.com) ALPHAQuote #: 2014230R1 Turn-Around Time Standard ☐ Due Date: 11/30/15 Rush (only if pre approved) ☒ 3-Days # of Days: 11/30/15				Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																																																																																						
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:				ANALYSIS				Sample Filtration																																																																																																																																																																																																						
Please specify Metals or TAL.				TLL VOC 8260-5032 TLL SVOC TLL Pest Pt 375 Metals PCBs 8082				☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)																																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="10"></th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="10"></th> </tr> </thead> <tbody> <tr> <td>20886-01</td> <td>IRM-TS-DISCRETE-01</td> <td>11/23/15</td> <td>1525</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>02</td> <td>IRM-TS-DISCRETE-02</td> <td>11/23/15</td> <td>1530</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>03</td> <td>IRM-TS-DISCRETE-03</td> <td>11/23/15</td> <td>1535</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>04</td> <td>IRM-TS-DISCRETE-04</td> <td>11/23/15</td> <td>1540</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>05</td> <td>IRM-TS-DISCRETE-05</td> <td>11/23/15</td> <td>1545</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>06</td> <td>IRM-TS-DISCRETE-06</td> <td>11/23/15</td> <td>1550</td> <td>SO</td> <td>BD</td> <td>X</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>07</td> <td>IRM-TS-COMPOSITE-01</td> <td>11/23/15</td> <td>1540</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>08</td> <td>IRM-TS-COMPOSITE-02</td> <td>11/23/15</td> <td>1550</td> <td>SO</td> <td>BD</td> <td></td> <td>X</td><td>X</td><td>X</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>1530</td> <td></td> <td></td> <td></td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>				ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials											Date	Time											20886-01	IRM-TS-DISCRETE-01	11/23/15	1525	SO	BD	X													02	IRM-TS-DISCRETE-02	11/23/15	1530	SO	BD	X													03	IRM-TS-DISCRETE-03	11/23/15	1535	SO	BD	X													04	IRM-TS-DISCRETE-04	11/23/15	1540	SO	BD	X													05	IRM-TS-DISCRETE-05	11/23/15	1545	SO	BD	X													06	IRM-TS-DISCRETE-06	11/23/15	1550	SO	BD	X													07	IRM-TS-COMPOSITE-01	11/23/15	1540	SO	BD		X	X	X	X									08	IRM-TS-COMPOSITE-02	11/23/15	1550	SO	BD		X	X	X	X												1530																Sample Specific Comments			
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other				Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle				Westboro: Certification No: MA935 Mansfield: Certification No: MA015				Container Type: 5035 Kit ← 802 → Preservative: /				Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S <u>TERMS & CONDITIONS</u> .																																																																																																																																																																																														
Relinquished By: [Signature] Date/Time: 11/23/15 1900 11/23/15 1500 Ollie				Received By: [Signature] Date/Time: 11/23/15 1900 11/23/15 0100																																																																																																																																																																																																										

APPENDIX F

Waste Disposal Documentation – C&D Debris

T107
L-1

STEBEN COUNTY D.P.W.
BATH LANDFILL

(42) (362)

Bill Acct: HALEALDR Haul Acct: HALEALDR Tran#: 3362256
Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68
Vehicle# : C6841
TT = 100 - Commercial BY WEIGH Date 11/23/15 11/23/15
PT = 0 - Not Found Time 14:43 14:52
OT = 395 - Out of Steuben Coun

Material Types
1010 - Construction Debris

	Lbs	Tons
Gross	49740	24.87
Tare	29620	14.81
NET	20120	10.06

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137
PO #15480 IRM-4
***** REPRINTED TICKET *****

Tr-107
1-1

IRM 4

92 BLA

STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810

APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21

FOR COUNTY USE	
☐ APPROVED	☐ DISAPPROVED
DATE	DATE SENT TO DEC

Please Note: A copy of the approved application must accompany each load.

SEND INVOICE TO: Haley & Aldrich Construction Services Inc.
70 Blanchard Rd. #204 Burlington MA 01803
Phone (617) 886-7400

Company Generating Waste Phillips Lighting Company	Address of Generator 7625 State Route 54 Bath, NY 14810	Telephone No. (570) 748-6492	
Representative of Generator Jeremy DeGrande Project Manager	Address of Generator Representative 70 Blanchard Rd. #204 Burlington MA 01803	Telephone No. (734) 968-9101	
Description of Process Producing Waste Remedial Demolition of former explosives bunker			
Expected Annual Waste Production 30 Tons/Year	Waste Hauled In ☐ Roll-Off ☒ Dump Truck ☐ Compactor Truck ☐ Other		
Waste Composition Average Percent Solids 100.00%	Physical State ☐ Slurry ☐ Sludge ☒ Solid		
Description of Waste 1) Concrete 85% 2) Masonry Block 10% 3) Steel 5% 4)			
Is An Analysis of Waste Attached? ☐ Yes ☒ No	Was EPA Toxicity Test Conducted on Waste? ☐ Yes ☒ No If Yes, Attach Results	Material is: ☐ Hazardous ☒ Non-Hazardous	
Detail All Hazardous and Nuisance Problems Associated with the Waste. List Necessary Safety, Handling, and Disposal Precautions. IRM 4 C&D DEBRIS DOCUMENT FOR VOLUME TRACKING PURPOSES ONLY. CONSTRUCTION & DEMOLITION DEBRIS NO WASTE PROFILE REQUIRED. NO SIGNATURE REQUIRED			
Name of Waste Transporter Dickson Trucking	Address 72971 Knight Settlement Rd. Bath, NY 14810	NYSDEC Permit No. 8A195	Telephone No. (607) 776-7055
CERTIFICATION I hereby affirm under penalty of perjury that information provided in this form and attached statements exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.			
Signature and Title of Representative of Waste Generator NA			Date

8/112
L-1
STEUBEN COUNTY D.P.W.
BATH LANDFILL

43

Bill Acct: HALEALDR Haul Acct: HALEALDR Tran#: 3362259
Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68
Vehicle# : C6841
TT = 100 - Commercial BY WEIGH
PT = 0 - Not Found
OT = 395 - Out of Steuben Coun

---In--- ---Out--

Date 11/23/15 11/23/15

Time 14:57 15:06

Material Types

1010 - Construction Debris

	<u>Lbs</u>	<u>Tons</u>
Gross	48860	24.43
Tare	29500	14.75
NET	19360	9.68

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137
PO #15480 IRM-4

7 112
-1

IRM 4

(43) (Signature)

**STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810**

**APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21**

FOR COUNTY USE	
☐ APPROVED	☐ DISAPPROVED
DATE	DATE SENT TO DEC

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Phone (617) 886-7400

Company Generating Waste Phillips Lighting Company	Address of Generator 7625 State Route 54 Bath, NY 14810	Telephone No. (570) 748-6492
Representative of Generator Jeremy DeGrande Project Manager	Address of Generator Representative 70 Blanchard Rd. #204 Burlington MA 01803	Telephone No. (734) 968-9101
Description of Process Producing Waste Remedial Demolition of former explosives bunker		
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Telephone No. (607) 776-7055		
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Signature and Title of Representative of Waste Generator <i>NA</i>		Date

112
1
STEUBEN COUNTY D.P.W.
BATH LANDFILL

(44)

11/24/15
①

Bill Acct: HALEALDR Haul Acct: HALEALDR Tran#: 3362277
Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68
Vehicle# : C6841
TT = 100 - Commercial BY WEIGH
PT = 0 - Not Found
OT = 395 - Out of Steuben Coun

---In--- ---Out--

Date 11/24/15 11/24/15

Time 08:24 08:35

Material Types

1010 - Construction Debris

	<u>Lbs</u>	<u>Tons</u>
Gross	67440	33.72
Tare	29920	14.96
NET	37520	18.76

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137
PO #15480 IRM-4

12
1
PK#112
①

18m4

44

**STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810**

**APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21**

FOR COUNTY USE	
☐ APPROVED	☐ DISAPPROVED
DATE	DATE SENT TO DEC

Please Note: A copy of the approved application must accompany each load.

SEND INVOICE TO: Haley & Aldrich Construction Services Inc.
70 Blanchard Rd. #204 Burlington MA 01803
Phone (617) 886-7400

Company Generating Waste Phillips Lighting Company	Address of Generator 7625 State Route 54 Bath, NY 14810	Telephone No. (570) 748-6492	
Representative of Generator Jeremy DeGrande Project Manager	Address of Generator Representative 70 Blanchard Rd. #204 Burlington MA 01803	Telephone No. (734) 968-9101	
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Signature and Title of Representative of Waste Generator			Date

STEUBEN COUNTY D.P.W.
BATH LANDFILL

45

Bill Acct: HALEALDR	Haul Acct: HALEALDR	Tran#: 3362285
Company: HALEY & ALDRICH CONST 6	Company: HALEY & ALDRICH CONST 68	
Vehicle# : C6841		
TT = 100 - Commercial BY WEIGH	Date 11/24/15	11/24/15
PT = 0 - Not Found	Time 08:58	09:11
OT = 395 - Out of Steuben Coun		

Material Types

1010 - Construction Debris

	<u>Lbs</u>	<u>Tons</u>
Gross	60400	30.20
Tare	26580	13.29
NET	33820	16.91

VOL/OY/CYD = 0

Driver: Weighmaster: Lucinda H Whitney 460137

7102
L2

1Rm 4

45

**STEUBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810**

**APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL – SITE NO. 51S21**

FOR COUNTY USE	
☐ APPROVED	☐ DISAPPROVED
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Signature and Title of Representative of Waste Generator NA		Date

APPENDIX G

Soils Stockpile Sample Laboratory Reports



ANALYTICAL REPORT

Lab Number:	L1532338
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/09/15

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1532338-01	IRM4-STOCKPILE-02-D	SOIL	BATH, NY	12/08/15 12:30	12/08/15
L1532338-02	IRM4-STOCKPILE-02-C	SOIL	BATH, NY	12/08/15 12:35	12/08/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Case Narrative (continued)

Report Submission

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

Chromium, Hexavalent

The WG848041-2 LCS recovery (70%), associated with L1532338-02, is below our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 12/09/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-01
Client ID: IRM4-STOCKPILE-02-D
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/15 09:41
Analyst: BN
Percent Solids: 86%

Date Collected: 12/08/15 12:30
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	0.98	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.08	1
Chloroform	ND		ug/kg	1.3	0.33	1
Carbon tetrachloride	ND		ug/kg	0.89	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.20	1
Dibromochloromethane	ND		ug/kg	0.89	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.27	1
Tetrachloroethene	ND		ug/kg	0.89	0.12	1
Chlorobenzene	ND		ug/kg	0.89	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.10	1
Bromodichloromethane	ND		ug/kg	0.89	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.10	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.09	1
Benzene	ND		ug/kg	0.89	0.10	1
Toluene	ND		ug/kg	1.3	0.17	1
Ethylbenzene	ND		ug/kg	0.89	0.11	1
Chloromethane	ND		ug/kg	4.4	0.26	1
Bromomethane	ND		ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.10	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Trichloroethene	1.3		ug/kg	0.89	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.12	1

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-01
 Client ID: IRM4-STOCKPILE-02-D
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:30
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	ND		ug/kg	1.8	0.18	1
o-Xylene	ND		ug/kg	1.8	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.13	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.17	1
Acetone	ND		ug/kg	8.9	0.92	1
Carbon disulfide	ND		ug/kg	8.9	0.98	1
2-Butanone	ND		ug/kg	8.9	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	0.22	1
2-Hexanone	ND		ug/kg	8.9	0.59	1
Bromochloromethane	ND		ug/kg	4.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	3.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	0.35	1
Isopropylbenzene	ND		ug/kg	0.89	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.16	1
Methyl Acetate	ND		ug/kg	18	0.24	1
Cyclohexane	ND		ug/kg	18	0.13	1
1,4-Dioxane	ND		ug/kg	89	13.	1
Freon-113	ND		ug/kg	18	0.24	1
Methyl cyclohexane	ND		ug/kg	3.5	0.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	1.5	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/09/15 08:49

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Methylene chloride	102		99		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	98		92		70-130	6		30
1,2-Dichloropropane	108		105		70-130	3		30
Dibromochloromethane	93		93		70-130	0		30
2-Chloroethylvinyl ether	104		101		70-130	3		30
1,1,2-Trichloroethane	103		101		70-130	2		30
Tetrachloroethene	99		92		70-130	7		30
Chlorobenzene	103		100		70-130	3		30
Trichlorofluoromethane	154	Q	134		70-139	14		30
1,2-Dichloroethane	108		108		70-130	0		30
1,1,1-Trichloroethane	103		96		70-130	7		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	101		101		70-130	0		30
cis-1,3-Dichloropropene	104		102		70-130	2		30
1,1-Dichloropropene	108		101		70-130	7		30
Bromoform	86		90		70-130	5		30
1,1,2,2-Tetrachloroethane	100		100		70-130	0		30
Benzene	105		100		70-130	5		30
Toluene	100		97		70-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Ethylbenzene	105		100		70-130	5		30
Chloromethane	104		100		52-130	4		30
Bromomethane	118		119		57-147	1		30
Vinyl chloride	124		114		67-130	8		30
Chloroethane	135		118		50-151	13		30
1,1-Dichloroethene	101		93		65-135	8		30
trans-1,2-Dichloroethene	100		96		70-130	4		30
Trichloroethene	104		99		70-130	5		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	101		99		70-130	2		30
Methyl tert butyl ether	101		101		66-130	0		30
p/m-Xylene	104		99		70-130	5		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Dibromomethane	102		99		70-130	3		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	104		93		30-146	11		30
Acetone	102		102		54-140	0		30
Carbon disulfide	101		95		59-130	6		30
2-Butanone	98		104		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Vinyl acetate	107		110		70-130	3		30
4-Methyl-2-pentanone	103		104		70-130	1		30
1,2,3-Trichloropropane	106		106		68-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	102		99		70-130	3		30
2,2-Dichloropropane	106		98		70-130	8		30
1,2-Dibromoethane	98		98		70-130	0		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	98		96		70-130	2		30
n-Butylbenzene	110		104		70-130	6		30
sec-Butylbenzene	106		100		70-130	6		30
tert-Butylbenzene	103		98		70-130	5		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	103		93		67-130	10		30
Isopropylbenzene	103		97		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	97		94		70-130	3		30
Acrylonitrile	104		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Isopropyl Ether	108		107		66-130	1		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	99		94		70-130	5		30
1,2,4-Trichlorobenzene	100		94		70-130	6		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	104		100		70-130	4		30
Methyl Acetate	107		107		51-146	0		30
Ethyl Acetate	108		108		70-130	0		30
Acrolein	91		94		70-130	3		30
Cyclohexane	111		102		59-142	8		30
1,4-Dioxane	107		106		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		96		50-139	8		30
p-Diethylbenzene	104		100		70-130	4		30
p-Ethyltoluene	103		99		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		99		70-130	5		30
Tetrahydrofuran	101		102		66-130	1		30
Ethyl ether	105		105		67-130	0		30
trans-1,4-Dichloro-2-butene	102		104		70-130	2		30
Methyl cyclohexane	109		100		70-130	9		30
Ethyl-Tert-Butyl-Ether	104		104		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Tertiary-Amyl Methyl Ether	103		102		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02 D2
 Client ID: IRM4-STOCKPILE-02-C
 Sample Location: BATH, NY
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 12/09/15 16:15
 Analyst: PS
 Percent Solids: 85%

Date Collected: 12/08/15 12:35
 Date Received: 12/08/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	46000		ug/kg	1200	350	10
Phenanthrene	42000		ug/kg	1200	380	10

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02 D
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 15:24
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7600		ug/kg	770	200	5
Hexachlorobenzene	ND		ug/kg	580	180	5
Bis(2-chloroethyl)ether	ND		ug/kg	860	270	5
2-Chloronaphthalene	ND		ug/kg	960	310	5
3,3'-Dichlorobenzidine	ND		ug/kg	960	260	5
2,4-Dinitrotoluene	ND		ug/kg	960	210	5
2,6-Dinitrotoluene	ND		ug/kg	960	250	5
Fluoranthene	45000	E	ug/kg	580	180	5
4-Chlorophenyl phenyl ether	ND		ug/kg	960	290	5
4-Bromophenyl phenyl ether	ND		ug/kg	960	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	340	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	290	5
Hexachlorobutadiene	ND		ug/kg	960	270	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	620	5
Hexachloroethane	ND		ug/kg	770	170	5
Isophorone	ND		ug/kg	860	260	5
Naphthalene	4700		ug/kg	960	320	5
Nitrobenzene	ND		ug/kg	860	230	5
NDPA/DPA	ND		ug/kg	770	200	5
n-Nitrosodi-n-propylamine	ND		ug/kg	960	290	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	960	250	5
Butyl benzyl phthalate	ND		ug/kg	960	190	5
Di-n-butylphthalate	ND		ug/kg	960	180	5
Di-n-octylphthalate	ND		ug/kg	960	240	5
Diethyl phthalate	ND		ug/kg	960	200	5
Dimethyl phthalate	ND		ug/kg	960	240	5
Benzo(a)anthracene	17000		ug/kg	580	190	5
Benzo(a)pyrene	16000		ug/kg	770	240	5
Benzo(b)fluoranthene	19000		ug/kg	580	190	5
Benzo(k)fluoranthene	7700		ug/kg	580	180	5

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02 D
 Client ID: IRM4-STOCKPILE-02-C
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:35
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	16000		ug/kg	580	190	5
Acenaphthylene	ND		ug/kg	770	180	5
Anthracene	13000		ug/kg	580	160	5
Benzo(ghi)perylene	9600		ug/kg	770	200	5
Fluorene	7400		ug/kg	960	280	5
Phenanthrene	42000	E	ug/kg	580	190	5
Dibenzo(a,h)anthracene	2000		ug/kg	580	190	5
Indeno(1,2,3-cd)pyrene	11000		ug/kg	770	210	5
Pyrene	36000		ug/kg	580	190	5
Biphenyl	1000	J	ug/kg	2200	320	5
4-Chloroaniline	ND		ug/kg	960	250	5
2-Nitroaniline	ND		ug/kg	960	270	5
3-Nitroaniline	ND		ug/kg	960	260	5
4-Nitroaniline	ND		ug/kg	960	260	5
Dibenzofuran	5500		ug/kg	960	320	5
2-Methylnaphthalene	3200		ug/kg	1200	310	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	960	300	5
Acetophenone	ND		ug/kg	960	300	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	960	280	5
2-Chlorophenol	ND		ug/kg	960	290	5
2,4-Dichlorophenol	ND		ug/kg	860	310	5
2,4-Dimethylphenol	ND		ug/kg	960	290	5
2-Nitrophenol	ND		ug/kg	2100	300	5
4-Nitrophenol	ND		ug/kg	1300	310	5
2,4-Dinitrophenol	ND		ug/kg	4600	1300	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	350	5
Pentachlorophenol	ND		ug/kg	770	200	5
Phenol	ND		ug/kg	960	280	5
2-Methylphenol	ND		ug/kg	960	310	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	320	5
2,4,5-Trichlorophenol	ND		ug/kg	960	310	5
Carbazole	5800		ug/kg	960	210	5
Benzaldehyde	ND		ug/kg	1300	390	5
Caprolactam	ND		ug/kg	960	260	5
Atrazine	ND		ug/kg	770	220	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	960	160	5

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02 D
 Client ID: IRM4-STOCKPILE-02-C
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:35
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	101		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Acenaphthene	77		87		31-137	12		50
Benzidine	16		34		10-66	72	Q	50
n-Nitrosodimethylamine	64		71		22-100	10		50
1,2,4-Trichlorobenzene	76		86		38-107	12		50
Hexachlorobenzene	83		97		40-140	16		50
Bis(2-chloroethyl)ether	69		79		40-140	14		50
2-Chloronaphthalene	84		95		40-140	12		50
1,2-Dichlorobenzene	69		79		40-140	14		50
1,3-Dichlorobenzene	69		77		40-140	11		50
1,4-Dichlorobenzene	69		77		28-104	11		50
3,3'-Dichlorobenzidine	48		53		40-140	10		50
2,4-Dinitrotoluene	88		101	Q	28-89	14		50
2,6-Dinitrotoluene	93		106		40-140	13		50
Fluoranthene	85		98		40-140	14		50
4-Chlorophenyl phenyl ether	84		93		40-140	10		50
4-Bromophenyl phenyl ether	84		94		40-140	11		50
Azobenzene	79		91		40-140	14		50
Bis(2-chloroisopropyl)ether	70		81		40-140	15		50
Bis(2-chloroethoxy)methane	77		89		40-117	14		50
Hexachlorobutadiene	80		91		40-140	13		50
Hexachlorocyclopentadiene	115		127		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Hexachloroethane	72		80		40-140	11		50
Isophorone	80		92		40-140	14		50
Naphthalene	76		86		40-140	12		50
Nitrobenzene	78		88		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		97		36-157	14		50
n-Nitrosodi-n-propylamine	78		89		32-121	13		50
Bis(2-Ethylhexyl)phthalate	88		103		40-140	16		50
Butyl benzyl phthalate	91		103		40-140	12		50
Di-n-butylphthalate	86		100		40-140	15		50
Di-n-octylphthalate	90		105		40-140	15		50
Diethyl phthalate	84		95		40-140	12		50
Dimethyl phthalate	81		92		40-140	13		50
Benzo(a)anthracene	83		95		40-140	13		50
Benzo(a)pyrene	84		99		40-140	16		50
Benzo(b)fluoranthene	83		95		40-140	13		50
Benzo(k)fluoranthene	79		92		40-140	15		50
Chrysene	80		92		40-140	14		50
Acenaphthylene	88		99		40-140	12		50
Anthracene	86		100		40-140	15		50
Benzo(ghi)perylene	80		92		40-140	14		50
Fluorene	81		92		40-140	13		50

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Phenanthrene	79		90		40-140	13		50
Dibenzo(a,h)anthracene	85		100		40-140	16		50
Indeno(1,2,3-cd)Pyrene	86		101		40-140	16		50
Pyrene	83		96		35-142	15		50
Biphenyl	78		87		54-104	11		50
Aniline	46		46		40-140	0		50
4-Chloroaniline	70		78		40-140	11		50
2-Nitroaniline	90		102		47-134	13		50
3-Nitroaniline	61		69		26-129	12		50
4-Nitroaniline	87		97		41-125	11		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	80		90		40-140	12		50
1,2,4,5-Tetrachlorobenzene	74		84		40-117	13		50
Acetophenone	83		96		14-144	15		50
2,4,6-Trichlorophenol	87		101		30-130	15		50
P-Chloro-M-Cresol	89		101		26-103	13		50
2-Chlorophenol	76		88		25-102	15		50
2,4-Dichlorophenol	87		98		30-130	12		50
2,4-Dimethylphenol	97		111		30-130	13		50
2-Nitrophenol	81		94		30-130	15		50
4-Nitrophenol	91		106		11-114	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
2,4-Dinitrophenol	13		14		4-130	7		50
4,6-Dinitro-o-cresol	37		46		10-130	22		50
Pentachlorophenol	49		58		17-109	17		50
Phenol	79		90		26-90	13		50
2-Methylphenol	80		93		30-130.	15		50
3-Methylphenol/4-Methylphenol	82		94		30-130	14		50
2,4,5-Trichlorophenol	92		105		30-130	13		50
Benzoic Acid	0	Q	0	Q	10-66	NC		50
Benzyl Alcohol	82		95		40-140	15		50
Carbazole	82		94		54-128	14		50
Benzaldehyde	71		82		40-140	14		50
Caprolactam	87		96		15-130	10		50
Atrazine	103		120		40-140	15		50
2,3,4,6-Tetrachlorophenol	76		89		40-140	16		50
Pyridine	36		38		10-93	5		50
1-Methylnaphthalene	83		95		26-130	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		88		25-120
Phenol-d6	82		94		10-120
Nitrobenzene-d5	79		91		23-120
2-Fluorobiphenyl	85		96		30-120
2,4,6-Tribromophenol	82		96		10-136
4-Terphenyl-d14	86		99		18-120

PCBS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/09/15 09:01
Analyst: JT
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/09/15
Cleanup Method: EPA 3660B
Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.02	1	A
Aroclor 1221	ND		ug/kg	38.2	3.52	1	A
Aroclor 1232	ND		ug/kg	38.2	4.48	1	A
Aroclor 1242	ND		ug/kg	38.2	4.68	1	A
Aroclor 1248	ND		ug/kg	38.2	3.22	1	A
Aroclor 1254	ND		ug/kg	38.2	3.14	1	A
Aroclor 1260	ND		ug/kg	38.2	2.91	1	A
Aroclor 1262	ND		ug/kg	38.2	1.90	1	A
Aroclor 1268	ND		ug/kg	38.2	5.54	1	A
PCBs, Total	ND		ug/kg	38.2	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 12/09/15 09:14
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 12/09/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG847987-1						
Aroclor 1016	ND		ug/kg	31.9	2.52	A
Aroclor 1221	ND		ug/kg	31.9	2.94	A
Aroclor 1232	ND		ug/kg	31.9	3.74	A
Aroclor 1242	ND		ug/kg	31.9	3.90	A
Aroclor 1248	ND		ug/kg	31.9	2.69	A
Aroclor 1254	ND		ug/kg	31.9	2.62	A
Aroclor 1260	ND		ug/kg	31.9	2.43	A
Aroclor 1262	ND		ug/kg	31.9	1.58	A
Aroclor 1268	ND		ug/kg	31.9	4.63	A
PCBs, Total	ND		ug/kg	31.9	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	137		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	138		30-150	B
Decachlorobiphenyl	116		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG847987-2 WG847987-3									
Aroclor 1016	99		92		40-140	7		50	A
Aroclor 1260	77		76		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		86		30-150	A
Decachlorobiphenyl	70		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		85		30-150	B
Decachlorobiphenyl	67		74		30-150	B

PESTICIDES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/09/15 11:55
Analyst: KE
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:43
Cleanup Method: EPA 3620B
Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.344	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG847986-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG847986-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	69		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG847986-2 WG847986-3									
Delta-BHC	79		89		30-150	12		30	A
Lindane	78		82		30-150	5		30	A
Alpha-BHC	82		87		30-150	6		30	A
Beta-BHC	96		151	Q	30-150	45	Q	30	A
Heptachlor	85		90		30-150	6		30	A
Aldrin	82		89		30-150	8		30	A
Heptachlor epoxide	73		81		30-150	10		30	A
Endrin	91		100		30-150	9		30	A
Endrin aldehyde	46		62		30-150	30		30	A
Endrin ketone	73		82		30-150	12		30	A
Dieldrin	86		91		30-150	6		30	A
4,4'-DDE	76		80		30-150	5		30	A
4,4'-DDD	88		94		30-150	7		30	A
4,4'-DDT	88		99		30-150	12		30	A
Endosulfan I	83		87		30-150	5		30	A
Endosulfan II	79		88		30-150	11		30	A
Endosulfan sulfate	68		77		30-150	12		30	A
Methoxychlor	82		94		30-150	14		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	82		89		30-150	8		30	A

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG847986-2 WG847986-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	B
Decachlorobiphenyl	73		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		92		30-150	A
Decachlorobiphenyl	77		90		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02

Date Collected: 12/08/15 12:35

Client ID: IRM4-STOCKPILE-02-C

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.3		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Barium, Total	34		mg/kg	0.45	0.14	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.23	0.05	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Chromium, Total	7.1		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Lead, Total	2.9		mg/kg	2.3	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Manganese, Total	210		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Mercury, Total	14		mg/kg	0.76	0.16	10	12/09/15 09:35	12/09/15 13:35	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	1.1	0.18	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Selenium, Total	0.54	J	mg/kg	0.91	0.14	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	2.3	0.32	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG847963-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/15 09:35	12/09/15 12:10	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG847985-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG847963-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG847985-2 SRM Lot Number: D088-540								
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	93		-		83-117	-		
Cadmium, Total	95		-		83-117	-		
Chromium, Total	92		-		80-120	-		
Copper, Total	98		-		81-118	-		
Lead, Total	82		-		81-117	-		
Manganese, Total	115		-		81-118	-		
Nickel, Total	94		-		83-117	-		
Selenium, Total	102		-		78-122	-		
Silver, Total	96		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847963-4 QC Sample: L1532336-01 Client ID: MS Sample												
Mercury, Total	8.8	0.154	37	18200	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847985-4 QC Sample: L1532336-01 Client ID: MS Sample												
Arsenic, Total	3.8	10.7	8.2	41	Q	-	-		75-125	-		20
Barium, Total	77.	179	170	52	Q	-	-		75-125	-		20
Beryllium, Total	0.18J	4.48	2.0	45	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.56	1.8	39	Q	-	-		75-125	-		20
Chromium, Total	6.0	17.9	12	34	Q	-	-		75-125	-		20
Copper, Total	14.	22.4	22	36	Q	-	-		75-125	-		20
Lead, Total	3.2	45.6	20	37	Q	-	-		75-125	-		20
Manganese, Total	230	44.8	230	0	Q	-	-		75-125	-		20
Nickel, Total	9.5	44.8	26	37	Q	-	-		75-125	-		20
Selenium, Total	0.49J	10.7	5.2	48	Q	-	-		75-125	-		20
Silver, Total	ND	26.8	12	45	Q	-	-		75-125	-		20
Zinc, Total	48.	44.8	62	31	Q	-	-		75-125	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1532338
Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847963-3 QC Sample: L1532336-01 Client ID: DUP Sample						
Mercury, Total	8.8	15	mg/kg	52	Q	20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847985-3 QC Sample: L1532336-01 Client ID: DUP Sample						
Arsenic, Total	3.8	4.0	mg/kg	5		20
Barium, Total	77.	53	mg/kg	37	Q	20
Beryllium, Total	0.18J	0.19J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	6.0	6.0	mg/kg	0		20
Copper, Total	14.	13	mg/kg	7		20
Lead, Total	3.2	3.2	mg/kg	0		20
Manganese, Total	230	240	mg/kg	4		20
Nickel, Total	9.5	9.7	mg/kg	2		20
Selenium, Total	0.49J	0.47J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	48.	42	mg/kg	13		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532338**Report Date:** 12/09/15**SAMPLE RESULTS****Lab ID:** L1532338-01**Client ID:** IRM4-STOCKPILE-02-D**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 12/08/15 12:30**Date Received:** 12/08/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	7.1		mg/kg	0.94	0.94	1	-	12/09/15 12:39	107,-	
Solids, Total	85.4		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/09/15 09:07	12/09/15 12:37	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	12/09/15 09:04	12/09/15 12:39	1,7196A	AL



Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG848041-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/09/15 09:04	12/09/15 12:35	1,7196A	AL
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG848061-1										
Cyanide, Total	ND		mg/kg	0.93	0.15	1	12/09/15 09:07	12/09/15 12:21	1,9010C/9012B	ML

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG848041-2								
Chromium, Hexavalent	70	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG848061-2 WG848061-3								
Cyanide, Total	90		89		80-120	1		35

Matrix Spike Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848041-4 QC Sample: L1532338-02 Client ID: IRM4-STOCKPILE-02-C												
Chromium, Hexavalent	ND	1440	1100	76		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848061-4 WG848061-5 QC Sample: L1532336-01 Client ID: MS Sample												
Cyanide, Total	0.32J	11	10	89		10	90		65-135	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG848003-1 QC Sample: L1532336-01 Client ID: DUP Sample						
Solids, Total	87.9	85.3	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848041-6 QC Sample: L1532338-02 Client ID: IRM4-STOCKPILE-02-C						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/09/2015 04:33

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1532338-01A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1532338-02A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1532338-02B	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

12/9/15

L1532338

Page 58 of 58



ANALYTICAL REPORT

Lab Number:	L1532897
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/16/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1532897-01	IRM4-STOCKPILE-02-C	SOIL	BATH, NY	12/08/15 12:35	12/08/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

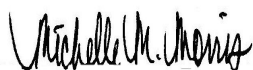
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 12/16/15

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01

Date Collected: 12/08/15 12:35

Client ID: IRM4-STOCKPILE-02-C

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

TCLP/SPLP Ext. Date: 12/14/15 12:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	0.03	J	mg/l	1.0	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Barium, TCLP	1.2		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/16/15 08:58	12/16/15 13:09	EPA 7470A	1,7470A	DB
Selenium, TCLP	ND		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG850108-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Barium, TCLP	ND		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Selenium, TCLP	0.03	J	mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 12/14/15 12:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG850166-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/16/15 08:58	12/16/15 13:06	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 12/14/15 12:02

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG850108-2								
Arsenic, TCLP	108		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	106		-		75-125	-		20
Chromium, TCLP	90		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Selenium, TCLP	100		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG850166-2								
Mercury, TCLP	115		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850108-4 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C												
Arsenic, TCLP	0.03J	1.2	1.3	108		-	-		75-125	-		20
Barium, TCLP	1.2	20	23	109		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.57	112		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.9	95		-	-		75-125	-		20
Lead, TCLP	ND	5.1	5.2	102		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.4	117		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.53	106		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850166-4 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C												
Mercury, TCLP	ND	0.025	0.0261	104		-	-		80-120	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1532897
Report Date: 12/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850108-3 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C						
Arsenic, TCLP	0.03J	0.02J	mg/l	NC		20
Barium, TCLP	1.2	1.2	mg/l	0		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850166-3 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	12/14/15 23:59	1,1030	TL



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.9		SU	-	NA	1	-	12/14/15 23:35	1,9045D	AS
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:30	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:21	1,7.3	TL



Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG849602-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:27	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG849604-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:18	1,7.3	TL

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849602-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849604-2								
Sulfide, Reactive	83		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849659-3								
pH	101		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849602-3 QC Sample: L1532846-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849604-3 QC Sample: L1532846-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849659-4 QC Sample: L1532938-01 Client ID: DUP Sample						
pH	7.0	6.9	SU	1		5

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532897**Report Date:** 12/16/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1532897-01A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	IGNIT- 1030(14),REACTS(14),PH- 9045(1),REACTCN(14)
L1532897-01X	Plastic 120ml HNO3 preserved spl	A	<2	5.7	Y	Absent	CD-CI(180),AS-CI(180),BA- CI(180),HG-C(28),PB- CI(180),CR-CI(180),SE- CI(180),AG-CI(180)
L1532897-01X9	Tumble Vessel	A	N/A	5.7	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

Page 22 of 22

APPENDIX H

Contained-In Policy Determination

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau A

625 Broadway, 12th Floor, Albany, NY 12233-7015

P: (518) 402-9625 | F: (518) 402-9627

www.dec.ny.gov

January 7, 2016

W. Thomas West, CPG, LEP
Sr. Project Manager - Vice President
Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623

Re: Contained-In Policy Determination
Interim Remedial Measures IRM-4
Philips Lighting Company Bath Facility
Bath, New York
NYSDEC Site No. C851044

We have completed our review of the soil sampling data from the IRM-4 staged soil (Samples ID: L1532897-01, L1532338-01 and L1532338-02) submitted on December 21, 2015 request for a "contained-in" determination for the referenced project.

IRM-4 staged soil (Lab Reports ID: 1532897 and L1532338) was generated during the additional excavations at IRM-4. Concentrations detected for individual VOCs were all significantly less than their current "contained-in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations for Tetrachloroethene and Trichloroethene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, the IRM-4 staged soil (Samples ID: L1532897-01, L1532338-01 and L1532338-02), approximately 20 cubic yards of soil generated during the excavation of the IRM-4 at the subject property, do not have to be managed as a hazardous waste and can be transported off-site to the Steuben County Landfill in Bath New York.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9622 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

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

Henry Wilkie
Environmental Engineer 1
Remedial Section B

ecc: G. MacLean, Region 8



HALEY & ALDRICH OF NEW YORK
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

18 December 2015

File No. 34201-313

Mr. Henry Wilkie
Environmental Engineer I
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remediation Bureau A, 12th Floor
625 Broadway
Albany, New York 12233-7015

Subject: Contained-In Policy Determination
Interim Remedial Measures IRM-4
Philips Lighting Company Bath Facility
Bath, New York
NYSDEC Site No. #C815044

Dear Mr. Wilkie:

Philips Electronics North America Corporation (Philips) has entered into a Brownfield Cleanup Agreement (BCA) with the New York Department of Environmental Conservation (NYSDEC) for the investigation and cleanup of their former lighting manufacturing facility in Bath, New York (NYSDEC Site No. #C851044). As part of the ongoing work being completed by Philips, several interim remedial measures (IRMs) are being completed at the site pursuant to NYSDEC-approved IRM Work Plans¹. As part of the conditional approval of the IRM Work Plans, the NYSDEC required that *"if the post-excavation confirmatory soil sample results identify exceedances of the Part 375 Soil Cleanup Objectives for Industrial Use or Protection of Groundwater (where the constituents is present in the site groundwater), additional soil will be removed and additional confirmatory soil samples will be collected..."*

During the completion of IRM-4, Former Explosives Bunker, one of the two (2) post-removal samples collected after the concrete bunker had been demolished and the debris removed detected concentrations of several polycyclic aromatic hydrocarbon compounds, including benzo(a)pyrene at concentrations above the NYSDEC SCO for Industrial Use. Consistent with the NYSDEC's IRM Work Plan approvals, soils from the area surrounding the non-compliant sample(s) were excavated until post-excavation confirmation sampling results demonstrated that the impacted soil had been sufficiently removed, and concentrations of target compounds in the area excavated were below the applicable NYSDEC SCO.

¹ NYSDEC granted conditional approval of IRM Work Plans, including IRM-4 in a letter dated December 6, 2015.

As a result of the need to complete additional excavations at IRM-4, approximately 20 cubic yards of soil were removed and staged on plastic pending laboratory analysis to determine appropriate management and disposal options. A composite and discrete sample of the material was collected from the staged soils and submitted for analysis of DER-10 sample requirements. In addition, the composite sample was analyzed for ignitability, reactivity, corrosivity and toxicity (full TCLP).

As shown on the attached laboratory results and summarized on Table I, the testing demonstrated that the excavated soil is not characteristically hazardous, and the constituents that were detected, were all less than their respective "contained-in" soil action levels. However, the presence of volatile organics, including trichloroethene, and total mercury in the excavated soils may be the result of past manufacturing operations at the Site.

We believe that the soil excavated from the bottom of IRM-4 is appropriate to be direct-loaded and transported offsite to a Part 360 NYSDEC-permitted disposal facility. We intend to profile this material for disposal at the Steuben County landfill in Bath, New York. In order to facilitate the waste profiling and confirm that the material does not need to be managed as a hazardous waste, on behalf of Philips, we are requesting a "contained-in" determination for the soil excavated from the bottom of IRM-4 during the implementation of the NYSDEC-approved IRM-4 Work Plan.

Should you have any questions with the attached summary and data, or require additional information, please do not hesitate to contact either Ben Drayn or W. Thomas West.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



W. Thomas West
Sr. Project Manager | VP



Ben Drayn, E.I.T.
Staff Engineer

Attachments:

Table 1 – Stockpile Soil Testing results

Appendix A – Laboratory Reports; L1532897 and L1532338

c: NYSDEC; G. MacLean
Philips; D. Murphy, D. Weeks, J. Overgord.

TABLE 1

Stockpile Soil Testing Results

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS - IRM-4 STOCKPILE
PHILIPS LIGHTING COMPANY – BATH FACILITY
BATH, NY
BCP SITE #C851044

LOCATION SAMPLING DATE					IRM4-STOCKPILE-02-C 12/8/2015 L1532338-02 L1532338-02 R1 L1532897-01 N	IRM4-STOCKPILE-02-D 12/8/2015 L1532338-01 N
LAB SAMPLE ID	Title 40 Part 261 TCLP ³ (mg/L)	Title 40 Part 261 Total ³ (mg/kg)	TAGM 3028 Threshold ⁴ (mg/kg)	TSCA Limit ⁵ (mg/kg)		
SAMPLE TYPE					Results Qual	Results Qual
VOCs (mg/kg)						
1,1,1-Trichloroethane	-	-	-	-	-	0.00089 U
1,1,2,2-Tetrachloroethane	-	-	-	-	-	0.00089 U
1,1,2-Trichloroethane	-	-	-	-	-	0.0013 U
1,1-Dichloroethane	-	-	-	-	-	0.0013 U
1,1-Dichloroethene	-	14	12	-	-	0.00089 U
1,2,3-Trichlorobenzene	-	-	-	-	-	0.0044 U
1,2,4-Trichlorobenzene	-	-	-	-	-	0.0044 U
1,2-Dibromo-3-chloropropane	-	-	-	-	-	0.0044 U
1,2-Dibromoethane	-	-	-	-	-	0.0035 U
1,2-Dichlorobenzene	-	-	-	-	-	0.0044 U
1,2-Dichloroethane	-	10	7.7	-	-	0.00089 U
1,2-Dichloropropane	-	-	-	-	-	0.0031 U
1,3-Dichlorobenzene	-	-	-	-	-	0.0044 U
1,4-Dichlorobenzene	-	-	-	-	-	0.0044 U
1,4-Dioxane	-	-	-	-	-	0.089 U
2-Butanone	-	4000	4000	-	-	0.0089 U
2-Hexanone	-	-	-	-	-	0.0089 U
4-Methyl-2-pentanone	-	-	4000	-	-	0.0089 U
Acetone	-	-	800	-	-	0.0089 U
Benzene	-	10	24	-	-	0.00089 U
Bromochloromethane	-	-	-	-	-	0.0044 U
Bromodichloromethane	-	-	-	-	-	0.00089 U
Bromoform	-	-	-	-	-	0.0035 U
Bromomethane	-	-	-	-	-	0.0018 U
Carbon disulfide	-	-	-	-	-	0.0089 U
Carbon tetrachloride	-	10	5.4	-	-	0.00089 U
Chlorobenzene	-	2000	2000	-	-	0.00089 U
Chloroethane	-	-	-	-	-	0.0018 U
Chloroform	-	120	110	-	-	0.0013 U
Chloromethane	-	-	-	-	-	0.0044 U
cis-1,2-Dichloroethene	-	-	800	-	-	0.00089 U
cis-1,3-Dichloropropene	-	-	-	-	-	0.00089 U
Cyclohexane	-	-	-	-	-	0.018 U
Dibromochloromethane	-	-	-	-	-	0.00089 U
Dichlorodifluoromethane	-	-	-	-	-	0.0089 U
Ethylbenzene	-	-	6000	-	-	0.00089 U
Freon-113	-	-	200000	-	-	0.018 U
Isopropylbenzene	-	-	3000	-	-	0.00089 U
Methyl Acetate	-	-	-	-	-	0.018 U
Methyl cyclohexane	-	-	-	-	-	0.0035 U
Methyl tert butyl ether	-	-	-	-	-	0.0018 U
Methylene chloride	-	-	200000	-	-	0.0089 U
o-Xylene	-	-	200000	-	-	0.0018 U
p/m-Xylene	-	-	200000	-	-	0.0018 U
Styrene	-	-	-	-	-	0.0018 U
Tetrachloroethene	-	14	14	-	-	0.00089 U
Toluene	-	-	-	-	-	0.0013 U
trans-1,2-Dichloroethene	-	-	-	-	-	0.0013 U
trans-1,3-Dichloropropene	-	-	-	-	-	0.00089 U
Trichloroethene	-	10	64	-	-	0.0013
Trichlorofluoromethane	-	-	-	-	-	0.0044 U
Vinyl chloride	-	4	0.36	-	-	0.0018 U
SVOCs (mg/kg)						
1,2,4,5-Tetrachlorobenzene	-	-	-	-	0.96 U	-
2,3,4,6-Tetrachlorophenol	-	-	-	-	0.96 U	-
2,4,5-Trichlorophenol	400	-	-	-	0.96 U	-

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS - IRM-4 STOCKPILE
PHILIPS LIGHTING COMPANY – BATH FACILITY
BATH, NY
BCP SITE #C851044

LOCATION	Title 40 Part 261 TCLP ³ (mg/L)	Title 40 Part 261 Total ³ (mg/kg)	TAGM 3028 Threshold ⁴ (mg/kg)	TSCA Limit ⁵ (mg/kg)	IRM4-STOCKPILE-02-C 12/8/2015 L1532338-02 L1532338-02 R1 L1532897-01		IRM4-STOCKPILE-02-D 12/8/2015 L1532338-01	
SAMPLING DATE					N		N	
LAB SAMPLE ID					Results Qual		Results Qual	
SAMPLE TYPE					Results	Qual	Results	Qual
2,4,6-Trichlorophenol	2	-	-	-	0.58	U	-	-
2,4-Dichlorophenol	-	-	-	-	0.86	U	-	-
2,4-Dimethylphenol	-	-	-	-	0.96	U	-	-
2,4-Dinitrophenol	-	-	-	-	4.6	U	-	-
2,4-Dinitrotoluene	0.13	-	-	-	0.96	U	-	-
2,6-Dinitrotoluene	-	-	-	-	0.96	U	-	-
2-Chloronaphthalene	-	-	-	-	0.96	U	-	-
2-Chlorophenol	-	-	-	-	0.96	U	-	-
2-Methylnaphthalene	-	-	-	-	3.2	-	-	-
2-Methylphenol	200	-	-	-	0.96	U	-	-
2-Nitroaniline	-	-	-	-	0.96	U	-	-
2-Nitrophenol	-	-	-	-	2.1	U	-	-
3,3'-Dichlorobenzidine	-	-	-	-	0.96	U	-	-
3-Methylphenol/4-Methylphenol	200	-	-	-	1.4	U	-	-
3-Nitroaniline	-	-	-	-	0.96	U	-	-
4,6-Dinitro-o-cresol	-	-	-	-	2.5	U	-	-
4-Bromophenyl phenyl ether	-	-	-	-	0.96	U	-	-
4-Chloroaniline	-	-	-	-	0.96	U	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	0.96	U	-	-
4-Nitroaniline	-	-	-	-	0.96	U	-	-
4-Nitrophenol	-	-	-	-	1.3	U	-	-
Acenaphthene	-	-	-	-	7.6	-	-	-
Acenaphthylene	-	-	-	-	0.77	U	-	-
Acetophenone	-	-	-	-	0.96	U	-	-
Anthracene	-	-	-	-	13	-	-	-
Atrazine	-	-	-	-	0.77	U	-	-
Benzaldehyde	-	-	-	-	1.3	U	-	-
Benzo(a)anthracene	-	-	-	-	17	-	-	-
Benzo(a)pyrene	-	-	-	-	16	-	-	-
Benzo(b)fluoranthene	-	-	-	-	19	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	9.6	-	-	-
Benzo(k)fluoranthene	-	-	-	-	7.7	-	-	-
Biphenyl	-	-	-	-	1	J	-	-
Bis(2-chloroethoxy)methane	-	-	-	-	1	U	-	-
Bis(2-chloroethyl)ether	-	-	-	-	0.86	U	-	-
Bis(2-chloroisopropyl)ether	-	-	-	-	1.2	U	-	-
Bis(2-ethylhexyl)phthalate	-	-	-	-	0.96	U	-	-
Butyl benzyl phthalate	-	-	-	-	0.96	U	-	-
Caprolactam	-	-	-	-	0.96	U	-	-
Carbazole	-	-	-	-	5.8	-	-	-
Chrysene	-	-	-	-	16	-	-	-
Di-n-butylphthalate	-	-	-	-	0.96	U	-	-
Di-n-octylphthalate	-	-	-	-	0.96	U	-	-
Dibenzo(a,h)anthracene	-	-	-	-	2	-	-	-
Dibenzofuran	-	-	-	-	5.5	-	-	-
Diethyl phthalate	-	-	-	-	0.96	U	-	-
Dimethyl phthalate	-	-	-	-	0.96	U	-	-
Fluoranthene	-	-	-	-	46	-	-	-
Fluorene	-	-	-	-	7.4	-	-	-
Hexachlorobenzene	0.13	-	-	-	0.58	U	-	-
Hexachlorobutadiene	0.5	-	-	-	0.96	U	-	-
Hexachlorocyclopentadiene	-	-	-	-	2.7	U	-	-
Hexachloroethane	3	-	-	-	0.77	U	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	11	-	-	-
Isophorone	-	-	-	-	0.86	U	-	-
n-Nitrosodi-n-propylamine	-	-	-	-	0.96	U	-	-
Naphthalene	-	-	-	-	4.7	-	-	-
NDPA/DPA	-	-	-	-	0.77	U	-	-

TABLE 1
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PHILIPS LIGHTING COMPANY – BATH FACILITY
BATH, NY
BCP SITE #C851044

LOCATION SAMPLING DATE	Title 40 Part 261 TCLP ³ (mg/L)	Title 40 Part 261 Total ³ (mg/kg)	TAGM 3028 Threshold ⁴ (mg/kg)	TSCA Limit ⁵ (mg/kg)	IRM4-STOCKPILE-02-C 12/8/2015 L1532338-02 L1532338-02 R1 L1532897-01 N		IRM4-STOCKPILE-02-D 12/8/2015 L1532338-01 N	
LAB SAMPLE ID								
SAMPLE TYPE								
					Results	Qual	Results	Qual
Nitrobenzene	2	-	-	-	0.86	U	-	
p-Chloro-m-cresol	-	-	-	-	0.96	U	-	
Pentachlorophenol	100	-	-	-	0.77	U	-	
Phenanthrene	-	-	-	-	42		-	
Phenol	-	-	-	-	0.96	U	-	
Pyrene	-	-	-	-	36		-	
Pesticides (mg/kg)								
4,4'-DDD	-	-	-	-	0.00185	U	-	
4,4'-DDE	-	-	-	-	0.00185	U	-	
4,4'-DDT	-	-	-	-	0.00347	U	-	
Aldrin	-	-	-	-	0.00185	U	-	
Alpha-BHC	-	-	-	-	0.000771	U	-	
Beta-BHC	-	-	-	-	0.00185	U	-	
Chlordane	0.03	-	-	-	0.015	U	-	
cis-Chlordane	-	-	-	-	0.00231	U	-	
Delta-BHC	-	-	-	-	0.00185	U	-	
Dieldrin	-	-	-	-	0.00116	U	-	
Endosulfan I	-	-	-	-	0.00185	U	-	
Endosulfan II	-	-	-	-	0.00185	U	-	
Endosulfan sulfate	-	-	-	-	0.000771	U	-	
Endrin	0.02	-	-	-	0.000771	U	-	
Endrin aldehyde	-	-	-	-	0.00231	U	-	
Endrin ketone	-	-	-	-	0.00185	U	-	
Heptachlor	0.008	-	-	-	0.000925	U	-	
Heptachlor epoxide	0.008	-	-	-	0.00347	U	-	
Lindane	0.4	-	-	-	0.000771	U	-	
Methoxychlor	10	-	-	-	0.00347	U	-	
Toxaphene	0.5	-	-	-	0.0347	U	-	
trans-Chlordane	-	-	-	-	0.00231	U	-	
PCBs (mg/kg)								
Aroclor 1016	-	-	1	50	0.0382	U	-	
Aroclor 1221	-	-	1	50	0.0382	U	-	
Aroclor 1232	-	-	1	50	0.0382	U	-	
Aroclor 1242	-	-	1	50	0.0382	U	-	
Aroclor 1248	-	-	1	50	0.0382	U	-	
Aroclor 1254	-	-	1	50	0.0382	U	-	
Aroclor 1260	-	-	1	50	0.0382	U	-	
Aroclor 1262	-	-	1	50	0.0382	U	-	
Aroclor 1268	-	-	1	50	0.0382	U	-	
Total PCBs	-	-	1	50	0.0382	U	-	
Total Metals (mg/kg)								
Arsenic	-	-	-	-	4.3		-	
Barium	-	-	-	-	34		-	
Beryllium	-	-	-	-	0.2	J	-	
Cadmium	-	-	-	-	0.45	U	-	
Chromium, Hexavalent	-	-	-	-	0.94	U	-	
Chromium, Trivalent	-	-	-	-	7.1		-	
Chromium, Total	-	-	-	-	1.1	U	-	
Copper	-	-	-	-	7.1		-	
Cyanide	-	-	-	-	13		-	
Lead	-	-	-	-	2.9		-	
Magnesium	-	-	-	-	-		-	
Manganese	-	-	-	-	210		-	
Mercury	-	-	-	-	14		-	
Nickel	-	-	-	-	11		-	

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS - IRM-4 STOCKPILE
PHILIPS LIGHTING COMPANY – BATH FACILITY
BATH, NY
BCP SITE #C851044

LOCATION SAMPLING DATE	Title 40 Part 261 TCLP ³ (mg/L)	Title 40 Part 261 Total ³ (mg/kg)	TAGM 3028 Threshold ⁴ (mg/kg)	TSCA Limit ⁵ (mg/kg)	IRM4-STOCKPILE-02-C 12/8/2015 L1532338-02 L1532338-02 R1 L1532897-01 N		IRM4-STOCKPILE-02-D 12/8/2015 L1532338-01 N	
LAB SAMPLE ID								
SAMPLE TYPE					Results	Qual	Results	Qual
Selenium	-	-	-	-	0.54	J	-	
Silver	-	-	-	-	0.45	U	-	
Zinc	-	-	-	-	38		-	
Zirconium	-	-	-	-	-		-	
TCLP Metals (mg/L)								
Arsenic	5	-	-	-	0.03	J	-	
Barium	100	-	-	-	1.2		-	
Cadmium	1	-	-	-	0.1	U	-	
Chromium	5	-	-	-	0.2	U	-	
Lead	5	-	-	-	0.5	U	-	
Mercury	0.2	-	-	-	0.001	U	-	
Selenium	1	-	-	-	0.5	U	-	
Silver	5	-	-	-	0.1	U	-	
General Chemistry								
Total Solids (%)	-	-	-	-	85.4		85.5	
Ignitability	Ignitable		-	-	NI		-	
pH (SU)	≤2 OR ≥12.5		-	-	7.9		-	
Reactive Cyanide (mg/kg)	-	-	-	-	10	U	-	
Reactive Sulfide (mg/kg)	-	-	-	-	10	U	-	

NOTES & ABBREVIATIONS

1. Abbreviations: "-" = not analyzed/not available; "U" = not detected above laboratory reporting limits; "J" = estimated
2. Bold values indicate detections above laboratory reporting limits.
3. The criteria listed are per the Code of Federal Regulations, Title 40 - Protection of Environment, Part 261 - Identification and Listing of Hazardous Waste.
4. The criteria listed are per the New York State Department of Environmental Conservation's Technical and Administrative Guidance Memorandum (TAGM 3028), dated November 30, 1992.
5. The criteria listed are per the Code of Federal Regulations, Title 40 - Protection of Environment, Part 761 - Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions.

APPENDIX A

Laboratory Reports; L1532897 and L1532338



ANALYTICAL REPORT

Lab Number:	L1532897
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/16/15

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1532897-01	IRM4-STOCKPILE-02-C	SOIL	BATH, NY	12/08/15 12:35	12/08/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

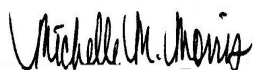
Case Narrative (continued)

Report Submission

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

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

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 12/16/15

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01

Date Collected: 12/08/15 12:35

Client ID: IRM4-STOCKPILE-02-C

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

TCLP/SPLP Ext. Date: 12/14/15 12:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab											
Arsenic, TCLP	0.03	J	mg/l	1.0	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Barium, TCLP	1.2		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/16/15 08:58	12/16/15 13:09	EPA 7470A	1,7470A	DB
Selenium, TCLP	ND		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	12/16/15 06:04	12/16/15 09:32	EPA 3015	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG850108-1										
Arsenic, TCLP	ND		mg/l	1.0	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Barium, TCLP	ND		mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Cadmium, TCLP	ND		mg/l	0.10	0.01	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Chromium, TCLP	ND		mg/l	0.20	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Lead, TCLP	ND		mg/l	0.50	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Selenium, TCLP	0.03	J	mg/l	0.50	0.03	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH
Silver, TCLP	ND		mg/l	0.10	0.02	1	12/16/15 06:04	12/16/15 09:24	1,6010C	JH

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 12/14/15 12:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG850166-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/16/15 08:58	12/16/15 13:06	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 12/14/15 12:02

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG850108-2								
Arsenic, TCLP	108		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	106		-		75-125	-		20
Chromium, TCLP	90		-		75-125	-		20
Lead, TCLP	94		-		75-125	-		20
Selenium, TCLP	100		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20

TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG850166-2

Mercury, TCLP	115		-		80-120	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850108-4 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C												
Arsenic, TCLP	0.03J	1.2	1.3	108		-	-		75-125	-		20
Barium, TCLP	1.2	20	23	109		-	-		75-125	-		20
Cadmium, TCLP	ND	0.51	0.57	112		-	-		75-125	-		20
Chromium, TCLP	ND	2	1.9	95		-	-		75-125	-		20
Lead, TCLP	ND	5.1	5.2	102		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.4	117		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.53	106		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850166-4 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C												
Mercury, TCLP	ND	0.025	0.0261	104		-	-		80-120	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis
Batch Quality Control

Lab Number: L1532897
Report Date: 12/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850108-3 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C						
Arsenic, TCLP	0.03J	0.02J	mg/l	NC		20
Barium, TCLP	1.2	1.2	mg/l	0		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Westborough Lab Associated sample(s): 01 QC Batch ID: WG850166-3 QC Sample: L1532897-01 Client ID: IRM4-STOCKPILE-02-C						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Test Material Information

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

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	12/14/15 23:59	1,1030	TL



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

SAMPLE RESULTS

Lab ID: L1532897-01
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
pH (H)	7.9		SU	-	NA	1	-	12/14/15 23:35	1,9045D	AS
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:30	1,7.3	TL
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:21	1,7.3	TL



Project Name: PHILIPS BATH IRMS

Lab Number: L1532897

Project Number: 34201-313

Report Date: 12/16/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG849602-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:27	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG849604-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/14/15 19:15	12/14/15 21:18	1,7.3	TL

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849602-2								
Cyanide, Reactive	70		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849604-2								
Sulfide, Reactive	83		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG849659-3								
pH	101		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532897

Report Date: 12/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849602-3 QC Sample: L1532846-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849604-3 QC Sample: L1532846-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG849659-4 QC Sample: L1532938-01 Client ID: DUP Sample						
pH	7.0	6.9	SU	1		5

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532897**Report Date:** 12/16/15**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1532897-01A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	IGNIT- 1030(14),REACTS(14),PH- 9045(1),REACTCN(14)
L1532897-01X	Plastic 120ml HNO3 preserved spl	A	<2	5.7	Y	Absent	CD-CI(180),AS-CI(180),BA- CI(180),HG-C(28),PB- CI(180),CR-CI(180),SE- CI(180),AG-CI(180)
L1532897-01X9	Tumble Vessel	A	N/A	5.7	Y	Absent	-

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532897
Report Date: 12/16/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

Page 22 of 22



ANALYTICAL REPORT

Lab Number:	L1532338
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	12/09/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1532338-01	IRM4-STOCKPILE-02-D	SOIL	BATH, NY	12/08/15 12:30	12/08/15
L1532338-02	IRM4-STOCKPILE-02-C	SOIL	BATH, NY	12/08/15 12:35	12/08/15

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Case Narrative (continued)

Report Submission

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

Chromium, Hexavalent

The WG848041-2 LCS recovery (70%), associated with L1532338-02, is below our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 12/09/15

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-01
Client ID: IRM4-STOCKPILE-02-D
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/09/15 09:41
Analyst: BN
Percent Solids: 86%

Date Collected: 12/08/15 12:30
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	0.98	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.08	1
Chloroform	ND		ug/kg	1.3	0.33	1
Carbon tetrachloride	ND		ug/kg	0.89	0.19	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.20	1
Dibromochloromethane	ND		ug/kg	0.89	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.27	1
Tetrachloroethene	ND		ug/kg	0.89	0.12	1
Chlorobenzene	ND		ug/kg	0.89	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.10	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.10	1
Bromodichloromethane	ND		ug/kg	0.89	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.11	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.10	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.09	1
Benzene	ND		ug/kg	0.89	0.10	1
Toluene	ND		ug/kg	1.3	0.17	1
Ethylbenzene	ND		ug/kg	0.89	0.11	1
Chloromethane	ND		ug/kg	4.4	0.26	1
Bromomethane	ND		ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.10	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Trichloroethene	1.3		ug/kg	0.89	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.12	1

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-01
 Client ID: IRM4-STOCKPILE-02-D
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:30
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.8	0.08	1
p/m-Xylene	ND		ug/kg	1.8	0.18	1
o-Xylene	ND		ug/kg	1.8	0.15	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.13	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.17	1
Acetone	ND		ug/kg	8.9	0.92	1
Carbon disulfide	ND		ug/kg	8.9	0.98	1
2-Butanone	ND		ug/kg	8.9	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	0.22	1
2-Hexanone	ND		ug/kg	8.9	0.59	1
Bromochloromethane	ND		ug/kg	4.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	3.5	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	0.35	1
Isopropylbenzene	ND		ug/kg	0.89	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.13	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.16	1
Methyl Acetate	ND		ug/kg	18	0.24	1
Cyclohexane	ND		ug/kg	18	0.13	1
1,4-Dioxane	ND		ug/kg	89	13.	1
Freon-113	ND		ug/kg	18	0.24	1
Methyl cyclohexane	ND		ug/kg	3.5	0.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	1.5	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 12/09/15 08:49
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 12/09/15 08:49

Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG848154-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Methylene chloride	102		99		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	98		92		70-130	6		30
1,2-Dichloropropane	108		105		70-130	3		30
Dibromochloromethane	93		93		70-130	0		30
2-Chloroethylvinyl ether	104		101		70-130	3		30
1,1,2-Trichloroethane	103		101		70-130	2		30
Tetrachloroethene	99		92		70-130	7		30
Chlorobenzene	103		100		70-130	3		30
Trichlorofluoromethane	154	Q	134		70-139	14		30
1,2-Dichloroethane	108		108		70-130	0		30
1,1,1-Trichloroethane	103		96		70-130	7		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	101		101		70-130	0		30
cis-1,3-Dichloropropene	104		102		70-130	2		30
1,1-Dichloropropene	108		101		70-130	7		30
Bromoform	86		90		70-130	5		30
1,1,2,2-Tetrachloroethane	100		100		70-130	0		30
Benzene	105		100		70-130	5		30
Toluene	100		97		70-130	3		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Ethylbenzene	105		100		70-130	5		30
Chloromethane	104		100		52-130	4		30
Bromomethane	118		119		57-147	1		30
Vinyl chloride	124		114		67-130	8		30
Chloroethane	135		118		50-151	13		30
1,1-Dichloroethene	101		93		65-135	8		30
trans-1,2-Dichloroethene	100		96		70-130	4		30
Trichloroethene	104		99		70-130	5		30
1,2-Dichlorobenzene	100		98		70-130	2		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	101		99		70-130	2		30
Methyl tert butyl ether	101		101		66-130	0		30
p/m-Xylene	104		99		70-130	5		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Dibromomethane	102		99		70-130	3		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	104		93		30-146	11		30
Acetone	102		102		54-140	0		30
Carbon disulfide	101		95		59-130	6		30
2-Butanone	98		104		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Vinyl acetate	107		110		70-130	3		30
4-Methyl-2-pentanone	103		104		70-130	1		30
1,2,3-Trichloropropane	106		106		68-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	102		99		70-130	3		30
2,2-Dichloropropane	106		98		70-130	8		30
1,2-Dibromoethane	98		98		70-130	0		30
1,3-Dichloropropane	104		103		69-130	1		30
1,1,1,2-Tetrachloroethane	95		94		70-130	1		30
Bromobenzene	98		96		70-130	2		30
n-Butylbenzene	110		104		70-130	6		30
sec-Butylbenzene	106		100		70-130	6		30
tert-Butylbenzene	103		98		70-130	5		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	104		101		70-130	3		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30
Hexachlorobutadiene	103		93		67-130	10		30
Isopropylbenzene	103		97		70-130	6		30
p-Isopropyltoluene	104		99		70-130	5		30
Naphthalene	97		94		70-130	3		30
Acrylonitrile	104		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Isopropyl Ether	108		107		66-130	1		30
tert-Butyl Alcohol	94		94		70-130	0		30
n-Propylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	99		94		70-130	5		30
1,2,4-Trichlorobenzene	100		94		70-130	6		30
1,3,5-Trimethylbenzene	105		100		70-130	5		30
1,2,4-Trimethylbenzene	104		100		70-130	4		30
Methyl Acetate	107		107		51-146	0		30
Ethyl Acetate	108		108		70-130	0		30
Acrolein	91		94		70-130	3		30
Cyclohexane	111		102		59-142	8		30
1,4-Dioxane	107		106		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		96		50-139	8		30
p-Diethylbenzene	104		100		70-130	4		30
p-Ethyltoluene	103		99		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		99		70-130	5		30
Tetrahydrofuran	101		102		66-130	1		30
Ethyl ether	105		105		67-130	0		30
trans-1,4-Dichloro-2-butene	102		104		70-130	2		30
Methyl cyclohexane	109		100		70-130	9		30
Ethyl-Tert-Butyl-Ether	104		104		70-130	0		30

Lab Control Sample Analysis**Batch Quality Control****Project Name:** PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG848154-1 WG848154-2								
Tertiary-Amyl Methyl Ether	103		102		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	99		100		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02 D2
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 16:15
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	46000		ug/kg	1200	350	10
Phenanthrene	42000		ug/kg	1200	380	10

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02 D
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/09/15 15:24
Analyst: PS
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7600		ug/kg	770	200	5
Hexachlorobenzene	ND		ug/kg	580	180	5
Bis(2-chloroethyl)ether	ND		ug/kg	860	270	5
2-Chloronaphthalene	ND		ug/kg	960	310	5
3,3'-Dichlorobenzidine	ND		ug/kg	960	260	5
2,4-Dinitrotoluene	ND		ug/kg	960	210	5
2,6-Dinitrotoluene	ND		ug/kg	960	250	5
Fluoranthene	45000	E	ug/kg	580	180	5
4-Chlorophenyl phenyl ether	ND		ug/kg	960	290	5
4-Bromophenyl phenyl ether	ND		ug/kg	960	220	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	340	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	290	5
Hexachlorobutadiene	ND		ug/kg	960	270	5
Hexachlorocyclopentadiene	ND		ug/kg	2700	620	5
Hexachloroethane	ND		ug/kg	770	170	5
Isophorone	ND		ug/kg	860	260	5
Naphthalene	4700		ug/kg	960	320	5
Nitrobenzene	ND		ug/kg	860	230	5
NDPA/DPA	ND		ug/kg	770	200	5
n-Nitrosodi-n-propylamine	ND		ug/kg	960	290	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	960	250	5
Butyl benzyl phthalate	ND		ug/kg	960	190	5
Di-n-butylphthalate	ND		ug/kg	960	180	5
Di-n-octylphthalate	ND		ug/kg	960	240	5
Diethyl phthalate	ND		ug/kg	960	200	5
Dimethyl phthalate	ND		ug/kg	960	240	5
Benzo(a)anthracene	17000		ug/kg	580	190	5
Benzo(a)pyrene	16000		ug/kg	770	240	5
Benzo(b)fluoranthene	19000		ug/kg	580	190	5
Benzo(k)fluoranthene	7700		ug/kg	580	180	5

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02 D
 Client ID: IRM4-STOCKPILE-02-C
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:35
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	16000		ug/kg	580	190	5
Acenaphthylene	ND		ug/kg	770	180	5
Anthracene	13000		ug/kg	580	160	5
Benzo(ghi)perylene	9600		ug/kg	770	200	5
Fluorene	7400		ug/kg	960	280	5
Phenanthrene	42000	E	ug/kg	580	190	5
Dibenzo(a,h)anthracene	2000		ug/kg	580	190	5
Indeno(1,2,3-cd)pyrene	11000		ug/kg	770	210	5
Pyrene	36000		ug/kg	580	190	5
Biphenyl	1000	J	ug/kg	2200	320	5
4-Chloroaniline	ND		ug/kg	960	250	5
2-Nitroaniline	ND		ug/kg	960	270	5
3-Nitroaniline	ND		ug/kg	960	260	5
4-Nitroaniline	ND		ug/kg	960	260	5
Dibenzofuran	5500		ug/kg	960	320	5
2-Methylnaphthalene	3200		ug/kg	1200	310	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	960	300	5
Acetophenone	ND		ug/kg	960	300	5
2,4,6-Trichlorophenol	ND		ug/kg	580	180	5
p-Chloro-m-cresol	ND		ug/kg	960	280	5
2-Chlorophenol	ND		ug/kg	960	290	5
2,4-Dichlorophenol	ND		ug/kg	860	310	5
2,4-Dimethylphenol	ND		ug/kg	960	290	5
2-Nitrophenol	ND		ug/kg	2100	300	5
4-Nitrophenol	ND		ug/kg	1300	310	5
2,4-Dinitrophenol	ND		ug/kg	4600	1300	5
4,6-Dinitro-o-cresol	ND		ug/kg	2500	350	5
Pentachlorophenol	ND		ug/kg	770	200	5
Phenol	ND		ug/kg	960	280	5
2-Methylphenol	ND		ug/kg	960	310	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	320	5
2,4,5-Trichlorophenol	ND		ug/kg	960	310	5
Carbazole	5800		ug/kg	960	210	5
Benzaldehyde	ND		ug/kg	1300	390	5
Caprolactam	ND		ug/kg	960	260	5
Atrazine	ND		ug/kg	770	220	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	960	160	5

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02 D
 Client ID: IRM4-STOCKPILE-02-C
 Sample Location: BATH, NY

Date Collected: 12/08/15 12:35
 Date Received: 12/08/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	101		18-120

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 12/09/15 11:59
 Analyst: PS

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 00:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG847951-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Acenaphthene	77		87		31-137	12		50
Benzidine	16		34		10-66	72	Q	50
n-Nitrosodimethylamine	64		71		22-100	10		50
1,2,4-Trichlorobenzene	76		86		38-107	12		50
Hexachlorobenzene	83		97		40-140	16		50
Bis(2-chloroethyl)ether	69		79		40-140	14		50
2-Chloronaphthalene	84		95		40-140	12		50
1,2-Dichlorobenzene	69		79		40-140	14		50
1,3-Dichlorobenzene	69		77		40-140	11		50
1,4-Dichlorobenzene	69		77		28-104	11		50
3,3'-Dichlorobenzidine	48		53		40-140	10		50
2,4-Dinitrotoluene	88		101	Q	28-89	14		50
2,6-Dinitrotoluene	93		106		40-140	13		50
Fluoranthene	85		98		40-140	14		50
4-Chlorophenyl phenyl ether	84		93		40-140	10		50
4-Bromophenyl phenyl ether	84		94		40-140	11		50
Azobenzene	79		91		40-140	14		50
Bis(2-chloroisopropyl)ether	70		81		40-140	15		50
Bis(2-chloroethoxy)methane	77		89		40-117	14		50
Hexachlorobutadiene	80		91		40-140	13		50
Hexachlorocyclopentadiene	115		127		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Hexachloroethane	72		80		40-140	11		50
Isophorone	80		92		40-140	14		50
Naphthalene	76		86		40-140	12		50
Nitrobenzene	78		88		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		97		36-157	14		50
n-Nitrosodi-n-propylamine	78		89		32-121	13		50
Bis(2-Ethylhexyl)phthalate	88		103		40-140	16		50
Butyl benzyl phthalate	91		103		40-140	12		50
Di-n-butylphthalate	86		100		40-140	15		50
Di-n-octylphthalate	90		105		40-140	15		50
Diethyl phthalate	84		95		40-140	12		50
Dimethyl phthalate	81		92		40-140	13		50
Benzo(a)anthracene	83		95		40-140	13		50
Benzo(a)pyrene	84		99		40-140	16		50
Benzo(b)fluoranthene	83		95		40-140	13		50
Benzo(k)fluoranthene	79		92		40-140	15		50
Chrysene	80		92		40-140	14		50
Acenaphthylene	88		99		40-140	12		50
Anthracene	86		100		40-140	15		50
Benzo(ghi)perylene	80		92		40-140	14		50
Fluorene	81		92		40-140	13		50

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
Phenanthrene	79		90		40-140	13		50
Dibenzo(a,h)anthracene	85		100		40-140	16		50
Indeno(1,2,3-cd)Pyrene	86		101		40-140	16		50
Pyrene	83		96		35-142	15		50
Biphenyl	78		87		54-104	11		50
Aniline	46		46		40-140	0		50
4-Chloroaniline	70		78		40-140	11		50
2-Nitroaniline	90		102		47-134	13		50
3-Nitroaniline	61		69		26-129	12		50
4-Nitroaniline	87		97		41-125	11		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	80		90		40-140	12		50
1,2,4,5-Tetrachlorobenzene	74		84		40-117	13		50
Acetophenone	83		96		14-144	15		50
2,4,6-Trichlorophenol	87		101		30-130	15		50
P-Chloro-M-Cresol	89		101		26-103	13		50
2-Chlorophenol	76		88		25-102	15		50
2,4-Dichlorophenol	87		98		30-130	12		50
2,4-Dimethylphenol	97		111		30-130	13		50
2-Nitrophenol	81		94		30-130	15		50
4-Nitrophenol	91		106		11-114	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								
2,4-Dinitrophenol	13		14		4-130	7		50
4,6-Dinitro-o-cresol	37		46		10-130	22		50
Pentachlorophenol	49		58		17-109	17		50
Phenol	79		90		26-90	13		50
2-Methylphenol	80		93		30-130.	15		50
3-Methylphenol/4-Methylphenol	82		94		30-130	14		50
2,4,5-Trichlorophenol	92		105		30-130	13		50
Benzoic Acid	0	Q	0	Q	10-66	NC		50
Benzyl Alcohol	82		95		40-140	15		50
Carbazole	82		94		54-128	14		50
Benzaldehyde	71		82		40-140	14		50
Caprolactam	87		96		15-130	10		50
Atrazine	103		120		40-140	15		50
2,3,4,6-Tetrachlorophenol	76		89		40-140	16		50
Pyridine	36		38		10-93	5		50
1-Methylnaphthalene	83		95		26-130	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG847951-2 WG847951-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		88		25-120
Phenol-d6	82		94		10-120
Nitrobenzene-d5	79		91		23-120
2-Fluorobiphenyl	85		96		30-120
2,4,6-Tribromophenol	82		96		10-136
4-Terphenyl-d14	86		99		18-120

PCBS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/09/15 09:01
Analyst: JT
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/09/15
Cleanup Method: EPA 3660B
Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.02	1	A
Aroclor 1221	ND		ug/kg	38.2	3.52	1	A
Aroclor 1232	ND		ug/kg	38.2	4.48	1	A
Aroclor 1242	ND		ug/kg	38.2	4.68	1	A
Aroclor 1248	ND		ug/kg	38.2	3.22	1	A
Aroclor 1254	ND		ug/kg	38.2	3.14	1	A
Aroclor 1260	ND		ug/kg	38.2	2.91	1	A
Aroclor 1262	ND		ug/kg	38.2	1.90	1	A
Aroclor 1268	ND		ug/kg	38.2	5.54	1	A
PCBs, Total	ND		ug/kg	38.2	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 12/09/15 09:14
 Analyst: JT

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 12/09/15
 Cleanup Method: EPA 3660B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG847987-1						
Aroclor 1016	ND		ug/kg	31.9	2.52	A
Aroclor 1221	ND		ug/kg	31.9	2.94	A
Aroclor 1232	ND		ug/kg	31.9	3.74	A
Aroclor 1242	ND		ug/kg	31.9	3.90	A
Aroclor 1248	ND		ug/kg	31.9	2.69	A
Aroclor 1254	ND		ug/kg	31.9	2.62	A
Aroclor 1260	ND		ug/kg	31.9	2.43	A
Aroclor 1262	ND		ug/kg	31.9	1.58	A
Aroclor 1268	ND		ug/kg	31.9	4.63	A
PCBs, Total	ND		ug/kg	31.9	1.58	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	137		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	138		30-150	B
Decachlorobiphenyl	116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG847987-2 WG847987-3									
Aroclor 1016	99		92		40-140	7		50	A
Aroclor 1260	77		76		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		86		30-150	A
Decachlorobiphenyl	70		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		85		30-150	B
Decachlorobiphenyl	67		74		30-150	B

PESTICIDES

Project Name: PHILIPS BATH IRMS**Lab Number:** L1532338**Project Number:** 34201-313**Report Date:** 12/09/15**SAMPLE RESULTS**

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/09/15 11:55
Analyst: KE
Percent Solids: 85%

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/09/15 04:43
Cleanup Method: EPA 3620B
Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.771	0.344	1	A
Alpha-BHC	ND		ug/kg	0.771	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.925	0.415	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.771	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.660	1	A
4,4'-DDT	ND		ug/kg	3.47	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.771	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.0	6.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG847986-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.633	0.283	A
Alpha-BHC	ND		ug/kg	0.633	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.576	A
Heptachlor	ND		ug/kg	0.759	0.340	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.854	A
Endrin	ND		ug/kg	0.633	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.949	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.633	0.301	A
Methoxychlor	ND		ug/kg	2.85	0.886	A
Toxaphene	ND		ug/kg	28.5	7.97	A
cis-Chlordane	ND		ug/kg	1.90	0.529	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.3	5.03	A

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8081B
 Analytical Date: 12/09/15 10:52
 Analyst: KE

Extraction Method: EPA 3546
 Extraction Date: 12/09/15 04:43
 Cleanup Method: EPA 3620B
 Cleanup Date: 12/09/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG847986-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	69		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG847986-2 WG847986-3									
Delta-BHC	79		89		30-150	12		30	A
Lindane	78		82		30-150	5		30	A
Alpha-BHC	82		87		30-150	6		30	A
Beta-BHC	96		151	Q	30-150	45	Q	30	A
Heptachlor	85		90		30-150	6		30	A
Aldrin	82		89		30-150	8		30	A
Heptachlor epoxide	73		81		30-150	10		30	A
Endrin	91		100		30-150	9		30	A
Endrin aldehyde	46		62		30-150	30		30	A
Endrin ketone	73		82		30-150	12		30	A
Dieldrin	86		91		30-150	6		30	A
4,4'-DDE	76		80		30-150	5		30	A
4,4'-DDD	88		94		30-150	7		30	A
4,4'-DDT	88		99		30-150	12		30	A
Endosulfan I	83		87		30-150	5		30	A
Endosulfan II	79		88		30-150	11		30	A
Endosulfan sulfate	68		77		30-150	12		30	A
Methoxychlor	82		94		30-150	14		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	82		89		30-150	8		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG847986-2 WG847986-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		77		30-150	B
Decachlorobiphenyl	73		87		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		92		30-150	A
Decachlorobiphenyl	77		90		30-150	A

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02

Date Collected: 12/08/15 12:35

Client ID: IRM4-STOCKPILE-02-C

Date Received: 12/08/15

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.3		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Barium, Total	34		mg/kg	0.45	0.14	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Beryllium, Total	0.20	J	mg/kg	0.23	0.05	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.45	0.03	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Chromium, Total	7.1		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Copper, Total	13		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Lead, Total	2.9		mg/kg	2.3	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Manganese, Total	210		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Mercury, Total	14		mg/kg	0.76	0.16	10	12/09/15 09:35	12/09/15 13:35	EPA 7471B	1,7471B	DB
Nickel, Total	11		mg/kg	1.1	0.18	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Selenium, Total	0.54	J	mg/kg	0.91	0.14	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Silver, Total	ND		mg/kg	0.45	0.09	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH
Zinc, Total	38		mg/kg	2.3	0.32	1	12/09/15 05:12	12/09/15 09:15	EPA 3050B	1,6010C	JH



Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG847963-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/09/15 09:35	12/09/15 12:10	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG847985-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Barium, Total	ND		mg/kg	0.40	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Beryllium, Total	ND		mg/kg	0.20	0.04	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Cadmium, Total	ND		mg/kg	0.40	0.03	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Chromium, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Copper, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Lead, Total	ND		mg/kg	2.0	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Manganese, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Nickel, Total	ND		mg/kg	1.0	0.16	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Selenium, Total	ND		mg/kg	0.80	0.12	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Silver, Total	ND		mg/kg	0.40	0.08	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH
Zinc, Total	ND		mg/kg	2.0	0.28	1	12/09/15 05:12	12/09/15 09:00	1,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG847963-2 SRM Lot Number: D088-540								
Mercury, Total	107		-		72-128	-		
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG847985-2 SRM Lot Number: D088-540								
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	93		-		83-117	-		
Cadmium, Total	95		-		83-117	-		
Chromium, Total	92		-		80-120	-		
Copper, Total	98		-		81-118	-		
Lead, Total	82		-		81-117	-		
Manganese, Total	115		-		81-118	-		
Nickel, Total	94		-		83-117	-		
Selenium, Total	102		-		78-122	-		
Silver, Total	96		-		75-124	-		
Zinc, Total	97		-		82-118	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847963-4 QC Sample: L1532336-01 Client ID: MS Sample												
Mercury, Total	8.8	0.154	37	18200	Q	-	-		80-120	-		20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847985-4 QC Sample: L1532336-01 Client ID: MS Sample												
Arsenic, Total	3.8	10.7	8.2	41	Q	-	-		75-125	-		20
Barium, Total	77.	179	170	52	Q	-	-		75-125	-		20
Beryllium, Total	0.18J	4.48	2.0	45	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.56	1.8	39	Q	-	-		75-125	-		20
Chromium, Total	6.0	17.9	12	34	Q	-	-		75-125	-		20
Copper, Total	14.	22.4	22	36	Q	-	-		75-125	-		20
Lead, Total	3.2	45.6	20	37	Q	-	-		75-125	-		20
Manganese, Total	230	44.8	230	0	Q	-	-		75-125	-		20
Nickel, Total	9.5	44.8	26	37	Q	-	-		75-125	-		20
Selenium, Total	0.49J	10.7	5.2	48	Q	-	-		75-125	-		20
Silver, Total	ND	26.8	12	45	Q	-	-		75-125	-		20
Zinc, Total	48.	44.8	62	31	Q	-	-		75-125	-		20

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Duplicate Analysis

Batch Quality Control

Lab Number: L1532338
Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847963-3 QC Sample: L1532336-01 Client ID: DUP Sample						
Mercury, Total	8.8	15	mg/kg	52	Q	20
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG847985-3 QC Sample: L1532336-01 Client ID: DUP Sample						
Arsenic, Total	3.8	4.0	mg/kg	5		20
Barium, Total	77.	53	mg/kg	37	Q	20
Beryllium, Total	0.18J	0.19J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	6.0	6.0	mg/kg	0		20
Copper, Total	14.	13	mg/kg	7		20
Lead, Total	3.2	3.2	mg/kg	0		20
Manganese, Total	230	240	mg/kg	4		20
Nickel, Total	9.5	9.7	mg/kg	2		20
Selenium, Total	0.49J	0.47J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	48.	42	mg/kg	13		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1532338**Report Date:** 12/09/15**SAMPLE RESULTS****Lab ID:** L1532338-01**Client ID:** IRM4-STOCKPILE-02-D**Sample Location:** BATH, NY**Matrix:** Soil**Date Collected:** 12/08/15 12:30**Date Received:** 12/08/15**Field Prep:** Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

SAMPLE RESULTS

Lab ID: L1532338-02
Client ID: IRM4-STOCKPILE-02-C
Sample Location: BATH, NY
Matrix: Soil

Date Collected: 12/08/15 12:35
Date Received: 12/08/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	7.1		mg/kg	0.94	0.94	1	-	12/09/15 12:39	107,-	
Solids, Total	85.4		%	0.100	NA	1	-	12/09/15 07:52	30,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.18	1	12/09/15 09:07	12/09/15 12:37	1,9010C/9012B	ML
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	12/09/15 09:04	12/09/15 12:39	1,7196A	AL



Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG848041-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	12/09/15 09:04	12/09/15 12:35	1,7196A	AL
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG848061-1										
Cyanide, Total	ND		mg/kg	0.93	0.15	1	12/09/15 09:07	12/09/15 12:21	1,9010C/9012B	ML

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG848041-2								
Chromium, Hexavalent	70	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG848061-2 WG848061-3								
Cyanide, Total	90		89		80-120	1		35

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1532338

Project Number: 34201-313

Report Date: 12/09/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848041-4 QC Sample: L1532338-02 Client ID: IRM4-STOCKPILE-02-C												
Chromium, Hexavalent	ND	1440	1100	76		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848061-4 WG848061-5 QC Sample: L1532336-01 Client ID: MS Sample												
Cyanide, Total	0.32J	11	10	89		10	90		65-135	0		35

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG848003-1 QC Sample: L1532336-01 Client ID: DUP Sample						
Solids, Total	87.9	85.3	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG848041-6 QC Sample: L1532338-02 Client ID: IRM4-STOCKPILE-02-C						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1532338

Report Date: 12/09/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/09/2015 04:33

Cooler Information Custody Seal

Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1532338-01A	Vial MeOH preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01B	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01C	Vial water preserved	A	N/A	5.7	Y	Absent	NYTCL-8260HLW(14)
L1532338-01D	Plastic 2oz unpreserved for TS	A	N/A	5.7	Y	Absent	TS(7)
L1532338-02A	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)
L1532338-02B	Glass 250ml/8oz unpreserved	A	N/A	5.7	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),NYTCL-8081(14),HG-T(28),MN-TI(180),NYTCL-8082(14),CD-TI(180),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1532338
Report Date: 12/09/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

L1532338

Page 58 of 58

APPENDIX I

Waste Disposal Documentation – Soils

STEUBEN COUNTY D.P.W.
BATH LANDFILL

TK 113 Load 254

Bill Acct: HALEALDR Haul Acct: HALEALDR Tran#: 3367620
Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68
Vehicle# : C6841 ---In--- ---Out---
TT = 100 - Commercial BY WEIGH Date 01/12/16 01/12/16
PT = 0 - Not Found Time 13:26 13:35
OT = 130 - Bath

Material Types
1200 - BUD - Soil

	<u>Lbs</u>	<u>Tons</u>
Gross	47720	23.86
Tare	30200	15.10
NET	17520	8.76

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137
phillips lighting

TK 113 Load 251

STEBEN COUNTY
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE DIVISION
3 EAST PULTENEY SQUARE
BATH, NEW YORK 14810

APPLICATION FOR DISPOSAL OF AN
INDUSTRIAL WASTE STREAM
BATH LANDFILL - SITE NO. 51S21

FOR COUNTY USE	
☒ APPROVED	☐ DISAPPROVED
DATE <i>12 January 16</i>	DATE SENT TO DEC

Please Note: A copy of the approved application must accompany each load.

SEND INVOICE TO: Haley & Aldrich Construction Services, Inc.
70 Blanchard Road #204, Burlington, MA 01803
Phone: (617) 886-7400

Company Generating Waste Phillips Lighting Company	Address of Generator 7265 State Route 54 Bath NY 14810	Telephone No.
Representative of Generator Jesse J. Overgord Sr. Project Manager	Address of Generator P.O. Box 88 1 Mount Vernon Street Lock Haven PA 17745	Telephone No. 1-(570)-748-6492
Description of Process Producing Waste Overburden and underlying soils generated from excavation activities in IRM 4 associated with demolition of former explosive bunker.		
Expected Annual Waste Production 50 Tons/Year	Waste Hauled In ☐ Roll-Off ☒ Dump Truck ☐ Compactor Truck ☒ Other	
Waste Composition Average Percent Solids 100.00%	Physical State ☐ Slurry ☐ Sludge ☒ Solid	
Description of Waste 1) Soil 98% 2) Debris 1.9% 3) PPE 0.1% 4)		
Is An Analysis of Waste Attached? ☒ Yes ☐ No	Was EPA Toxicity Test Conducted on Waste? ☐ Yes ☒ No If Yes, Attach Results	Material is: ☐ Hazardous ☒ Non-Hazardous
Detail All Hazardous and Nuisance Problems Associated with the Waste. List Necessary Safety, Handling, and Disposal Precautions. Solid non-hazardous soil and debris.		
Contained-In Policy Determination Letter is attached as follows: Letter-Correspondence.BCP.C851044.2016-01-07.Phillips Bath Site ContainedIn Determination Approval for IRM-4.		
Analytical Results are attached as follows: Alpha Analytical Report L1532897, which includes one (1) composite sample (L1532897-01) for TCLP. Alpha Analytical Report L1532338, which includes one (1) discrete sample (L1532338-02) and one (1) composite sample (L1532338-01) for Totals concentration.		
Name of Waste Transporter Dickson Trucking	Address 72971 Knight Settlement Road, Bath, NY 14810	NYSDEC Permit No. 8A195 Telephone No. 607-776-7055
CERTIFICATION I hereby affirm under penalty of perjury that information provided in this form and attached statements exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.15 of the Penal Law.		

STEUBEN COUNTY D.P.W.
BATH LANDFILL

TK 113

Load 252.

Bill Acct: HALEALDR

Haul Acct: HALEALDR

Tran#: 3367630

Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68

Vehicle# : C6841

---In---

---Out--

TT = 100 - Commercial BY WEIGH

Date 01/12/16

01/12/16

PT = 0 - Not Found

Time 14:17

14:25

OT = 130 - Bath

Material Types

1200 - BUD - Soil

	<u>Lbs</u>	<u>Tons</u>
Gross	49140	24.57
Tare	30160	15.08
NET	18980	9.49

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137

phillips

STEUBEN COUNTY D.P.W.
BATH LANDFILL

TK 113 Load 254

Bill Acct: HALEALDR Haul Acct: HALEALDR Tran#: 3367620
Company: HALEY & ALDRICH CONST 6 Company: HALEY & ALDRICH CONST 68
Vehicle# : C6841 ---In--- ---Out---
TT = 100 - Commercial BY WEIGH Date 01/12/16 01/12/16
PT = 0 - Not Found Time 13:26 13:35
OT = 130 - Bath

Material Types
1200 - BUD - Soil

	<u>Lbs</u>	<u>Tons</u>
Gross	47720	23.86
Tare	30200	15.10
NET	17520	8.76

VOL/QY/CYD = 0

Driver: _____ Weighmaster: Lucinda H Whitney 460137
phillips lighting

APPENDIX J

Decontamination Water Sample Laboratory Report



ANALYTICAL REPORT

Lab Number:	L1600082
Client:	Haley & Aldrich 200 Town Centre Drive Suite 2 Rochester, NY 14623-4264
ATTN:	Benjamin Drayn
Phone:	(585) 321-4245
Project Name:	PHILIPS BATH IRMS
Project Number:	34201-313
Report Date:	01/05/16

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

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1600082-01	2016-0104-WATER	WATER	BATH, NY	01/04/16 15:00	01/04/16

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

Case Narrative

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

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

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

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

Case Narrative (continued)

Report Submission

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

Metals

The WG854756-3 Laboratory Duplicate RPDs, performed on L1600082-01, are outside the acceptance criteria for arsenic (56%), chromium (70%), copper (36%), lead (27%), nickel (39%), and zinc (23%). The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/05/16

ORGANICS

VOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/05/16 10:49
Analyst: PD

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	110		70-130

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/05/16 10:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG854863-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 01/05/16 10:16
 Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG854863-3					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: PHILIPS BATH IRMS**Lab Number:** L1600082**Project Number:** 34201-313**Report Date:** 01/05/16**Method Blank Analysis**
Batch Quality Control

Analytical Method: 1,8260C

Analytical Date: 01/05/16 10:16

Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG854863-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854863-1 WG854863-2								
Methylene chloride	102		96		70-130	6		20
1,1-Dichloroethane	100		97		70-130	3		20
Chloroform	96		91		70-130	5		20
2-Chloroethylvinyl ether	82		77		70-130	6		20
Carbon tetrachloride	97		95		63-132	2		20
1,2-Dichloropropane	96		93		70-130	3		20
Dibromochloromethane	92		91		63-130	1		20
1,1,2-Trichloroethane	91		85		70-130	7		20
Tetrachloroethene	95		89		70-130	7		20
Chlorobenzene	97		92		75-130	5		20
Trichlorofluoromethane	63		61	Q	62-150	3		20
1,2-Dichloroethane	90		83		70-130	8		20
1,1,1-Trichloroethane	98		92		67-130	6		20
Bromodichloromethane	91		89		67-130	2		20
trans-1,3-Dichloropropene	90		87		70-130	3		20
cis-1,3-Dichloropropene	93		87		70-130	7		20
1,1-Dichloropropene	95		91		70-130	4		20
Bromoform	79		79		54-136	0		20
1,1,2,2-Tetrachloroethane	92		88		67-130	4		20
Benzene	93		90		70-130	3		20
Toluene	96		91		70-130	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854863-1 WG854863-2								
Ethylbenzene	89		82		70-130	8		20
Chloromethane	120		107		64-130	11		20
Bromomethane	93		83		39-139	11		20
Vinyl chloride	88		80		55-140	10		20
Chloroethane	70		64		55-138	9		20
1,1-Dichloroethene	63		63		61-145	0		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	94		88		70-130	7		20
1,2-Dichlorobenzene	100		91		70-130	9		20
1,3-Dichlorobenzene	105		94		70-130	11		20
1,4-Dichlorobenzene	100		92		70-130	8		20
Methyl tert butyl ether	84		80		63-130	5		20
p/m-Xylene	89		84		70-130	6		20
o-Xylene	84		77		70-130	9		20
cis-1,2-Dichloroethene	97		92		70-130	5		20
Dibromomethane	95		92		70-130	3		20
1,2,3-Trichloropropane	88		86		64-130	2		20
Acrylonitrile	94		91		70-130	3		20
Isopropyl Ether	98		93		70-130	5		20
tert-Butyl Alcohol	102		95		70-130	7		20
Styrene	86		80		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854863-1 WG854863-2								
Dichlorodifluoromethane	92		85		36-147	8		20
Acetone	65		49	Q	58-148	28	Q	20
Carbon disulfide	63		58		51-130	8		20
2-Butanone	76		77		63-138	1		20
Vinyl acetate	89		84		70-130	6		20
4-Methyl-2-pentanone	72		64		59-130	12		20
2-Hexanone	73		66		57-130	10		20
Bromochloromethane	102		98		70-130	4		20
2,2-Dichloropropane	101		95		63-133	6		20
1,2-Dibromoethane	89		87		70-130	2		20
1,3-Dichloropropane	92		87		70-130	6		20
1,1,1,2-Tetrachloroethane	99		94		64-130	5		20
Bromobenzene	104		93		70-130	11		20
n-Butylbenzene	96		85		53-136	12		20
sec-Butylbenzene	94		81		70-130	15		20
tert-Butylbenzene	76		66	Q	70-130	14		20
o-Chlorotoluene	103		94		70-130	9		20
p-Chlorotoluene	98		90		70-130	9		20
1,2-Dibromo-3-chloropropane	92		82		41-144	11		20
Hexachlorobutadiene	101		82		63-130	21	Q	20
Isopropylbenzene	97		90		70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854863-1 WG854863-2								
p-Isopropyltoluene	91		79		70-130	14		20
Naphthalene	84		77		70-130	9		20
n-Propylbenzene	97		87		69-130	11		20
1,2,3-Trichlorobenzene	96		85		70-130	12		20
1,2,4-Trichlorobenzene	97		82		70-130	17		20
1,3,5-Trimethylbenzene	98		88		64-130	11		20
1,2,4-Trimethylbenzene	100		88		70-130	13		20
Methyl Acetate	105		99		70-130	6		20
Ethyl Acetate	87		83		70-130	5		20
Cyclohexane	94		92		70-130	2		20
Ethyl-Tert-Butyl-Ether	87		85		70-130	2		20
Tertiary-Amyl Methyl Ether	79		77		66-130	3		20
1,4-Dioxane	147		96		56-162	42	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	61	Q	59	Q	70-130	3		20
p-Diethylbenzene	83		70		70-130	17		20
p-Ethyltoluene	87		78		70-130	11		20
1,2,4,5-Tetramethylbenzene	87		73		70-130	18		20
Ethyl ether	59		57	Q	59-134	3		20
trans-1,4-Dichloro-2-butene	88		86		70-130	2		20
Methyl cyclohexane	87		83		70-130	5		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854863-1 WG854863-2

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		91		70-130
Toluene-d8	100		102		70-130
4-Bromofluorobenzene	103		99		70-130
Dibromofluoromethane	104		106		70-130

SEMIVOLATILES

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/05/16 12:42
Analyst: RC

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	23		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
Atrazine	ND		ug/l	10	1.8	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	102		41-149

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/05/16 11:42
Analyst: KV

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.83		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	113		15-120
2,4,6-Tribromophenol	119		10-120
4-Terphenyl-d14	95		41-149

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 01/05/16 09:31
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG854737-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D-SIM
 Analytical Date: 01/05/16 09:31
 Analyst: KV

Extraction Method: EPA 3510C
 Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG854737-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	90		41-149

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 01/05/16 11:24
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG854744-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	1.3	J	ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.1
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270D
 Analytical Date: 01/05/16 11:24
 Analyst: RC

Extraction Method: EPA 3510C
 Extraction Date: 01/05/16 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG854744-1					
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
Atrazine	ND		ug/l	10	1.8
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	104		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG854737-2 WG854737-3								
Acenaphthene	93		87		37-111	7		40
2-Chloronaphthalene	93		86		40-140	8		40
Fluoranthene	105		94		40-140	11		40
Hexachlorobutadiene	78		77		40-140	1		40
Naphthalene	87		83		40-140	5		40
Benzo(a)anthracene	110		97		40-140	13		40
Benzo(a)pyrene	109		96		40-140	13		40
Benzo(b)fluoranthene	105		94		40-140	11		40
Benzo(k)fluoranthene	99		89		40-140	11		40
Chrysene	107		99		40-140	8		40
Acenaphthylene	105		97		40-140	8		40
Anthracene	102		92		40-140	10		40
Benzo(ghi)perylene	98		90		40-140	9		40
Fluorene	102		92		40-140	10		40
Phenanthrene	101		91		40-140	10		40
Dibenzo(a,h)anthracene	102		92		40-140	10		40
Indeno(1,2,3-cd)Pyrene	104		92		40-140	12		40
Pyrene	104		91		26-127	13		40
2-Methylnaphthalene	88		85		40-140	3		40
Pentachlorophenol	120	Q	108	Q	9-103	11		40
Hexachlorobenzene	97		87		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG854737-2 WG854737-3								
Hexachloroethane	88		88		40-140	0		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		54		21-120
Phenol-d6	43		41		10-120
Nitrobenzene-d5	97		89		23-120
2-Fluorobiphenyl	103		84		15-120
2,4,6-Tribromophenol	117		106		10-120
4-Terphenyl-d14	99		88		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854744-2 WG854744-3								
1,2,4-Trichlorobenzene	75		74		39-98	1		30
Bis(2-chloroethyl)ether	79		76		40-140	4		30
1,2-Dichlorobenzene	66		61		40-140	8		30
1,3-Dichlorobenzene	64		56		40-140	13		30
1,4-Dichlorobenzene	66		57		36-97	15		30
3,3'-Dichlorobenzidine	64		57		40-140	12		30
2,4-Dinitrotoluene	97	Q	100	Q	24-96	3		30
2,6-Dinitrotoluene	92		97		40-140	5		30
4-Chlorophenyl phenyl ether	93		95		40-140	2		30
4-Bromophenyl phenyl ether	96		103		40-140	7		30
Bis(2-chloroisopropyl)ether	86		82		40-140	5		30
Bis(2-chloroethoxy)methane	81		83		40-140	2		30
Hexachlorocyclopentadiene	87		93		40-140	7		30
Isophorone	84		85		40-140	1		30
Nitrobenzene	91		89		40-140	2		30
NitrosoDiPhenylAmine(NDPA)/DPA	91		94		40-140	3		30
n-Nitrosodi-n-propylamine	87		85		29-132	2		30
Bis(2-Ethylhexyl)phthalate	102		101		40-140	1		30
Butyl benzyl phthalate	101		102		40-140	1		30
Di-n-butylphthalate	99		103		40-140	4		30
Di-n-octylphthalate	107		102		40-140	5		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854744-2 WG854744-3								
Diethyl phthalate	99		102		40-140	3		30
Dimethyl phthalate	90		97		40-140	7		30
Biphenyl	90		90		54-104	0		30
4-Chloroaniline	82		70		40-140	16		30
2-Nitroaniline	95		100		52-143	5		30
3-Nitroaniline	68		66		25-145	3		30
4-Nitroaniline	94		94		51-143	0		30
Dibenzofuran	86		90		40-140	5		30
1,2,4,5-Tetrachlorobenzene	85		90		2-134	6		30
Acetophenone	88		89		39-129	1		30
2,4,6-Trichlorophenol	96		98		30-130	2		30
P-Chloro-M-Cresol	89		92		23-97	3		30
2-Chlorophenol	79		78		27-123	1		30
2,4-Dichlorophenol	93		95		30-130	2		30
2,4-Dimethylphenol	93		97		30-130	4		30
2-Nitrophenol	86		90		30-130	5		30
4-Nitrophenol	51		51		10-80	0		30
2,4-Dinitrophenol	85		62		20-130	31	Q	30
4,6-Dinitro-o-cresol	90		87		20-164	3		30
Phenol	39		39		12-110	0		30
2-Methylphenol	72		72		30-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG854744-2 WG854744-3								
3-Methylphenol/4-Methylphenol	70		71		30-130	1		30
2,4,5-Trichlorophenol	96		101		30-130	5		30
Benzoic Acid	38		14		10-110	92	Q	30
Benzyl Alcohol	75		73		15-110	3		30
Carbazole	91		96		55-144	5		30
Benzaldehyde	87		80		40-140	8		30
Caprolactam	29		28		10-130	4		30
Atrazine	128		137		40-140	7		30
2,3,4,6-Tetrachlorophenol	94		100		54-145	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		53		21-120
Phenol-d6	38		36		10-120
Nitrobenzene-d5	84		85		23-120
2-Fluorobiphenyl	76		79		15-120
2,4,6-Tribromophenol	102		102		10-120
4-Terphenyl-d14	93		94		41-149

PCBS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/05/16 10:12
Analyst: JT

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 01/05/16 05:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/05/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/05/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 01/05/16 09:26
 Analyst: JT

Extraction Method: EPA 3510C
 Extraction Date: 01/05/16 05:19
 Cleanup Method: EPA 3665A
 Cleanup Date: 01/05/16
 Cleanup Method: EPA 3660B
 Cleanup Date: 01/05/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG854766-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG854766-2 WG854766-3									
Aroclor 1016	95		88		40-140	8		50	A
Aroclor 1260	97		88		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		62		30-150	A
Decachlorobiphenyl	69		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		59		30-150	B
Decachlorobiphenyl	57		54		30-150	B

METALS

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01

Date Collected: 01/04/16 15:00

Client ID: 2016-0104-WATER

Date Received: 01/04/16

Sample Location: BATH, NY

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	0.00488		mg/l	0.00050	0.00012	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Barium, Total	0.08715		mg/l	0.00050	0.00006	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Beryllium, Total	0.00048	J	mg/l	0.00050	0.00015	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Cadmium, Total	0.00030		mg/l	0.00020	0.00005	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Chromium, Total	0.01793		mg/l	0.00100	0.00025	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Copper, Total	0.03886		mg/l	0.00100	0.00026	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Lead, Total	0.02476		mg/l	0.00100	0.00012	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Manganese, Total	0.9061		mg/l	0.01000	0.00302	10	01/05/16 02:30	01/05/16 15:35	EPA 3005A	1,6020A	SE
Mercury, Total	0.00016	J	mg/l	0.00020	0.00006	1	01/05/16 08:50	01/05/16 12:03	EPA 7470A	1,7470A	DB
Nickel, Total	0.03478		mg/l	0.00200	0.00008	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Selenium, Total	ND		mg/l	0.00500	0.00100	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Silver, Total	ND		mg/l	0.00040	0.00007	1	01/05/16 02:30	01/05/16 14:40	EPA 3005A	1,6020A	SE
Zinc, Total	0.4168		mg/l	0.1000	0.02560	10	01/05/16 02:30	01/05/16 15:35	EPA 3005A	1,6020A	SE



Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG854756-1										
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Barium, Total	ND		mg/l	0.00050	0.00006	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Chromium, Total	0.00044	J	mg/l	0.00100	0.00025	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Copper, Total	ND		mg/l	0.00100	0.00026	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Lead, Total	ND		mg/l	0.00100	0.00012	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Manganese, Total	ND		mg/l	0.00100	0.00030	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Nickel, Total	0.00191	J	mg/l	0.00200	0.00008	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Selenium, Total	ND		mg/l	0.00500	0.00100	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Silver, Total	ND		mg/l	0.00040	0.00007	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE
Zinc, Total	ND		mg/l	0.01000	0.00256	1	01/05/16 02:30	01/05/16 14:29	1,6020A	SE

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG854802-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/05/16 08:50	01/05/16 12:00	1,7470A	DB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG854756-2								
Arsenic, Total	103		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Copper, Total	112		-		80-120	-		
Lead, Total	99		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	97		-		80-120	-		
Zinc, Total	108		-		80-120	-		
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG854802-2								
Mercury, Total	112		-		80-120	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854756-4 QC Sample: L1600082-01 Client ID: 2016-0104-WATER												
Arsenic, Total	0.00488	0.12	0.1217	97		-	-		75-125	-		20
Barium, Total	0.08715	2	2.111	101		-	-		75-125	-		20
Beryllium, Total	0.00048J	0.05	0.05195	104		-	-		75-125	-		20
Cadmium, Total	0.00030	0.051	0.05613	109		-	-		75-125	-		20
Chromium, Total	0.01793	0.2	0.2075	95		-	-		75-125	-		20
Copper, Total	0.03886	0.25	0.2862	99		-	-		75-125	-		20
Lead, Total	0.02476	0.51	0.5518	103		-	-		75-125	-		20
Manganese, Total	0.9061	0.5	1.313	81		-	-		75-125	-		20
Nickel, Total	0.03478	0.5	0.5637	106		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.123	102		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05001	100		-	-		75-125	-		20
Zinc, Total	0.4168	0.5	0.8845	94		-	-		75-125	-		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854802-4 QC Sample: L1600082-01 Client ID: 2016-0104-WATER												
Mercury, Total	0.00016J	0.005	0.00497	100		-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854756-3 QC Sample: L1600082-01 Client ID: 2016-0104-WATER						
Arsenic, Total	0.00488	0.00275	mg/l	56	Q	20
Barium, Total	0.08715	0.07708	mg/l	12		20
Beryllium, Total	0.00048J	0.00027J	mg/l	NC		20
Cadmium, Total	0.00030	0.00029	mg/l	5		20
Chromium, Total	0.01793	0.00867	mg/l	70	Q	20
Copper, Total	0.03886	0.02688	mg/l	36	Q	20
Lead, Total	0.02476	0.01881	mg/l	27	Q	20
Nickel, Total	0.03478	0.02351	mg/l	39	Q	20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854756-3 QC Sample: L1600082-01 Client ID: 2016-0104-WATER						
Manganese, Total	0.9061	0.8198	mg/l	10		20
Zinc, Total	0.4168	0.3307	mg/l	23	Q	20
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854802-3 QC Sample: L1600082-01 Client ID: 2016-0104-WATER						
Mercury, Total	0.00016J	0.00020	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

SAMPLE RESULTS

Lab ID: L1600082-01
Client ID: 2016-0104-WATER
Sample Location: BATH, NY
Matrix: Water

Date Collected: 01/04/16 15:00
Date Received: 01/04/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	0.018		mg/l	0.010	0.010	1	-	01/05/16 14:40	107,-	
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	01/05/16 09:19	01/05/16 12:56	1,9010C/9012B	JO
pH (H)	7.6		SU	-	NA	1	-	01/05/16 02:45	1,9040C	LH
Flash Point	>150		deg F	70	NA	1	-	01/04/16 21:32	1,1010A	SB
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/05/16 01:46	01/05/16 02:09	1,7196A	LH
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	01/05/16 01:10	01/05/16 02:01	1,7.3	TL
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	01/05/16 01:10	01/05/16 01:57	1,7.3	TL



Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG854741-1										
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	01/05/16 01:10	01/05/16 02:00	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG854742-1										
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	01/05/16 01:10	01/05/16 01:55	1,7.3	TL
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG854743-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/05/16 01:46	01/05/16 02:09	1,7196A	LH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG854807-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	01/05/16 09:19	01/05/16 12:53	1,9010C/9012B	JO

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854741-2								
Cyanide, Reactive	43		-		30-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854742-2								
Sulfide, Reactive	74		-		60-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854743-2								
Chromium, Hexavalent	100		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854749-1								
Flash Point	100		-		96-104	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854753-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG854807-2 WG854807-3								
Cyanide, Total	105		106		85-115	1		20

Matrix Spike Analysis

Batch Quality Control

Project Name: PHILIPS BATH IRMS

Lab Number: L1600082

Project Number: 34201-313

Report Date: 01/05/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854743-4 QC Sample: L1600082-01 Client ID: 2016-0104-WATER												
Chromium, Hexavalent	ND	0.1	0.101	101		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854807-4 WG854807-5 QC Sample: L1600082-01 Client ID: 2016-0104-WATER												
Cyanide, Total	0.004J	0.2	0.190	95		0.206	103		80-120	8		20

Lab Duplicate Analysis Batch Quality Control

Project Name: PHILIPS BATH IRMS

Project Number: 34201-313

Lab Number: L1600082

Report Date: 01/05/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854741-3 QC Sample: L1534518-08 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854742-3 QC Sample: L1534518-08 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854743-3 QC Sample: L1600082-01 Client ID: 2016-0104-WATER						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG854753-2 QC Sample: L1600075-02 Client ID: DUP Sample						
pH	7.0	7.0	SU	0		5

Project Name: PHILIPS BATH IRMS**Project Number:** 34201-313**Lab Number:** L1600082**Report Date:** 01/05/16**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information Custody Seal**Cooler**

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600082-01A	Vial HCl preserved	A	N/A	4.1	Y	Absent	NYTCL-8260(14)
L1600082-01B	Vial HCl preserved	A	N/A	4.1	Y	Absent	NYTCL-8260(14)
L1600082-01C	Vial HCl preserved	A	N/A	4.1	Y	Absent	NYTCL-8260(14)
L1600082-01D	Plastic 250ml HNO3 preserved	A	<2	4.1	Y	Absent	BA-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L1600082-01D1	Plastic 250ml NaOH preserved	A	>12	4.1	Y	Absent	TCN-9010(14)
L1600082-01G	Amber 500ml unpreserved	A	7	4.1	Y	Absent	HOLD-8081(7)
L1600082-01H	Amber 500ml unpreserved	A	7	4.1	Y	Absent	REACTS(7),HEXCR-7196(1),REACTCN(7),FLASH(),P H-9040(1)
L1600082-01I	Amber 1000ml unpreserved	A	7	4.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1600082-01K	Amber 1000ml unpreserved	A	7	4.1	Y	Absent	NYTCL-8082-1200ML(7)
L1600082-01L	Amber 1000ml unpreserved	A	7	4.1	Y	Absent	NYTCL-8082-1200ML(7)

*Values in parentheses indicate holding time in days

Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

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

Terms

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

Data Qualifiers

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

Report Format: DU Report with 'J' Qualifiers



Project Name: PHILIPS BATH IRMS
Project Number: 34201-313

Lab Number: L1600082
Report Date: 01/05/16

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene, 1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO₂, NO₃.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility

EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

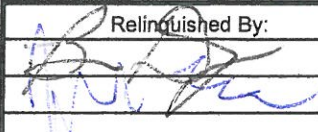
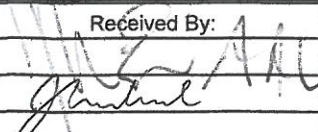
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C,**
SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water

EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC,
SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4,**
SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,
Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF.**

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

Page 52 of 53

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab: 1/5/16		ALPHA Job # L1600082																																																																																																																																									
		Project Information Project Name: Phillips Bath IRMs Project Location: Bath, NY Project #: 34201-313 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # 15555																																																																																																																																											
Client Information Client: Haley & Aldrich, Inc. Address: 200 Town Centre Drive, Suite 2 Rochester, NY Phone: 585-321-4235 Fax: Email: bdrayn@haleyaldrich.com		Project Manager: Jeremy DeGrande (jdegrande@haleyaldrich.com) ALPHAQuote #: 2014230R1 Turn-Around Time Standard ☐ Due Date: 1/5/15 Rush (only if pre approved) ☒ # of Days: 1-DAY		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:																																																																																																																																											
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments:				ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles																																																																																																																																									
Please specify Metals or TAL.				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="6"></th> </tr> <tr> <th>Date</th> <th>Time</th> <th colspan="6"></th> </tr> </thead> <tbody> <tr> <td>00082 - C1</td> <td>2015-0104-WATER</td> <td>1/4/15</td> <td>1500</td> <td>GW</td> <td>BD</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID		Collection		Sample Matrix	Sampler's Initials							Date	Time							00082 - C1	2015-0104-WATER	1/4/15	1500	GW	BD	X	X	X	X	X																																																																																																											Sample Specific Comments	
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS .																																																																																																																																									
Relinquished By: 		Date/Time: 1/4/15 1820 1-4-16 0030		Received By: 		Date/Time: 1/4/16 0520 1/4/15 0030																																																																																																																																											

APPENDIX K

Waste Disposal Documentation – Decontamination Water

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NA		Manifest Document No. 11724	2. Page 1 of 1
3. Generator's Name and Mailing Address Phillips Lighting 7265 Route 54, Bath, New York 14810					
4. Generator's Phone (585 783-2615)					
5. Transporter 1 Company Name 2D-Tech Environmental Svcs, Inc.		6. US EPA ID Number NY D 9 8 6 9 8 0 7 3 3		A. State Transporter's ID 7A-787	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 300-225-6750	
9. Designated Facility Name and Site Address Covanta of Niagara (PR) American Ref Fuel of Niagara 100 Energy Blvd @ 56th Street Niagara Falls, NY 14304		US EPA ID Number NY D 9 8 6 9 3 0 5 4 3		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 716-278-2512	
11. WASTE DESCRIPTION				Containers	
				No.	Type
				13. Total Quantity	
				14. Unit Wt./Vol.	
a. NON RCRA, NON DOT Regulated Liquids, NOS (VOC Impacted Water)				6	DM
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above 1. 3	
15. Special Handling Instructions and Additional Information In case of emergency call 1-800-225-6750. This material has been verified as approval #7603 NYSDEC # 08-010. PO # 101214 - Frank Thomas, PM Facility # 11724					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
(As Agent for Phillips Lighting)					
Printed/Typed Name DAVID M. NOSTROM				Signature <i>[Signature]</i>	
				Date Month Day Year 1 21 11	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Kurt Lawrence				Signature <i>[Signature]</i>	
				Date Month Day Year 1 21 11	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Kathy Steele				Signature <i>[Signature]</i>	
				Date Month Day Year 2 14 11	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY