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JUNE 2013 MONITORING REPORT
VOLUME I OF II
TROY MILLS LANDFILL SUPERFUND SITE
TROY, NEW HAMPSHIRE
NHDES NO. 198405082
CERCLIS ID NO. NHD980520217

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New Hampshire Department of Environmental Services
Hazardous Waste Remediation Bureau
Concord, New Hampshire

and

United States Environmental Protection Agency Region I
Boston, Massachusetts

JUNE 2013 MONITORING REPORT

Troy Mills Landfill Superfund Site

Troy, New Hampshire

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Volume I of II

Submitted April 9, 2014

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United States Environmental Protection Agency Region I
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1.0 INTRODUCTION

This report presents a summary of the June 2013 monitoring round conducted by GZA GeoEnvironmental, Inc. (GZA) on behalf of the United States Environmental Protection Agency (EPA) and the New Hampshire Department of Environmental Services (NHDES) at the Troy Mills Landfill Superfund Site (Site) in Troy, New Hampshire (NHDES Site # 198405082; CERCLIS Site ID Number NHD980520217).

Monitored Natural Attenuation (MNA) is the primary component of the selected remedy in the Record of Decision[1] (ROD) to achieve the "Management of Migration" Remedial Action Objective (RAO) for the Site. Routine monitoring is conducted to evaluate the effectiveness of the MNA component and includes the sampling and chemical analysis of groundwater from an existing network of monitoring wells, surface water, and sediment, leachate, and wetland soils. Based on the extensive data collected during the concurrent light non-aqueous phase liquid (LNAPL) supplemental investigations (detailed in a separate report), the June 2013 annual monitoring included a limited water level measurement round, groundwater monitoring of select wells, and leachate sampling only. The sampling was performed in accordance with the current Hazardous Waste Remediation Bureau (HWRB) Master Quality Assurance Project Plan (QAPP) EQA RFA# 13027 and the EPA and NHDES-approved May 2013 Sampling Analysis Plan (SAP).

Authorization to proceed on this project was granted by NHDES in accordance with our proposed Work Scope and Budget Estimate dated May 14, 2013, and NHDES' Work Scope Approval (WSA) dated May 20, 2013 (WSA #8). The work was performed in general accordance with our 2011-2015 contract for *Site Investigations, Remediation Design and Implementation Oversight, and Brownfields Assessment and Cleanup Planning* as approved by Governor and Council on July 13, 2011.

This report presents GZA's field observations, results, and opinions. The opinions included in this report are subject to modification based on additional information obtained by GZA or provided to GZA by other parties and the Limitations presented in **Appendix A** (Volume II).

2.0 BACKGROUND SITE INFORMATION

2.1 SITE LOCATION AND DESCRIPTION

The Site is an undeveloped 2-acre former drum disposal area located in Troy, New Hampshire (Cheshire County) about 1.5 miles south of the Center of Troy (refer to **Figure 1**). Access to the Site is off of the New Hampshire Department of Resources and Economic Development (DRED) Rail Trail in Troy, New Hampshire.

The Site is bordered by the following:

- To the north by an 8-acre solid waste landfill that is separately regulated by the NHDES;
- To the east by a former railroad bed currently used as a walking, all-terrain vehicle, and snowmobile trail, and beyond by undeveloped land;

[1] Region 1 Record of Decision, Troy Mills Landfill Superfund Site, Troy, New Hampshire, dated September 2005.

- To the west by the main Site access road, a wetland area, and Rockwood Brook; and
- To the south by the eastern branch of Rockwood Brook and beyond by undeveloped land.

Rockwood Brook flows south to north and continues downstream to Sand Dam Pond, a recreational area located approximately 1 mile north of the Site. The former drum disposal area is located in an area outside of the 100-year floodplain of Rockwood Brook.

2.2 SITE HISTORY

Troy Mills, Inc. (TMI) disposed of hazardous substances that were generated at its acrylic fabric manufacturing facility in Troy between 1967 and 1978. An estimated 6,000 to 10,000 55-gallon drums of waste liquid and sludge containing mostly plasticizers such as bis(2-ethylhexyl)phthalate and a petroleum-based solvent known as Varsol™ were disposed of on Site. Other drummed waste included pigments, surplus mixes, and tank residuals of vinyl resins, paint resins, and top coating products. Between 1979 and 2005, several investigations of the Site occurred that are described in **Section 2.3** below.

2.3 BRIEF SUMMARY OF PREVIOUS INVESTIGATIONS AND CONTAMINANTS-OF-CONCERN

From 1979 to the present, multiple investigations have been conducted at the Site. These investigations are briefly summarized herein and are further described in the Final Feasibility Study (FS), prepared by Metcalf & Eddy Inc. (M&E), dated September 2005.

Under the State of New Hampshire hazardous remediation program, TMI completed a Phase I investigation of the drum disposal area in August 1981, a Phase II investigation in December 1981, and a Phase III investigation in July 1982. Based on the findings, TMI entered into a Consent Agreement with NHDES in January of 1985 that required TMI to submit a waste analysis plan, a preliminary risk assessment, a remedial investigation/feasibility study (RI/FS), and an engineering design of the selected remedial alternative. A preliminary human health risk assessment, completed in March 1986, concluded that a Level 2 risk assessment should be conducted since concentrations of volatile organic compounds (VOCs) in groundwater indicated a potentially elevated risk. The required remedial investigation (RI) was conducted in 1987. The risk assessment was completed during 1991 (Weston, 2003) and concluded that risk to human health was negligible; however, it was later determined that the Site had not been thoroughly characterized.

A Phase I Pre-Design study, conducted during 1995, identified LNAPL in newly-installed wells and a leachate outbreak. Subsequent analyses indicated that concentrations of contaminants in groundwater exceeded the New Hampshire Ambient Groundwater Quality Standards (AGQS) (Weston, 2003). The Pre-Design study recommended a containment remedy and further evaluation of the potential for intrinsic remediation of site groundwater (GEI Consultants, Inc., 1995).

A Phase II Pre-Design report, completed in September 1998 proposed the installation of a hanging slurry wall combined with product collection and a flow-through (intrinsic) treatment gate downgradient of the buried drum area and the leachate outbreak. In addition, the NHDES questioned the conclusion made in the Phase II Pre-Design report that only a small percentage of the drums remaining in the drum disposal area were still intact and contained liquid. Instead, the NHDES supported a containment-based remedial action, and during April 2000 agreed to a

modified version of a containment-based remedial action originally proposed during 1995 with the condition of commitment by TMI to long-term operation, maintenance, and monitoring (Weston, 2003).

During September 2000, TMI requested to defer remediation of the drum disposal area to 2003/2004 due to unfavorable corporate and financial market conditions. During December 2000, NHDES approved the deferral schedule provided during September, based on the remote location of the Site, combined with monitoring data that did not suggest an imminent and substantial threat to public health or the environment. TMI filed for Chapter 11 bankruptcy on November 2, 2001.

During September 2003, the Site was listed on the National Priorities List and a time-critical removal action was initiated. During July 2004, EPA's Superfund Remedial Program retained M&E under the Remedial Action Contract to initiate a RI to determine if additional remedial actions would be needed after the completion of the removal action. The RI documented the nature and extent of residual contamination and evaluated risks to human health and the environment from current or expected future exposures to residual contamination. Five additional wells were installed at the Site and groundwater, surface water, soils, and sediments were sampled during December of 2004.

Between 2004 and 2005, the EPA completed a drum and flammable liquid removal and contaminated soil/sludge removal action; constructed three LNAPL interceptor trenches; and constructed a 2-foot-thick permeable soil cap over the excavation area. A subsequent RI of the Site by EPA identified a plume of groundwater contamination consisting of organic contaminants (alkylbenzenes, chlorinated solvents, phthalates, and toluene). It was concluded that the contaminants-of-concern (COCs) were naturally biodegrading and that removal of the buried drums eliminated the primary source of on-going contamination to groundwater.

An RI report was completed by M&E during July 2005 and documented a plume of groundwater contamination, approximately 8 to 9 acres in area. Organic contaminants such alkybenzenes, chlorinated solvents, phthalates, and toluene were identified as the primary COCs. The RI concluded that most of the COCs were biodegrading naturally, and that by removing the drums, the source was removed.

A 2005 RI/FS was completed by M&E and included the establishment of RAOs and preliminary remediation goals; identification and screening of potential treatment and containment technologies, and the development and evaluation of remedial alternatives. It was concluded by M&E that the primary contaminants posing human health risks and hazards were bis(2-ethylhexyl)phthalate in leachate and various organics and inorganics in groundwater.

Pursuant to a September 30, 2005 ROD for the Site, EPA concluded that the selected remedy for contaminated groundwater, LNAPL, and residual soil contamination included the following remedial components:

- Maintenance of the LNAPL interceptor trenches;
- Maintenance of a permeable soil cap;
- MNA of groundwater contaminants including the monitoring of groundwater, surface water, sediment, leachate, and wetland soil;
- Institutional controls (ICs); and
- Five-year reviews.

The first statutory five-year review was completed by EPA during September 2010 to document the status of the selected remedy relative to it being protective of human health and the environment. The trigger for the five-year review was the initiation of the ROD-specified cleanup actions completed during the fall of 2005. The five-year review documented that the remedy was currently protective of human health and the environment as envisioned by the ROD. However, in order for the remedy to be considered protective over the long term, the following actions were recommended:

- With regard to effectiveness of ICs, report violations and vandalism to the State and the Town for response with appropriate follow-up monitoring and enforcement actions. Repair damaged wells, post warning signs at the inner gate and former drum disposal area, and consider fencing the former drum disposal area to restrict access by all-terrain vehicles;
- Conduct a supplemental investigation of the residual LNAPL source area and further evaluate effectiveness of the interceptor trenches in capturing remaining LNAPL;
- Perform supplemental hydrogeologic studies to confirm hydrostratigraphy and the contaminant of concern fate and transport in groundwater to confirm the effectiveness of the MNA management of migration remedy at the Site and to better forecast time to cleanup; and
- Perform a hydrologic evaluation within the transition zone between groundwater and surface water in the Rockwood Brook Wetland Study area and Rockwood Brook. Review existing data from nearby groundwater monitoring wells relative to appropriate benchmark ecological risk screening values applied to receptor exposures within the ground water – surface water transition zone.

Included as an appendix to the five-year review is GZA's "*June 2009 Through June 2010 Sampling Data Report*" (Data Report). This Data Report summarizes the 2009-2010 monitoring activities, data results, and GZA's conclusions and recommendations.

Between 2011 and 2013, GZA performed phased supplemental LNAPL investigations to further delineate the LNAPL source area and aid the evaluation of potential focused remedial alternatives in the vicinity of the LNAPL interceptor trenches and former drum disposal area. GZA concluded the following with regard to the persistence of LNAPL:

- LNAPL present in the vicinity of the interceptor trench area appears to be both laterally and vertically discontinuous, particularly under high water table conditions. The lack of discernible connectivity within the LNAPL in this area was likely a reflection of the combined influences of historical downgradient LNAPL recovery from the trench network, upgradient source reduction and hydraulic influences stemming from cap installation;
- The results of LNAPL recovery testing, when combined with the historical record of product thicknesses in wells near the interceptor trenches, indicate that the LNAPL appeared to have transitioned away from a mobile state and toward a condition where LNAPL pore concentrations exist at or below residual saturation levels under current Site conditions (i.e., an immobile state);
- While historically effective, the interceptor trenches were no longer readily recovering free product. The cessation of LNAPL recovery from the trenches may be at least partially attributed to the previously-mentioned transition toward residual-dominated (i.e., immobile LNAPL) conditions in the trench area;

- Field screening and analytical data collected during subsurface explorations, as well as the data collected during a Laser-Induced Florescence survey performed during 2012 at TRY_B10, did not support the existence of a significant continuing LNAPL source in overburden within the former drum disposal area; and
- Although based on spatially and temporally limited data, the results of the free product laboratory analysis suggested weathering and mass transfer from the LNAPL did not appear to be significantly changing the chemical composition of the LNAPL. The lack of an appreciable change in composition is consistent with the recalcitrant nature of the primary LNAPL constituent bis-(2-ethylhexl)phthalate (DEHP).

Pursuant to the September 30, 2005 ROD, the interceptor trenches are to "*continue to be maintained and operated until LNAPL levels dissipate, at which time, they will be kept available for continued monitoring as part of the groundwater component of the remedy.*" The ROD further states that "*if continued monitoring is no longer necessary, the interceptor trenches will be decommissioned in a manner determined appropriate at that time.*"

Based on GZA's understanding of Site conditions, it was recommended in the May 2013 Investigation Report that trench decommissioning, coinciding with excavation, removal, and off-Site disposal of accessible LNAPL-impacted soil be performed. This work was largely completed by January 2014 with final Site restoration to occur in the spring of 2014. Work associated with the decommissioning of the interceptor trenches will be summarized in a report submitted under separate cover.

3.0 SUMMARY OF THE JUNE 2013 MONITORING ROUND

Site activities associated with June 2013 monitoring included a limited water level measurement round, groundwater monitoring of select wells, and leachate sampling.

Non-dedicated sampling equipment was decontaminated prior to use. Refer to **Table 1** for on-site monitoring locations, specific media sampled, and the analyses performed; **Appendix B** (Volume II) for copies of GZA's field notes; and **Appendix C** (Volume II) for field forms completed during the sampling activities. Analyses of groundwater and leachate samples were conducted by the New Hampshire Department of Health and Human Services – Division of Public Health Services Laboratory (NHDPHS Lab).

The following subsections provide a brief summary of the June 2013 field activities.

3.1 2013 SAMPLING AND ANALYSIS PLAN

The SAP describes the sampling locations, field measurement procedures and criteria, sampling methods, sample container requirements, preservation, and decontamination procedures. The updated SAP was prepared consistent with and referenced NHDES' HWRB current QAPP. The current official version of the Master HWRB QAPP is available on the NHDES website at: *http://des.nh.gov/organization/divisions/waste/hwrb/documents/hwrb_master_qapp.pdf* .

Relative to the MNA component and monitoring conducted during 2013, the primary Data Quality Objectives (DQOs) include collecting data of known and sufficient quality to accomplish the following:

- Confirm water quality in compliance wells;
- Collect sufficient data to be able to evaluate the effectiveness of MNA at the Site and ensure natural attenuation processes are continuing to degrade the COCs; and
- Collect sufficient data to assess contaminated groundwater impact to leachate seeps.

The NHDES- and EPA-approved SAP for the June 2013 monitoring round is dated May 28, 2013, and is available electronically on NHDES' OneStop database (*http://des.nh.gov/onestop/index.htm*).

Deviations from the SAP that occurred during the June 2013 monitoring event resulting from unforeseen field conditions or changes, following consultation with NHDES and EPA, are discussed in **Section 4.0** below, as appropriate.

3.2 GENERAL SITE OBSERVATIONS

GZA observed the following field and maintenance related conditions:

- While collecting water level measurements during June 2013, GZA observed that several of the locks securing the well standpipes need to be replaced or rehabilitated due to the buildup of dirt and rust; and
- The locations of wetland soil and downstream surface water and sediment samples may be compromised and may require adjustment based on the extent of localized flooding associated with continued beaver activity at the Site.

3.3 GROUNDWATER LEVEL MEASUREMENTS

On June 3, 2013, GZA obtained a limited round of water level measurements from existing overburden and bedrock groundwater monitoring wells to evaluate groundwater flow direction. Refer to **Table 2** for specific well construction information, **Table 3** for tabularized Site groundwater elevation data, and **Appendix C** (Volume II) for the completed *Water Level Measurement Form.*

Groundwater levels were measured as depth-to-water in accordance with Standard Operating Procedure (SOP) #B-1 *Water Level/LNAPL Thickness Measurements* using a Solinst Model 101 electronic water level indicator probe for each well. Groundwater surface elevations were calculated by subtracting the depth-to-groundwater from the surveyed elevation of the well-specific reference measuring point (i.e., top of PVC riser or casing). The depth to groundwater measured ranged between 3.6 feet (elevation 1,029.5 feet) at TRY_MW-104D to 35.3 feet (elevation 1,045.7 feet) at TRY_MW-301X.

3.4 LNAPL THICKNESS MEASUREMENTS

On June 3, 2013, GZA obtained a round of apparent LNAPL thickness measurements from existing overburden monitoring wells. Refer to **Table 4** for tabularized Site LNAPL thickness and elevation data, **Figure 1** for LNAPL monitoring well location, and **Appendix C** (Volume II) for the completed *LNAPL Thickness Measurement Form.* For additional information regarding the persistence of LNAPL at the Site, see GZA's May 2013 report titled "LNAPL Investigation Report."

Apparent LNAPL thicknesses were calculated based on measured as depth-to-product and depth-to-water in accordance with SOP #B-1 *Water Level/LNAPL Thickness Measurements* using a Solinst Model 122 oil-water interface probe. Measurable LNAPL thickness was observed in three wells including TRY_MW-C8S (0.03 feet), TRY_MW-201P (0.01 feet), and TRY_MW-201S (0.6 feet).

Observations were made of the LNAPL interceptor trenches A, B, and C on June 5, 2013, and GZA noted that there was no visual evidence of LNAPL with the exception of sheens and globules on the water surface. Measureable LNAPL was last observed in Trench B during the October 2009 monitoring event.

3.5 GROUNDWATER SAMPLING

During June 2013, groundwater sampling using low flow sampling methodology was performed at 18[2] of the 19 planned monitoring wells to further evaluate contaminant concentrations and trends, and further evaluate the effectiveness of the selected MNA remedy. Groundwater sampling was conducted primarily using a combination of dedicated and non-dedicated bladder pumps. Dedicated pumps were used within 10 of 17 wells. QED SamplePro non-dedicated bladder pumps were used in recently installed wells and wells with screens greater than 10 feet that were recently added to the sampling program (7 of 17 wells). One monitoring well (TRY_MW-A28) was sampled using a peristaltic pump and dedicated tubing (refer to Section 4 below for additional details). For a detailed description of the procedure followed for low flow groundwater sampling, refer to SOP #B-4 *Groundwater Well Sampling - Low Flow Using a Bladder Pump* included in the SAP.

Refer to **Figure 1** for an illustration of well locations, **Table 1** for locations sampled, the sampling equipment used and the analyses performed, **Table 2** for well construction information, and **Table 6** for a summary of analytical results. Refer to **Appendix F** (Volume II) for the laboratory analytical reports.

The following provides a brief summary of the groundwater sampling activities performed at the Site between June 4 and June 11, 2013.

3.5.1 Sampling Using Bladder Pumps

Collection of groundwater samples using a bladder pump included: either a dedicated (QED T1250/T1300 or Geotech Bladder Pump) or a non-dedicated (QED Sample Pro Bladder Pump [100-milliliter Teflon® bladder]) pump; compressed nitrogen and an MP-10 controller; dedicated Teflon® tubing; a YSI Model 600XL/XLM multi parameter sonde and flow-through cell (specific conductance, oxidation-reduction potential [ORP], dissolved oxygen [DO], pH, and temperature); and a Hach Model 2100P turbidity meter. For a detailed description of the procedure followed for low-flow groundwater sampling using a bladder pump, refer to the SOP #B-4 *Groundwater Well Sampling – Low-Flow Using a Bladder Pump* included in the SAP. Refer to **Table 1** for a list of specific wells sampled using dedicated and non-dedicated bladder pumps, the analyses performed, and **Appendix C** (Volume II) for a copy of the completed *Low Flow Well Purging Field Water Quality Measurement Forms*.

[2] Measurable LNAPL thickness was observed in well TRY_MW-201P (0.01 feet) and, therefore, groundwater was not sampled during the June 2013 monitoring round.

A flow rate of 50 milliliters per minute or greater and stabilized drawdown conditions were achieved using a bladder pump in 13 of the 17 wells. Following stabilization of temperature, specific conductivity, DO, pH, ORP and turbidity under the above-specified flow conditions and a sufficient volume of water had been purged from the well, groundwater samples were collected.

Stabilized drawdown could not be achieved during sampling of two wells including TRY_MW-501x and TRY_MW-602S. Sampling activities were terminated and the wells were allowed to recharge. Once each well had achieved sufficient recharge, a grab sample was collected.

Wells that were found to have insufficient recharge during the previous two groundwater monitoring events included TRY_MW-104D and TRY_MW-601D. At these locations, low-flow sampling was not conducted. Instead, a grab sample was collected in accordance with the SOP. Refer to **Section 3.4** below for a summary of QA/QC relating to groundwater sampling and the associated field calibration sheets. Refer to **Table 6** for a summary of the analytical results and **Section 5.0** below for a discussion of the data results.

3.5.2 Sampling using Peristaltic Pumps

Collection of groundwater using a peristaltic pump included: a pump equipped with a pump head designed to accommodate thin wall siliclastic tubing; dedicated down well Teflon® tubing; a YSI Model 600XL/XLM multi parameter sonde and flow-through cell (specific conductance, ORP, DO, pH, and temperature); and a Hach Model 2100P turbidity meter. The May 2013 Troy SAP did not contain a SOP for low flow using a peristaltic pump. With the approval of NHDES and in consideration of the Site SOP for low flow with a bladder pump, GZA used SOP #B-4 *Groundwater Well Sampling – Low Flow Using a Peristaltic Pump* from the August 2012 New Hampshire Plating Company (NHPC) Superfund Site approved SAP. Refer to **Table 1** for a list of specific wells sampled using a peristaltic pump, the analyses performed, and the tubing intake depth, and **Table 2** for well construction information. Refer to **Appendix C** (Volume II) for a copy of the completed *Low-Flow Well Purging Field Water Quality Measurement Forms*.

Monitoring well TRY_MW-A28 was observed to have insufficient recharge and, in accordance with the NHPC peristaltic pump SOP and the Site bladder pump SOP, a grab sample was collected once the well adequately recharged.

3.6 LEACHATE SAMPLING

The June 2013 monitoring round included the collection of a leachate sample (TRY_SW-Leachate) from the discharge area of the culvert under the site access road within the boom area (see **Figure 1**). Leachate was not observed to be flowing out of the side of the hill at location TRY_SW-LEACH-A across the road at the time of the June 2013 sampling round. TRY_SW-Leachate continues to be the only ongoing leachate seep area observed at the Site. Leachate was visibly impacted by orange-colored iron flock and an apparent organic sheen that has accumulated at the culvert outfall on the west side of the access road. The rationale for the leachate sample collection is to monitor changes in leachate composition over time.

Leachate was collected using a laboratory cleaned glass jar, and decanted into the sample containers in accordance with SOP *#B-6 Sample Collection Leachate* in the SAP. Refer to **Table 1** for the analyses performed, and **Table 7** for a summary of analytical results for leachate.

4.0 PROJECT QUALITY ASSURANCE / QUALITY CONTROL SUMMARY OF FIELD WORK

Quality Assurance and Quality Control (QA/QC) measures implemented during the June 2013 monitoring activities are defined in the SAP.[3] Quality Control steps designed to evaluate the reliability of the monitoring data collected include: (1) field equipment maintenance and calibration; (2) field QC sample collection (i.e., duplicates, trip blanks, and equipment banks); and (3) data verification and validation. These QC steps have been established to confirm that the performance acceptance criteria are achieved relative to the project-specific DQOs outlined in the SAP.

Except as specifically noted herein, GZA followed the procedures outlined in the SAP. Overall, the data collected during the June 2013 monitoring activities was found by GZA to be acceptable for its intended use. Of the samples collected, no data results were rejected. From a completeness perspective, the goal of 90% completeness was achieved for the June 2013 monitoring activities. The only planned field sample not collected is described as follows:

- A groundwater sample was not collected at well TRY_MW-201P due to the observed presence of measurable LNAPL in the well during the groundwater level round.

GZA notes the following sampling deviations from the SAP:

- Sampling of groundwater within well TRY_MW-101 was conducted using a dedicated Geotech bladder pump instead of the QED T1300 as indicated in the SAP. It was determined that an error had been made in the SAP;
- Sampling of groundwater within well TRY_MW-A28 was conducted using a peristaltic pump instead of the QED SamplePro Bladder Pump as indicated in the SAP. TRY_MW-A28 is a 1.5-inch-diameter well and could not accommodate the SamplePro bladder pump. Sampling was performed in accordance with SOP #B-4 *Groundwater Well Sampling – Low Flow Using a Peristaltic Pump* from the August 2012 NHPC approved SAP; and
- Groundwater and leachate samples submitted to the laboratory for semi-VOC (SVOC) analyses were not analyzed for the acid fraction compounds due to an error on the chain of custody in the SAP.

Laboratories achieved the reporting limits for all media and test methods included in the SAP with the following exceptions:

- Reporting limits in some groundwater samples were elevated based on a high detection of one or more compounds in a sample that subsequently required sample dilution (see **Table 5**); and
- Leachate (specific DEHP) is compared to both the Interim Cleanup Levels (ICLs) included in the ROD and the Water Quality Criteria For Toxic Substances (WQCTS) included in Env-Wq 1700 -*Surface Water Quality Regulations*. The current reporting limit for DEHP under the selected test method meets detection limits required to evaluate

[3] The NHDES- and EPA-approved SAP for the June 2013 monitoring activities dated May 28, 2013 is available electronically on NHDES' OneStop database (*http://des.nh.gov/onestop/index.htm*).

relative to the ICL; however, it does not achieve a low enough detection limit to evaluate relative to the Water Quality Criteria. This issue will need to be addressed as the Site nears closure.

GZA notes the following QA/QC issues that were observed during the June 2013 monitoring round, that are not specially addressed in the subsequent sections:

- The area around the boom near sampling location TRY_SW-LEACHATE has been flooded by a downstream beaver dam near TRY_SW-3 raising concern that the contaminated leachate may be mixing with ponded surface water and may not be representative of leachate quality; and
- Consistent with the previous monitoring event, GZA observed the water in the sample tube at several well locations periodically retract down the tubing (variable lengths, but between 0.1 feet and 1 foot down the tubing) while the bladder was in its filling cycle. This atypical movement suggested that the ball valve in the bladder pump may intermittently have not been seated properly due to small soil particles being carried in the groundwater stream. In GZA's opinion, as long as the observation remains intermittent, pump maintenance is not necessary.

Outliers and/or inconsistencies that may indicate a problem with the sampling equipment or procedures are discussed in the following sections.

4.1 FIELD EQUIPMENT MAINTENANCE AND CALIBRATION

Field equipment requiring maintenance and calibration that was used on site included the YSI Model 600XL/XLM multi parameter sonde (YSI) and Hach 2100P Turbidity Meter (HACH 2100P).

Certifications were obtained from the vendor documenting that the appropriate routine maintenance had been performed on the equipment (refer to **Appendix E** [Volume II] for a copy of the certification), with the exception of the HACH 2100P equipment for which certifications were not obtained due to a miscommunication with a new vendor. Equipment was successfully calibrated by GZA in the office before field activities commenced to determine if the condition of the equipment and standards met the project requirements (refer to **Appendix E** [Volume II] for a copy of the *Instrument Calibration/Maintenance Log* for each instrument). Instruments that failed a calibration check were replaced prior to the sampling event.

The YSI and HACH 2100P calibrations were checked at the beginning of each sampling day at the Site to determine if the instrument was calibrated properly. The calibration was checked subsequently at the end of the day of use to document daily instrument calibration. In accordance with SOP B-3 *Calibration of YSI and HACH Field Instruments*, the following describes the corrective actions taken if appropriate acceptance criteria were not met during the calibration check process:

- If the morning calibration check failed, the individual parameters are recalibrated. If the recalibration failed, the appropriate standards are replaced and a thorough inspection and/or any required cleaning or maintenance activities are performed (i.e., changing DO membranes, cleaning probe heads, etc.) and then the parameter(s) were recalibrated. If the calibration failed again, the instrument was replaced with a backup instrument;

- If a calibration check at the end of the day was not within the acceptable range for that parameter, the data collected that day for that parameter was qualified in its use as noted on the *Low-Flow Well Purging Field Water Quality Measurement Forms* included in **Appendix C** (Volume II); and
- If erratic or uncharacteristic readings occurred between calibrations, the instrument was recalibrated.

Calibration and associated checks of the YSI and HACH 2100P were successful and no field parameter data required qualification by GZA during the supplemental investigation activities.

4.2 FIELD QUALITY CONTROL SAMPLE COLLECTION

Field QC samples including field duplicates, trip blanks, and equipment blanks were collected during the June 2013 monitoring activities in accordance with the SAP. The following provides a brief summary of the field quality control results. Refer to **Appendix F** (Volume II) for the laboratory analytical data packages and QC summary tables.

4.2.1 Duplicate Sample Results

Refer to the individual laboratory data reports and the QC summary table for specific details regarding the calculated relative percent difference (RPD) for duplicate samples. Based on the laboratory data, no samples exceeded the acceptance criteria for the calculated RPD (30 percent for aqueous samples). No corrective action was required.

4.2.2 Trip Blanks

Laboratory reports summarizing the analytical VOC data obtained for the trip blanks indicated no detectable VOCs. No corrective action was required.

4.2.3 Equipment Blanks

The laboratory reports for equipment blanks, including the oil-water interface probe and the QED SamplePro bladder pump indicated no detectable concentrations of VOCs, SVOCs, or manganese above the laboratory reporting limits. No corrective action was required.

4.3 DATA VERIFICATION AND VALIDATION

As part of the data verification process, GZA performed an in-house review of the data to check that the data have been recorded, transmitted, and processed correctly, which includes the evaluation of completeness, correctness, and conformance / compliance of a specific data set. GZA found that the data generated during the June 2013 monitoring round is complete. Outliers and/or inconsistencies that may indicate a problem with the sampling equipment or procedures were not identified, other than what has been discussed above.

Third-party validation was not required. Laboratory data generated by the NHDPHS laboratory was reviewed by NHDPHS personnel.

5.0 SUMMARY OF JUNE 2013 MONITORING DATA RESULTS

The following sections provide a summary of the findings from the June 2013 monitoring round. In accordance with the SAP, the regulatory standards used to evaluate the data included the following:

- Results of the analyses of groundwater samples were compared to the September 30, 2005, ROD ICLs for COCs that were established in the ROD for the Site, and to the New Hampshire AGQS as defined in State of New Hampshire Code of Administrative Rules Env-Or 600 (Contaminated Sites Management), Env-Or 603.3; and
- Results of the analyses of leachate samples were compared to the WQCTS as defined in State of New Hampshire Code of Administrative Rules Env-Wq 1700 (Surface Water Quality Regulations), 1703.21 and AGQS. Leachate was further compared to the ICLs for the COCs established in the September 30, 2005, ROD.

5.1 SITE GROUNDWATER FLOW DIRECTION

The predominant groundwater flow direction in the on-site overburden, as indicated by the June 3, 2013, water level data, is toward the west and northwest and Rockwood Brook, consistent with historical data collected by GZA and others. Refer to **Table 3** for tabularized groundwater elevation data and **Figure 2** for overburden groundwater elevation contours inferred from the June 3, 2013, water level measurements. These data are generally consistent with the site and vicinity topography.

Although not contoured due to insufficient data points, historical water level measurements from bedrock wells along a northwest transect across the site (TRY_MW-701, TRY_MW-603, TRY_MW-602B, TRY_MW-108, TRY_M-7D, and TRY_MW-105D) suggest that groundwater flow direction in bedrock is consistent with that observed in overburden groundwater. Previous reports by others indicated that the bedrock surface slopes downwards from east to west across the Site, towards Rockwood Brook.

Water level measurements at the TRY_MW-601 well cluster indicated a downward vertical gradient. At the TRY_MW-104 cluster, water level measurements indicated a slight upwards vertical gradient, consistent with historical data within this discharge area proximate to Rockwood Brook and the wetland area. The gradients observed appeared consistent with historical data.

5.2 LNAPL THICKNESS OBSERVATIONS

Based on the data collected as part of this monitoring program, GZA notes the following regarding LNAPL:

- GZA observed evidence of LNAPL at wells TRY_MW-201S (0.60 feet), TRY_MW-C8S (0.03 feet), and TRY_MW-201P (0.01 feet) during the June 2013 monitoring round; and
- TRY_MW-201S has historically contained measurable LNAPL (refer to **Figure 1** for well location). The apparent thickness measured within TRY_MW-201S during the June 2013 monitoring round is consistent with historical LNAPL at this well location, which is proximate to the LNAPL interceptor trenches.

As indicted in **Section 2.3** above, LNAPL present in the vicinity of the interceptor trench area has been concluded to be both laterally and vertically discontinuous, particularly under high water table conditions. The lack of discernible connectivity within the LNAPL in this area is likely a reflection of the combined influences of historical downgradient LNAPL recovery from the trench network, upgradient source reduction and hydraulic influences stemming from cap installation.

5.3 GROUNDWATER QUALITY

The laboratory analytical reports for groundwater samples are provided in **Appendix F** (Volume II). Refer to **Table 6** for a summary of the groundwater analytical results for those contaminants detected in groundwater.

The following summarize the groundwater analytical results for the selected wells sampled as part of this monitoring round:

Background Water Quality

- For the purposes of background water quality and confirmation of the eastern compliance boundary, well TRY_MW-701 (bedrock groundwater) situated east of the former drum disposal area was sampled. Consistent with results from historic monitoring events, VOCs and SVOCs were not detected above laboratory reporting limits in the groundwater sample collected from well TRY_MW-701. Manganese was detected within the groundwater sample collected from well TRY_MW-701 at a concentration of 0.019 milligrams per liter (mg/L), which is below the AGQS (0.84 mg/L) and ROD ICL (0.3 mg/L).

NH AGQS/ROD ICL Exceedances

- VOCs detected in groundwater that exceeded AGQS/ROD ICLs included the petroleum distillate related constituents 1,3,5-trimethylbenzene (1,3,5-TMB), 1,2,4-trimethylbenzene (1,2,4-TMB), n-propylbenzene, and naphthalene[4] and the chlorinated VOC cis-1,2-dichloroethene (cis-1,2-DCE). The only detected SVOC that exceeds the AGQS/ROD ICL is DEHP. Detected concentrations of manganese exceed the AGQS or ROD ICLs for 15 of the 18 wells from which groundwater samples were collected. Refer to **Figure 3** for an illustration of the spatial distribution of regulatory exceedances in groundwater.

VOCs in Groundwater

- Consistent with historical data results from the RI dated September 2005 and GZA's 2007-2011[5] monitoring data results, the source of residual contamination in groundwater is anticipated to be the former drum disposal area. The spatial variability of contaminant concentrations observed is suspected to be related to the historical nature of discrete releases from drums throughout this area as evidenced by varied plume compositions;

[4] GZA notes that naphthalene is analyzed and reported as both a VOC and an SVOC. To be conservative for both discussion and illustrative purposes, the higher of the two naphthalene concentrations is always used.

[5] Note that no routine multimedia monitoring was performed during 2012 as a supplemental LNAPL source evaluation was taking place.

- The area of highest contaminant concentrations (highest number of detected contaminants per well, and longest traceable plume) continues to be within overburden groundwater along the northern side of the former drum disposal area with the primary axis trending along the east to west flow path and including wells TRY_MW-205, TRY_MW-803, TRY_MW-804, TRY_MW-805, and TRY_MW-101. Refer to **Figure 4** which illustrates the distribution of VOCs at the Site. Consistent with the RI, the plume appears to originate within the northeastern corner of the former drum disposal area or just to the north of it. Contaminants are largely petroleum distillate related within the plume area and include the alkylbenzenes (sec-butylbenzene, t-butylbenzene, p-isopropyltoluene, n-propylbenzene, 1,2,4-TMB, and 1,3,5-TMB), BTEX compounds (toluene, ethylbenzene, and xylenes), isopropylbenzene, acetone, and naphthalene;

- The temporal concentration trends for petroleum-related VOCs since 2008 has generally been relatively stable or decreasing for each of the monitoring wells, with the exception of TRY_MW-205 and TRY_MW-101. Refer to concentration trend graphs developed for groundwater quality at these two wells (**Graph 1** and **Graph 2).** Detected concentrations of 1,2,4-TMB and naphthalene in groundwater samples collected from well TRY_MW-205 displayed a general increasing trend with some fluctuation between 2005 and 2011 and a potential decrease during 2013 (**Graph 1**). GZA notes that at this location during 2013, the detected concentration of 1,2,4-TMB was below the AGQS/ROD ICL. Naphthalene was the only VOC contaminant at this location to exceed the AGQS/ROD ICL during 2013; and

- One chlorinated VOC, cis-1,2-DCE, was detected during the June 2013 monitoring round within groundwater samples collected from monitoring wells TRY_MW-101, TRY_MW-104S, TRY_MW-201M, TRY_MW-301X, and TRY_MW-601D (refer to **Figure 4**). The detected concentrations of cis-1,2-DCE ranged from 2.5 micrograms per liter (µg/L) at wells TRY_MW-101 and TRY_MW-301X to 533 µg/L at well TRY_MW-201M located proximate to the interceptor trenches. Groundwater concentrations of cis-1,2-DCE have historically been decreasing or generally stable at each of the well locations where cis-1,2-DCE has been detected in groundwater with the exception of TRY_MW-201M (refer to concentration trend **Graph 3**). The observed cis-1,2-DCE concentration trend generally increased between 2005 and 2011; however, decreased in 2013.

<u>SVOCs in Groundwater</u>

- DEHP was detected in groundwater samples collected from monitoring wells TRY_MW-205, TRY_MW-803, TRY_MW-804, and TRY_MW-A28 at concentrations that exceeded the AGQS/ROD ICL (refer to **Figure 5**). The highest concentration of DEHP was detected at TRY_MW-804 (68 µg/L) located just north of the defined former drum area. The June 2013 detections of DEHP are located along a west trending line proximate to the axis of the plume and are located hydraulically side gradient of the former drum disposal area;

- Monitoring well TRY_MW-205 is the only monitoring location with a consistent history of DEHP detections in the collected groundwater samples. A temporal trend of decreasing concentrations has been observed in groundwater samples collected from this well since October 2005 (refer to concentration trend **Graph 1**); and

- Monitoring wells TRY_MW-803 and TRY_MW-804 were installed during 2011 and were analyzed for SVOCs during the 2011 and 2013 monitoring rounds. The detected concentration of DEHP in TRY_MW-803 increased from below the reporting limit of 5.0 µg/L in the sample collected during 2011 to 32 µg/L in the sample collected during 2013. The detected concentration of DEHP in TRY_MW-804 decreased from 990 µg/L in the sample collected during 2011 to 68 µg/L in the sample collected during 2013.

Manganese in Groundwater

- Manganese was detected at concentrations above the respective AGQS/ROD ICL (0.84 mg/L / 0.3 mg/L) in groundwater samples collected from each of the sampled monitoring wells with the exception of wells TRY_MW-104D, TRY_MW-602S, and TRY_MW-701. Refer to **Figure 6** for the distribution of manganese concentrations detected in Site wells sampled during the June 2013 monitoring round. GZA notes that manganese concentrations were not graphed due to the high number of wells with exceedances of the AGQS/ROD ICL, which would provide little value to the data evaluation. The highest manganese concentrations were generally detected in shallow overburden wells located near the axis of the contaminant plume. Detected manganese concentrations have generally been relatively stable in individual wells over time, with the exception of overburden monitoring well TRY_MW-602S in which detected manganese concentrations have fluctuated over approximately two orders of magnitude.

5.4 LEACHATE DATA RESULTS

The laboratory analytical report for the leachate sample is provided in **Appendix F** (Volume II). Refer to **Table 7** for a summary of the leachate analytical results sampled in June 2013. The following summarizes the leachate analytical results:

- Of the VOCs detected, none exceeded their respective AGQS or WQCTS. The contaminants detected included various petroleum-related VOC compounds including ethylbenzene, n-propylbenzene, sec-butylbenzene, t-butylbenzene, and isopropylbenzene, and the chlorinated VOC compound cis-1,2-DCE, consistent with the observed groundwater contamination. Total detected VOC concentrations have generally displayed a decreasing trend since 2006;
- DEHP was detected in the duplicate sample collected from the leachate at a concentration of 5.2 µg/L, but was not detected above the laboratory reporting limit of 5 µg/L in the initial sample collected. The laboratory cannot, at this time, achieve the action limit for DEHP (3 µg/L) included in the WQCTS. No other SVOCs were detected above the laboratory reporting limits in the sample collected from the leachate; and
- Manganese was detected in the sample collected from the leachate in exceedance of the AGQS at a concentration of 4.47 mg/L. There is currently no WQCTS or ROD ICL to evaluate the data against. The concentration detected is consistent with historical manganese concentrations detected in the Site leachate.

6.0 RECOMMENDATIONS

Based on the findings and conclusions presented above, it is GZA's opinion that the concentrations of COCs in groundwater appear to be relatively stable or are decreasing. Consistent with this general condition, the current monitoring program should continue on an annual basis as opposed to semi-annual and should include the following:

- Annual comprehensive water level measurement round utilizing each available monitoring well;
- LNAPL monitoring of wells within and downgradient of the former trench area;
- Annual sampling of the selected monitoring wells on the Site; and
- Annual sampling of surface water, sediment, leachate, and wetland soils.

Based on the historical data collected at the Site from prior comprehensive sampling events, results have shown that contaminated groundwater has not migrated beyond the boundaries established for Groundwater Management Zone (GMZ) pursuant to the New Hampshire Code of Administrative Rule Env-Or 607.05 - Groundwater Management Zone. GZA recommends expanding the network of monitoring wells during the annual sampling event prior to the next five year review to fully evaluate the contaminant plume and to comply with the GMZ.

Continued monitoring as outlined above should be used to further evaluate: (1) concentration trends in the affected media; (2) provide the information needed to further evaluate time to closure; and (3) provide the information necessary to continue to evaluate the effectiveness of MNA and the GMZ to meet the RAOs.

Following completion of the LNAPL Interceptor Trench decommissioning, the wells that were destroyed and decommissioned shall be evaluated for replacement, based on historical groundwater results, LNAPL levels and proximity to the contaminant plume. GZA will provide a recommendation of which wells should be replaced. Based on the very limited extent of the plume, a number of wells should also be considered for decommissioning.

GZA also recommends annual replacement or cleaning of locks securing the well standpipes as needed due to the buildup of dirt and rust. GZA further notes that the locations of wetland soil and downstream surface water and sediment samples may be compromised and may require adjustment for the next monitoring round based on the extent of localized flooding associated with continued beaver activity at the Site

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TABLES

TABLE 1 - MULTIMEDIA SAMPLING - SUMMARY OF THE 2013 MONITORING ACTIVITIES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Sample Location	Date Collected	Sampling Method	VOCs [1] (8260B)	1,4-Dioxane (522)	SVOCs [2] (8270)	Mn (200.7)	Hardness (200.7)	RCRA 8, Fe, Mn [3] (200.7/200.8/245.1)	Nitrate / Nitrite (Lachat 10-107-04-1-C)	Chloride, Alkalinity, Sulfate (10-117-07-1-B, SM 2320B, 10-511-00-1-A)	TOC (SM 5310B)	CO_2, Methane, Ethane, Ethene (SOP-AM20GAx)	VFAs (AM21G)	NA [4] (Field)
Groundwater Wells with Screen Lengths > 10 feet														
TRY_M-1	*ns*	Bladder Pump												
TRY_M-2	6/4/2013		x		x	x								x
TRY_MW-101	6/6/2013		x		x	x								x
TRY_MW-102	*ns*													
TRY_MW-102 DUP	*ns*													
TRY_MW-104S	6/4/2013		x		x	x								x
TRY_MW-104D	6/4/2013		x		x	x								x
TRY_MW-105S	*ns*													
TRY_MW-105D	*ns*													
TRY_MW-201P [5]	*ns*		*ns*		*ns*	*ns*								*ns*
TRY_MW-202P	*ns*													
TRY_MW-601S	6/5/2013		x		x	x								x
TRY_MW-602S	6/6/2013		x		x	x								x
TRY_MW-701	6/6/2013		x		x	x								x
TRY_MW-702D	*ns*													
Groundwater Wells with Screen Lengths ≤ 10 feet														
TRY_MW-A28	6/10/2013	Peristaltic Pump [6]	x		x	x								x
TRY_M-7	*ns*	Bladder Pump												
TRY_MW-201M	6/4/2013		x		x	x								x
TRY_MW-204	*ns*													
TRY_MW-205	6/5/2013		x		x	x								x
TRY_MW-205 DUP			x		x	x								*na*
TRY_MW-301X	6/10/2013		x		x	x								x
TRY_MW-501X	6/4/2013		x		x	x								x
TRY_MW-508X	*ns*													
TRY_MW-601D	6/5/2013		x		x	x								x
TRY_MW-602B	*ns*													
TRY_MW-702SX	*ns*													
TRY_MW-801	6/10/2013		x		x	x								x
TRY_MW-802	6/10/2013		x		x	x								x
TRY_MW-803	6/6/2013		x		x	x								x
TRY_MW-804	6/6/2013		x		x	x								x
TRY_MW-804 DUP			x		x	x								*na*
TRY_MW-805	6/5/2013		x		x	x								x
Leachate Locations														
TRY_SW-LEACH-A	*ns*	Sample Container												
TRY_SW-LEACHATE	6/4/2013		x		x	x	x							*na*
TRY_SW-LEACHATE DUP	6/4/2013		x		x	x	x							*na*

TABLE 1 - MULTIMEDIA SAMPLING - SUMMARY OF THE 2013 MONITORING ACTIVITIES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Sample Location	Date Collected	Sampling Method	VOCs [1] (8260B)	1,4-Dioxane (522)	SVOCs [2] (8270)	Mn (200.7)	Hardness (200.7)	RCRA 8, Fe, Mn [3] (200.7/200.8/245.1)	Nitrate / Nitrite (Lachat 10-107-04-1-C)	Chloride, Alkalinity, Sulfate (10-117-07-1-B, SM 2320B, 10-511-00-1-A)	TOC (SM 5310B)	CO_2, Methane, Ethane, Ethene (SOP-AM20GAx)	VFAs (AM21G)	NA [4] (Field)
Surface Water Locations														
TRY_SW-1	*ns*	Sample Container												
TRY_SW-3	*ns*													
TRY_SW-3 DUP	*ns*													
TRY_SW-4	*ns*													
Sediment Locations														
TRY_SEDSW-3	*ns*	Ponar Dredge												
TRY_SEDSW-3 DUP	*ns*													
Wetland Soil Locations														
TRY_WES-01	*ns*	Hand Auger												
TRY_WES-02	*ns*													
TRY_WES-03	*ns*													
TRY_WES-03 DUP	*ns*													
TRY_WES-04	*ns*													

TABLE KEY:

ns = not sampled
na = not applicable
VOCs = Volatile Organic Compounds
SVOCs = Semi-volatile Organic Compounds
Mn = Manganese
Fe = Iron
TOC = Total Organic Carbon
CO_2 = Carbon Dioxide
VFA = Volatile Fatty Acids
NA = Monitored Natural Attenuation

NOTES:

1. VOCs consist of the New Hampshire Department of Environmental Services (NHDES) full list of volatile organic compounds analyzed by EPA Method 8260B.
2. SVOCs consist of semi-volatile organic compounds analyzed by EPA Method 8270C, including base/neutral-extractables. Acid-extractables were not analyzed due to an error on the chain of custody.
3. RCRA 8 Metals consist of silver, arsenic, barium, cadmium, chromium, mercury, lead and selenium.
4. NA - Field parameters consist of dissolved oxygen, temperature, oxygen reduction potential (ORP), specific conductance, pH, and turbidity.
5. Well TRY_MW-201P had LNAPL observed during the June 2013 groundwater level round; therefore, it was not sampled during the monitoring round.
6. Well TRY_MW-A28 is a 1.5-inch diameter well. The well was too small to accommodate a SamplePro Bladder pump; therefore, a peristaltic pump was used to sample the well.

TABLE 2 - WELL CONSTRUCTION INFORMATION
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well Designation	Well Type (2-in, 1.5-in etc.)	Screened Geologic Unit	Depth to Well Bottom [1] (ft, referenced to measuring point)	Screen Interval (ft, referenced to measuring point)	Screen Length (ft)	Reference Measuring Point	Height of Stickup of Measuring Point (ft)	Bladder Pump Model	Bladder Length in feet (L) / Diameter in inches (D) / & Capacity in mL (C)	Historic Low Water Level [2] (ft, referenced to measuring point)	Recommended Depth of Bladder Pump Intake (ft, referenced to measuring point)	Pump Intake Distance from Top of Screen (ft, referenced to measuring point)	Distance Between Pump Intake and Bottom of Well [3] (ft, referenced to measuring point)
Wells With Water Level Measurements Only													
TRY_P-1	2-in PVC	Overburden	16.82	---	---	PVC	1.74	---	---	11.77	---	---	---
TRY_M-3	1 1/2-in PVC	Overburden	31.4	7.5-31.4	23.9	PVC	0.95	---	---	6.10	14.5	7.0	16.9
TRY_M-5	1 1/2-in PVC	Bedrock	22.4	---	---	PVC	2.25	---	---	15.29	---	---	---
TRY_M-6	2-in PVC	Overburden	17.33	---	---	Casing	1.99	---	---	9.81	---	---	---
TRY_M-7D	1 1/2-in PVC	Deep Bedrock	81.36	50.8-80.8	30	PVC	1.49	---	---	2.89	74.0	23.2	6.8
TRY_MW-108	1 1/2-in PVC	Deep Bedrock	142.35	84.3-134.3 [4]	50	Casing	3.25	---	---	34.52	Obstruction in Well	---	---
TRY_MW-201D	2-in PVC	Overburden	54.76	---	---	PVC	1.98	---	---	10.25	---	---	---
TRY_MW-202S	2-in PVC	Overburden	14.13	6.6 to 13.6	7	PVC	1.64	---	---	10.72	---	---	---
TRY_MW-202D	2-in PVC	Overburden	65.23	---	---	Casing	1.84	---	---	9.71	---	---	---
TRY_MW-502	2-in PVC	Overburden	18.6	---	---	PVC	2.47	---	---	15.13	---	---	---
TRY_MW-504	2-in PVC	Overburden	11.85	---	---	PVC	2.50	---	---	7.51	---	---	---
TRY_MW-505	2-in PVC	Overburden	16.78	6.6-16.6 [4]	10	PVC	2.56	---	---	7.81	---	---	---
TRY_MW-506	2-in PVC	Overburden	17.32	---	---	PVC	3.19	---	---	13.24	---	---	---
TRY_MW-507	2-in PVC	Overburden	13.04	8-13 [4]	5	PVC	2.74	---	---	9.15	---	---	---
TRY_MW-603	2-in PVC	Bedrock	15.7	5.2-15.2 [4]	10	PVC	2.16	---	---	9.22	---	---	---
Wells With LNAPL Thickness Measurements Only													
TRY_MW-C1S	2-in PVC	Overburden	15.0	5.0-15.0	10	PVC	3.27	---	---	---	---	---	---
TRY_MW-C2S	2-in PVC	Overburden	17.2	7.2-17.2	10	PVC	1.75	---	---	---	---	---	---
TRY_MW-C3S	2-in PVC	Overburden	17.8	7.8-17.8	10	PVC	3.1	---	---	---	---	---	---
TRY_MW-C4S	2-in PVC	Overburden	16.7	6.7-16.7	10	PVC	2.64	---	---	---	---	---	---
TRY_MW-C5S	2-in PVC	Overburden	15.0	5.0-15.0	10	PVC	3	---	---	---	---	---	---
TRY_MW-C6S	2-in PVC	Overburden	15.2	5.2-15.2	10	PVC	1.79	---	---	---	---	---	---
TRY_MW-C7S	2-in PVC	Overburden	15.0	5.0-15.0	10	PVC	2.03	---	---	---	---	---	---
TRY_MW-C8S	2-in PVC	Overburden	18.1	8.1-18.1	10	PVC	2.48	---	---	---	---	---	---
TRY_MW-201S	1 1/2-in PVC	Overburden	18.2	8.2-18.2	10	PVC	2.24	---	---	---	---	---	---
Groundwater Wells That Have Screen Lengths Greater than 10 feet													
TRY_M-1	1 1/2-in PVC	Overburden	67.3 [4]	8.3-67.3 [4]	59	PVC	0.64	QED T1300	3.8-ft L, 1-in D, 220-mL C	8.76	55.0	46.7	12.3
TRY_M-2	1 1/2-in PVC	Overburden	43.9	7.5-43.9	36.4	PVC	0.75	QED T1300	3.8-ft L, 1-in D, 220-mL C	5.74	16.5	9.0	27.4
TRY_MW-101	1 1/2-in PVC	Predominantly Overburden	82	32-82	50	PVC	1.18	Geotech Geo.85SS24	2.1-ft L, 0.58-in D, 59.6 mL C	31.25	50.0	18.0	32.0
TRY_MW-102	2-in PVC	Predominantly Overburden	36.2 [4]	21.2-36.2 [4]	15	Casing	2.89	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	24.99	34.0	13.0	2.2
TRY_MW-104S	2-in PVC	Overburden	17.7 [4,5]	5-17 [4,5]	12	PVC	2.17	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	4.39	15.5	10.5	1.5
TRY_MW-104D	2-in PVC	Overburden	52.1 [4]	37.1-52.1 [4]	15	PVC	2.48	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	4.24	48.0	10.9	4.1
TRY_MW-105S	2-in PVC	Overburden	21.08	6.5-19.5 [4]	13	PVC	---	QED T1250	1.2-ft L, 1.75 in D, 100-mL C	11.58	17.5	11.0	3.6
TRY_MW-105D	2-in PVC	Deep Bedrock	87.92	48.5-88.2 [4]	39.7	PVC	1.89	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	12.65	68.0	19.5	20.2
TRY_MW-201P	4-in PVC	Overburden	53.7	6.5-56.5 [4]	50	Casing	2.07	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	9.40	26.5	20.0	30.0
TRY_MW-202P	4-in PVC	Overburden	61.55	4.9-59.9 [4]	55	PVC	1.96	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	9.97	52.5	47.6	7.4
TRY_MW-601S	2-in PVC	Overburden	29.3	14.3-29.3	5	PVC	2.69	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	21.80	27.8	13.5	1.5
TRY_MW-602S	2-in PVC	Overburden	36	21-36	15	PVC	2.30	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	26.13	34.4	13.4	1.6
TRY_MW-701	2-in PVC	Deep Bedrock	78.3	18.3-78.3	60	PVC	3.18	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	10.70	48.3	30.0	30.0
TRY_MW-702D	2-in PVC	Deep Bedrock	46.4 [4,5]	19.4-46.4 [4,5]	27	PVC	2.44	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	6.51	33.0	13.6	13.4

TABLE 2 - WELL CONSTRUCTION INFORMATION
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well Designation	**Well Type** (2-in, 1.5-in etc.)	**Screened Geologic Unit**	**Depth to Well Bottom** [1] (ft, referenced to measuring point)	**Screen Interval** (ft, referenced to measuring point)	**Screen Length** (ft)	**Reference Measuring Point**	**Height of Stickup of Measuring Point** (ft)	**Bladder Pump Model**	**Bladder Length in feet (L) / Diameter in inches (D) / & Capacity in mL (C)**	**Historic Low Water Level** [2] (ft, referenced to measuring point)	**Recommended Depth of Bladder Pump Intake** (ft, referenced to measuring point)	**Pump Intake Distance from Top of Screen** (ft, referenced to measuring point)	**Distance Between Pump Intake and Bottom of Well** [3] (ft, referenced to measuring point)
Groundwater Wells With Screen Lengths Equal to or Less than 10 feet													
TRY_A28	1 1/2-in PVC	Overburden	13.03	8.03	5	PVC	3.03	N / A [6]	N / A [6]	9.12	11.1 [6]	3.1 [6]	1.9 [6]
TRY_M-7	1 1/2-in PVC	Overburden	17.3	7.8-17.3	9.5	PVC	1.61	QED T1300	3.8-ft L, 1-in D, 220-mL C	8.76	15.8	8.0	1.5
TRY_MW-201M	1 1/2-in PVC	Overburden	36.6	26.6-36.6	10	PVC	2.81	QED T1300	3.8-ft L, 1-in D, 220-mL C	10.50	34.6	8.0	2.0
TRY_MW-204	2-in PVC	Overburden	32.8	22.8-32.8	10	PVC	2.6	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	20.69	31.3	8.5	1.5
TRY_MW-205	2-in PVC	Overburden	39.1	29.1-39.1	10	PVC	2.07	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	33.42	37.6	8.5	1.5
TRY_MW-301X	2-in PVC	Overburden	52.5	42.5-52.5	10	PVC	2.42	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	35.25	47.5	5.0	5.0
TRY_MW-501X	2-in PVC	Overburden	12.02	2.0-12.0	10	PVC	2.02	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	6.39	9.2	5.0	5.0
TRY_MW-508X	2-in PVC	Overburden	9.7	4.7-9.7	5	PVC	2.9	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	6.38	7.2	2.5	2.5
TRY_MW-601D	2-in PVC	Overburden	62.1	52.1-62.1	10	PVC	2.23	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	23.10	57.1	5.0	5.0
TRY_MW-602B	2-in PVC	Bedrock	47.5	37.5-47.5	10	PVC	2.12	QED T1250	1.2-ft L, 1.5-in D, 100-mL C	21.39	42.5	5.0	5.0
TRY_MW-702SX	2-in PVC	Overburden	15.4	5.4-15.4	10	PVC	3.9	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	6.50	10.4	5.0	5.0
TRY_MW-801	2-in PVC	Overburden	46.4	36.4-46.4	10	PVC	2.25	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	32.45	41.4	5.0	5.0
TRY_MW-802	2-in PVC	Overburden	35.6	25.6-35.6	10	PVC	2.1	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	27.82	30.6	5.0	5.0
TRY_MW-803	2-in PVC	Overburden	32.3	22.3-32.3	10	PVC	2.15	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	27.46	27.3	5.0	5.0
TRY_MW-804	2-in PVC	Overburden	36.0	26.0-36.0	10	PVC	2.32	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	30.52	31.0	5.0	5.0
TRY_MW-805	2-in PVC	Overburden	42.4	32.4-42.4	10	PVC	2.37	QED Sample Pro	1.2-ft L, 1.75 in D, 100-mL C	30.68	37.4	5.0	5.0

TABLE KEY:

in = Inch
ft = Feet
PVC = Polyvinyl chloride
LNAPL = Light Non-aqueous Phase Liquid
L = Length
D = Diameter
C = Capacity
"---" = No data available
N / A = Not applicable

SPECIFIC NOTES:

1. Depth to Well Bottom are field measured unless otherwise noted.
2. Historic low water levels are compiled from water level measurements taken from 2006 to the present. This data is checked yearly and updated as necessary. Refer to Table 3 - Groundwater Level Measurements and Elevation Data for historical groundwater levels and elevations.
3. The distance between pump intake and bottom of the well is calculated using the Depth to Well Bottom information.
4. Downhole information was not verified during the October 8, 2008 camera survey.
5. GZA notes that there appears to be a minor discrepancy between the historical information regarding the bottom of screen/well and that which was measured in July 2008 by GZA in two wells (TRY_MW-702D & TRY_MW-104S).
6. Well TRY_MW-A28 is a 1.5-inch diameter well. The well was too small to accommodate a SamplePro Bladder pump; therefore, a peristaltic pump and dedicated poly tubing was used to sample the well. The last three columns of the table (Recommended Depth of Bladder Pump Intake, etc.) refer to the intake depth of the poly tubing used for sampling.

TABLE 3 - GROUNDWATER LEVEL MEASUREMENTS AND ELEVATION DATA
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well Designation	Screened Geologic Unit	Measuring Point [1]	Measuring Point Elevation [2] (ft)	November 2006		May 2007		June 2008		November 2008		June 2009		October 2009		June 2011		July 2012		June 2013 [3]	
				Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)	Depth to Water (ft bmp)	Elevation (ft)
Wells With Water Level Measurements Only																					
TRY_P-1	---	PVC	1073.44	---	---	---	---	12.81	1,060.6	12.7	1,060.7	12.46	1,061.0	13.67	1,059.8	11.77	1,061.7	---	---	---	---
TRY_M-3	Overburden	PVC	1037.65	6.61	1031.0	6.1	1,031.6	6.8	1,030.9	6.32	1,031.3	6.59	1,031.1	6.50	1,031.2	9.11	1,028.5	---	---	---	---
TRY_M-5	---	PVC	1103.85	---	---	---	---	16.15	1,087.7	16.7	1,087.2	15.66	1,088.2	16.50	1,087.4	15.29	1,088.6	---	---	---	---
TRY_M-6	---	Casing	1040.49	---	---	---	---	10.65	1,029.8	10.31	1,030.2	10.38	1,030.1	10.57	1,029.9	9.81	1,030.7	---	---	---	---
TRY_M-7D	Deep Bedrock	PVC	1036.39	4.54	1031.9	4.39	1,032.0	5.58	1,030.8	4.31	1,032.1	2.89	1,033.5	4.65	1,031.7	4.12	1,032.3	---	---	---	---
TRY_MW-108	Deep Bedrock	Casing	1082.95	36.16	1046.8	34.52	1,048.4	35.61	1,047.3	35.85	1,047.1	35.9	1,047.1	36.02	1,046.9	34.85	1,048.1	---	---	---	---
TRY_MW-201D	---	PVC	1,050.08	10.52	1,039.6	---	---	10.59	1,039.5	10.44	1,039.6	10.6	1,039.5	10.68	1,039.4	10.25	1,039.8	---	---	---	---
TRY_MW-202S	Overburden	PVC	1,051.64	---	---	---	---	10.97	1,040.7	10.72	1,040.9	10.79	1,040.9	11.18	1,040.5	11.15	1,040.5	---	---	---	---
TRY_MW-202D	---	Casing	1,051.84	---	---	---	---	10.14	1,041.7	9.78	1,042.1	10.12	1,041.7	10.43	1,041.4	9.71	1,042.1	---	---	---	---
TRY_MW-502	Overburden	PVC	1,057.57	14.70	1,042.9	---	---	14.82	1,042.8	14.99	1,042.6	14.91	1,042.7	15.13	1,042.4	14.20	1,043.4	---	---	---	---
TRY_MW-504	---	PVC	1,053.90	---	---	---	---	7.46	1,046.4	6.55	1,047.4	7.42	1,046.5	7.51	1,046.4	7.29	1,046.6	---	---	---	---
TRY_MW-505	Overburden	PVC	1,065.16	6.43	1,058.7	5.82	1,059.3	7.24	1,057.9	6.69	1,058.5	7.11	1,058.1	7.81	1,057.4	7.70	1,057.5	---	---	---	---
TRY_MW-506	---	PVC	1,076.89	---	---	---	---	12.27	1,064.6	12.25	1,064.6	11.85	1,065.0	13.24	1,063.7	11.26	1,065.6	---	---	---	---
TRY_MW-507	Overburden	PVC	1,076.54	7.36	1,069.2	---	---	7.76	1,068.8	---	---	7.28	1,069.3	9.15	1,067.4	8.91	1,067.6	---	---	---	---
TRY_MW-603	Bedrock	PVC	1,104.16	5.43	1,098.7	---	---	7.76	1,096.4	6.71	1,097.5	7.04	1,097.1	9.22	1,094.9	6.85	1,097.3	---	---	---	---
TRY_MW-201S	Overburden	PVC	1,050.34	10.62	1,039.7	---	---	10.6	1,039.7	LNAPL	---	LNAPL	---	LNAPL	---	LNAPL	---	LNAPL	---	LNAPL	---
Wells Currently Sampled That Have Screen Lengths Greater Than 10 Feet																					
TRY_M-1	---	PVC	1,062.24	---	---	---	---	8.34	1,053.9	7.57	1,054.7	8.14	1,054.1	8.76	1,053.5	7.71	1,054.5	---	---	---	---
TRY_M-2	Overburden	PVC	1,044.35	5.36	1,039.0	4.85	1,039.5	5.74	1,038.6	5.23	1,039.1	5.49	1,038.9	5.54	1,038.8	5.49	1,038.9	---	---	4.50	1,039.9
TRY_MW-101	Predominantly Overburden	Casing	1,077.48	31.25	1,046.2	29.51	1,048.0	29.11	1,048.4	29.94	1,047.5	29.76	1,047.7	29.48	1,048.0	27.82	1,049.7	29.20	1,048.3	28.63	1,048.9
TRY_MW-102	Predominantly Overburden	Casing	1,093.89	24.99	1,068.9	---	---	22.07	1,071.8	23.93	1,070.0	21.95	1,071.9	23.65	1,070.2	20.56	1,073.3	---	---	---	---
TRY_MW-104S	Overburden	PVC	1,032.97	3.93	1,029.0	---	---	4.39	1,028.6	4.02	1,029.0	4.17	1,028.8	3.93	1,029.0	3.62	1,029.4	---	---	3.68	1,029.3
TRY_MW-104D	Overburden	PVC	1,033.08	3.93	1,029.2	---	---	4.24	1,028.8	3.89	1,029.2	4.18	1,028.9	3.94	1,029.1	3.60	1,029.5	---	---	3.61	1,029.5
TRY_MW-105S	Overburden	PVC	---	---	---	---	---	11.58	---	10.94	---	10.96	---	10.45	---	10.35	---	---	---	---	---
TRY_MW-105D	Deep Bedrock	PVC	1,036.49	---	---	11.45	1,025.0	12.65	1,023.8	---	---	11.52	1,025.0	10.21	1,026.3	9.99	--- [4]	---	--- [4]	---	--- [4]
TRY_MW-201P	---	Casing	1,048.57	---	---	---	---	7.99	1,040.6	9.4	1,039.2	7.79	1,040.8	8.02	1,040.6	7.92	1,040.7	---	---	LNAPL	---
TRY_MW-202P	---	PVC	1,053.36	---	---	---	---	9.79	1,043.6	7.98	1,045.4	9.49	1,043.9	9.97	1,043.4	9.35	1,044.0	---	---	---	---
TRY_MW-601S	Overburden	PVC	1,070.89	21.66	1,049.2	20.53	1,050.4	21.29	1,049.6	21.67	1,049.2	20.85	1,050.0	21.57	1,049.3	20.56	1,050.3	21.80	1,049.1	20.36	1,050.5
TRY_MW-602S	Overburden	PVC	1,084.60	26.13	1,058.5	21.09	1,063.5	21.07	1,063.5	24.26	1,060.3	21.38	1,063.2	24.22	1,060.4	18.92	1,065.7	24.44	1,060.2	19.82	1,064.8
TRY_MW-701	Deep Bedrock	PVC	1,106.28	---	---	5.65	1,100.6	9.99	1,096.3	7.71	1,098.6	8.64	1,097.6	10.70	1,095.6	8.17	1,098.1	---	---	6.11	1,100.2
TRY_MW-702D	Deep Bedrock	PVC	1,036.34	---	---	3.96	1,032.4	6.2	1,030.1	5.71	1,030.6	5.30	1,031.0	6.51	1,029.8	5.08	1,031.3	---	---	---	---
Wells Currently Sampled With Screen Lengths Equal To Or Less Than 10 Feet																					
TRY_MW-A28 [5]	Overburden	PVC	--- [5]	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9.12	---
TRY_M-7	Overburden	PVC	1,037.41	8.46	1,029.0	8.5	1,028.9	8.76	1,028.7	8.72	1,028.7	8.51	1,028.9	8.53	1,028.9	8.26	1,029.2	---	---	---	---
TRY_MW-201M	Overburden	PVC	1,049.91	9.53	1,040.4	9.19	1,040.7	9.52	1,040.4	9.53	1,040.4	9.37	1,040.5	10.50	1,039.4	9.07	1,040.8	---	---	9.02	1,040.9
TRY_MW-204	Overburden	PVC	1,081.80	20.38	1,061.4	18.85	1,063.0	19.53	1,062.3	20.39	1,061.4	18.93	1,062.9	20.69	1,061.1	17.67	1,064.1	---	---	---	---
TRY_MW-205	Overburden	PVC	1,087.97	33.42	1,054.6	29.94	1,058.0	29.68	1,058.3	31.74	1,056.2	29.71	1,058.3	31.06	1,056.9	28.12	1,059.9	31.55	1,056.4	30.68	1,057.3
TRY_MW-301	Overburden	PVC	1,080.77	35.86	1,044.9	---	---	34.14	1,046.6	34.71	1,046.1	34.56	1,046.2	34.85	1,045.9	---	---	---	---	---	---
TRY_MW-301X	Overburden	PVC	1,080.94	---	---	---	---	---	---	---	---	---	---	---	---	34.31	1,046.6	---	---	35.25	1,045.7
TRY_MW-501	Overburden	PVC	1,040.49	6.57	1,033.9	9.33	1,031.2	6.58	1,033.9	6.38	1,034.1	6.58	1,033.9	6.43	1,034.1	---	---	---	---	---	---
TRY_MW-501X	Overburden	PVC	1,039.98	---	---	---	---	---	---	---	---	---	---	---	---	6.38	1,033.6	---	---	6.39	1,033.6
TRY_MW-508	Overburden	Casing	1,079.50	---	---	---	---	11.65	1,067.9	6.19	1,073.3	7.17	1,072.3	8.58	1,070.9	---	---	---	---	---	---
TRY_MW-508X	Overburden	PVC	1,080.72	---	---	---	---	---	---	---	---	---	---	---	---	6.38	1,074.3	---	---	---	---
TRY_MW-601D	Overburden	PVC	1,070.43	23.1	1,047.3	21.66	1,048.8	22.38	1,048.1	22.76	1,047.7	21.84	1,048.6	22.81	1,047.6	22.98	1,047.5	---	---	21.56	1,048.9
TRY_MW-602B	Bedrock	PVC	1,083.92	21.39	1,062.5	17.82	1,066.1	18.39	1,065.5	20.34	1,063.6	18.28	1,065.6	20.61	1,063.3	16.40	1,067.5	---	---	---	---
TRY_MW-702S	Overburden	PVC	1,036.60	---	---	4.57	1,032.0	6.61	1,030.0	6.03	1,030.6	5.58	1,031.0	6.82	1,029.8	---	---	---	---	---	---
TRY_MW-702SX	Overburden	PVC	1,037.76	---	---	---	---	---	---	---	---	---	---	---	---	6.50	1,031.3	---	---	---	---
TRY_MW_801	Overburden	PVC	1,088.01	---	---	---	---	---	---	---	---	---	---	---	---	29.87	1,058.1	32.45	1,055.6	31.94	1,056.1
TRY_MW-802	Overburden	PVC	1,091.36	---	---	---	---	---	---	---	---	---	---	---	---	23.74	1,067.6	27.82	1,063.5	26.58	1,064.8
TRY_MW-803	Overburden	PVC	1,090.70	---	---	---	---	---	---	---	---	---	---	---	---	21.39	1,069.3	27.46	1,063.2	25.45	1,065.3
TRY_MW-804	Overburden	PVC	1,087.68	---	---	---	---	---	---	---	---	---	---	---	---	27.38	1,060.3	30.52	1,057.2	29.28	1,058.4
TRY_MW-805	Overburden	PVC	1,085.20	---	---	---	---	---	---	---	---	---	---	---	---	28.67	1,056.5	30.68	1,054.5	29.91	1,055.3

TABLE 3 - GROUNDWATER LEVEL MEASUREMENTS AND ELEVATION DATA
Troy Mills Landfill Superfund Site
Troy, New Hampshire

TABLE KEY:
ft = feet
ft bmp = feet below measuring point
LNAPL = Light non-aqueous phase liquid observed in well
"---" = data is not readily available or groundwater level was not collected

NOTES:
1. Depth to groundwater measurements are referenced to top of polyvinyl chloride (PVC) risers or top of casing at groundwater monitoring wells as indicated.
2. A survey of the site wells was conducted in February 2005 by Conklin & Soroka of Cheshire, Connecticut. The benchmark point used for this survey was monitoring well TRY_MW-3; its elevation was established as 1037.65 (PVC) according to the plan titled "Topographic Survey Depicting Monitoring Well Locations, Land of Troy Mills Landfill." The 700-series wells were drilled in November 2006 by NH Boring, the x-series replacement wells were drilled in November 2010 by Expedition Drilling, and the 800-series wells were drilled in May 2011 by Boart Longyear. The elevations of these wells were measured by GZA personnel using already existing on-site wells as reference points. The horizontal datum used to identify site monitoring wells is NAD83/96 per NHDOT Base Station, following the NH State Plane projection, in units of US Survey feet.
3. A comprehensive water level round was not performed in 2013. Depth to groundwater measurements were collected by GZA field personnel at select wells during June 2013.
4. The casing and PVC stickup were replaced at TRY_MW-105D in 2010; the measuring point elevation is no longer valid.
5. GZA notes that a new well (TRY_A-28) installed in July 2012 is included in this table; however, this well has not yet been surveyed and no elevation information is available at this time.

TABLE 4 - SUMMARY OF LNAPL WELL OBSERVATIONS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Well ID	TRY_MW-C1S					TRY_MW-C2S					TRY_MW-C3S				
Sampling Date	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**
Reference Elevation (MSL) - Top of PVC	1,048.29					1,048.16					1,048.14				
Depth to LNAPL (ft)	8.79	7.71	8.77	*n/a*	*n/a*	*n/a*	7.56	8.52	*n/a*	*n/a*	*n/a*	7.53	8.45	*n/a*	*n/a*
Elevation of Top of LNAPL (ft)	1,039.5	1,040.6	1,039.5	*n/a*	*n/a*	*n/a*	1,040.6	1,039.6	*n/a*	*n/a*	*n/a*	1,040.6	1,039.7	*n/a*	*n/a*
Depth to Water (ft)	8.795	7.81	8.78	9.04	7.83	8.65	7.67	8.53	8.77	7.56	8.59	7.62	8.47	8.71	7.52
Groundwater elevation (ft)	1,039.5	1,040.5	1,039.5	1,039.3	1,040.5	1,039.5	1,040.5	1,039.6	1,039.4	1,040.6	1,039.6	1,040.5	1,039.7	1,039.4	1,040.6
Corrected Groundwater elevation (ft) [3]	1,039.5	1,040.6	1,039.5	*n/a*	*n/a*	*n/a*	1,040.6	1,039.6	*n/a*	*n/a*	*n/a*	1,040.6	1,039.7	*n/a*	*n/a*
LNAPL Thickness (ft)	0.005	0.1	<0.01 [1]	*n/a*	*n/a*	*n/a*	0.11	0.01	*n/a*	*n/a*	*n/a*	0.09	0.02	*n/a*	*n/a*
LNAPL Thickness (inches)	0.06	1.2	<0.12 [1]	*n/a*	*n/a*	*n/a*	1.32	0.12	*n/a*	*n/a*	*n/a*	1.08	0.24	*n/a*	*n/a*

See last page for notes.

TABLE 4 - SUMMARY OF LNAPL WELL OBSERVATIONS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Well ID	TRY_MW-C4S					TRY_MW-C5S					TRY_MW-C6S				
Sampling Date	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**
Reference Elevation (MSL) - Top of PVC	1,047.83					1,049.84					1,043.84				
Depth to LNAPL (ft)	*n/a*	7.32	*n/a*	*n/a*	*n/a*	*n/a*	9.06	9.14	9.06	*n/a*	*n/a*	6.46	--	*n/a*	*n/a*
Elevation of Top of LNAPL (ft)	*n/a*	1,040.5	*n/a*	*n/a*	*n/a*	*n/a*	1,040.8	1,040.7	1,040.8	*n/a*	*n/a*	1,037.4	--	*n/a*	*n/a*
Depth to Water (ft)	8.31	7.41	8.2	8.46	7.24	9.06	9.08	9.15	9.07	8.99	6.64	6.58	--	6.8	6.14
Groundwater elevation (ft)	1,039.5	1,040.4	1,039.6	1,039.4	1,040.6	1,040.8	1,040.8	1,040.7	1,040.8	1,040.9	1,037.2	1,037.3	--	1,037.0	1,037.7
Corrected Groundwater elevation (ft) [3]	*n/a*	1,040.5	*n/a*	*n/a*	*n/a*	*n/a*	1,040.8	1,040.7	1,040.8	*n/a*	*n/a*	1,037.4	--	*n/a*	*n/a*
LNAPL Thickness (ft)	*n/a*	0.09	*n/a*	*n/a*	*n/a*	*n/a*	0.02	0.01	0.01	*n/a*	*n/a*	0.12	--	*n/a*	*n/a*
LNAPL Thickness (inches)	*n/a*	1.08	*n/a*	*n/a*	*n/a*	*n/a*	0.24	0.12	0.12	*n/a*	*n/a*	1.44	--	*n/a*	*n/a*

See last page for notes.

TABLE 4 - SUMMARY OF LNAPL WELL OBSERVATIONS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Well ID	TRY_MW-C7S					TRY_MW-C8S					TRY_MW-201P				
Sampling Date	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**
Reference Elevation (MSL) - Top of PVC	1,050.07					1,054.57					1,048.57				
Depth to LNAPL (ft)	9.42	9.41	9.5	*n/a*	*n/a*	13.4	13.06	13.32	13.35	13.02	--	--	7.98	7.92	7.80
Elevation of Top of LNAPL (ft)	1,040.7	1,040.7	1,040.6	*n/a*	*n/a*	1041.2	1041.5	1041.3	1041.2	1041.6	--	--	1040.6	1040.7	1040.8
Depth to Water (ft)	9.425	9.46	9.55	9.41	9.33	13.42	13.09	15.3	13.55	13.05	--	--	9.4	7.93	7.81
Groundwater elevation (ft)	1,040.6	1,040.6	1,040.5	1,040.7	1,040.7	1041.2	1041.5	1039.3	1041.0	1041.5	--	--	1039.2	1040.6	1040.8
Corrected Groundwater elevation (ft) [3]	1,040.6	1,040.7	1,040.6	*n/a*	*n/a*	1041.2	1041.5	1041.2	1041.2	1041.5	--	--	1040.6	1040.6	1040.8
LNAPL Thickness (ft)	0.005	0.05	0.05	*n/a*	*n/a*	0.02	0.03	1.98	0.2	0.03	--	--	1.42	0.01	0.01
LNAPL Thickness (inches)	0.06	0.6	0.6	*n/a*	*n/a*	0.24	0.36	23.76	2.4	0.36	--	--	17.04	0.12	0.12

See last page for notes.

TABLE 4 - SUMMARY OF LNAPL WELL OBSERVATIONS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Well ID	TRY_MW-201S							TRY_A-28	
Sampling Date	**6/8/2009**	**10/5/2009**	**11/29/2010**	**6/6/2011**	**7/25/2012**	**11/19/2012**	**6/3/2013**	**7/25/2012**	**11/19/2012**
Reference Elevation (MSL) - Top of PVC	1,050.34							-- [4]	
Depth to LNAPL (ft)	9.7	9.81	--	9.31	10.05	10.22	9.37	*n/a*	
Elevation of Top of LNAPL (ft)	1040.6	1040.5	--	1041.0	1040.3	1040.1	1041.0	*n/a*	
Depth to Water (ft)	10.68	10.71	--	10.6	11.54	10.99	9.97	9.52	9.43
Groundwater elevation (ft)	1039.7	1039.6	--	1039.7	1038.8	1039.35	1040.37	-- [4]	
Corrected Groundwater elevation (ft) [3]	1040.6	1040.5	--	1041.0	1040.3	1040.1	1041.0	*n/a*	
LNAPL Thickness (ft)	0.98	0.90	--	1.29	1.49	0.77	0.60	*n/a*	
LNAPL Thickness (inches)	11.76	10.8	--	15.48	17.88	9.24	7.2	*n/a*	

See last page for notes.

TABLE 4 - SUMMARY OF LNAPL WELL OBSERVATIONS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

TABLE KEY:
MSL = Mean Sea Level
PVC = Polyvinyl Chloride
LNAPL = Light Non-aqueous Phase Liquid
ft = feet
n/a = no product was detected in the well during the sampling event
"--" = a measurement was not collected at that location during the sampling round

NOTES:
1. The LNAPL in this well triggered the interface probe to alarm, but the actual measured product was considered to be trace (less than 0.01 feet).
2. The depth to LNAPL readings were observed to be erratic during the July 25, 2012 sampling event.
3. The corrected groundwater elevation was calculated using the density of bis-2-ethylhexyl phthalate (0.985 g/mL) at 20°C.
4. GZA notes that a new well (TRY_A-28) installed in July 2012 is included in this table; however, this well has not yet been surveyed so no elevation information is available at this time.

TABLE 5 - PARAMETERS WITH LABORATORY REPORTING LIMIT (RL) EXCEEDANCES DUE TO DILUTION

Troy Mills Landfill Superfund Site
Troy, New Hampshire

VOLATILE ORGANIC COMPOUNDS	MANGANESE
TRY_MW-201M	TRY_SW-LEACHATE
TRY_MW-805	TRY_SW-LEACHATE DUP
TRY_MW-205	TRY_M-2
TRY_MW-804	TRY_MW-101
TRY_MW-804 DUP	TRY_MW-104S
TRY_MW-803	TRY_MW-501X
	TRY_MW-601S
	TRY_MW-801
	TRY_MW-802
	TRY_MW-803
	TRY_MW-804
	TRY_MW-804 DUP
	TRY_MW-805

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_M-1 Overburden		TRY_M-2 Overburden										
Sampling Event Date			**Jun-11**	**Jun-13**	**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)															
Tetrachloroethene	5	5	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	<2.0	ns	<2	<1.0	ns	<2.0	**3.2**	<2.0	**2.2**	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	<2.0	ns	**68**	**11**	ns	**11**	**23**	<2.0	**16**	**2.9**	**8.4**	<2.0	<2.0
Vinyl Chloride	2	2	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	<2.0	ns	**217E**	**48**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	<2.0	ns	**57**	**2.6**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	<10	ns	---	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	5	5	<2.0	ns	**3.8**	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	**13**	ns	**30**	**8.7**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	**5.5**	ns	---	**6.9**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	<2.0	ns	**27**	**9.6**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	<2.0	ns	**11**	**2.4**	ns	<2.0	**2.8**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	<10	ns	**16**	**2.8**	ns	<9	<10	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	<2.0	ns	<2	**1.5**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)															
1,1,1-Trichloroethane	200	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	<10	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	<2.0	ns	---	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	ns	<10	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	<10	ns	<10	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	na	<2.0	ns	<2	**13**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.5**
Isopropylbenzene (cumene)	800	na	**12**	ns	**20**	**8.5**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**3.0**
Methylene Chloride (Dichloromethane)	5	na	<2.0	ns	<2	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	**14**	ns	**11.0**	**8.9**	ns	**2**	**7.0**	<2.0	**2.9**	**2.8**	**2.0**	**2.7**	**4.5**
t-Butanol (TBA)	40	na	<10	ns	<10	---	ns	<10	<10	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	**2.5**	ns	**3**	**2.8**	ns	<2.0	**2.1**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	<2.0	ns	---	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	<2.0	ns	**55**	**3.8**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	<2.0	ns	<2	**2.0**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µ g/L)	na	na	**47**	ns	**518.8**	**132.5**	ns	**13.0**	**38.1**	ND	**21.1**	**5.7**	**10.4**	**2.7**	**10.0**
1,4-Dioxane (µg/L)															
1,4-Dioxane	3	3	<0.2	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)															
Benzo(a)pyrene	0.2	0.2	<10	ns	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	<10	ns	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	<5	ns	<10	<5	ns	**27**	<10	**21**	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	<10	ns	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	<10	ns	**30**	**5**	ns	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	<20	ns	<25	<5	ns	<20	<20	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)															
3 & 4-Methylphenol	40	na	<10	ns	<10	**16**	ns	<10	<10	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	<10	ns	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	<10	ns	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ND	ns	**30**	**21**	ns	**27**	ND	**21**	ND	ND	ND	ND	ND
Metals of Concern (mg/L)															
Arsenic	0.01	0.01	<0.001	ns	ns	<0.200	ns	**0.0030**	**0.0029**	**0.0029**	ns	ns	ns	ns	ns
Manganese	0.84	0.3	**0.121**	ns	ns	**5.50**	ns	**4.270**	**3.430**	**2.77**	**4.05**	**2.73**	**3.05**	**1.94**	**2.31**
Additional Metals (mg/L)															
Barium	2	na	**0.007**	ns	ns	<0.030	ns	**0.0132**	**0.0218**	**0.0128**	ns	ns	ns	ns	ns
Cadmium	0.005	na	<0.002	ns	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	<0.005	ns	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	<0.001	ns	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	<0.005	ns	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	**0.908**	ns	ns	**43.00**	ns	**30.70**	**21.70**	**30.80**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_M-7 Overburden											
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Oct-09 DUP	Jun-11	Jun-13
VOCs of Concern (µg/L)														
Tetrachloroethene	5	5	<2	<1.0	ns	<0.4	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Trichloroethene	5	5	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
cis-1,2-Dichloroethene	70	70	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Vinyl Chloride	2	2	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
1,2,4-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
1,3,5-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
2-Butanone(MEK)	4,000	4,000	---	<1.0	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Benzene	5	5	<2	<1.0	ns	<0.3	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Naphthalene	20	20	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
n-Butylbenzene	260	260	---	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
n-Propylbenzene	260	260	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Tetrahydrofuran(THF)	154	154	<10	<1.0	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Toluene	1,000	1,000	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Additional VOCs (µg/L)														
1,1,1-Trichloroethane	200	na	**3.6**	**3.5**	**4.0**	**4.5**	ns	**2.4**	**2.8**	**2.3**	**2.2**	ns	<2.0	ns
1,1-Dichloroethane	81	na	**10**	<1.0	**8.0**	**7.8**	ns	**11**	**10**	**8.1**	**10**	ns	**6.4**	ns
1,1-Dichloroethene	7	na	<2	**3.0**	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
1,2,4-Trichlorobenzene	70	na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
1,2-Dichloroethane	5	na	<2	<1.0	<2.0	<0.4	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
1,4-Dichlorobenzene	75	na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
2-Chlorotoluene	100	na	---	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	<1.0	<2.0	<10	ns	<10	<10	<10	<10	ns	<10	ns
Acetone	6,000	na	<10	<1.0	<10	<10	ns	<10	<10	<10	<10	ns	<10	ns
Ethylbenzene	700	na	<2	<1.0	<10	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Isopropylbenzene (cumene)	800	na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
sec-Butylbenzene	260	na	**<2**	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
t-Butanol (TBA)	40	na	<10	---	<10	<10	ns	<10	<10	<10	**16**	ns	**10**	ns
t-Butylbenzene	260	na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Trichlorofluoromethane	2,000	na	---	**2.0**	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
m/p-Xylene	10, 000 [1]	na	<2	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
o-Xylene		na	<2	<1.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0	<2.0	ns	<2.0	ns
Total VOCs (µ g/L)	na	na	**13.6**	**8.5**	**32.0**	**12.3**	ns	**13.4**	**12.8**	**10.4**	**28.2**	ns	**16**	ns
1,4-Dioxane (µg/L)														
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	**2.2**	ns	ns	**2.7**	**2.9**	ns	ns
SVOCs of Concern (µg/L)														
Benzo(a)pyrene	0.2	0.2	<10	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Benzo(b)fluoranthene	0.1	0.1	<10	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	<10	<5	ns	<10	ns	<5.0	<5.0	<5.0	<5.0	ns	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	<10	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Naphthalene	20	20	<2	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Pentachlorophenol	1	1	<25	<5	ns	<20	ns	<20	<20	<20	<20	ns	<20	ns
Additional SVOCs (µg/L)														
3 & 4-Methylphenol	40	na	<10	<10	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Di-n-butylphthalate	na	na	<10	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Di-n-octylphalate	na	na	<10	<5	ns	<10	ns	<10	<10	<10	<10	ns	<10	ns
Total SVOCs (µg/L)	na	na	ND	ND	ns	ND	ns	ND	ND	ND	ND	ns	ND	ns
Metals of Concern (mg/L)														
Arsenic	0.01	0.01	ns	<0.200	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	**3.69**	**1.2**	**1.810**	**3.320**	**1.500**	**0.839**	**2.85**	**1.97**	**2.92**	ns	**0.729**	ns
Additional Metals (mg/L)														
Barium	2	na	ns	<0.030	**0.0378**	**0.0528**	**0.0425**	**0.0420**	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	<0.0020	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns
Iron	na	na	<0.05	<0.100	ns	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-101 Overburden/Bedrock										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	<2	**8.0**	ns	**4.3**	**8.1**	**2.5**	**2.8**	**4.0**	**2.7**	**2.7**	**2.5**
Vinyl Chloride	2	2	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	**44**	**80**	ns	**201**	**347**	**181**	**183**	**30**	**169**	**65**	**90**
1,3,5-Trimethylbenzene	330	330	**13**	**25**	ns	**65**	**114**	**55**	**47**	**11**	**42**	**20**	**16**
2-Butanone(MEK)	4,000	4,000	---	<1.0	ns	<20	<20	<10	<10	<10	<10	<10	<10
Benzene	5	5	<2	**2.2**	ns	<4.0	<4.0	<2.0	**2.2**	<2.0	**2.0**	<2.0	<2.0
Naphthalene	20	20	**4.5**	**5.5**	ns	**10**	**18**	**8.0**	**11**	**5.0**	**14 J***	**4**	**5.7**
n-Butylbenzene	260	260	---	**3.1**	ns	<4.0	<4.0	**30**	**30**	**22**	**31**	**21**	<2.0
n-Propylbenzene	260	260	**14**	**7.1**	ns	**28**	**51**	**51**	**58**	**39**	**49**	**32**	**39**
p-Isopropyltoluene (4-cymene)	260	260	**6.6**	**2.9**	ns	**9.8**	**23**	**20**	**26**	**11**	**22**	**8.4**	**7.8**
Tetrahydrofuran(THF)	154	154	**26**	**7.8**	ns	<20	<20	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	**3**	**6.6**	ns	<4.0	<4.0	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	**7.9**	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	<2	**10**	ns	<4.0	**5.0**	**3.2**	**3.4**	<2.0	**3.0**	<2.0	<2.0
1,1-Dichloroethene	7	na	<2	<1.0	ns	**5.6**	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	---	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	<1.0	ns	<20	<20	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	<10	<1.0	ns	<20	<20	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	na	<2	**49**	ns	**110**	**141**	**97**	**108**	**65**	**92**	**59**	**69**
Isopropylbenzene (cumene)	800	na	**12**	**9.2**	ns	**24**	**45**	**38**	**39**	**28**	**36**	**27**	**30**
Methylene Chloride (Dichloromethane)	5	na	<2	<1.0	ns	<4.0	<4.0	<2.0	<2.0	**2.1**	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	**9.6**	**2.4**	ns	**8**	**20**	**27**	**27**	**23**	**28**	**23**	**23**
t-Butanol (TBA)	40	na	<10	---	ns	<20	<20	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	**2.3**	<1.0	ns	<4.0	**4.3**	**4.9**	**5**	**4.1**	**5.4**	**4.3**	**4.5**
Trichlorofluoromethane	2,000	na	---	<1.0	ns	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	**11**	**50**	ns	**88**	**144**	**30**	**28**	**7.9**	**42**	**10**	**11**
o-Xylene		na	<2	**49**	ns	**49**	**93**	**9.5**	**4.1**	<2.0	**28**	**6.2**	**5.1**
Total VOCs (µg/L)	na	na	**153.9**	**317.8**	ND	**602**	**1,013**	**562**	**575**	**252**	**566**	**283**	**304**
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	<2.0	ns	<2.0	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	<10	**6**	ns	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	**4.5**	<5	ns	<10	**13**	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	<25	<5	ns	<25	<20	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	<10	<10	ns	<10	<10	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	5	**6**	ns	ND	**13**	ND	ND	ND	ND	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	**0.0021**	**0.0031**	**0.0016**	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**2.10**	ns	**2.23**	**2.50**	**2.62**	**2.89**	**2.54**	**2.25**	**2.7**	**2.2**
Additional Metals (mg/L)													
Barium	2	na	ns	<0.030	ns	0.0277	0.0266	0.0253	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	0.0017	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	0.0001	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	0.0018	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**99**	ns	**114**	**121**	**124**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-102 Overburden												
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-10, 28.5	Jun-10, 28.5 DUP	Jun-11	Jun-13
VOCs of Concern (µg/L)															
Tetrachloroethene	5	5	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Trichloroethene	5	5	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<10	<10	<10	ns
Benzene	5	5	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Naphthalene	20	20	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<10	<10	<10	ns
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Additional VOCs (µg/L)															
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Acetone	6,000	na	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Ethylbenzene	700	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
t-Butanol (TBA)	40	na	ns	---	ns	**11**	ns	ns	ns	ns	ns	<10	<2.0	<2.0	ns
t-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
o-Xylene		na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	ND	ns	11.0	ns	ns	ns	ns	ns	ND	ND	ND	ns
1,4-Dioxane (µg/L)															
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.2	ns
SVOCs of Concern (µg/L)															
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	ns	ns	ns	ns	ns	<5 J	**9.3 J**	<5	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Naphthalene	20	20	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Pentachlorophenol	1	1	ns	<5	ns	<20	ns	ns	ns	ns	ns	<20	<20	<20	ns
Additional SVOCs (µg/L)															
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Di-n-butylphthalate	na	na	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Di-n-octylphalate	na	na	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ND	ns	ND	ns	ns	ns	ns	ns	ND	**9.3**	ND	ns
Metals of Concern (mg/L)															
Arsenic	0.01	0.01	ns	<0.200	ns	<0.0010	ns	ns	ns	ns	ns	<0.0010	<0.0010	<0.001	ns
Manganese	0.84	0.3	ns	**1.10**	ns	**3.15**	ns	ns	ns	ns	ns	**3.58**	**3.64**	**1.51**	ns
Additional Metals (mg/L)															
Barium	2	na	ns	**0.041**	ns	**0.0434**	ns	ns	ns	ns	ns	**0.0332**	**0.0332**	**0.0319**	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	ns	ns	ns	ns	ns	<0.0020	<0.0020	<0.002	ns
Chromium	0.1	na	ns	<0.030	ns	0.0064	ns	ns	ns	ns	ns	<0.0050	<0.0050	<0.005	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	ns	ns	ns	ns	ns	<0.0010	<0.0010	<0.001	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	ns	ns	ns	ns	ns	<0.0050	<0.0050	<0.005	ns
Iron	na	na	ns	**57.7**	ns	**57.7**	ns	ns	ns	ns	ns	**62.4**	**63.0**	**5.28**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-104S Overburden										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	**12**	<1.0	ns	**6.8**	ns	**4.0**	**6.5**	**2.5**	**4.2**	**4.8**	**3.0**
Vinyl Chloride	2	2	<2	<1.0	ns	<2.0	ns	**4.1**	**2.7**	**2.2**	**3.8**	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	---	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzene	5	5	<2	**1.4**	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	---	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	<10	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	<2	**4.7**	ns	<2.0	ns	<2.0	**2.1**	<2.0	**2.3**	**2.1**	<2.0
1,1-Dichloroethene	7	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	---	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	<10	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	<2	**2.4**	ns	<2.0	ns	<2.0	<2.0	<2.0	**2.2**	**2.4**	**2.1**
t-Butanol (TBA)	40	na	<10	---	ns	<10	ns	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	<2	**1.7**	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	---	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	<2	<2.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	<2	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µg/L)	na	na	**12.0**	**10.2**	ns	**7**	ns	**8**	**11**	**5**	**13**	**9**	**5**
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	<10	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	<10	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	<10	<5	ns	<10	ns	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	<10	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	<2	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	<25	<5	ns	<20	ns	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	<10	<10	ns	<10	ns	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	<10	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	<10	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ND	ND	ns	ND	ns	ND	ND	ND	ND	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	<0.0010	ns	0.0010	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**19**	ns	**14.2**	ns	**6.63**	**13.7**	**9.13**	**14.9**	**11**	**9.62**
Additional Metals (mg/L)													
Barium	2	na	ns	**0.041**	ns	**0.0199**	ns	**0.0286**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	ns	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	ns	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	ns	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	ns	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**1.1**	ns	**37.5**	ns	**36.4**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-104D Overburden										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	<1.0	ns	<0.4	ns	ns	ns	ns	ns	<2.0	<2.0
Trichloroethene	5	5	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10
Benzene	5	5	ns	<1.0	ns	<0.3	ns	ns	ns	ns	ns	<2.0	<2.0
Naphthalene	20	20	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
n-Butylbenzene	260	260	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
n-Propylbenzene	260	260	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	<1.0	ns	<0.4	ns	ns	ns	ns	ns	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10
Acetone	6,000	na	ns	<1.0	ns	<10	ns	ns	ns	ns	ns	<10	<10
Ethylbenzene	700	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
sec-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
t-Butanol (TBA)	40	na	ns	---	ns	<10	ns	ns	ns	ns	ns	<10	<10
t-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
o-Xylene		na	ns	<1.0	ns	<2.0	ns	ns	ns	ns	ns	<2.0	<2.0
Total VOCs (µg/L)	na	na	ns	ND	ns	ND	ns	ns	ns	ns	ns	ND	ND
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	ns	ns	ns	ns	ns	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<20	ns	ns	ns	ns	ns	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	ns	ns	ns	ns	ns	<10	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	ns	ns	ns	ns	ns	<10	<10
Total SVOCs (µg/L)	na	na	ns	ND	ns	ND	ns	ns	ns	ns	ns	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	**0.0011**	ns	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**0.630**	ns	**0.409**	ns	ns	ns	ns	ns	**0.227**	**0.27**
Additional Metals (mg/L)													
Barium	2	na	ns	**0.041**	ns	0.0063	ns	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	ns	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	ns	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	ns	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	ns	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	**0.10**	ns	**0.55**	ns	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-105S Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Benzene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Toluene	1,000	1,000	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Acetone	6,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Ethylbenzene	700	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
t-Butanol (TBA)	40	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
t-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
o-Xylene		na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Total VOCs (µ g/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ND	ND	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	ns	ns	ns	ns	ns	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	ns	ns	ns	ns	ns	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ND	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	ns	ns	ns	ns	ns	ns	ns	**34.4**	**4.13**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-105D Bedrock										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Benzene	5	5	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Toluene	1,000	1,000	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Acetone	6,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Ethylbenzene	700	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
t-Butanol (TBA)	40	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
t-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
o-Xylene		na	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ND	ND	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	ns	ns	ns	ns	ns	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	ns	ns	ns	ns	ns	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ND	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	ns	ns	ns	ns	ns	ns	ns	**2.39**	**4.39**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-201M Overburden												TRY_MW-201P Overburden	
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	May-07 DUP	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13	Jun-11 [3]	Jun-13 [4]
VOCs of Concern (µg/L)																
Tetrachloroethene	5	5	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Trichloroethene	5	5	**7**	**7.9**	ns	**6.2**	<4.0	<4.0	<2.0	<2.0	<10	**3.8**	<10	<10	<10	ns
cis-1,2-Dichloroethene	70	70	**38**	<1.0	ns	**297**	**242**	**249**	**485**	**617**	**576**	**639**	**660**	**533**	**608 J***	ns
Vinyl Chloride	2	2	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
1,2,4-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
1,3,5-Trimethylbenzene	330	330	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
2-Butanone(MEK)	4,000	4,000	---	<1.0	ns	<10	<20	<20	<10	<10	<50	<10	<50	<50	<50	ns
Benzene	5	5	<2	**1.1**	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Naphthalene	20	20	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	**4.4 J***	<10	<10	<10	ns
n-Butylbenzene	260	260	---	<1.0	ns	<2.0	<4.0	<4.0	**30**	<2.0	<10	<2.0	<10	<10	<10	ns
n-Propylbenzene	260	260	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
p-Isopropyltoluene (4-cymene)	260	260	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Tetrahydrofuran(THF)	154	154	<10	**1.9**	ns	<10	<20	<20	<10	<10	<50	<10	<50	<50	<50	ns
Toluene	1,000	1,000	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Additional VOCs (µg/L)																
1,1,1-Trichloroethane	200	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
1,1-Dichloroethane	81	na	**2.2**	**3.1**	ns	**5.9**	**4.5**	**4.7**	<2.0	<2.0	<10	**8.5**	<10	<10	<10	ns
1,1-Dichloroethene	7	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
1,2,4-Trichlorobenzene	70	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
1,2-Dichloroethane	5	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	**3.3**	<10	<10	<10	ns
1,4-Dichlorobenzene	75	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
2-Chlorotoluene	100	na	---	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	<1.0	ns	<10	<20	<20	<10	<10	<50	<10	<50	<50	<50	ns
Acetone	6,000	na	<10	<1.0	ns	<10	<20	<20	<10	<10	<50	<10	<50	<50	<50	ns
Ethylbenzene	700	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Isopropylbenzene (cumene)	800	na	**5.1**	**8.6**	ns	**3.6**	**4.5**	<4.0	<2.0	<2.0	<10	**3.5**	<10	<10	<10	ns
Methylene Chloride (Dichloromethane)	5	na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
sec-Butylbenzene	260	na	**8.1**	**12**	ns	**7.2**	**7.2**	**5.9**	**27**	<2.0	<10	**9.0**	<10	<10	**15 J***	ns
t-Butanol (TBA)	40	na	<10	---	ns	<10	<20	<20	<10	<10	<50	<10	<50	<50	<50	ns
t-Butylbenzene	260	na	<2	**2.0**	ns	<2.0	<4.0	<4.0	**4.9**	<2.0	<10	**2.8**	<10	<10	<10	ns
Trichlorofluoromethane	2,000	na	---	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
m/p-Xylene	10, 000 [1]	na	<2	<2.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
o-Xylene		na	<2	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	ns
Total VOCs (µ g/L)	na	na	**60**	**37**	ns	**320**	**258**	**260**	**547**	**617**	**576**	**674**	**660**	**533**	**623 J***	ns
1,4-Dioxane (µg/L)																
1,4-Dioxane	3	3	ns	ns	ns	**2.3**	ns	ns	**2.3**	ns	ns	**2.5**	ns	ns	**0.58**	ns
SVOCs of Concern (µg/L)																
Benzo(a)pyrene	0.2	0.2	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Benzo(b)fluoranthene	0.1	0.1	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	<10	<5	ns	<10	**464**	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**334 J***	ns
Dibenzo(a,h)anthracene	0.1	0.1	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Naphthalene	20	20	<2	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Pentachlorophenol	1	1	<25	<5	ns	<20	<20	<20	<20	<20	<20	<20	<20	ns [2]	<200	ns
Additional SVOCs (µg/L)																
3 & 4-Methylphenol	40	na	<10	<10	ns	<10	<10	<10	<10	<10	<10	<10	<10	ns [2]	<100	ns
Di-n-butylphthalate	na	na	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Di-n-octylphalate	na	na	<10	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<100	ns
Total SVOCs (µg/L)	na	na	ND	ND	ns	ND	**464**	ND	ND	ND	ND	ND	ND	ND	**334**	ns
Metals of Concern (mg/L)																
Arsenic	0.01	0.01	ns	<0.200	ns	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	<0.0010	ns
Manganese	0.84	0.3	ns	**0.350**	ns	**0.399**	**0.481**	**0.480**	**0.452**	**0.481**	**0.523**	**0.512**	**0.604**	**0.702**	**2.47**	ns
Additional Metals (mg/L)																
Barium	2	na	ns	<0.030	ns	**0.0277**	**0.0431**	**0.0437**	**0.0314**	ns	ns	ns	ns	ns	**0.0138**	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	<0.0020	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	<0.0050	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	<0.0010	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	<0.0050	ns
Iron	na	na	ns	**7.20**	ns	**7.63**	**7.91**	**7.91**	**9.19**	ns	ns	ns	ns	ns	**18.3**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-202S Overburden												TRY_MW-202P Overburden	
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Jun-09 DUP**	**Oct-09**	**Jun-11**	**Jun-13**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)																
Tetrachloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	**2.9**	ns
Vinyl Chloride	2	2	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Benzene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	**12**	ns
Toluene	1,000	1,000	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Additional VOCs (µg/L)																
1,1,1-Trichloroethane	200	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Acetone	6,000	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Ethylbenzene	700	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	**14**	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	**9.7**	ns
t-Butanol (TBA)	40	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<2.0	ns
t-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	**2.2**	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
o-Xylene		na	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	<2.0	ns
Total VOCs (µ g/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ND	ns	ns	ns	ns	**41**	ns
1,4-Dioxane (µg/L)																
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns	ns	ns	**0.41**	ns
SVOCs of Concern (µg/L)																
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	ns	ns	ns	ns	<5.0	ns	ns	ns	ns	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	ns	ns	ns	ns	<20	ns	ns	ns	ns	<20	ns
Additional SVOCs (µg/L)																
3 & 4-Methylphenol	40	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	ns	ns	ns	ns	<10	ns	ns	ns	ns	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ND	ns	ns	ns	ns	ND	ns
Metals of Concern (mg/L)																
Arsenic	0.01	0.01	ns	ns	ns	ns	ns	ns	ns	<0.0010	<0.0010	ns	ns	ns	<0.0010	ns
Manganese	0.84	0.3	ns	ns	ns	ns	ns	ns	ns	**0.128 J***	**0.091 J***	ns	ns	ns	**0.108**	ns
Additional Metals (mg/L)																
Barium	2	na	ns	ns	ns	ns	ns	ns	ns	**0.3441**	**0.2792**	ns	ns	ns	**0.0122**	ns
Cadmium	0.005	na	ns	ns	ns	ns	ns	ns	ns	<0.0020	<0.0020	ns	ns	ns	<0.0020	ns
Chromium	0.1	na	ns	ns	ns	ns	ns	ns	ns	<0.0050	<0.0050	ns	ns	ns	<0.0050	ns
Lead	0.015	na	ns	ns	ns	ns	ns	ns	ns	**0.0018**	**0.0013**	ns	ns	ns	<0.100	ns
Selenium	0.05	na	ns	ns	ns	ns	ns	ns	ns	<0.0050	<0.0050	ns	ns	ns	<0.0050	ns
Iron	na	na	ns	ns	ns	ns	ns	ns	ns	**7.66 J***	**5.25 J***	ns	ns	ns	**2.29**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-204 Overburden										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Trichloroethene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	<2.0	<10	<10	<10	<10	<10	ns
Benzene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Naphthalene	20	20	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	**9.4**	ns	<2.0	**6.7**	**3.0**	<2.0	<2.0	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	**4.8**	ns	<2.0	**2.7**	<2.0	<2.0	<2.0	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	**1.0**	ns	<2.0	<2.0	**4.1**	<2.0	<2.0	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	**8.5**	ns	<10	<2.0	<10	<10	<10	<10	<10	ns
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	<1.0	ns	<10	<10	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	**5.9**	<2.0	<10	<10	<10	<10	<10	ns
Acetone	6,000	na	ns	<1.0	ns	**6.1**	<2.0	<10	<10	<10	<10	<10	ns
Ethylbenzene	700	na	ns	**1.6**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	**13**	ns	<2.0	**10**	**3.9**	**5.1**	**2.7**	**4.2**	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	**9.7**	ns	<2.0	**8.1**	**6.7**	**7.7**	**4.7**	**6.5**	**4.1**	ns
t-Butanol (TBA)	40	na	ns	---	ns	<2.0	<2.0	<10	<10	<10	<10	<10	ns
t-Butylbenzene	260	na	ns	**1.5**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
o-Xylene		na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	**50**	ns	**12**	**28**	**18**	**13**	**7**	**11**	**4**	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	<10	<5.0	<5.0	<5.0	**28**	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Naphthalene	20	20	ns	**5.0**	ns	<10	<10	<10	<10	<10	<10	<10	ns
Pentachlorophenol	1	1	ns	<5	ns	<20	<20	<20	<20	<20	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<10	<10	<10	<10	<10	ns
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	**11**	<10	<10	<10	<10	ns
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	**5**	ns	ND	ND	**11**	ND	ND	**28**	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**8.5**	ns	**14.1**	**14.5**	**14.1**	**13.8**	**11.1**	**10.3**	**9.15**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	<0.030	ns	**0.0118**	**0.0112**	**0.0084**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**11**	ns	**12.3**	**11.5**	**25.80**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-205 Overburden																
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**Dec-06 DUP**	**May-07**	**Jun-08**	**Dec-08**	**Dec-08 DUP**	**Jun-09**	**Jun-09 DUP**	**Oct-09**	**Oct-09 DUP**	**Jun-11**	**Jun-11 DUP**	**Jun-13**	**Jun-13 DUP**
VOCs of Concern (µg/L)																			
Tetrachloroethene	5	5	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
Trichloroethene	5	5	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
cis-1,2-Dichloroethene	70	70	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,2,4-Trimethylbenzene	330	330	ns	**83**	ns	**195**	**201**	**294**	**314**	**159**	**172**	**444**	**435**	**477**	**522**	**394**	**423**	**222**	**212**
1,3,5-Trimethylbenzene	330	330	ns	**33**	ns	**77**	**73**	**92**	**186**	**120**	**125**	**223**	**216**	**154**	**183**	**203**	**213**	**44**	**39**
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<20	<20	<20	<10	<10	<10	<10	<10	<50	<50	<50	<50	<20	<20
Benzene	5	5	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	**2.6**	**2.6**	<2.0	<2.0	<10	<10	<10	<10	<4	<4
Naphthalene	20	20	ns	**13**	ns	**19**	**19**	**28**	**55**	**59**	**61**	**44**	**43**	**40**	**45**	**58**	**61**	**29**	**28**
n-Butylbenzene	260	260	ns	<1.0	ns	<2.0	<4.0	ns	**34**	<2.0	<2.0	<2.0	<2.0	<10	<10	**32**	**34**	<4	<4
n-Propylbenzene	260	260	ns	**11**	ns	**16**	**16**	**30**	**45**	**60**	**62**	**34**	**34**	**49**	**55**	**39**	**41**	**20**	**20**
p-Isopropyltoluene (4-cymene)	260	260	ns	**2.9**	ns	**9.2**	**8.5**	**17**	**26**	**11**	**12**	**29**	**28**	**31**	**33**	**22**	**25**	**10**	**9.6**
Tetrahydrofuran(THF)	154	154	ns	<1.0	ns	**10**	<20	<20	<10	<10	<10	<10	<10	<50	<50	<50	<50	<20	<20
Toluene	1,000	1,000	ns	**12.0**	ns	**40**	**80**	**117**	<2.0	**6.3**	**6.8**	<2.0	<2.0	<10	<10	<10	<10	<4	<4
Additional VOCs (µg/L)																			
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,1-Dichloroethane	81	na	ns	**2.7**	ns	**3.8**	<4.0	<4.0	<2.0	**3.5**	**3.5**	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,2-Dichloroethane	5	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	<20	<20	<10	<10	<10	<10	<10	<50	<50	<50	<50	<20	<20
Acetone	6,000	na	ns	<1.0	ns	<10	<20	<20	<10	**12**	**13**	<10	<10	<50	<50	<50	<50	<20	<20
Ethylbenzene	700	na	ns	**39**	ns	**55**	**55**	**74**	**93**	**127**	**130**	**78**	**77**	**123**	**122**	**92**	**95**	**47**	**44**
Isopropylbenzene (cumene)	800	na	ns	**21**	ns	**13**	**12**	**25**	**36**	**46**	**47**	**23**	**24**	**39**	**40**	**30**	**31**	**18**	**17**
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
sec-Butylbenzene	260	na	ns	**3.3**	ns	**5**	**4.5**	**15**	**23**	**25**	**26**	**20**	**20**	**22**	**23**	**18**	**20**	**8.1**	**7.7**
t-Butanol (TBA)	40	na	ns	---	ns	<10	<20	<20	<10	<10	<10	<10	<10	<50	<50	<50	<50	<20	<20
t-Butylbenzene	260	na	ns	**2.2**	ns	**2.2**	<4.0	<4.0	**6**	**7.4**	**7.5**	<2.0	<2.0	<10	<10	<10	<10	<4	<4
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<4.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<10	<4	<4
m/p-Xylene	10, 000 [1]	na	ns	**27**	ns	**42**	**47**	**96**	**88**	**101**	**108**	**141**	**137**	**185**	**189**	**97**	**96**	**49**	**46**
o-Xylene		na	ns	**21**	ns	**39**	**40**	**68**	**43**	**46**	**50**	**62**	**61**	**115**	**114**	**55**	**55**	<4	<4
Total VOCs (µg/L)	na	na	ns	**271**	ns	**526**	**556**	**856**	**949**	**786**	**826**	**1,096**	**1,075**	**1,235**	**1,326**	**1,040**	**1,094**	**447**	**423**
1,4-Dioxane (µg/L)																			
1,4-Dioxane	3	3	ns	ns	ns	<2.0	<2.0	ns	<2.0	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)																			
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<50	<40	<500	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<50	<40	<500	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	**510**	ns	**316**	**227**	**5070**	**35**	**49**	**38**	**10.0**	**7.8**	**37**	**40**	**8.4**	**9.3**	**21**	**26**
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<50	<40	<500	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<50	<40	**901**	**32**	**40**	**30**	**26**	**25**	**26**	**21**	**34**	**34**	**17**	**17**
Pentachlorophenol	1	1	ns	<5	ns	<100	<80	<1000	<20	<20	<20	<20	<20	<20	<20	<20	<20	ns [2]	ns [2]
Additional SVOCs (µg/L)																			
3 & 4-Methylphenol	40	na	ns	<10	ns	<50	<40	<500	<10	<10	<10	<10	<10	<10	<10	<10	<10	ns [2]	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<50	<40	<500	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	**72**	ns	<50	<40	**852**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	**582**	ns	**316**	**227**	**6,823**	**67**	**89**	**68**	**36**	**33**	**63**	**61**	**42**	**43**	**38**	**43**
Metals of Concern (mg/L)																			
Arsenic	0.01	0.01	ns	<0.200	ns	**0.0029**	**0.0031**	**0.0044**	**0.0044**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**1.10**	ns	**1.48**	**1.48**	**1.78**	**1.78**	**2.01**	**1.99**	**1.60**	**1.60**	**1.69**	**1.71**	**1.63**	**1.62**	**1.36**	**1.39**
Additional Metals (mg/L)																			
Barium	2	na	ns	**0.0650**	ns	**0.0912**	**0.0897**	**0.0721**	**0.0833**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	**0.0052**	0.0108	0.0153	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	**39.0**	ns	**36.8**	**38.7**	**94.0**	**124**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-301 Overburden									TRY_MW-301X Overburden	
Sampling Event Date			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	**1.2**	ns	<2.0	ns	<2.0	**3.1**	<2.0	**2.4**	**2.4**	**2.5**
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	**1.1**	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzene	5	5	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	<1.0	ns	<10	ns	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	**4.4**	ns	**4.5**	ns	**5**	**4.2**	**2.9**	**3.8**	**2.3**	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	**1.2**	ns	<2.0	ns	**2.6**	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	**5.8**	ns	**6.0**	ns	**19**	**11**	**4.3**	**13**	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	ns	<10	<2.0	<10	<10	<10	<10
Acetone	6,000	na	ns	<1.0	ns	<10	ns	<10	<2.0	<10	<10	<10	<10
Ethylbenzene	700	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	**2.7**	**4.5**	**5.2**
t-Butanol (TBA)	40	na	ns	---	ns	<10	ns	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	ns	<1.0	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µ g/L)	na	na	ns	**14**	ns	**11**	ns	**27**	**18**	**7**	**22**	**9**	**8**
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	**0.29**	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	**12**	ns	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<25	ns	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	ns	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	ns	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	ND	ns	**12**	ns	ND	ND	ND	ND	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	**0.0610**	ns	**0.0017**	ns	ns	ns	<0.001	ns
Manganese	0.84	0.3	ns	**7.8**	ns	**4.57**	ns	**4.32**	**4.78**	**6.35**	**6.85**	**1.47**	**0.651**
Additional Metals (mg/L)													
Barium	2	na	ns	**0.057**	ns	**0.2951**	ns	**0.0558**	ns	ns	ns	**0.0125**	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	ns	<0.0020	ns	ns	ns	<0.002	ns
Chromium	0.1	na	ns	<0.030	ns	0.0394	ns	<0.0050	ns	ns	ns	<0.005	ns
Lead	0.015	na	ns	<0.100	ns	**0.0370**	ns	<0.0010	ns	ns	ns	<0.001	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	ns	<0.0050	ns	ns	ns	<0.005	ns
Iron	na	na	ns	**62**	ns	**107**	ns	**61.2**	ns	ns	ns	**1.56**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-501 Overburden													TRY_MW-501X Overburden	
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Jun-08 DUP**	**Dec-08**	**Dec-08 DUP**	**Jun-09**	**Jun-09 DUP**	**Oct-09**	**Oct-09 DUP**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)																	
Tetrachloroethene	5	5	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	**40**	**29**	**24**	**12**	**19**	**21**	**14**	**14**	**8.7**	**8.9**	**5.2**	**6.4**	**2**	<2.0
Vinyl Chloride	2	2	ns	<1.0	<2.0	<2.0	<2.0	**2.5**	**2.6**	<2.0	<2.0	<2.0	<2.0	**3.4**	**4.0**	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	**2.1**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<10
Benzene	5	5	ns	**1.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	ns	**1.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	**2.8**	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	<1.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)																	
1,1,1-Trichloroethane	200	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	<1.0	**5.0**	<2.0	**3.3**	**4.1**	**3.9**	**2.4**	**2.4**	**2.1**	**2.1**	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	<2.0	**3.2**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	**2**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	<2.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	ns	<1.0	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**50**
Ethylbenzene	700	na	ns	**8.8**	**8.0**	**5.7**	**2.9**	**3.6**	**3.9**	**3.3**	**3.5**	**3.0**	**3.3**	**2.7**	**3.0**	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	ns	**3.7**	**3.7**	**3.2**	**2.7**	**3.4**	**3.9**	**2.5**	**2.7**	**3.6**	**3.9**	**3.6**	**3.7**	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	**3.1**	**3.1**	**3.0**	**2.5**	**4.7**	**5.2**	**3.3**	**3.6**	**4.4**	**4.8**	**4.6**	**4.2**	<2.0	<2.0
t-Butanol (TBA)	40	na	ns	---	---	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	ns	**1.6**	**1.6**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**2.0**	**2.0**	**2.1**	**2.1**	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	ns	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µ g/L)	na	na	ns	**66**	**63**	**39**	**23**	**37**	**41**	**26**	**26**	**24**	**25**	**22**	**23**	**14**	**50**
1,4-Dioxane (µg/L)																	
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	**0.39**	ns
SVOCs of Concern (µg/L)																	
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	**10**	ns	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)																	
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**11**	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	**10**	ns	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**11**	ND
Metals of Concern (mg/L)																	
Arsenic	0.01	0.01	ns	<0.200	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns	<0.001	ns
Manganese	0.84	0.3	ns	**14**	**13.4**	**13.5**	**2.56**	**12.7**	**12.5**	**12**	**12.3**	**9.82**	**9.91**	**9.78**	**9.57**	**5.24**	**1.93**
Additional Metals (mg/L)																	
Barium	2	na	ns	**0.0450**	**0.0577**	**0.0504**	**0.535**	**0.0585**	**0.0593**	ns	ns	ns	ns	ns	ns	**0.0458**	ns
Cadmium	0.005	na	ns	<0.030	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	ns	<0.002	ns
Chromium	0.1	na	ns	<0.030	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns	<0.005	ns
Lead	0.015	na	ns	<0.100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns	**0.0017**	ns
Selenium	0.05	na	ns	<0.100	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns	<0.005	ns
Iron	na	na	ns	**47**	**63.4**	**130.0**	**130**	**62**	**61.1**	ns	ns	ns	ns	ns	ns	**64.4**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-508 Overburden									TRY_MW-508X Overburden	
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Benzene	5	5	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Toluene	1,000	1,000	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Acetone	6,000	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Ethylbenzene	700	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
t-Butanol (TBA)	40	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
t-Butylbenzene	260	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
o-Xylene		na	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ND	ND	ND	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	<2.0	ns	<2.0	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	ns	ns	ns	ns	<5.0	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Naphthalene	20	20	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	ns	ns	ns	ns	<20	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	ns	ns	ns	ns	<10	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ND	ND	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	ns	ns	ns	ns	ns	ns	<0.0010	ns	<0.001	ns
Manganese	0.84	0.3	ns	ns	ns	ns	ns	ns	ns	**0.057**	**0.058**	**0.353**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	ns	ns	ns	ns	ns	ns	**0.0529**	ns	**0.0357**	ns
Cadmium	0.005	na	ns	ns	ns	ns	ns	ns	ns	<0.0020	ns	<0.002	ns
Chromium	0.1	na	ns	ns	ns	ns	ns	ns	ns	<0.0050	ns	<0.005	ns
Lead	0.015	na	ns	ns	ns	ns	ns	ns	ns	**0.0011**	ns	<0.001	ns
Selenium	0.05	na	ns	ns	ns	ns	ns	ns	ns	<0.0050	ns	<0.005	ns
Iron	na	na	ns	ns	ns	ns	ns	ns	ns	**2.45**	ns	**1.47**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-601S Overburden											
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Jun-09 DUP**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)														
Tetrachloroethene	5	5	ns	<1.0	ns	<0.4	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	**3.1**	ns	<2.0	<2.0	**2.1**	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Benzene	5	5	ns	<1.0	ns	<0.3	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Naphthalene	20	20	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	ns	**6.4**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	**1.4**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	**9.9**	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Additional VOCs (µg/L)														
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	<1.0	ns	<0.4	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Acetone	6,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Ethylbenzene	700	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	ns	**12**	ns	<2.0	<2.0	**4.5**	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	**9.6**	ns	<2.0	<2.0	**10**	**3.8**	**4.0**	ns	**3.2**	**6.1**	**3.5**
t-Butanol (TBA)	40	na	ns	---	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
t-Butylbenzene	260	na	ns	**1.5**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
o-Xylene		na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	ns	<2.0	<2.0	<2.0
Total VOCs (µ g/L)	na	na	ns	**44**	ns	ND	ND	**17**	**4**	**4**	ns	**3**	**6**	**4**
1,4-Dioxane (µg/L)														
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	<2.0	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)														
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	**11**	<5.0	<5.0	<5.0	ns	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<25	<20	<20	<20	<20	ns	<20	<20	ns [2]
Additional SVOCs (µg/L)														
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<10	<10	<10	ns	<10	<10	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	ns	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	ND	ns	ND	**11**	ND	ND	ND	ns	ND	ND	ND
Metals of Concern (mg/L)														
Arsenic	0.01	0.01	ns	<0.200	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**5.2**	ns	**9.85**	**9.450**	**15.7**	**14.5**	**13.8**	ns	**10.7**	**10.8**	**8.02**
Additional Metals (mg/L)														
Barium	2	na	ns	<0.030	ns	**0.0089**	**0.0525**	**0.0109**	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	0.0071	<0.0050	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	0.0027	<0.0010	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	**0.055**	ns	**0.124**	**7.360**	**0.196**	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-601D Overburden										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	**1.4**	ns	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	**1.2**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	9.4	ns	**8.7**	**11**	**11**	**15**	**12**	**14**	**14**	**12**
Vinyl Chloride	2	2	ns	**1.6**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	**59**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	5	5	ns	**3.2**	ns	**2.6**	**3**	**2.5**	**2.2**	<2.0	**2.5**	<2.0	<2.0
Naphthalene	20	20	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	**3.9 J***	<2.0	<2.0
n-Butylbenzene	260	260	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	**12.0**	ns	**8.4**	**11**	**5.9**	**4.5**	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	**9.5**	ns	<10	<10	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	<1.0	ns	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	ns	**1.1**	ns	<10	<10	<10	<10	<10	**20**	<10	<10
Ethylbenzene	700	na	ns	**51**	ns	**29**	**39**	**31**	**21**	**8.5**	**8.5**	**7.6**	<2.0
Isopropylbenzene (cumene)	800	na	ns	**18**	ns	**9.4**	**16**	**11**	**10**	**6.8**	**13**	**10**	**10**
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	**1.4**	ns	<2.0	**2.2**	**11**	<2.0	<2.0	**2.8**	**2.2**	**2.5**
t-Butanol (TBA)	40	na	ns	---	ns	<10	<10	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	ns	**1.2**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µg/L)	na	na	ns	**111**	ns	**117**	**82**	**72**	**53**	**27**	**65**	**34**	**25**
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	<2.0	ns	<2.0	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<25	<20	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	ND	ns	ND	ND	ND	ND	ND	ND	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	**0.0014**	ns	**0.0014**	**0.0012**	**0.0012**	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**0.884**	ns	**0.884**	**0.821**	**0.821**	**0.935**	**0.901**	**0.939**	**1.03**	**1.18**
Additional Metals (mg/L)													
Barium	2	na	ns	<0.030	ns	**0.0148**	**0.0161**	**0.013**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**1.8**	ns	**2.26**	**1.72**	**2.32**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-602S Overburden											
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**Dec-06 DUP**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)														
Tetrachloroethene	5	5	ns	<1.0	ns	<0.4	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	<1.0	ns	<2.0	**2.1**	**3.6**	**11**	**9.0**	<2.0	**3.4**	<2.0	<2.0
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	**71**	ns	**41**	**57**	**38**	<2.0	**626**	**81**	**297**	**4.5**	<2.0
1,3,5-Trimethylbenzene	330	330	ns	<1.0	ns	**38**	**49**	**16**	**112**	**243**	**15**	**87**	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10
Benzene	5	5	ns	<1.0	ns	<0.3	<0.3	<2.0	**2.5**	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	ns	**9.2**	ns	<2.0	<2.0	**2.7**	<2.0	**52**	**5.2**	**25 J***	<2.0	<2.0
n-Butylbenzene	260	260	ns	**43**	ns	<2.0	**8.9**	**6.2**	<2.0	<2.0	**8.1**	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	**16**	ns	<2.0	<2.0	**4.2**	**20**	**86**	<2.0	**36**	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	**26**	ns	**7.8**	**8.6**	<2.0	<2.0	**32**	**2.4**	**14**	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	**25**	**72**	**1040**	**998**	**53**	**313**	<2.0	<2.0
Additional VOCs (µg/L)														
1,1,1-Trichloroethane	200	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	**4.7**	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<2.0	<2.0	**358**	**2.1**	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	<1.0	ns	<0.4	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	ns	**2.0**	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	na	ns	**32**	ns	**5.4**	**8.3**	**16**	**111**	**184**	**21**	**84**	**4.6**	<2.0
Isopropylbenzene (cumene)	800	na	ns	**13**	ns	<2.0	<2.0	**3.8**	<2.0	**58**	**6.3**	**27**	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	**17**	ns	**2.2**	**2.4**	**2.9**	<2.0	**28**	**4**	**19**	<2.0	<2.0
t-Butanol (TBA)	40	na	ns	---	ns	<10	<10	<10	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	ns	**2.8**	ns	<2.0	<2.0	<2.0	<2.0	**4.9**	<2.0	**3.4**	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	**88**	ns	**14**	**22**	**21**	**236**	**313**	**24**	**117**	<2.0	<2.0
o-Xylene		na	ns	**83**	ns	**11**	**16**	**27**	**202**	**209**	**22**	**80**	<2.0	<2.0
Total VOCs (µg/L)	na	na	ns	**403**	ns	**119**	**199**	**213**	**2,093**	**2,850**	**242**	**1,106**	**9**	ND
1,4-Dioxane (µg/L)														
1,4-Dioxane	3	3	ns	ns	ns	<2.0	<2.0	ns	<2.0	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)														
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<50	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<50	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	<10	**403**	**34**	**38**	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<50	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	<5	ns	<10	<10	<50	**11**	**35**	<10	**12**	<10	<10
Pentachlorophenol	1	1	ns	<5	ns	<20	<20	<100	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)														
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<50	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	<50	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<50	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	ND	ns	ND	ND	**403**	**45**	**73**	ND	**12**	ND	ND
Metals of Concern (mg/L)														
Arsenic	0.01	0.01	ns	<0.200	ns	**0.001**	**0.001**	<0.0010	0.0031	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**4.7**	ns	**3.93**	**4.05**	**2.910**	**9.42**	**10.3**	**2.18**	**7.79**	**0.337**	**0.076**
Additional Metals (mg/L)														
Barium	2	na	ns	**0.36**	ns	**0.0573**	**0.0565**	**0.0796**	**0.0272**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	0.0014	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**34**	ns	**24.1**	**26.4**	**22.70**	**105**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-602B Bedrock										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	<1.0	ns	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Trichloroethene	5	5	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	**10**	ns	**3.0**	**2.1**	**2.6**	<2.0	<2.0	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	**47**	ns	**2**	**6.8**	**23**	<2.0	**6.9**	<2.0	**19**	ns
1,3,5-Trimethylbenzene	330	330	ns	**11**	ns	**4.1**	**4.9**	<2.0	<2.0	<2.0	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	ns
Benzene	5	5	ns	**1.6**	ns	<0.3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Naphthalene	20	20	ns	**19**	ns	**9.5**	**8.1**	**6.8**	<2.0	<2.0	**4.8 J***	<2.0	ns
n-Butylbenzene	260	260	ns	**7.4**	ns	**4.7**	**2.8**	**8.1**	<2.0	<2.0	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	**9.6**	ns	**4.7**	**4.8**	**10**	<2.0	<2.0	<2.0	**3.3**	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	<1.0	ns	<2.0	**3**	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	**42**	ns	<10	<10	<10	<10	<10	<10	<10	ns
Toluene	1,000	1,000	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	**1.2**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	**2.0**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	<1.0	ns	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	ns
Acetone	6,000	na	ns	<1.0	ns	<10	<10	<10	<10	<10	<10	<10	ns
Ethylbenzene	700	na	ns	**17**	ns	**5.2**	**5.9**	**14**	**21**	<2.0	<2.0	**3.4**	ns
Isopropylbenzene (cumene)	800	na	ns	**13**	ns	**6.9**	**6.8**	**11**	**10**	2.0	<2.0	**3.3**	ns
Methylene Chloride (Dichloromethane)	5	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	**9.8**	ns	**11**	**11**	**19**	**10**	**11**	**11**	**13**	ns
t-Butanol (TBA)	40	na	ns	---	ns	<10	<10	<10	<10	<10	<10	<10	ns
t-Butylbenzene	260	na	ns	**1.4**	ns	<2.0	<2.0	**2.7**	<2.0	**2.0**	**2.3**	**2.5**	ns
Trichlorofluoromethane	2,000	na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	**5.5**	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
o-Xylene		na	ns	<1.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	**198**	ns	**51**	**56**	**97**	**41**	**22**	**18**	**45**	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	<2.0	ns	<2.0	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	<5	ns	<10	<10	<5.0	<5.0	<5.0	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Naphthalene	20	20	ns	**10**	ns	<10	<10	<10	<10	<10	<10	<10	ns
Pentachlorophenol	1	1	ns	<5	ns	<25	<20	<20	<20	<20	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	<10	ns	<10	<10	<10	<10	<10	<10	<10	ns
Di-n-butylphthalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Di-n-octylphalate	na	na	ns	<5	ns	<10	<10	<10	<10	<10	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	**10**	ns	ND	ND	ND	ND	ND	ND	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	<0.200	ns	**0.0041**	**0.0034**	**0.0024**	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	**9.3**	ns	**8.44**	**6.910**	**8.52**	**7.65**	**7.16**	**6.58**	**6.67**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	<0.030	ns	**0.0266**	**0.0269**	**0.0298**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	<0.030	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	<0.030	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	<0.100	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	<0.100	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	**12**	ns	**8.48**	**6.3**	**9.53**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-701 Bedrock										
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichloroethene	5	5	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	70	70	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vinyl Chloride	2	2	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzene	5	5	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Naphthalene	20	20	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Butylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
n-Propylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Tetrahydrofuran(THF)	154	154	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Toluene	1,000	1,000	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethane	81	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,1-Dichloroethene	7	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,2-Dichloroethane	5	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
1,4-Dichlorobenzene	75	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
2-Chlorotoluene	100	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Acetone	6,000	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Ethylbenzene	700	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Isopropylbenzene (cumene)	800	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
t-Butanol (TBA)	40	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
t-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Trichlorofluoromethane	2,000	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene		na	ns	ns	ns	<2.0	ns	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total VOCs (µg/L)	na	na	ns	ns	ns	ND	ns	ND	ND	ND	ND	ND	ND
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	<10	ns	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Naphthalene	20	20	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Pentachlorophenol	1	1	ns	ns	ns	<25	ns	<20	<20	<20	<20	<20	ns [2]
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	ns [2]
Di-n-butylphthalate	na	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	ns	ns	ns	<10	ns	<10	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ns	ns	ns	ND	ns	ND	ND	ND	ND	ND	ND
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	ns	ns	**0.0010**	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns
Manganese	0.84	0.3	ns	ns	ns	**0.037**	**0.023**	**0.018**	**0.025**	**0.020**	**0.020**	**0.016**	**0.019**
Additional Metals (mg/L)													
Barium	2	na	ns	ns	ns	**0.0101**	**0.0093**	**0.0129**	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	ns	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Lead	0.015	na	ns	ns	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns
Iron	na	na	ns	ns	ns	**0.244**	**0.088**	**<0.050**	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-702S Overburden									TRY_MW-702SX Overburden	
Sampling Event Date			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
VOCs of Concern (µg/L)													
Tetrachloroethene	5	5	ns	ns	ns	<0.4	ns	<2.0	ns	ns	<2.0	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Vinyl Chloride	2	2	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Benzene	5	5	ns	ns	ns	<0.3	ns	<2.0	ns	ns	<2.0	<2.0	ns
Naphthalene	20	20	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Toluene	1,000	1,000	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Additional VOCs (µg/L)													
1,1,1-Trichloroethane	200	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Acetone	6,000	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Ethylbenzene	700	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
t-Butanol (TBA)	40	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
t-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
o-Xylene		na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	ns
Total VOCs (µg/L)	na	na	ns	ns	ns	ND	ns	ND	ns	ns	ND	ND	ns
1,4-Dioxane (µg/L)													
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	ns
SVOCs of Concern (µg/L)													
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	<10	ns	<5.0	ns	ns	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Naphthalene	20	20	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	<25	ns	<20	ns	ns	<20	<20	ns
Additional SVOCs (µg/L)													
3 & 4-Methylphenol	40	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ND	ns	ND	ns	ns	ND	ND	ns
Metals of Concern (mg/L)													
Arsenic	0.01	0.01	ns	ns	ns	**0.0010**	<0.0010	<0.0010	ns	ns	ns	<0.0010	ns
Manganese	0.84	0.3	ns	ns	ns	**1.45**	**0.555**	**0.254**	ns	ns	**0.185**	**0.039**	ns
Additional Metals (mg/L)													
Barium	2	na	ns	ns	ns	**0.0227**	**0.0272**	**0.0423**	ns	ns	ns	**0.0222**	ns
Cadmium	0.005	na	ns	ns	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	<0.0020	ns
Chromium	0.1	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	<0.0050	ns
Lead	0.015	na	ns	ns	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	<0.0010	ns
Selenium	0.05	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	<0.0050	ns
Iron	na	na	ns	ns	ns	**3.06**	**2.220**	**0.281**	ns	ns	ns	**0.112**	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID	NH AGQS	ROD ICL	TRY_MW-702D														
Geological Unit of Well Screen			Bedrock														
Sampling Event Date			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09, 25.9'	Oct-09, 35.9'	Oct-09, 44.4'	Apr-10, 25.9'	Apr-10, 25.9' DUP	Jun-11	Jun-13
VOCs of Concern (µg/L)																	
Tetrachloroethene	5	5	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Trichloroethene	5	5	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
cis-1,2-Dichloroethene	70	70	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Vinyl Chloride	2	2	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,2,4-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,3,5-Trimethylbenzene	330	330	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
2-Butanone(MEK)	4,000	4,000	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	ns	ns	<10	ns
Benzene	5	5	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Naphthalene	20	20	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
n-Butylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
n-Propylbenzene	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
p-Isopropyltoluene (4-cymene)	260	260	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Tetrahydrofuran(THF)	154	154	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	ns	ns	<10	ns
Toluene	1,000	1,000	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Additional VOCs (µg/L)																	
1,1,1-Trichloroethane	200	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,1-Dichloroethane	81	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,1-Dichloroethene	7	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,2,4-Trichlorobenzene	70	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,2-Dichloroethane	5	na	ns	ns	ns	<0.4	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
1,4-Dichlorobenzene	75	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
2-Chlorotoluene	100	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
4-Methyl-2-pentanone (MIBK)	2,000	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	ns	ns	<10	ns
Acetone	6,000	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	ns	ns	<10	ns
Ethylbenzene	700	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Isopropylbenzene (cumene)	800	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Methylene Chloride (Dichloromethane)	5	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
sec-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
t-Butanol (TBA)	40	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	ns	ns	<10	ns
t-Butylbenzene	260	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Trichlorofluoromethane	2,000	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
m/p-Xylene	10, 000 [1]	na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
o-Xylene		na	ns	ns	ns	<2.0	ns	<2.0	ns	ns	<2.0	<2.0	<2.0	ns	ns	<2.0	ns
Total VOCs (µ g/L)	na	na	ns	ns	ns	ND	ns	ND	ns	ns	ND	ND	ND	ND	ND	ND	ns
1,4-Dioxane (µg/L)																	
1,4-Dioxane	3	3	ns	ns	ns	ns	ns	ns	ns	ns	<2.0	<2.0	<2.0			ns	ns
SVOCs of Concern (µg/L)																	
Benzo(a)pyrene	0.2	0.2	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Benzo(b)fluoranthene	0.1	0.1	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Bis[Di](2-ethylhexyl) phthalate	6	6	ns	ns	ns	<10	ns	<5.0	ns	ns	**14 J***	<5.0	<5.0	<5.0	<5.0	<5.0	ns
Dibenzo(a,h)anthracene	0.1	0.1	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Naphthalene	20	20	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Pentachlorophenol	1	1	ns	ns	ns	<25	ns	<20	ns	ns	<20	<20	<20	<20	<20	<20	ns
Additional SVOCs (µg/L)																	
3 & 4-Methylphenol	40	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Di-n-butylphthalate	na	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Di-n-octylphalate	na	na	ns	ns	ns	<10	ns	<10	ns	ns	<10	<10	<10	<10	<10	<10	ns
Total SVOCs (µg/L)	na	na	ns	ns	ns	ND	ns	ND	ns	ns	**14**	ND	ND	ND	ND	ND	ns
Metals of Concern (mg/L)																	
Arsenic	0.01	0.01	ns	ns	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns	ns	ns	ns
Manganese	0.84	0.3	ns	ns	ns	<0.010	<0.010	<0.010	ns	ns	**0.118**	**0.198**	**0.720**	ns	ns	**0.012**	ns
Additional Metals (mg/L)																	
Barium	2	na	ns	ns	ns	<0.0050	0.0050	<0.0050	ns	ns	ns	ns	ns	ns	ns	ns	ns
Cadmium	0.005	na	ns	ns	ns	<0.0020	<0.0020	<0.0020	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chromium	0.1	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lead	0.015	na	ns	ns	ns	<0.0010	<0.0010	<0.0010	ns	ns	ns	ns	ns	ns	ns	ns	ns
Selenium	0.05	na	ns	ns	ns	<0.0050	<0.0050	<0.0050	ns	ns	ns	ns	ns	ns	ns	ns	ns
Iron	na	na	ns	ns	ns	**0.066**	**0.067**	**0.077**	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-801 Overburden		TRY_MW-802 Overburden		TRY_MW-803 Overburden		TRY_MW-804 Overburden				TRY_MW-805 Overburden		TRY_MW-A28 Overburden
Sampling Event Date			**Jun-11**	**Jun-13**	**Jun-11**	**Jun-13**	**Jun-11**	**Jun-13**	**Jun-11**	**Jun-11 DUP**	**Jun-13**	**Jun-13 DUP**	**Jun-11**	**Jun-13**	**Jun-13**
VOCs of Concern (µg/L)															
Tetrachloroethene	5	5	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
Trichloroethene	5	5	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
cis-1,2-Dichloroethene	70	70	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
Vinyl Chloride	2	2	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,2,4-Trimethylbenzene	330	330	<2.0	<2.0	**148 J***	**7**	**12**	**664**	**412**	**415**	**223**	**211**	**509**	**353**	**18**
1,3,5-Trimethylbenzene	330	330	<2.0	<2.0	**12 J***	<2.0	**5**	**222**	**97**	**97**	**70**	**67**	**218**	**43**	**15**
2-Butanone(MEK)	4,000	4,000	<10	<10	<10	<10	<10	<50	<50	<50	<20	<20	<50	<20	<10
Benzene	5	5	<2.0	<2.0	<2.0	<10	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
Naphthalene	20	20	<2.0	<2.0	**8.4 J***	**2.3**	**2**	**42**	**41**	**44**	**18**	**17**	**36**	**29**	<2.0
n-Butylbenzene	260	260	<2.0	<2.0	**11 J***	<2.0	**2.5**	<10	**48**	**47**	<4.0	<4.0	**46**	<4.0	<2.0
n-Propylbenzene	260	260	<2.0	<2.0	**17 J***	<2.0	<2.0	**61**	**58**	**56**	**36**	**34**	**69**	**39**	<2.0
p-Isopropyltoluene (4-cymene)	260	260	<2.0	<2.0	**7.9 J***	**3.7**	<2.0	**24**	**28**	**28**	**19**	**18**	**37**	**20**	<2.0
Tetrahydrofuran(THF)	154	154	<10	<10	<10	<10	<10	<50	<50	<50	<20	<20	<50	<20	<10
Toluene	1,000	1,000	<2.0	<2.0	<2.0	<2.0	**2**	**118**	<10	<10	<4.0	<4.0	**248**	**10**	<2.0
Additional VOCs (µg/L)															
1,1,1-Trichloroethane	200	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,1-Dichloroethane	81	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,1-Dichloroethene	7	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,2,4-Trichlorobenzene	70	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,2-Dichloroethane	5	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
1,4-Dichlorobenzene	75	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
2-Chlorotoluene	100	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
4-Methyl-2-pentanone (MIBK)	2,000	na	<10	<10	<10	<10	<10	<50	<50	<50	<20	<20	<50	<20	<10
Acetone	6,000	na	<10	<10	<10	<10	<10	<50	<50	<50	<20	<20	<50	<20	<10
Ethylbenzene	700	na	**3.6**	<2.0	**27 J***	<2.0	**2.9**	**209**	**75**	**76**	**59**	**56**	**117**	**70**	<2.0
Isopropylbenzene (cumene)	800	na	**3.9**	<2.0	**11 J***	**2.3**	<2.0	**47**	**32**	**34**	**20**	**19**	**46**	**26**	<2.0
Methylene Chloride (Dichloromethane)	5	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
sec-Butylbenzene	260	na	<2.0	**6.3**	**10 J***	**5.9**	<2.0	**18**	**35**	**34**	**17**	**16**	**31**	**20**	<2.0
t-Butanol (TBA)	40	na	<10	<10	<10	<10	<10	<50	<50	<50	<20	<20	<50	<20	<10
t-Butylbenzene	260	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
Trichlorofluoromethane	2,000	na	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<10	<10	<4.0	<4.0	<10	<4.0	<2.0
m/p-Xylene	10, 000 [1]	na	<2.0	<2.0	**16 J***	<2.0	**4.5**	**336**	**54**	**55**	**49**	**48**	**177**	**119**	<2.0
o-Xylene		na	<2.0	<2.0	**2.8 J***	<2.0	**3.4**	**276**	**26**	**27**	**40**	**39**	**123**	**48**	<2.0
Total VOCs (µ g/L)	na	na	**8**	**6**	**271 J***	**21**	**34**	**2,017**	**906**	**913**	**551**	**525**	**1,657**	**777**	**33**
1,4-Dioxane (µg/L)															
1,4-Dioxane	3	3	<2.0	*ns*	<2.0	*ns*	<2.0	*ns*	**0.53**	**0.52**	*ns*	*ns*	<2.0	*ns*	*ns*
SVOCs of Concern (µg/L)															
Benzo(a)pyrene	0.2	0.2	<10	<10	<10	<10	<10	<10	<200	<200	<10	<10	<10	<10	<10
Benzo(b)fluoranthene	0.1	0.1	<10	<10	<10	<10	<10	<10	<200	<200	<10	<10	<10	<10	<10
Bis[Di](2-ethylhexyl) phthalate	6	6	<5.0	<5.0	<5.0	<5.0	<5.0	**32**	**990**	**818**	**67**	**68**	<5.0	<5.0	**11**
Dibenzo(a,h)anthracene	0.1	0.1	<10	<10	<10	<10	<10	<10	<200	<200	<10	<10	<10	<10	<10
Naphthalene	20	20	<10	<10	<10	<10	<10	**27**	<200	<200	<10	<10	**20**	**20**	<10
Pentachlorophenol	1	1	<20	*ns* [2]	<20	*ns* [2]	<20	*ns* [2]	<400	<400	*ns* [2]	*ns* [2]	<20	*ns* [2]	*ns* [2]
Additional SVOCs (µg/L)															
3 & 4-Methylphenol	40	na	<10	*ns* [2]	<10	*ns* [2]	**11**	*ns* [2]	<200	<200	*ns* [2]	*ns* [2]	<10	*ns* [2]	*ns* [2]
Di-n-butylphthalate	na	na	<10	<10	<10	<10	<10	<10	<200	<200	<10	<10	<10	<10	<10
Di-n-octylphalate	na	na	<10	<10	<10	<10	<10	<10	<200	<200	<10	<10	<10	<10	<10
Total SVOCs (µg/L)	na	na	ND	ND	ND	ND	**11**	**59**	**990**	**818**	**67**	**68**	**20**	**20**	**11**
Metals of Concern (mg/L)															
Arsenic	0.01	0.01	**0.0017**	*ns*	**0.0015**	*ns*	**0.0013**	*ns*	<0.0010	<0.0010	*ns*	*ns*	**0.0019**	*ns*	*ns*
Manganese	0.84	0.3	**6.530**	**7.31**	**1.220**	**2.88**	**2.420**	**3.15**	**6.350**	**6.440**	**5.96**	**5.83**	**2.630**	**3.15**	**0.689**
Additional Metals (mg/L)															
Barium	2	na	**0.0233**	*ns*	**0.0605**	*ns*	**0.0124**	*ns*	**0.0752**	**0.0725**	*ns*	*ns*	**0.0335**	*ns*	*ns*
Cadmium	0.005	na	<0.0020	*ns*	<0.0020	*ns*	<0.0020	*ns*	<0.0020	<0.0020	*ns*	*ns*	<0.0020	*ns*	*ns*
Chromium	0.1	na	<0.0050	*ns*	<0.0050	*ns*	<0.0050	*ns*	<0.0050	<0.0050	*ns*	*ns*	<0.0050	*ns*	*ns*
Lead	0.015	na	<0.0010	*ns*	<0.0010	*ns*	<0.0010	*ns*	<0.0010	<0.0010	*ns*	*ns*	<0.0010	*ns*	*ns*
Selenium	0.05	na	<0.0050	*ns*	<0.0050	*ns*	<0.0050	*ns*	<0.0050	<0.0050	*ns*	*ns*	<0.0050	*ns*	*ns*
Iron	na	na	**19.3**	*ns*	**19.5**	*ns*	**123**	*ns*	**71.6**	**72.2**	*ns*	*ns*	**95.4**	*ns*	*ns*

TABLE 6A - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

TABLE KEY:
AGQS = Ambient Groundwater Quality Standards included in Env-Or 600 - Contaminated Site Management (Env-Or 603.3)
ROD ICL = Record of Decision, Interim Cleanup Levels
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
µg/L = micrograms per liter
mg/L = milligrams per liter
na = no standard applies.
ns = not sampled.
< = analyte not detected above the laboratory reporting limit
J = estimated concentration qualified by the laboratory (NHDPHS, EPA, or Microseeps) or by the Environmental Data Services, see laboratory report for explanation
J* = estimated concentration qualified by GZA due to observed field conditions
"---" = available historical data is unclear as to whether the parameter was not sampled, or sampled but not detected.

GENERAL NOTES:
1. The analytical test methods for each compound analyzed during the 2013 monitoring round are as follows: VOCs by SW-846 8260B, SVOCs by Method SW-846 8270C, and Metals by EPA 200.7/200.8.
2. Groundwater samples collected during June 2013 were collected using bladder pumps and dedicated tubing, with the exception of TRY_MW-A28, which was sampled using a peristaltic pump and dedicated tubing.
3. **Bold** indicates that the concentration was detected above the laboratory reporting detection limit. Shading indicates that the concentration exceeds the AGQS and/or ROD ICL.

SPECIFIC NOTES:
1. The individual xylene isomers (m/p-xylene and o-xylene) do not have separate AGQS values; the AGQS for xylene (mixed isomers) is 10,000 µg/L.
2. Groundwater samples submitted to the laboratory for SVOC analyses were not analyzed for the acid fraction compounds in 2013 due to an error on the chain of custody in the SAP.
3. VOC, sVOC, and 1,4-dioxane data collected on June 15, 2011 at well TRY_MW-201P should be considered estimated since LNAPL was observed coating the pump and tubing when removed from the well.
4. Well TRY_MW-201P had LNAPL observed during the June 2013 groundwater level round; therefore, it was not sampled during the monitoring round.

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_M-1 Overburden Jun-11	Jun-13	TRY_M-2 Overburden Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory															
Methane (µg/L)	na	na	**1400**	ns	ns	ns	ns	**400**	**610**	**420**	**870**	**39**	**1,200**	**550**	ns
Ethane (µg/L)	na	na	**0.058**	ns	ns	ns	ns	<10	<10	<0.025	**0.029**	< 0.025	0.014 J	<0.025	ns
Ethene (µg/L)	na	na	**0.044**	ns	ns	ns	ns	<10	<10	**0.016**	**0.052**	**0.030**	**0.056**	**0.060**	ns
Alkalinity (mg/L)	na	na	**72.4**	ns	ns	**140**	ns	**77.7**	ns	**92.9**	**107**	**53.0**	**62.0**	**49.6**	ns
Chloride (mg/L)	na	na	**5**	ns	ns	**10**	ns	**3.0**	**3.0**	**4.7**	<3.0	<3.0	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	<0.050	ns	ns	<0.03	ns	<0.25	<0.05	<0.050	<0.050	ns	ns	<0.05	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	**0.26**	ns	ns	ns	ns	<0.5	<0.05	<0.050	<0.050	ns	ns	<0.05 J	ns
Nitrate-Nitrogen (mg/L)	10	na	**0.25**	ns	ns	<0.02	ns	<0.25	<0.05	<0.050	<0.050	ns	ns	<0.05 J	ns
Sulfate, as SO4 (mg/L)	500	na	**9**	ns	ns	ns	ns	**7.8**	**10**	**15**	**9.2**	**7.0**	**9.1**	**8.2**	ns
Total Organic Carbon (mg/L)	na	na	**2.1**	ns	ns	**6.8**	ns	**7.1**	**13**	**9.5**	**6.5**	**5.9**	**8.3**	**2.5**	ns
Carbon Dioxide (mg/L)	na	na	**230**	ns	ns	ns	ns	**120**	ns	**100**	**130**	**300**	**120**	**77**	ns
Volatile Fatty Acids (mg/L)															
Acetic acid	na	na	ns	ns	ns	<1	ns	<1	ns	<1.0	<1.0	ns	**1.2 J**	ns	ns
Butyric acid	na	na	ns	ns	ns	<1	ns	<1	ns	<1.0	<1.0	ns	**0.5 J**	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	<25	ns	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	<1	ns	<1	ns	<1.0	<1.0	ns	**1 J**	ns	ns
Pyruvic acid	na	na	ns	ns	ns	<10	ns	<10	ns	<10.0	<10.0	ns	**1.8 J**	ns	ns
NA - Field Screening															
pH (SU)	na	na	**5.8**	ns	ns	**6.38**	ns	**6.35**	**5.17**	**6.15**	**6.3**	**6.1**	**6.4**	**6.5**	**6.1**
ORP (mV)	na	na	**97**	ns	ns	**293.3**	ns	**-50.8**	**12.2**	**-73.9**	**-31**	**9 J***	**-50**	**-30**	**-23**
Specific Conductance (µS/cm)	na	na	**212**	ns	ns	**271**	ns	**210**	**240**	**246**	**242**	**175**	**199**	**150**	**220**
Dissolved Oxygen (mg/L)	na	na	**0.6**	ns	ns	**0.2**	ns	**0.3**	**2.2**	**0.22**	**0.21**	**0.2**	**0.7**	<0.5	**0.7**
Turbidity (ntu)	na	na	<5	ns	ns	**1.4**	ns	**1.9**	**>1,100**	**2.5**	<1	**3**	<1	<5	<5
Temperature (°C)	na	na	**11**	ns	ns	ns	ns	ns	ns	ns	ns	**9**	**11**	**11**	**10**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**1.46**	**2.6**	**1.60**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	0.0	**0.4**	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_M-7 Overburden											
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Oct-09 DUP	Jun-11	Jun-13
NA - Laboratory														
Methane (µg/L)	na	na	ns	ns	ns	**31**	**13**	ns	**12**	**800**	**57**	ns	**22**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	ns	**0.003**	**0.012 J**	<0.025	ns	<0.025	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	ns	**0.011**	**0.120**	**0.056**	ns	**0.014 J**	ns
Alkalinity (mg/L)	na	na	ns	**60**	ns	**75.4**	ns	**87.9**	**85.2**	**85.6**	**94.0**	ns	**96.7**	ns
Chloride (mg/L)	na	na	ns	**2.8**	ns	**10**	**9**	**9.0**	**9.3**	**7.8**	**7.9**	ns	**7.3**	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.05	<0.050	<0.050	<0.050	ns	ns	ns	<0.05	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	**0.38**	**0.36**	**0.25**	**0.38**	ns	ns	ns	**0.3**	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**0.93**	ns	**0.36**	**0.36**	**0.24**	**0.37**	ns	ns	ns	**0.29**	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**34**	**31**	**42**	**52**	**47**	**47**	ns	**51**	ns
Total Organic Carbon (mg/L)	na	na	ns	**1.8**	ns	**11**	**12**	**16**	ns	**9.1**	**2.5**	ns	**3.9**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**350**	ns	ns	**340**	**84**	**330**	ns	**350**	ns
Volatile Fatty Acids (mg/L)														
Acetic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	<25.0	ns	<25.0 UJ	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	<10.0	ns	<10.0 UJ	ns	ns	ns
NA - Field Screening														
pH (SU)	na	na	ns	**7.98**	ns	**5.71**	**8.08**	**5.76**	**5.7**	**5.2**	**5.9**	ns	**5.7**	ns
ORP (mV)	na	na	ns	ns	ns	**279**	**69**	**278**	**245**	**1.32 J***	**116**	ns	**100**	ns
Specific Conductance (µS/cm)	na	na	ns	**188**	ns	**214**	**80**	**206**	**297**	**290**	**292**	ns	**326**	ns
Dissolved Oxygen (mg/L)	na	na	ns	**1.2**	ns	**0.1**	**1.7**	**0.55**	**0.2**	**0.4**	**0.3**	ns	**2.0**	ns
Turbidity (ntu)	na	na	ns	**0.1**	ns	**0.0**	**50.8**	**1.11**	<1	<1	<1	ns	<5	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**9**	**10**	ns	**9**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.05**	**0.01**	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.5**	**0.3**	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-101 Overburden/Bedrock Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**3,000**	**2,300**	**1,100**	**2,200**	**1,500**	**3,600**	**940**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<50	<20	**0.015**	**0.016**	**0.021 J**	**0.036**	**0.019 J**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<50	<20	**0.062**	**0.072**	**0.110**	**0.095**	**0.080**	ns
Alkalinity (mg/L)	na	na	ns	**270**	ns	**228**	ns	**233**	**298**	**196**	**232**	**196**	ns
Chloride (mg/L)	na	na	ns	**3.2**	ns	**19**	**16**	**16**	**9.5**	**5.4**	**4.5**	**3.5**	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.3	ns	**0.06**	**0.07**	**0.067**	**0.077**	ns	ns	**0.068**	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<1	<0.050	<0.050	ns	ns	ns	<0.050 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**0.32**	ns	<0.5	<0.050	<0.050	ns	ns	ns	<0.050 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**1.3**	**2.0**	**9.3**	**6.3**	**16**	**3.8**	**4.4**	ns
Total Organic Carbon (mg/L)	na	na	ns	**22**	ns	**44**	**38**	**29**	**54**	**31**	**43**	**21**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**340**	ns	**320**	**380**	**330**	**340**	**300**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**6.48**	ns	**6.39**	**6.91**	**6.21**	**6.1**	**6.3**	**6.6**	**6.2**	**6.3**
ORP (mV)	na	na	ns	**300**	ns	**-46**	**-106.2**	**-58.6**	**-56**	**-64**	**-76**	**2**	**-65**
Specific Conductance (µS/cm)	na	na	ns	**645**	ns	**509**	**720**	**720**	**780**	**675**	**671**	**597**	**456**
Dissolved Oxygen (mg/L)	na	na	ns	**0.5**	ns	**3.2**	**0.2**	**0.47**	**0.6**	**0.9**	**1.4**	**2.4**	<0.5
Turbidity (ntu)	na	na	ns	**16.6**	ns	**5.9**	**51.9**	**6.18**	<1	**5**	**1**	<5	<5
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**12**	**11**	**12**	**12**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**1.01**	**2.74**	**1.68**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.1**	**0.4 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-102 Overburden Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-10, 28.5	Jun-10, 28.5 DUP	Jun-11	Jun-13
NA - Laboratory															
Methane (µg/L)	na	na	ns	ns	ns	**1100**	ns	ns	ns	ns	ns	**2,200**	**2,700**	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	**0.027**	**0.033**	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	**0.044**	**0.073**	ns	ns
Alkalinity (mg/L)	na	na	ns	**62**	ns	**37.8**	ns	ns	ns	ns	ns	**133**	**133**	ns	ns
Chloride (mg/L)	na	na	ns	**13**	ns	**19**	ns	ns	ns	ns	ns	**7.8**	**7.9**	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.25	ns	ns	ns	ns	ns	**0.053**	**0.053**	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.5	ns	ns	ns	ns	ns	<0.050	**0.064**	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**3.6**	ns	<0.25	ns	ns	ns	ns	ns	<0.050	<0.050	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**41**	ns	ns	ns	ns	ns	**25**	**25**	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	**7.7**	ns	**20**	ns	ns	ns	ns	ns	**17**	**17**	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**340**	ns	ns	ns	ns	ns	**390**	**420**	ns	ns
Volatile Fatty Acids (mg/L)															
Acetic acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	<1	<1	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	<1	<1	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	ns	ns	ns	<25	<25	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	<1	<1	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	ns	ns	ns	<10	<10	ns	ns
NA - Field Screening															
pH (SU)	na	na	ns	**5.54**	ns	**5.75**	ns	ns	ns	ns	ns	**5.8**	ns	ns/ir	ns
ORP (mV)	na	na	ns	**134.8**	ns	**64.8**	ns	ns	ns	ns	ns	**63**	ns	ns/ir	ns
Specific Conductance (µS/cm)	na	na	ns	**310**	ns	**287**	ns	ns	ns	ns	ns	**367**	ns	ns/ir	ns
Dissolved Oxygen (mg/L)	na	na	ns	**0.7**	ns	**0.5**	ns	ns	ns	ns	ns	**0.4**	ns	ns/ir	ns
Turbidity (ntu)	na	na	ns	**1.4**	ns	**8.1**	ns	ns	ns	ns	ns	**6**	ns	ns/ir	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**13**	ns	ns/ir	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**2.4 J***	**5.8 J***	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-104S Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**590**	ns	**1,100**	**1,100**	ns	**2,800**	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	ns	**0.007**	**0.049**	ns	**0.039**	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	ns	**0.110**	**0.085**	ns	**0.170**	ns	ns
Alkalinity (mg/L)	na	na	ns	**270**	ns	**131**	ns	**168**	**138**	ns	**191**	**189**	ns
Chloride (mg/L)	na	na	ns	**2.9**	ns	**10**	ns	**8.8**	**6.3**	ns	**3.9**	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.25	ns	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.5	ns	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**0.06**	ns	<0.25	ns	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**8**	ns	**1.3**	**2.3**	ns	**2.6**	**5.5**	ns
Total Organic Carbon (mg/L)	na	na	ns	**7.3**	ns	**17**	ns	**20**	**16**	ns	**26**	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**99**	ns	**110**	**140**	ns	**230**	ns	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	<1.0	**0.9**	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	**0.6 J**	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**6.3**	ns	**6.54**	ns	**6.06**	**6.4**	**6.9**	**6.4**	**6.2**	**6.3**
ORP (mV)	na	na	ns	**161.8**	ns	**-38.3**	ns	**-97.8**	**-39**	**15**	**18**	**-18**	**-10**
Specific Conductance (µS/cm)	na	na	ns	**416**	ns	**352**	ns	**378**	**377**	**376**	**405**	**375**	**349**
Dissolved Oxygen (mg/L)	na	na	ns	**0.2**	ns	**0.2**	ns	**0.18**	**0.1**	**1.1**	**0.2**	<0.5	<0.5
Turbidity (ntu)	na	na	ns	**0.7**	ns	**6.4**	ns	**13.2**	**1**	**3**	<1	<5	<5
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**11**	**12**	**11**	**10**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**1.29**	ns	**0.86**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**0.4**	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-104D Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**10**	ns	ns	ns	ns	ns	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	ns	ns
Alkalinity (mg/L)	na	na	ns	**46**	ns	**46.9**	ns	ns	ns	ns	ns	**46.9**	ns
Chloride (mg/L)	na	na	ns	**0.1**	ns	<3	ns	ns	ns	ns	ns	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.50	ns	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	ns	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.050	ns	<0.50	ns	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**6.0**	ns	ns	ns	ns	ns	**5.3**	ns
Total Organic Carbon (mg/L)	na	na	ns	**0.5**	ns	**1.3**	ns	ns	ns	ns	ns	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**2.7**	ns	ns	ns	ns	ns	ns	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**7.1**	ns	**7.86**	ns	ns	ns	ns	**7.7**	ns/ir	ns/ir
ORP (mV)	na	na	ns	**90.4**	ns	**221.2**	ns	ns	ns	ns	**-64**	ns/ir	ns/ir
Specific Conductance (µS/cm)	na	na	ns	**181**	ns	**103**	ns	ns	ns	ns	**107**	ns/ir	ns/ir
Dissolved Oxygen (mg/L)	na	na	ns	**0.6**	ns	**0.8**	ns	ns	ns	ns	**0.4**	ns/ir	ns/ir
Turbidity (ntu)	na	na	ns	**1.2**	ns	**4.7**	ns	ns	ns	ns	**8**	ns/ir	ns/ir
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**12**	ns/ir	ns/ir
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-105S Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloride (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**6.1**	**5.8**	ns
ORP (mV)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**161**	**233**	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**366**	**259**	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**0.7**	<0.5	ns
Turbidity (ntu)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<1	<5	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**11**	**11**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-105D Bedrock										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloride (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**6.4**	ns/ir	ns
ORP (mV)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**-24**	ns/ir	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**193**	ns/ir	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**1.8**	ns/ir	ns
Turbidity (ntu)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**7**	ns/ir	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**9**	ns/ir	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen	NH AGQS	ROD ICL	TRY_MW-201M Overburden												TRY_MW-201P Overburden	
Sampling Event Date			**Aug-04**	**Oct-05**	**Jun-06**	**Dec-06**	**May-07**	**May-07 DUP**	**Jun-08**	**Dec-08**	**Jun-09**	**Oct-09**	**Jun-11**	**Jun-13**	**Jun-11**	**Jun-13 [1]**
NA - Laboratory																
Methane (µg/L)	na	na	ns	ns	ns	**160**	**160**	**140**	**310**	**550**	**510**	**610**	**850**	ns	**2,200**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	<10	**0.019**	**0.029**	**0.025 J**	**0.026**	**0.025 J**	ns	**0.043**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	<10	**0.094**	**0.130**	**0.140**	**0.170**	**0.160**	ns	**0.160**	ns
Alkalinity (mg/L)	na	na	ns	**130**	ns	**136**	ns	ns	**140**	**143**	**156**	**160**	**177**	ns	**116**	ns
Chloride (mg/L)	na	na	ns	**0.83**	ns	<3.0	**3**	**3**	<3.0	<3.0	<3.0	<3.0	**3.5**	ns	**3.4**	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.50	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.05	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.05	ns	<0.050 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.050	ns	<0.50	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.05	ns	<0.050 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**7.0**	**7.0**	**8.0**	**6.4**	**7.2**	**6.7**	**6.2**	**6.3**	ns	**5.9**	ns
Total Organic Carbon (mg/L)	na	na	ns	**0.9**	ns	**5.0**	**6.8**	**6.2**	**3.7**	**5.5**	**4.6**	**8.8**	**1.4**	ns	**3.9**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**35**	ns	ns	**31**	**43**	**46**	**57**	**53**	ns	**110**	ns
Volatile Fatty Acids (mg/L)																
Acetic acid	na	na	ns	ns	ns	<1	ns	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	<25.0	<25.0	ns	**2.5 J**	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns	ns	ns
NA - Field Screening																
pH (SU)	na	na	ns	**6.93**	ns	**6.98**	**6.82**	ns	**6.69**	**6.9**	**6.9**	**7.0**	**6.8**	**6.7**	**6.2**	ns
ORP (mV)	na	na	ns	**107.1**	ns	**-110.9**	**-96**	ns	**-92.4**	**-106**	**-89**	**-81**	**-86**	**-89**	**2**	ns
Specific Conductance (µS/cm)	na	na	ns	**502**	ns	**204**	**198**	ns	**291**	**316**	**333**	**349**	**361**	**435**	**269**	ns
Dissolved Oxygen (mg/L)	na	na	ns	**0.2**	ns	**0.3**	**3.5**	ns	**0.43**	**0.3**	**0.8**	**0.3**	<0.5	**0.6**	**1.5**	ns
Turbidity (ntu)	na	na	ns	**0.2**	ns	**0.9**	**>1100**	ns	**6.47**	**19**	**6**	**2**	**6**	<5	**<5**	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**11**	**10**	**10**	**11**	**11**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**3.42**	**1.10**	**0.44**	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**0.2**	**2.3 J***	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-202S Overburden												TRY_MW-202P Overburden	
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Jun-09 DUP	Oct-09	Jun-11	Jun-13	Jun-11	Jun-13
NA - Laboratory																
Methane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**2.2**	ns	ns	ns	ns	**320**	ns
Ethane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.130**	ns	ns	ns	ns	**0.008 J**	ns
Ethene (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.076**	ns	ns	ns	ns	**0.039**	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**129**	ns	ns	ns	ns	**96.7**	ns
Chloride (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	<3.0	ns	ns	ns	ns	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.05	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.05	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.05	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	ns	ns	ns	ns	**14**	ns	ns	ns	ns	**8.1**	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**3.0**	ns	ns	ns	ns	**1.7**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**49**	ns	ns	ns	ns	**42**	ns
Volatile Fatty Acids (mg/L)																
Acetic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening																
pH (SU)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
ORP (mV)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Turbidity (ntu)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.05**	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.8**	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-204 Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**1,200**	**1,700**	ns	**3,600**	**2,300**	**4,100**	**2,000**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<20	ns	**0.160**	**0.055**	**0.073**	**0.024 J**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<20	ns	**0.039**	**0.033**	**0.037**	**0.07**	ns
Alkalinity (mg/L)	na	na	ns	**74**	ns	**74**	ns	**102**	**97.8**	**75.9**	**77.3**	**96.5**	ns
Chloride (mg/L)	na	na	ns	**0.90**	ns	**25**	**12**	<3.0	<3.0	<3.0	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	**0.06**	<0.050	<0.050	<0.050	ns	ns	<0.05	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	**4.3**	**0.87**	<0.050	<0.050	ns	ns	<0.05 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.02	ns	**4.3**	**0.84**	<0.050	<0.050	ns	ns	<0.05 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**44**	**70**	**97**	**84**	**66**	**53**	**30**	ns
Total Organic Carbon (mg/L)	na	na	ns	**3.9**	ns	**16**	**23**	**22**	**11**	**33**	**15**	**5.2**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**320**	ns	ns	**240**	**210**	**210**	**180**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	<25.0	ns	**2.5 J**	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**5.97**	ns	**5.74**	**5.11**	**5.70**	**5.80**	**6.3 J***	**6.1**	**5.8**	ns
ORP (mV)	na	na	ns	**350**	ns	**119.1**	**76.4**	**172.1**	**59**	**43 J***	**4**	**56**	ns
Specific Conductance (µS/cm)	na	na	ns	**234**	ns	**316**	**371**	**291**	**366**	**279**	**276**	**243**	ns
Dissolved Oxygen (mg/L)	na	na	ns	**0.2**	ns	**0.2**	**3.4**	**2.3**	**0.3**	**0.3**	**0.3**	**0.5**	ns
Turbidity (ntu)	na	na	ns	**0.7**	ns	**2.0**	**31.9**	**1.4**	**2**	**3**	**2**	**<0.5**	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**10**	**9**	**9**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**2.08**	**1.15**	**0.61**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.2**	**0.0 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-205 Overburden																
			Aug-04	Oct-05	Jun-06	Dec-06	Dec-06 DUP	May-07	Jun-08	Dec-08	Dec-08 DUP	Jun-09	Jun-09 DUP	Oct-09	Oct-09 DUP	Jun-11	Jun-11 DUP	Jun-13	Jun-13 DUP
NA - Laboratory																			
Methane (µg/L)	na	na	ns	ns	ns	**1,400**	**1,400**	**2,300**	**5,400**	**5,000**	**4,700**	**5,700**	**5,100**	**8,600**	**8,500**	**3,500**	**3,600**	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<20	<20	<20	<0.025	**0.018**	**0.026**	< 0.025	< 0.025	**0.041**	**0.040**	**<0.025**	<0.025	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<20	<20	<20	**0.021**	**0.069**	**0.099**	**0.062**	**0.052**	**0.120**	**0.110**	**0.062**	**0.070**	ns	ns
Alkalinity (mg/L)	na	na	ns	**180**	ns	**165**	**180**	ns	**274**	**395**	**362**	**216**	**214**	**258**	**224**	**198**	**202**	ns	ns
Chloride (mg/L)	na	na	ns	**1.7**	ns	**13**	**13**	**13**	**14**	**10**	**9.1**	**6.9**	**7.0**	**4.6**	**4.7**	**6.1**	**6.0**	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.05	<0.05	**0.070**	**0.0053**	**0.088**	**0.072**	ns	ns	ns	ns	**0.081**	**0.077**	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<1	<1	<0.050	<0.050	<0.050	<0.050	ns	ns	ns	ns	<0.050 J	<0.050 J	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**0.47**	ns	<0.50	**0.07**	<0.050	<0.050	<0.050	<0.050	ns	ns	ns	ns	<0.050 J	<0.050 J	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**10**	**9.9**	**11**	**7.4**	**1.7**	**1.6**	**2.9**	**2.3**	**<1.0**	**<1.0**	**1.2**	**1.2**	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	**20**	ns	**47**	**64**	**57**	**67**	**58**	**63**	**47**	**38**	**55**	**56**	**41**	**42**	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**410**	**420**	ns	**370**	**330**	**350**	**350**	**360**	**300**	**290**	**330**	**320**	ns	ns
Volatile Fatty Acids (mg/L)																			
Acetic acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	**1.4**	**1.8**	ns	ns	<1.0 UJ	<1.0 UJ	ns	ns	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	<1.0	<1.0	ns	ns	<1.0 UJ	<1.0 UJ	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	<25	ns	<25.0	<25.0	<25.0	ns	ns	<25.0 UJ	**1.8 J**	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	<1.0	<1.0	ns	ns	**0.5 J**	<1.0 UJ	ns	ns	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	<10	ns	<10.0	<10.0	<10.0	ns	ns	<10.0 UJ	<10.0 UJ	ns	ns	ns	ns
NA - Field Screening																			
pH (SU)	na	na	ns	**6.02**	ns	**6.12**	ns	**5.98**	**6.10**	**6.1**	ns	**6.3**	ns	**6.6**	ns	**6.1**	ns	**6.0**	ns
ORP (mV)	na	na	ns	**7.2**	ns	**0.9**	ns	**-51.1**	**-55.8**	**-11**	ns	**-56**	ns	**-94**	ns	**-50**	ns	**-39**	ns
Specific Conductance (µS/cm)	na	na	ns	**383**	ns	**486**	ns	**613**	**765**	**787**	ns	**714**	ns	**619**	ns	**665**	ns	**474**	ns
Dissolved Oxygen (mg/L)	na	na	ns	**0.5**	ns	**0.1**	ns	**2.1**	**4.36**	**0.4**	ns	**0.9**	ns	**0.3**	ns	<0.5	ns	**0.8**	ns
Turbidity (ntu)	na	na	ns	**4.2**	ns	**9.7**	ns	**501.0**	**5.9**	**5**	ns	**3**	ns	**2**	ns	<5	ns	**6**	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**12**	ns	**11**	ns	**14**	ns	**12**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**2.94 J***	**1.33 J***	**1.11**	**1.20**	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**0.1**	ns	0.0 J*	**0.4 J***	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-301 Overburden Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	TRY_MW-301X Overburden Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**1,600**	ns	ns	**810**	**720**	**1,400**	**880**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<20	ns	ns	**0.011**	**0.011 J**	**0.015 J**	**0.15**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<20	ns	ns	**0.027**	**0.058**	**0.061**	**0.34**	ns
Alkalinity (mg/L)	na	na	ns	**190**	ns	**79.7**	ns	**144**	**133**	**116**	**124**	**91.9**	ns
Chloride (mg/L)	na	na	ns	**3.1**	ns	**12**	ns	<10.0	**8.3**	**6.3**	**5.1**	**4.5**	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.05	ns	<0.050	<0.050	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<1	ns	<0.050	<0.050	ns	ns	<0.050 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**0.13**	ns	<0.50	ns	<0.050	<0.050	ns	ns	<0.050 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**45**	ns	**39**	**42**	**37**	**35**	**18**	ns
Total Organic Carbon (mg/L)	na	na	ns	**16**	ns	**30**	ns	**29**	**26**	**21**	**19**	**2.9**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**320**	ns	ns	**420**	**370**	**400**	**250**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	ns	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	ns	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**6.05**	ns	**6.07**	ns	**5.92**	**6.0**	**6.4 J***	**6.2**	**5.7**	**5.8**
ORP (mV)	na	na	ns	**44.5**	ns	**-10.7**	ns	**24.5**	**-32**	**21 J***	**-2**	**33**	**106**
Specific Conductance (µS/cm)	na	na	ns	**447**	ns	**310**	ns	**426**	**463**	**464**	**485**	**232**	**224**
Dissolved Oxygen (mg/L)	na	na	ns	**0.4**	ns	**0.9**	ns	**1.75**	**0.15**	**0.3**	**0.5**	**0.5**	**0.7**
Turbidity (ntu)	na	na	ns	**0.7**	ns	ns	ns	**0.80**	<1	<1	<1	**9**	<5
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**12**	**11**	**11**	**12**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**0.25**	**1.21**	**1.58**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.0**	**0.6 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-501 Overburden													TRY_MW-501X Overburden	
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Jun-08 DUP	Dec-08	Dec-08 DUP	Jun-09	Jun-09 DUP	Oct-09	Oct-09 DUP	Jun-11	Jun-13
NA - Laboratory																	
Methane (µg/L)	na	na	ns	ns	ns	**1,800**	**640**	**1,800**	**1,800**	**1,600**	**1,400**	**2,000**	**1,800**	**4,000**	**3,200**	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<20	<10	**0.024**	**0.013**	**0.039**	**0.016**	**0.018 J**	**0.022 J**	**0.021 J**	**0.018 J**	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<20	<10	**0.100**	**0.090**	**0.110**	**0.096**	**0.091 J**	**0.130 J**	**0.130**	**0.130**	ns	ns
Alkalinity (mg/L)	na	na	ns	**180**	ns	**138**	ns	**181**	**180**	**150**	**152**	**152**	**150**	**150**	**173**	ns	ns
Chloride (mg/L)	na	na	ns	**4.6**	ns	**11**	**6**	**7.3**	**7.4**	**6.4**	**6.3**	**5.3**	**4.9**	**3.8**	**3.8**	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.25	<0.050	<0.050	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.5	<0.050	<0.050	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.02	ns	<0.25	<0.050	<0.050	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**37**	**36**	**8.7**	**8.8**	**13**	**13**	**7.6**	**8.5**	**1.8**	**1.8**	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	**12**	ns	**19**	**31**	**24**	**23**	**20**	**21**	**20**	**23**	**24**	**20**	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**210**	ns	**210**	**210**	**200**	**180**	**190**	**200**	**190**	**200**	ns	ns
Volatile Fatty Acids (mg/L)																	
Acetic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	<1.0	<1.0	ns	ns	**0.8 J**	**1.6 J**	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	<1.0	<1.0	ns	ns	<1.0 UJ	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	<25.0	<25.0	ns	ns	<25.0 UJ	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	<1.0	<1.0	ns	ns	**1.0 J**	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	<10.0	<10.0	ns	ns	<10.0 UJ	<10.0 UJ	ns	ns
NA - Field Screening																	
pH (SU)	na	na	ns	**7.18**	ns	**6.44**	**8.53**	**6.08**	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
ORP (mV)	na	na	ns	**-10.8**	ns	**-40.4**	**-36**	**-29.7**	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
Specific Conductance (µS/cm)	na	na	ns	**575**	ns	**487**	**528**	**479**	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
Dissolved Oxygen (mg/L)	na	na	ns	**0.2**	ns	**0.3**	**8.0**	**0.44**	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
Turbidity (ntu)	na	na	ns	**0.8**	ns	**9.7**	**503.0**	**0.92**	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns/ir	ns/ir
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**10.65**	ns	**2.09 J***	**1.21 J***	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**0.0**	ns	**0.4 J***	**0.6 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-508 Overburden Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	TRY_MW-508X Overburden Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.043 J**	**0.540**	**0.180**	ns
Ethane (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	< 0.025 UJ	<0.025	**0.04**	ns
Ethene (µg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	< 0.025 UJ	**0.075**	**0.027**	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	<1	**1.8**	<1.0	ns
Chloride (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	<3.0	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.050	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	<0.050	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	ns	ns	ns	ns	**7.8**	**8.2**	**6.8**	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**1.9**	**3.6**	**1.6**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**25 J**	**56**	**34**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**5**	ns
ORP (mV)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**197**	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**28**	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**7.3**	ns
Turbidity (ntu)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**11**	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**14**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.18**	**0.10**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.3**	**0.1**	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-601S Overburden											
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Jun-09 DUP	Oct-09	Jun-11	Jun-13
NA - Laboratory														
Methane (µg/L)	na	na	ns	ns	ns	**800**	**380**	**1,200**	**1,400**	**1,700**	ns	**1,700**	**1,200**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	**0.070**	**0.065**	**0.054**	ns	**0.045**	**0.009 J**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	**0.074**	**0.069**	**0.042**	ns	**0.046**	**0.021 J**	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	**52.6**	ns	**105**	**78.0**	**75.4**	ns	**59.2**	**77.1**	ns
Chloride (mg/L)	na	na	ns	**1.1**	ns	**34**	**23**	**8.8**	**5.2**	<3.0	ns	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.050	<0.05	<0.050	<0.050	ns	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	**3.7**	**6.2**	<0.050	**0.36**	ns	ns	ns	<0.050	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.02	ns	**3.7**	**6.2**	<0.050	**0.35**	ns	ns	ns	<0.050	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**5**	**8**	**29**	**64**	**71**	ns	**75**	**43**	ns
Total Organic Carbon (mg/L)	na	na	ns	**3.2**	ns	**10**	**16**	**11**	**19**	**12**	ns	<0.50	**4**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**320**	ns	**300**	**320**	**250**	ns	**260**	**230**	ns
Volatile Fatty Acids (mg/L)														
Acetic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	ns	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	ns	**0.6 J**	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	ns	ns	<10.0 UJ	ns	ns
NA - Field Screening														
pH (SU)	na	na	ns	**5.61**	ns	**5.5**	**5.4**	**5.60**	ns	**5.8**	ns	**6.0**	**5.6**	**5.6**
ORP (mV)	na	na	ns	**336**	ns	**208.8**	**228**	**321.6**	ns	**203**	ns	**108**	**203**	**208**
Specific Conductance (µS/cm)	na	na	ns	**224**	ns	**190**	**259**	**255**	ns	**283**	ns	**279**	**224**	**199**
Dissolved Oxygen (mg/L)	na	na	ns	**0.2**	ns	**0.5**	**5.2**	**2.72**	ns	**0.9**	ns	**0.3**	<0.5	<0.5
Turbidity (ntu)	na	na	ns	**0.2**	ns	**0.3**	**271.0**	**16.9**	ns	**1**	ns	<1	<5	<5
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**10**	ns	**10**	**12**	**10**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**0.12**	**0.11**	ns	**0.07**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.3**	**0.4**	**0.1 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-601D Overburden										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**830**	**520**	**840**	**800**	**770**	**1,300**	**1,000**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	**0.047**	**0.049**	**0.041**	**0.066**	**0.027**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	**0.700**	**0.640**	**0.890**	**1.500**	**0.740**	ns
Alkalinity (mg/L)	na	na	ns	**55**	ns	**74.5**	ns	**51.2**	**74.4**	**75.9**	**82.7**	**87.9**	ns
Chloride (mg/L)	na	na	ns	**1.9**	ns	<3	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	<0.050	<0.050	<0.050	ns	ns	**0.053**	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.02	ns	<0.050	<0.050	<0.050	<0.050	ns	ns	**0.051**	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**4.0**	**4.0**	**8.9**	**4.5**	**3.4**	**2.9**	**3.5**	ns
Total Organic Carbon (mg/L)	na	na	ns	**1.5**	ns	**4.0**	**4.2**	**4.3**	**6.6**	**3.5**	**3.3**	**1.3**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**47**	ns	**14**	**30**	**29**	**32**	**26**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	**0.6 J**	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**6.56**	ns	**6.46**	**6.78**	**6.82**	**6.7**	**6.6**	**6.8**	ns/ir	ns/ir
ORP (mV)	na	na	ns	**-25.5**	ns	**-1.7**	**-24**	**-58.6**	**-13**	**11**	**-75**	ns/ir	ns/ir
Specific Conductance (µS/cm)	na	na	ns	**170**	ns	**113**	**106**	**122**	**163**	**148**	**169**	ns/ir	ns/ir
Dissolved Oxygen (mg/L)	na	na	ns	**0.3**	ns	**0.2**	**4.0**	**0.77**	**0.60**	**0.9**	**0.2**	ns/ir	ns/ir
Turbidity (ntu)	na	na	ns	**0.8**	ns	**4.4**	**35.6**	**23.6**	**67.0**	**15**	**4**	ns/ir	ns/ir
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**14**	**11**	ns/ir	ns/ir
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**1.70**	**1.19**	**0.63**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.0**	**0.7 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-602S Overburden											
			Aug-04	Oct-05	Jun-06	Dec-06	Dec-06 DUP	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory														
Methane (µg/L)	na	na	ns	ns	ns	**840**	**860**	**880**	**4,700**	**5,200**	**2,600**	**6,500**	**2,800**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	<20	**0.075**	**0.094**	**0.050**	**0.084**	**0.038**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	<20	**0.100**	**0.160**	**0.330**	**0.430**	**0.410**	ns
Alkalinity (mg/L)	na	na	ns	**52.6**	ns	**125**	**122**	ns	**256**	**233**	**138**	**170**	**196**	ns
Chloride (mg/L)	na	na	ns	**71**	ns	**18**	**18**	**11**	**8.1**	**6.9**	<3.0	**4.4**	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.050	<0.050	<0.050	<0.050	**0.056**	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	**4.5**	**4.1**	**1.2**	<0.050	<0.050	ns	ns	<0.050 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	**7.9**	ns	**4.5**	**4.1**	**1.2**	<0.050	<0.050	ns	ns	<0.050 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**140**	**140**	**76**	**5.9**	<1.0	**18**	**2.6**	**8.1**	ns
Total Organic Carbon (mg/L)	na	na	ns	**11**	ns	**27**	**49**	**45**	**55**	**35**	**22**	**27**	**13**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**360**	**370**	ns	**240**	**210**	**170**	**170**	**60**	ns
Volatile Fatty Acids (mg/L)														
Acetic acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	**2.4**	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	<10	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening														
pH (SU)	na	na	ns	**5.45**	ns	**5.87**	ns	**6.15**	**6.15**	**6.2**	**6.7 J***	**6.5**	ns/ir	ns/ir
ORP (mV)	na	na	ns	**149.2**	ns	**84.9**	ns	**-55.4**	**-55.4**	**-55**	**-48 J***	**-41**	ns/ir	ns/ir
Specific Conductance (µS/cm)	na	na	ns	**622**	ns	**690**	ns	**561**	**561**	**582**	**334**	**374**	ns/ir	ns/ir
Dissolved Oxygen (mg/L)	na	na	ns	**0.4**	ns	**0.5**	ns	**2.33**	**2.33**	**0.3**	**0.3**	**0.3**	ns/ir	ns/ir
Turbidity (ntu)	na	na	ns	**0.7**	ns	**1.3**	ns	**3.8**	**3.8**	**1**	**2**	<1	ns/ir	ns/ir
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**10**	**10**	ns/ir	ns/ir
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**1.74**	**1.01**	**0.74**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	**0.1**	**0.0 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-602B Bedrock										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	**1,800**	**1,000**	**2,900**	**1,500**	**2,400**	**2,400**	**4,500**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<20	<10	**0.069**	**0.090**	**0.079**	**0.082**	**0.049**	ns
Ethene (µg/L)	na	na	ns	ns	ns	<20	<10	**0.056**	**0.036**	**0.049**	**0.066**	**0.088**	ns
Alkalinity (mg/L)	na	na	ns	**120**	ns	**100**	ns	**108**	**96.4**	**82.1**	**87.8**	**99.4**	ns
Chloride (mg/L)	na	na	ns	**2.5**	ns	**7.0**	**5.0**	**4.9**	**4.4**	**3.4**	**3.2**	<3	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	<0.03	ns	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	<0.050	<0.050	<0.050	ns	ns	<0.050 J	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	<0.02	ns	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.050 J	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**9**	**9**	**9.0**	**13**	**11**	**11**	**8**	ns
Total Organic Carbon (mg/L)	na	na	ns	**3.9**	ns	**18**	**12**	**8.7**	**9.9**	**5.6**	**12**	**2.8**	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**160**	ns	**160**	**160**	**140**	**170**	**130**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	<1	ns	<1	ns	1.1	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	<25	ns	<25	ns	<25.0	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	<1	ns	<1	ns	<1.0	<1.0	ns	<1.0 UJ	ns	ns
Pyruvic acid	na	na	ns	<10	ns	<10	ns	<10.0	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	**6.19**	ns	**6.2**	**7.15**	**5.73**	**6.0**	**6.1**	**6.3**	**6.0**	ns
ORP (mV)	na	na	ns	**250.4**	ns	**-2.6**	**11.3**	**25.2**	**22**	**-1**	**2**	**29**	ns
Specific Conductance (µS/cm)	na	na	ns	**243**	ns	**236**	**257**	**261**	**219**	**207**	**211**	**221**	ns
Dissolved Oxygen (mg/L)	na	na	ns	**0.8**	ns	**0.2**	**6.5**	**0.50**	**0.3**	**0.7**	**0.6**	**1.9**	ns
Turbidity (ntu)	na	na	ns	**0.8**	ns	**0.5**	**37.8**	**27.8**	**5.0**	**3.0**	<1	<5	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**10**	**11**	**9**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**0.64**	**2.23**	**0.84**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.2**	**0.5 J***	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-701 Bedrock										
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	<10	<10	**0.083**	**1**	**1.2**	**0.072 J**	**0.038 J**	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	<0.025	**0.01**	<0.025	<0.025	<0.025	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	<0.025	**0.036**	**0.06**	**0.017 J**	**0.015 J**	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	**8**	ns	**2.3**	**5.5**	**4.5**	**4.7**	**3.6**	ns
Chloride (mg/L)	na	na	ns	ns	ns	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	<0.050	<0.050	<0.050	<0.050	ns	ns	<0.050	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	**0.27**	**0.06**	**0.063**	**0.055**	ns	ns	<0.050	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	**0.27**	**0.06**	**0.062**	**0.055**	ns	ns	<0.050	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**11**	**9**	**7.1**	**8.3**	**7.1**	**7.8**	**7.2**	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	**1**	**1.8**	**1.3**	**3.2**	**1.5**	**1.6**	<0.050	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**28**	ns	**30**	**43**	**32**	**36**	**25**	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	ns	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Butyric acid	na	na	ns	ns	ns	<1	ns	ns	<1.0	ns	<1.0 UJ	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	<25	ns	ns	<25.0	ns	<25.0 UJ	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	<1	ns	ns	<1.0	ns	**0.5 J**	ns	ns
Pyruvic acid	na	na	ns	ns	ns	<10	ns	ns	<10.0	ns	<10.0 UJ	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	ns	ns	**5.84**	**7.41**	**5.22**	**5.4**	**6.2**	**5.7**	**5.5**	**5.4**
ORP (mV)	na	na	ns	ns	ns	**180.1**	**160**	**345.7**	**235**	**71**	**117**	**156**	**222**
Specific Conductance (µS/cm)	na	na	ns	ns	ns	**32**	**33**	**32**	**38**	**36**	**37**	**32**	**32**
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	**10.0**	**3.0**	**12.71**	**6.9**	**6.8**	**4.8**	**8.5**	**9.2**
Turbidity (ntu)	na	na	ns	ns	ns	**0.6**	**20.9**	**0.47**	**5.0**	**5.0**	**20**	<5	<5
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	**8.0**	**10**	**10**	**9**
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	**0.06**	**0.08**	**0.03**	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	**0.2**	**0.4**	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-702S Overburden									TRY_MW-702SX Overburden	
			Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09	Jun-11	Jun-13
NA - Laboratory													
Methane (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	**17.1**	ns	<1	ns	ns	ns	ns	ns
Chloride (mg/L)	na	na	ns	ns	ns	<3.0	<3.0	<3.0	ns	ns	ns	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	<0.050	<0.050	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**10**	**14**	**8.9**	ns	ns	ns	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	**2.9**	**21**	**2.4**	ns	ns	ns	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**23**	ns	ns	ns	ns	ns	ns	ns
Volatile Fatty Acids (mg/L)													
Acetic acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	<25	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening													
pH (SU)	na	na	ns	ns	ns	**6.15**	**5.8**	**4.76**	ns	ns	ns	**5.0**	ns
ORP (mV)	na	na	ns	ns	ns	**50.5**	**99.1**	**306**	ns	ns	ns	**172**	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	**47**	**48**	**28**	ns	ns	ns	**19**	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	**1.3**	**5.8**	**5.36**	ns	ns	ns	**9.3**	ns
Turbidity (ntu)	na	na	ns	ns	ns	**2.3**	**532.0**	**8.6**	ns	ns	ns	<5	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	**12**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID Geological Unit of Well Screen Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-702D Bedrock Aug-04	Oct-05	Jun-06	Dec-06	May-07	Jun-08	Dec-08	Jun-09	Oct-09, 25.9'	Oct-09, 35.9'	Oct-09, 44.4'	Apr-10, 25.9'	Apr-10, 25.9' DUP	Jun-11	Jun-13
NA - Laboratory																	
Methane (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethane (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Ethene (µg/L)	na	na	ns	ns	ns	<10	<10	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Alkalinity (mg/L)	na	na	ns	ns	ns	**16.0**	ns	**18.6**	ns	ns	ns	ns	ns	ns	ns	ns	ns
Chloride (mg/L)	na	na	ns	ns	ns	<3.0	<3.0	<3.0	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	ns	ns	ns	<0.050	<0.050	<0.050	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	ns	ns	ns	<0.10	**0.090**	**0.075**	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	ns	ns	ns	<0.050	**0.090**	**0.073**	ns	ns	ns	ns	ns	ns	ns	ns	ns
Sulfate, as SO4 (mg/L)	500	na	ns	ns	ns	**7.0**	**6.0**	**5.8**	ns	ns	ns	ns	ns	ns	ns	ns	ns
Total Organic Carbon (mg/L)	na	na	ns	ns	ns	**0.81**	**1.7**	**0.87**	ns	ns	ns	ns	ns	ns	ns	ns	ns
Carbon Dioxide (mg/L)	na	na	ns	ns	ns	**6.2**	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Volatile Fatty Acids (mg/L)																	
Acetic acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	<25	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	<1	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	<10	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening																	
pH (SU)	na	na	ns	ns	ns	**6.69**	**6.14**	**6.58**	ns	ns	ns	ns	ns	ns	ns	**6.6**	ns
ORP (mV)	na	na	ns	ns	ns	**146**	**73**	**312**	ns	ns	ns	ns	ns	ns	ns	**96**	ns
Specific Conductance (µS/cm)	na	na	ns	ns	ns	**38**	**54**	**43**	ns	ns	ns	ns	ns	ns	ns	**52**	ns
Dissolved Oxygen (mg/L)	na	na	ns	ns	ns	**3.9**	**8.3**	**5.75**	ns	ns	ns	ns	ns	ns	ns	**5.7**	ns
Turbidity (ntu)	na	na	ns	ns	ns	**2.6**	**990.0**	**7.3**	ns	ns	ns	ns	ns	ns	ns	**50**	ns
Temperature (°C)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	**10**	ns
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Monitoring Well ID / Geological Unit of Well Screen / Sampling Event Date	NH AGQS	ROD ICL	TRY_MW-801 Overburden		TRY_MW-802 Overburden		TRY_MW-803 Overburden		TRY_MW-804 Overburden				TRY_MW-805 Overburden		TRY_MW-A28 Overburden
			Jun-11	Jun-13	Jun-11	Jun-13	Jun-11	Jun-13	Jun-11	Jun-11 DUP	Jun-13	Jun-13 DUP	Jun-11	Jun-13	Jun-13
NA - Laboratory															
Methane (µg/L)	na	na	**1200**	ns	**1400 J***	ns	**4100**	ns	**710**	**1800**	ns	ns	**1200**	ns	ns
Ethane (µg/L)	na	na	**0.082**	ns	**0.024 J**	ns	**0.031**	ns	**0.015 J**	**0.071**	ns	ns	**0.011 J**	ns	ns
Ethene (µg/L)	na	na	**0.096**	ns	**0.15 J***	ns	**0.1**	ns	**0.12**	**0.1**	ns	ns	**0.065**	ns	ns
Alkalinity (mg/L)	na	na	**126**	ns	**118**	ns	**255**	ns	**155**	**153**	ns	ns	**224**	ns	ns
Chloride (mg/L)	na	na	**3.2**	ns	**3.4**	ns	**3.9**	ns	<3.0	<3.0	ns	ns	**4.6**	ns	ns
Nitrite-Nitrogen (mg/L)	1	na	<0.050	ns	<0.050	ns	**0.083**	ns	**0.061**	**0.062**	ns	ns	**0.092**	ns	ns
Nitrate+Nitrite-Nitrogen (mg/L)	na	na	<0.050	ns	<0.050 J	ns	<0.050 J	ns	<0.050 J	<0.050 J	ns	ns	<0.050 J	ns	ns
Nitrate-Nitrogen (mg/L)	10	na	<0.050	ns	<0.050 J	ns	<0.050 J	ns	<0.050 J	<0.050 J	ns	ns	<0.050 J	ns	ns
Sulfate, as SO4 (mg/L)	500	na	**32**	ns	**37**	ns	**3.8**	ns	**41**	**41**	ns	ns	**4.3**	ns	ns
Total Organic Carbon (mg/L)	na	na	**8.9**	ns	**18**	ns	**57**	ns	**17**	**17**	ns	ns	**24**	ns	ns
Carbon Dioxide (mg/L)	na	na	**360**	ns	**290**	ns	**260**	ns	**240**	**260**	ns	ns	**270**	ns	ns
Volatile Fatty Acids (mg/L)															
Acetic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Butyric acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Lactic acid and HIBA	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pentanoic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Propionic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Pyruvic acid	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
NA - Field Screening															
pH (SU)	na	na	**5.7**	**5.7**	**5.8**	**5.8**	**6.2**	**6.2**	**5.7**	ns	**5.8**	ns	**6.3**	**6.3**	ns/ir
ORP (mV)	na	na	**79**	**55**	**30**	**51**	**-71**	**-50**	**15**	ns	**20**	ns	**-23**	**-28**	ns/ir
Specific Conductance (µS/cm)	na	na	**313**	**324**	**407**	**444**	**729**	**701**	**422**	ns	**380**	ns	**662**	**550**	ns/ir
Dissolved Oxygen (mg/L)	na	na	**0.9**	**1.0**	<0.5	**0.8**	<0.5	**1.0**	<0.5	ns	**0.9**	ns	**1.8**	<0.5	ns/ir
Turbidity (ntu)	na	na	<5	<5	<5	**9**	<5	**8**	<5	ns	<5	ns	<5	<5	ns/ir
Temperature (°C)	na	na	**14**	**12**	**14**	**12**	**12**	**13**	**12**	ns	**11**	ns	**12**	**11**	ns/ir
Ferrous Iron (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Nitrate (mg/L)	na	na	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

TABLE 6B - SUMMARY OF DETECTED COMPOUNDS IN GROUNDWATER SAMPLES - NA PARAMETERS
Troy Mills Landfill Superfund Site
Troy, New Hampshire

TABLE KEY:
AGQS = Ambient Groundwater Quality Standards included in Env-Or 600 - Contaminated Site Management (Env-Or 603.3)
ROD ICL = Record of Decision, Interim Cleanup Levels
NA = Natural Attenuation
na = no standard applies.
ns = not sampled.
ns/ir = insufficient recharge well, field parameters were not collected
< = analyte not detected above the laboratory reporting limit
ORP = Oxidation Reduction Potential
µg/L = micrograms per Liter
mg/L = milligrams per Liter
SU = Standard Units
mV = milliVolts
µS/cm = micro Siemens per centimeter
ntu = Nephelometric Turbidity Units
^{o}C = degrees Celsius
J = estimated concentration qualified by the laboratory (NHDPHS, EPA, or Microseeps) or by the Environmental Data Services, see laboratory report for explanation
J* = estimated field measurement qualified by GZA due to end of day calibration check issues or failure of parameter to stabilize, or estimated concentration qualified by GZA due to observed field conditions
UJ = the compound was analyzed for, but not detected, the associated numerical value is the estimated sample quantitation limit. UJ is used for data qualified by Environmental Data Services.

GENERAL NOTES:
1. Groundwater samples collected in June 2013 were collected using bladder pumps and dedicated tubing, with the exception of TRY_MW-A28, which was sampled using a peristaltic pump and dedicated tubing.
2. **Bold** indicates that the concentration was detected above the laboratory reporting detection limit. Shading indicates that the concentration exceeds the AGQS and/or ROD ICL.
3. The low-flow field screening parameter readings reported represent the last round of readings prior to sample collection.

SPECIFIC NOTES:
1. Well TRY_MW-201P had LNAPL observed during the June 2013 groundwater level round; therefore, it was not sampled during the monitoring round.

TABLE 7 - SUMMARY OF DETECTED COMPOUNDS IN LEACHATE SAMPLES
Troy Mills Landfill Superfund Site
Troy, New Hampshire

Leachate Sample Location ID	NH	NH	ROD	TRY_SW-LEACHATE									
Sampling Event Date	AGQS	SWQC [1]	ICL	Dec-06	May-07	Jul-08	Nov-08	Jun-09	Oct-09	Jun-11	Jun-11 DUP	Jun-13	Jun-13 DUP
SVOCs of Concern (µg/L)													
Bis(2-ethylhexyl) phthalate	6	3 [2]	40	<10	<10	**16**	**5.2**	<5.0	<5.0	<5.0	<5.0	<5.0	**5.2**
VOCs (µg/L)													
Ethylbenzene	700	32,000	na	**23.5**	**23**	**26**	**23**	**23**	**23**	**23**	**23**	**14**	**14**
n-Propylbenzene	260	na	na	**15.5**	**14.5**	**18**	**16**	**16**	**16**	**17**	**17**	**8.9**	**8.5**
n-Butylbenzene	260	na	na	**6.4**	**6.3**	**6.7**	**6.1**	**5.7**	**5.6**	**5.7**	**5.8**	<2.0	<2.0
m/p-Xylene	10,000 [3]	na	na	<2	<2	<2.0	<2.0	<2.0	**2.7**	<2.0	<2.0	<2.0	<2.0
sec-Butylbenzene	260	na	na	**8.5**	**8.1**	**10**	**9.1**	**8.4**	**8.5**	**9.6**	**10**	**8.4**	**7.9**
cis-1,2-Dichloroethene	70	11,600	na	**21**	**16**	**16**	**14**	**8.5**	**9.6**	**5.0**	**5.0**	**2.1**	**2.0**
Naphthalene	20	620	na	**12.5**	**11**	**10.3**	**12**	<2.0	**9.8**	**2.8**	**3**	<2.0	<2.0
1,2,4-Trimethylbenzene	330	na	na	**7.4**	**36**	**9.6**	**6.0**	**2.9**	<2.0	**4.0**	**4.1**	<2.0	<2.0
t-Butylbenzene	260	na	na	**2.3**	**2.2**	**2.9**	**2.5**	**2.1**	**2.4**	**2.8**	**2.9**	**2.3**	**2.3**
Isopropylbenzene (cumene)	800	na	na	**10**	**12**	**13**	**11**	**11**	**12**	**12**	**12**	**8.8**	**8.4**
p-Isopropyltoluene (4-cymene)	260	na	na	**7.4**	**8.6**	**7.3**	<2.0	**12**	**3.1**	<2.0	<2.0	<2.0	<2.0
Total VOCs (µg/L)	na	na	na	**114**	**138**	**119**	**99**	**88**	**93**	**82**	**83**	**45**	**43**
Metals (mg/L)													
Manganese	0.84	na	na	**7.92**	**7.22**	**7.60**	**7.75**	**6.12**	**6.4**	**5.73**	**5.77**	**4.47**	**4.31**
Hardness	na	na	na	*ns*	*ns*	*ns*	**112.6**	**104.8**	**102.8**	**113.5**	**112.3**	**96.63**	**95.07**

TABLE KEY:

VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
µg/L = micrograms per liter
mg/L = milligrams per liter
na = no standard applies.

AGQS = Ambient Water Quality Standards included in Env-Or 600 - Contaminated Site Management (Env-Or 603.03).
SWQC = Surface water Quality Criteria
ROD ICL = Record of Decision, Interim Cleanup Levels
ns = not sampled.

GENERAL NOTES:

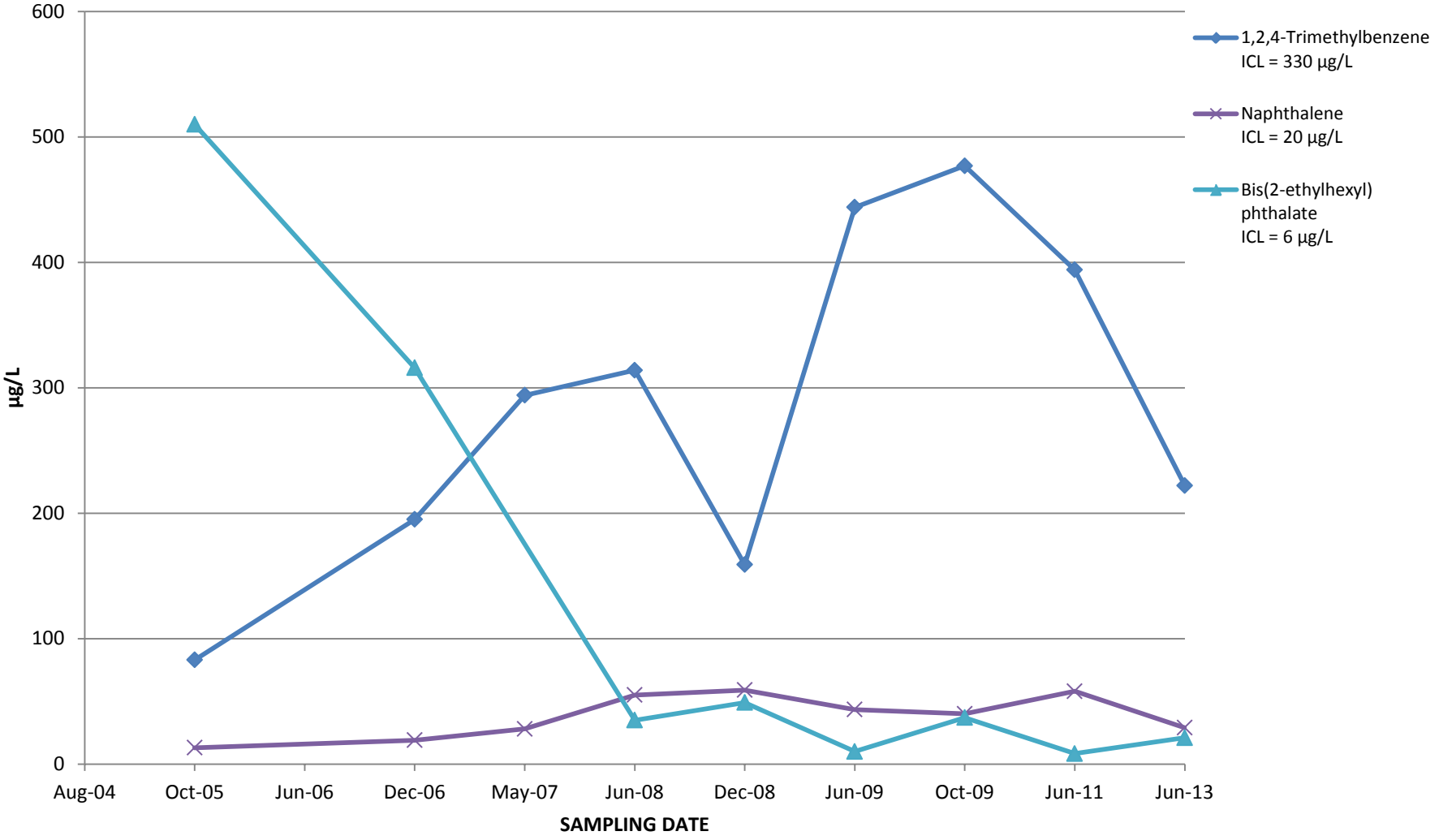
1. The analytical test methods for each compound are as follows: VOCs by SW-846 8260B, SVOCs by Method SW-846 8270C, and Metals and Hardness by EPA 200.7.
2. **Bolding** indicates that the concentration was detected; Shading indicates that the concentration exceeds the SWQC, AGQS, and/or the ROD ICL.

SPECIFIC NOTES:

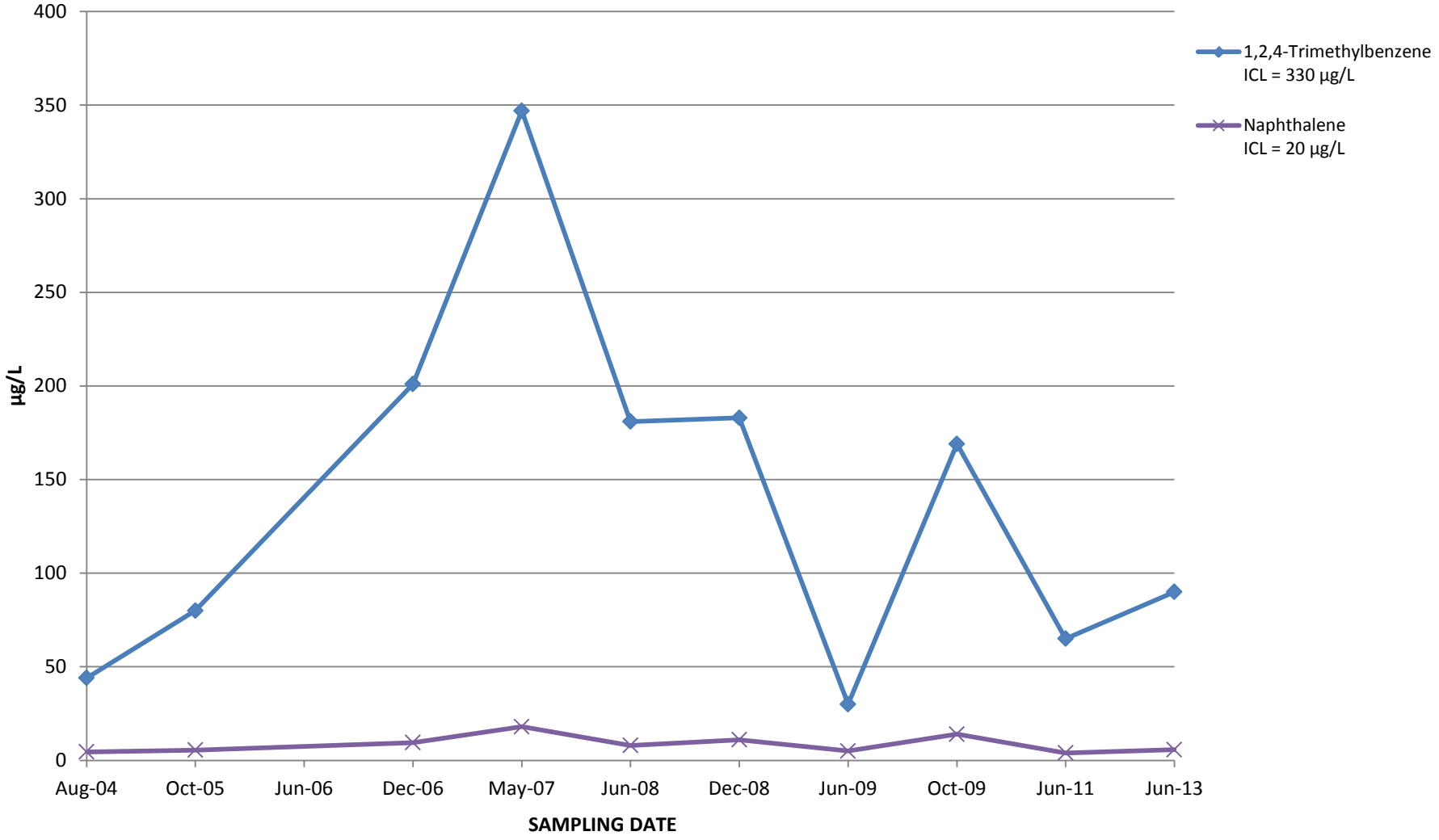
1. Surface Water Quality Criteria (SWQC) were obtained from the NHDES' Surface Water Quality Regulations (Env-Wq 1703.21 Water Quality Criteria for Toxic Substances) and assumes the Protection of Aquatic Life in Freshwaters with chronic criteria. If a chronic criteria standard has not been established, the Freshwater Acute Criteria was used.
2. The laboratory cannot achieve the action limit for the only leachate Contaminant of Concern, Bis (2-ethylhexyl) phthalate. As the concentrations approach the action limits, an evaluation of the need for alternative test methods that could achieve the necessary RDLs will be needed.
3. The individual xylene isomers (m/p-xylene and o-xylene) do not have separate AGQS values; the AGQS for xylene (mixed isomers) is 10,000 µg/L.

GRAPHS

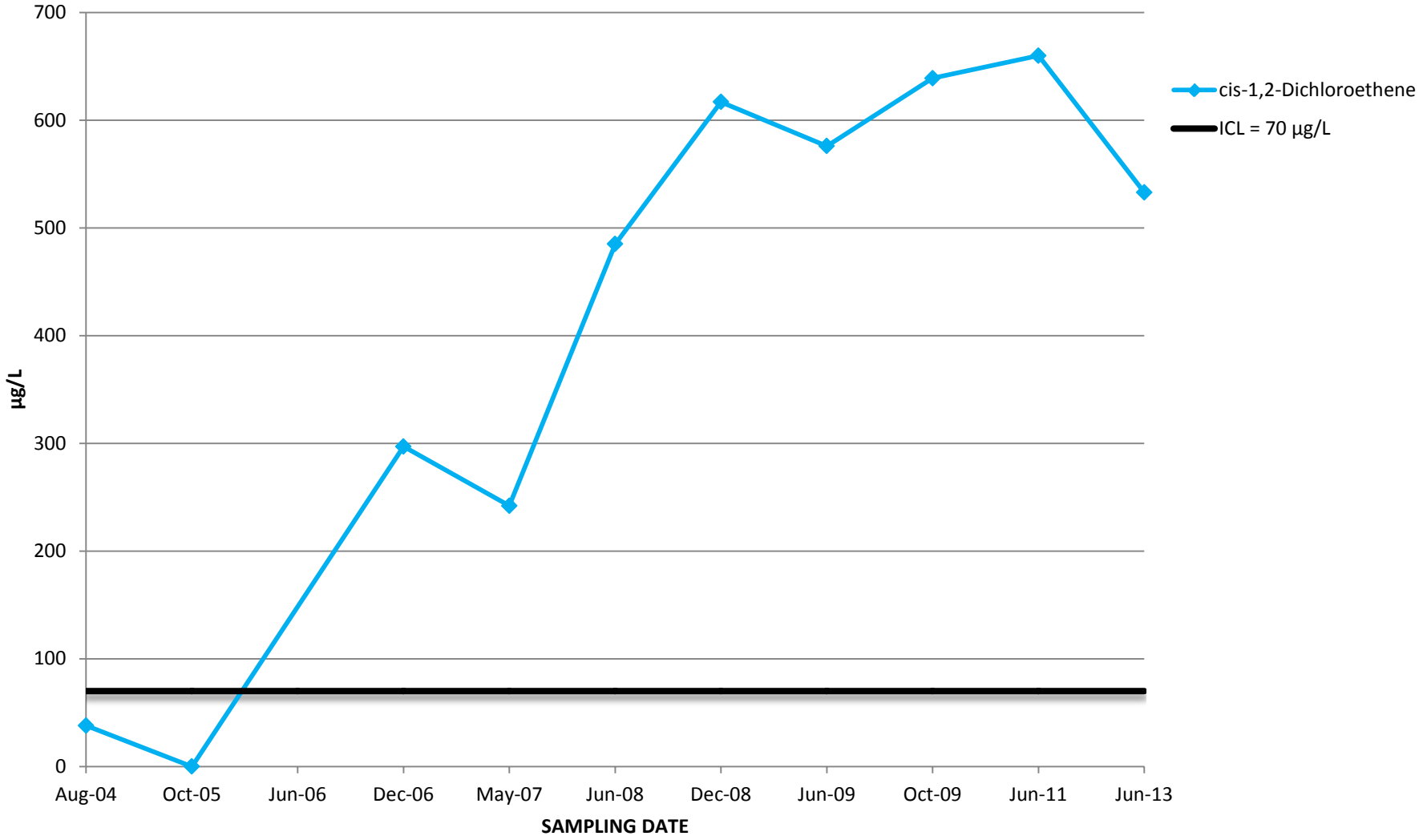
Graph 1
Interim Cleanup Levels (ICL) Exceedances at TRY_MW-205
Troy Mills Landfill Superfund Site
Concentration Trend Graph



Graph 2
Interim Cleanup Levels (ICL) Exceedances at TRY_MW-101
Troy Mills Landfill Superfund Site
Concentration Trend Graph



Graph 3
Interim Cleanup Levels (ICL) Exceedances at TRY_MW-201M
Troy Mills Landfill Superfund Site
Concentration Trend Graph



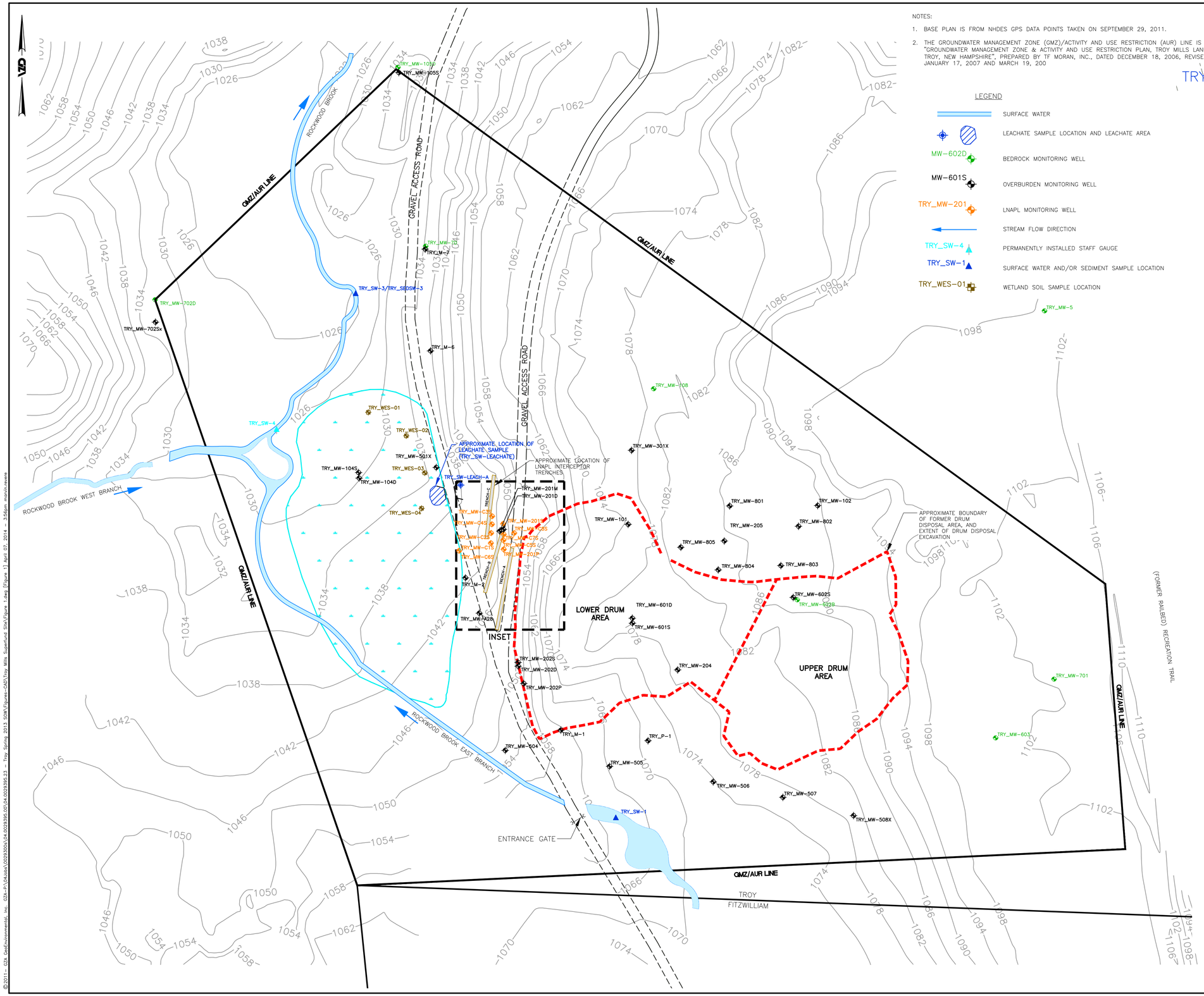
FIGURES

NOTES:

1. BASE PLAN IS FROM NHDES GPS DATA POINTS TAKEN ON SEPTEMBER 29, 2011.
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 200

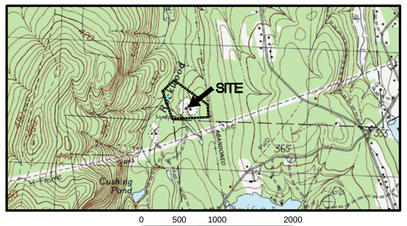
LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- TRY_MW-201 — LNAPL MONITORING WELL
- STREAM FLOW DIRECTION
- TRY_SW-4 — PERMANENTLY INSTALLED STAFF GAUGE
- TRY_SW-1 — SURFACE WATER AND/OR SEDIMENT SAMPLE LOCATION
- TRY_WES-01 — WETLAND SOIL SAMPLE LOCATION



INSET

0 10 20 40
GRAPHIC SCALE IN FEET



0 500 1000 2000
GRAPHIC SCALE IN FEET
LOCUS PLAN

NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL SUPERFUND SITE

TROY, NEW HAMPSHIRE

LOCUS AND SITE EXPLORATION PLAN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 1
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 1 OF 6

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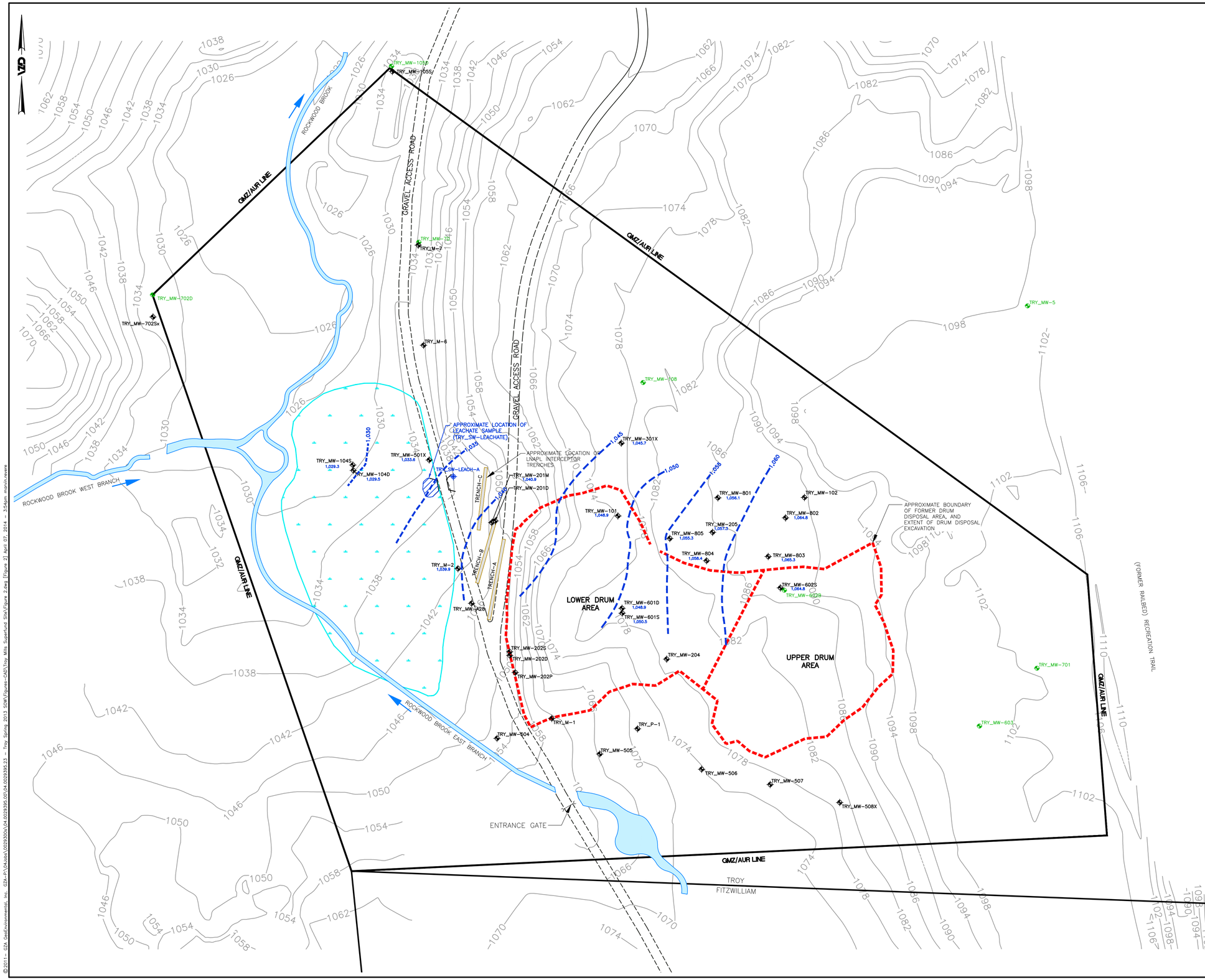
NOTES:

1. BASE PLAN IS FROM NHDES GPS DATA POINTS TAKEN ON SEPTEMBER 29, 2011.
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 2000.
3. GROUNDWATER ELEVATION DATA IS CALCULATED FROM THE DATA FROM THE JUNE 2013 GROUNDWATER LEVEL MEASUREMENT ROUND. GZA NOTES THAT THE JUNE 2013 WATER LEVEL ROUND WAS A LIMITED ROUND CONSISTING ONLY OF WELLS SAMPLED DURING 2013.



LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- STREAM FLOW DIRECTION
- ESTIMATED GROUNDWATER ELEVATION CONTOURS
- 1,045.7 — GROUNDWATER ELEVATION

0 30 60 120
GRAPHIC SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL SUPERFUND SITE

TROY, NEW HAMPSHIRE

OVERBURDEN GROUNDWATER CONTOURS JUNE 3, 2013

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 2
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 2 OF 6

©2011 - GZA GeoEnvironmental, Inc. GZA-P:\04Jobs\0029300s\04.0029395.00\04.0029395.23 - Troy Spring 2013 SGW\Figures-CAD\Troy Mills Superfund Site\Figure 2.dwg [Figure 2] April 07, 2014 - 3:54pm mark.reverre

NOTES:

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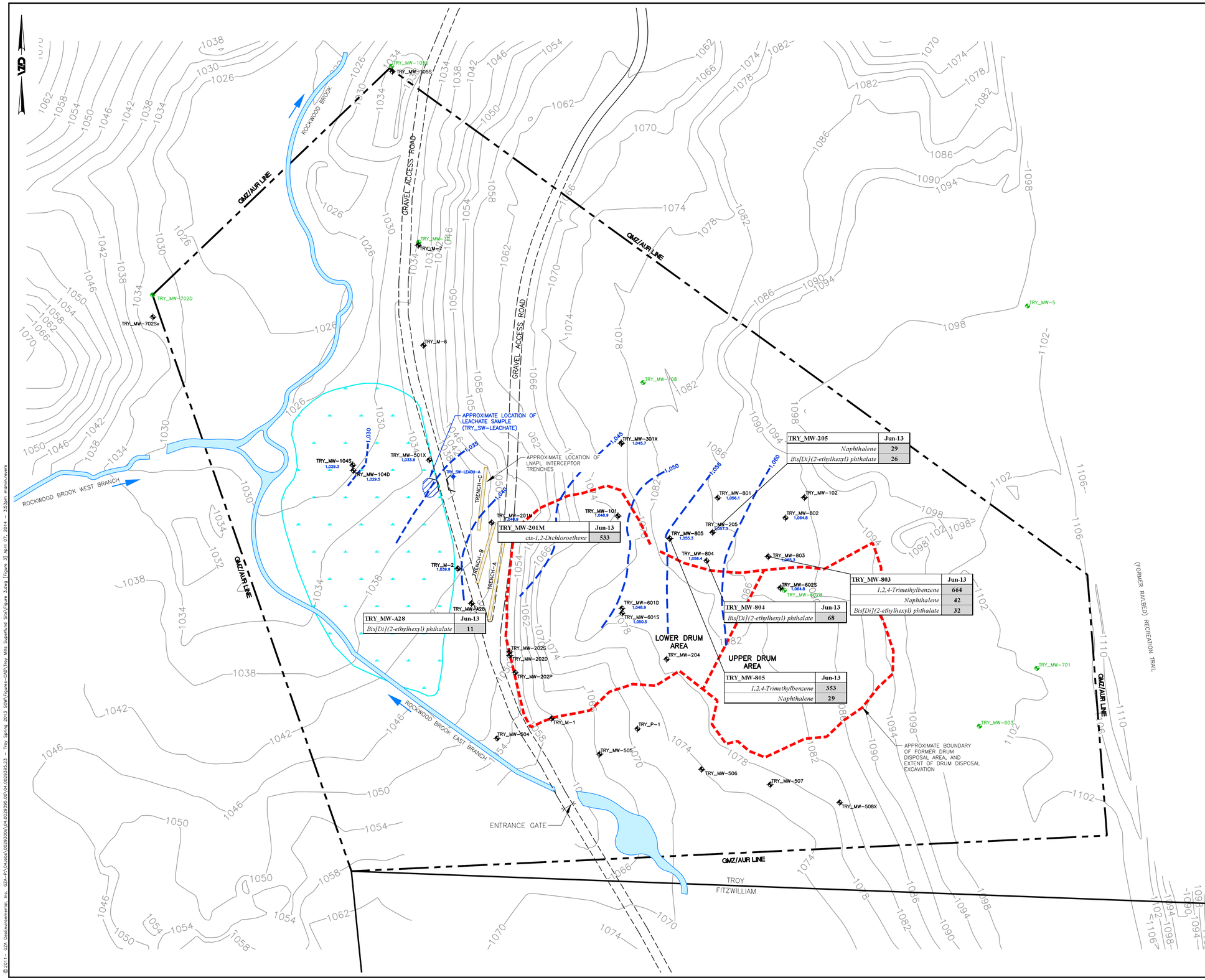
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 200
3. AGQS INDICATES AMBIENT GROUNDWATER QUALITY STANDARDS INCLUDED IN ENV-OR 600 – CONTAMINATED SITE MANAGEMENT. ROD ICL INDICATES INTERIM CONCENTRATION LIMITS ESTABLISHED IN THE RECORD OF DECISION (ROD) FOR SITE GROUNDWATER.
4. **BOLD** INDICATES THAT THE CONCENTRATION EXCEEDS THE ROD ICL. SHADING INDICATES THAT THE CONCENTRATION EXCEEDS THE AMBIENT GROUNDWATER QUALITY STANDARDS. REFER TO THE ACTION LIMITS ON THE TABLE PROVIDED IN THE FIGURE.
5. IF A DUPLICATE SAMPLE WAS TAKEN, THE HIGHER OF THE TWO VALUES WAS USED ON THIS FIGURE.
6. GROUNDWATER ELEVATION DATA IS CALCULATED FROM THE DATA FROM THE JUNE 2013 GROUNDWATER LEVEL MEASUREMENT ROUND. GZA NOTES THAT THE JUNE 2013 WATER LEVEL ROUND WAS A LIMITED ROUND CONSISTING ONLY OF WELLS SAMPLED DURING 2013.

LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- STREAM FLOW DIRECTION
- VOC — VOLATILE ORGANIC COMPOUND
- SVOC — SEMI-VOLATILE ORGANIC COMPOUND
- ESTIMATED GROUNDWATER ELEVATION CONTOURS
- 1,045.7 — GROUNDWATER ELEVATION

Compound		AGQS/ROD ICL
VOC	*cis-1,2-Dichloroethene*	70
VOC	*1,2,4-Trimethylbenzene*	330
VOC	*1,3,5-Trimethylbenzene*	330
VOC	*Naphthalene*	20
VOC	*n-Propylbenzene*	260
SVOC	*Bis[Di](2-ethylhexyl) phthalate*	6
SVOC	*Naphthalene*	20

* VOC & SVOC DATA ON THIS FIGURE IS REPORTED IN MICROGRAMS PER LITER (µg/L).



TRY_MW-205	Jun-13
Naphthalene	29
Bis[Di](2-ethylhexyl) phthalate	26

TRY_MW-201M	Jun-13
cis-1,2-Dichloroethene	533

TRY_MW-A28	Jun-13
Bis[Di](2-ethylhexyl) phthalate	11

TRY_MW-804	Jun-13
Bis[Di](2-ethylhexyl) phthalate	68

TRY_MW-803	Jun-13
1,2,4-Trimethylbenzene	664
Naphthalene	42
Bis[Di](2-ethylhexyl) phthalate	32

TRY_MW-805	Jun-13
1,2,4-Trimethylbenzene	353
Naphthalene	29

0 30 60 120
GRAPHIC SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL SUPERFUND SITE

TROY, NEW HAMPSHIRE

EXCEEDANCES OF THE AGQS/ROD ICL FOR VOCs AND SVOCs IN GROUNDWATER (2013)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 3
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 3 OF 6

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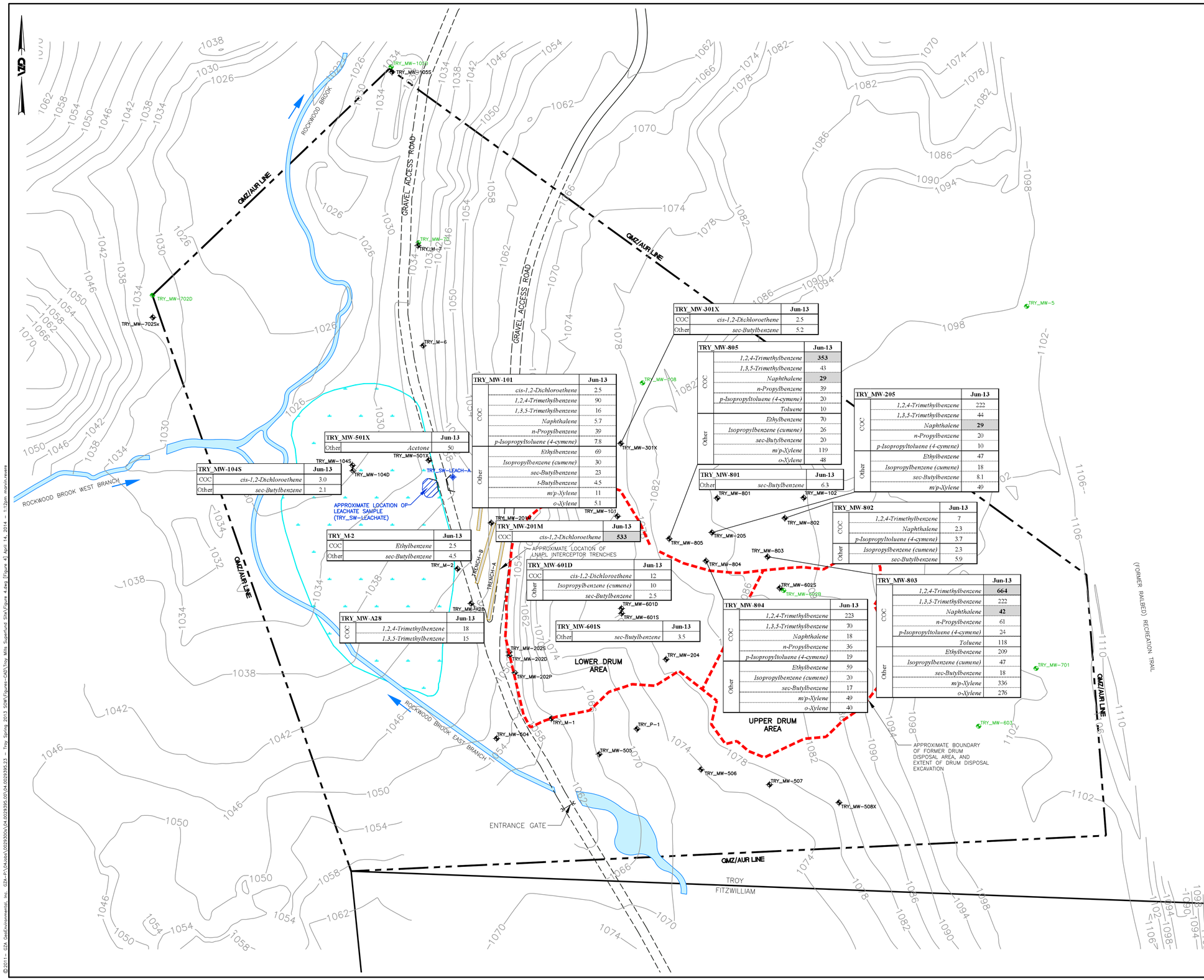


TRY_MW-101		Jun-13
COC	cis-1,2-Dichloroethene	2.5
	1,2,4-Trimethylbenzene	90
	1,3,5-Trimethylbenzene	16
	Naphthalene	5.7
	n-Propylbenzene	39
	p-Isopropyltoluene (4-cymene)	7.8
Other	Ethylbenzene	69
	Isopropylbenzene (cumene)	30
	sec-Butylbenzene	23
	t-Butylbenzene	4.5
	m/p-Xylene	11
	o-Xylene	5.1

TRY_MW-501X		Jun-13
Other	Acetone	50

TRY_MW-104S		Jun-13
COC	cis-1,2-Dichloroethene	3.0
Other	sec-Butylbenzene	2.1

TRY_M-2		Jun-13
COC	Ethylbenzene	2.5
Other	sec-Butylbenzene	4.5

TRY_MW-A28		Jun-13
COC	1,2,4-Trimethylbenzene	18
	1,3,5-Trimethylbenzene	15

TRY_MW-201M		Jun-13
COC	cis-1,2-Dichloroethene	**533**

TRY_MW-601D		Jun-13
COC	cis-1,2-Dichloroethene	12
Other	Isopropylbenzene (cumene)	10
	sec-Butylbenzene	2.5

TRY_MW-601S		Jun-13
Other	sec-Butylbenzene	3.5

TRY_MW-301X		Jun-13
COC	cis-1,2-Dichloroethene	2.5
Other	sec-Butylbenzene	5.2

TRY_MW-805		Jun-13
COC	1,2,4-Trimethylbenzene	**353**
	1,3,5-Trimethylbenzene	43
	Naphthalene	**29**
	n-Propylbenzene	39
	p-Isopropyltoluene (4-cymene)	20
	Toluene	10
Other	Ethylbenzene	70
	Isopropylbenzene (cumene)	26
	sec-Butylbenzene	20
	m/p-Xylene	119
	o-Xylene	48

TRY_MW-801		Jun-13
Other	sec-Butylbenzene	6.3

TRY_MW-205		Jun-13
COC	1,2,4-Trimethylbenzene	222
	1,3,5-Trimethylbenzene	44
	Naphthalene	**29**
	n-Propylbenzene	20
	p-Isopropyltoluene (4-cymene)	10
Other	Ethylbenzene	47
	Isopropylbenzene (cumene)	18
	sec-Butylbenzene	8.1
	m/p-Xylene	49

TRY_MW-802		Jun-13
COC	1,2,4-Trimethylbenzene	7
	Naphthalene	2.3
	p-Isopropyltoluene (4-cymene)	3.7
Other	Isopropylbenzene (cumene)	2.3
	sec-Butylbenzene	5.9

TRY_MW-803		Jun-13
COC	1,2,4-Trimethylbenzene	**664**
	1,3,5-Trimethylbenzene	222
	Naphthalene	**42**
	n-Propylbenzene	61
	p-Isopropyltoluene (4-cymene)	24
	Toluene	118
Other	Ethylbenzene	209
	Isopropylbenzene (cumene)	47
	sec-Butylbenzene	18
	m/p-Xylene	336
	o-Xylene	276

TRY_MW-804		Jun-13
COC	1,2,4-Trimethylbenzene	223
	1,3,5-Trimethylbenzene	70
	Naphthalene	18
	n-Propylbenzene	36
	p-Isopropyltoluene (4-cymene)	19
Other	Ethylbenzene	59
	Isopropylbenzene (cumene)	20
	sec-Butylbenzene	17
	m/p-Xylene	49
	o-Xylene	40

NOTES:

1. BASE PLAN IS FROM NHDES GPS DATA POINTS TAKEN ON SEPTEMBER 29, 2011.
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 200
3. AGQS INDICATES AMBIENT GROUNDWATER QUALITY STANDARDS INCLUDED IN ENV-OR 600 – CONTAMINATED SITE MANAGEMENT. ROD ICL INDICATES INTERIM CONCENTRATION LIMITS ESTABLISHED IN THE RECORD OF DECISION (ROD) FOR SITE GROUNDWATER.
4. **BOLD** INDICATES THAT THE CONCENTRATION EXCEEDS THE ROD ICL. SHADING INDICATES THAT THE CONCENTRATION EXCEEDS THE AMBIENT GROUNDWATER QUALITY STANDARDS. REFER TO THE ACTION LIMITS ON THE TABLE PROVIDED IN THE FIGURE.
5. IF A DUPLICATE SAMPLE WAS TAKEN, THE HIGHER OF THE TWO VALUES WAS USED ON THIS FIGURE.

LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- STREAM FLOW DIRECTION

Compound		AGQS	ROD ICL
VOCs of Concern (COC)	cis-1,2-Dichloroethene	70	70
	1,2,4-Trimethylbenzene	330	330
	1,3,5-Trimethylbenzene	330	330
	Naphthalene	20	20
	n-Propylbenzene	260	260
	p-Isopropyltoluene (4-cymene)	260	260
	Toluene	1,000	1,000
Other VOCs (Other)	Acetone	6,000	na
	Ethylbenzene	700	na
	Isopropylbenzene (cumene)	800	na
	sec-Butylbenzene	260	na
	t-Butylbenzene	260	na
	m/p-Xylene	10,000 *	na
	o-Xylene		na

* THE INDIVIDUAL XYLENE ISOMERS (M/P-XYLENE AND O-XYLENE) DO NOT HAVE SEPARATE AGQS VALUES; THE AGQS FOR XYLENE (MIXED ISOMERS) IS 10,000 µg/L.

NOTE:
ALL DATA ON THIS FIGURE IS REPORTED IN MICROGRAMS PER LITER (µg/L).

NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL SUPERFUND SITE

TROY, NEW HAMPSHIRE

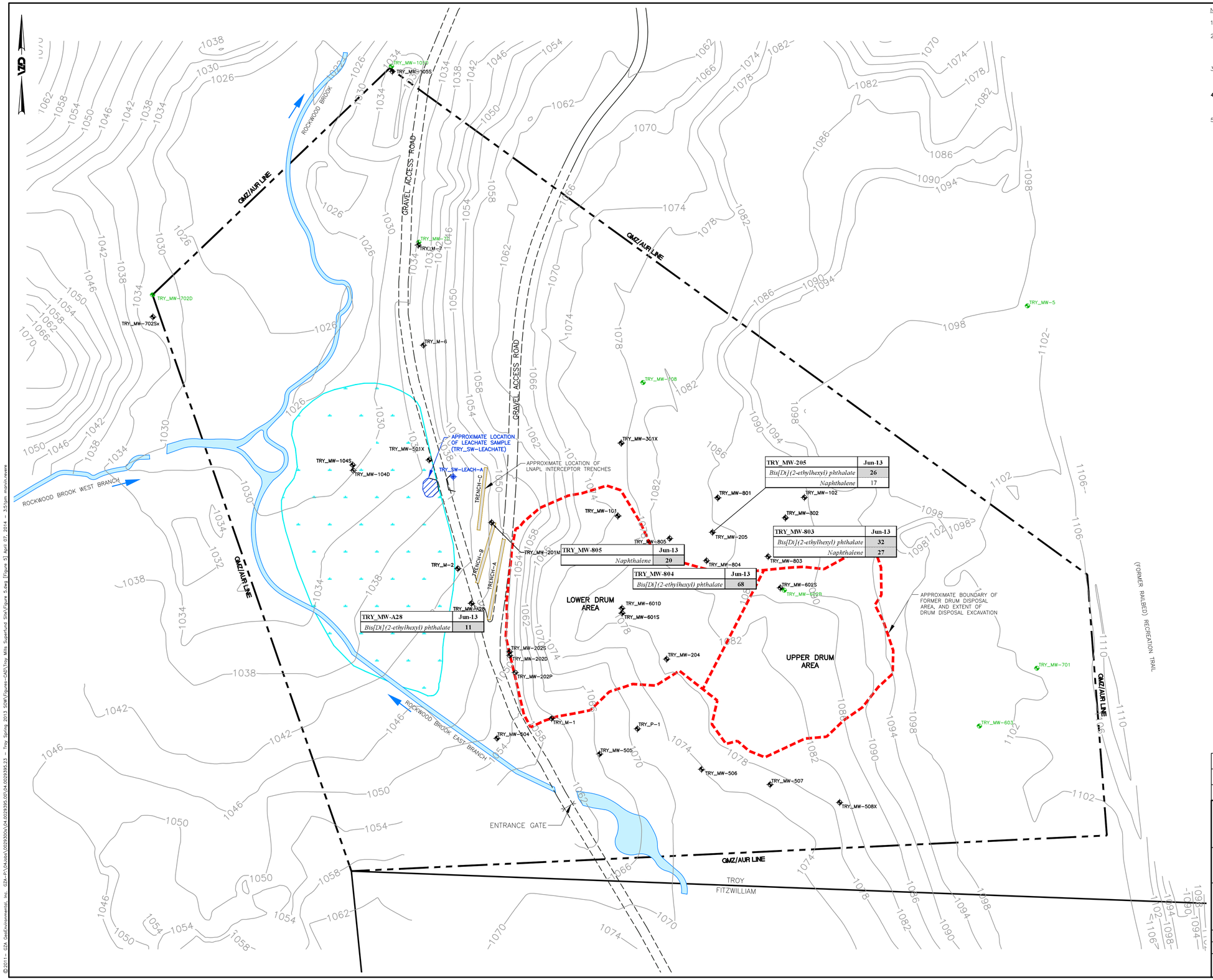
DISTRIBUTION OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER (2013)

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 4
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 4 OF 6

©2011 - GZA GeoEnvironmental, Inc. GZA-P:\04Jobs\0029395\0\04.0029395.23 - Troy Spring 2013 SSW\Figures-GIS\Troy Mills Superfund SSW\Figure 4.dwg [Figure 4] April 14, 2014 - 1:12pm mavin.evans



TRY_MW-205	Jun-13
Bis[Di](2-ethylhexyl) phthalate	**26**
Naphthalene	17

TRY_MW-803	Jun-13
Bis[Di](2-ethylhexyl) phthalate	**32**
Naphthalene	**27**

TRY_MW-805	Jun-13
Naphthalene	**20**

TRY_MW-804	Jun-13
Bis[Di](2-ethylhexyl) phthalate	**68**

TRY_MW-A28	Jun-13
Bis[Di](2-ethylhexyl) phthalate	**11**

NOTES:

1. BASE PLAN IS FROM NHDES GPS DATA POINTS TAKEN ON SEPTEMBER 29, 2011.
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 200
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LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- STREAM FLOW DIRECTION

Compound	AGQS/ROD ICL
Bis[Di](2-ethylhexyl) phthalate	6
Naphthalene	20

* ALL DATA ON THIS FIGURE IS REPORTED IN MICROGRAMS PER LITER (µg/L).

NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL
SUPERFUND SITE

TROY, NEW HAMPSHIRE

DISTRIBUTION OF SEMI-VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER (2013)

PREPARED BY:
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PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 5
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 5 OF 6

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NOTES:

1. BASE PLAN IS FROM NHDES GPS DATA POINTS TAKEN ON SEPTEMBER 29, 2011.
2. THE GROUNDWATER MANAGEMENT ZONE (GMZ)/ACTIVITY AND USE RESTRICTION (AUR) LINE IS FROM "GROUNDWATER MANAGEMENT ZONE & ACTIVITY AND USE RESTRICTION PLAN, TROY MILLS LANDFILL, TROY, NEW HAMPSHIRE", PREPARED BY TF MORAN, INC., DATED DECEMBER 18, 2006, REVISED JANUARY 17, 2007 AND MARCH 19, 200
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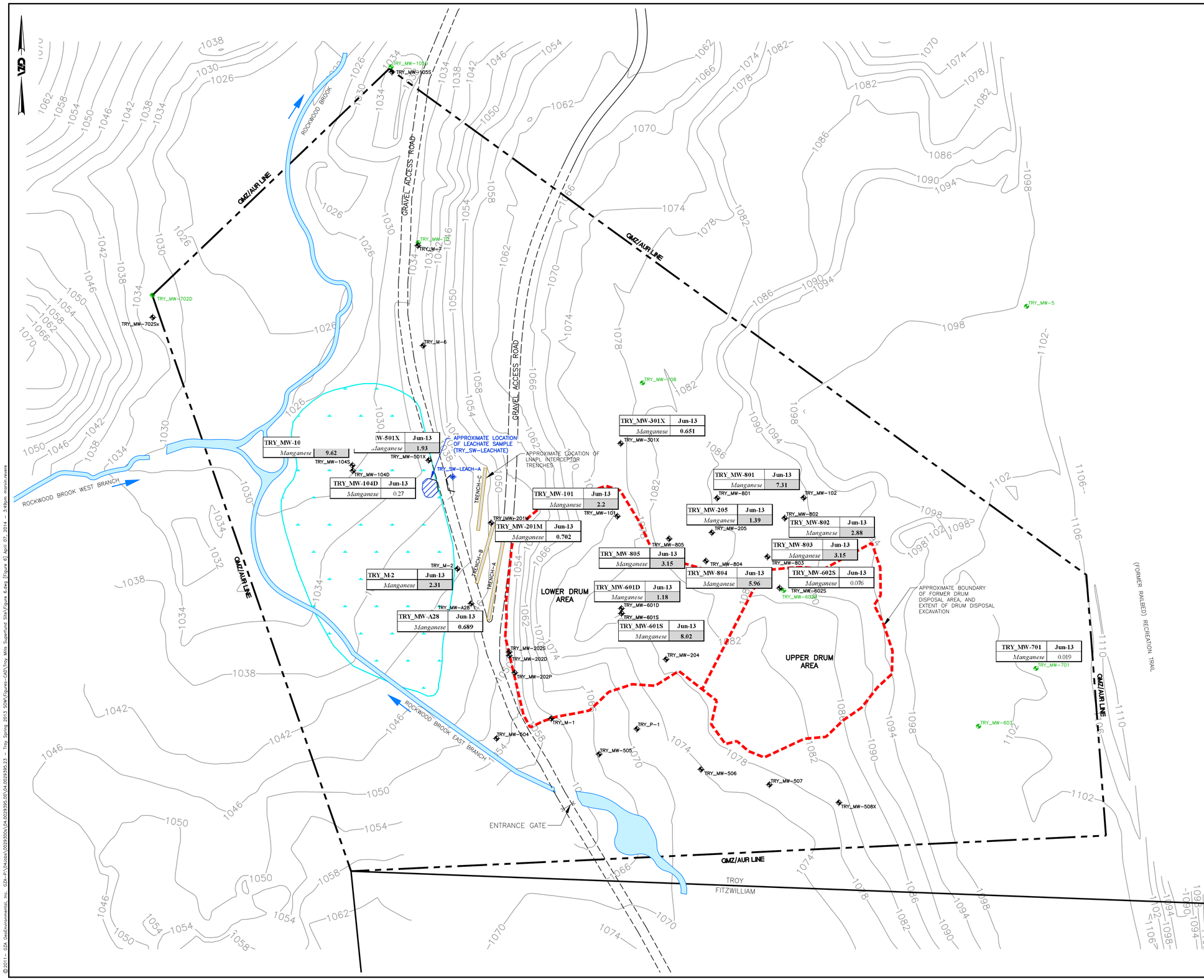
LEGEND

- SURFACE WATER
- LEACHATE SAMPLE LOCATION AND LEACHATE AREA
- MW-602D — BEDROCK MONITORING WELL
- MW-601S — OVERBURDEN MONITORING WELL
- STREAM FLOW DIRECTION

Compound	AGQS	ROD ICL
Manganese	0.84	0.3

* ALL DATA ON THIS FIGURE IS REPORTED IN MILLIGRAMS PER LITER (mg/L).



NO.	ISSUE/DESCRIPTION	BY	DATE

TROY MILLS LANDFILL SUPERFUND SITE

TROY, NEW HAMPSHIRE

DISTRIBUTION OF MANGANESE IN GROUNDWATER (2013)

PREPARED BY:

GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR: NHDES/EPA

PROJ MGR: ATD	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 6
DESIGNED BY: TPJ	DRAWN BY: MR	SCALE: 1" = 60'	
DATE APRIL 2014	PROJECT NO. 04.0029395.23	REVISION NO.	SHEET NO. 6 OF 6

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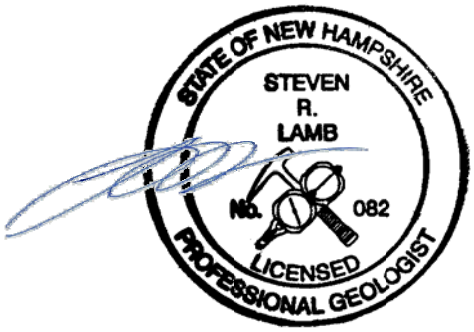
DES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, NH 03302-0095

JUNE 2013 MONITORING REPORT
VOLUME II OF II
TROY MILLS LANDFILL SUPERFUND SITE
TROY, NEW HAMPSHIRE
NHDES NO. 198405082
CERCLIS ID NO. NHD980520217



Prepared For:
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Environmental Services
Waste Management Division
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Contact Number: Ms. Robin Mongeon
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Contact Name: Ms. Amy T. Doherty, P.G.
Contact Email: amy.doherty@gza.com

Date of Report: April 9, 2014

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Prepared for:

New Hampshire Department of Environmental Services
Hazardous Waste Remediation Bureau
Concord, New Hampshire

and

United States Environmental Protection Agency Region I
Boston, Massachusetts

JUNE 2013 MONITORING REPORT

Troy Mills Landfill Superfund Site

Troy, New Hampshire

NHDES NO. 198405082

CERCLIS ID No. NHD980520217

Volume II of II

Submitted April 9, 2014

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JUNE 2013 MONITORING REPORT
VOLUME II OF II
TROY MILLS LANDFILL SUPERFUND SITE
TROY, NEW HAMPSHIRE
NHDES NO. 198405082
CERCLIS ID NO. NHD980520217

PREPARED FOR:
New Hampshire Department of Environmental Services
Hazardous Waste Remediation Bureau
Concord, New Hampshire

and

United States Environmental Protection Agency Region I
Office of Site Remediation and Restoration
Boston, Massachusetts

PREPARED BY:
GZA GeoEnvironmental, Inc.
Manchester, New Hampshire

April 2014
File No. 04.0029395.23

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APPENDIX A

LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

Use of Report

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

Standard of Care

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

Subsurface Conditions

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs.

6. Water level readings have been made in test holes (as described in the Report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

Compliance with Codes and Regulations

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

Screening and Analytical Testing

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

Interpretation of Data

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

Additional Information

12. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

Conceptual Site Model

14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over time, and/or space, may vary from those depicted in the CSM provided in this report. In addition, the CSM should be evaluated and refined (as appropriate) whenever significant new information and/or data is obtained.

APPENDIX B

FIELD NOTES FROM LOG BOOKS

Troy, NH 04.0029395.23

Weather: overcast to sunny, high 70s

Purpose: WL/LNAPL Round, prep for sampling

1230 onsite w/ HAR, Gator at gate already

- checked gates for locks + size for excavator access. Only 2 gates; gate by Depot unlocked.
- Performed Water level and LNAPL measurement rounds
- TRY_MW-101 casing is SAP listed measuring point but PVC is higher. Has a geotech pump not T1250. Always has large wasp nest in lid.
- All locks on pre-2011 wells need to be rehabilitated/replaced: locks difficult to open + close
- see WL + LNAPL sheets for lock types at each well.
- TRY_MW-201P contained LNAPL

1830 offsite w/ HAR

Troy, NH 04.0029395.23

weather: partly cloudy/sunny, high 60s/low 70s, light wind

Purpose: annual gw sampling

655 onsite TPJ + HAR

- Meet Enpro w/ excavator @ Depot gate, will wait for Rebecca Cox (RC)
- HAR starts cal check, TPJ start setup for day

815 TPJ
930 went to site entrance to conduct H+S tailgate w/ Enpro and RC. They will be removing gates to get excavator on-site.

945 started setup @ TRY_MW-104S.

- Discovered the quick connect is missing from the regulator, asked RC to find one @ a hardware store. Will sample leachate while waiting
- Photos of Leachate: Photo 1: leach location overview; Photo 2: Leach Pool (facing W); Photo 3: Leach Pool from road, heavily overgrown access. ~~Photo~~ TPJ

TPJ

Troy, NH 04.00.29395.23

photo 3. TRY_SW-LEACHA facing NE

TRY_SW-LEACHATE sampled 1100 - 1130

- Assist HAR w/ her well (TRY_MW-201M)

* note TRY_201P not to be sampled due to LNAPL

- 1115 ENRO offsite

- decomed equip, measured tubing for TRY_MW-501x

1300 RC arrives w/ part for regulator

1330 RC offsite

- Return to TRY_MW-104 series to setup

- pallets across swampy area near wells becoming a trip hazard as they degrade

- staff gauge not accessible due to high water conditions from beaver flooding

- TRY_MW-104S and TRY_MW-104D sampled with no issues, removed N_2 tank

TPJ 1810 collected Equipment blank on O/W Probe

1830 TPJ & HAR offsite

TPJ

Troy, NH 04.0029395.23

Weather: Sunny, 70s, breezy

Purpose: continued gw sampling

0645 onsite w/ HAR, RC already at gate

HAR start cal check, TPJ start setup

~715 Enpro, Amy Doherty + Steve Raymond (GZA) onsite

0830 HAR to get grab sample from TRY_MW-501x before excavation starts at Trench area

0900 setup on TRY_MW-601S, gasket on ~~MP-20~~ VSI TPJ

bad HAR to get new one. setup for TRY_MW-601D grab sample in meantime

- No problems w/ TRY_MW-601 series wells sampling

~1330 set up on TRY_MW-505, no issues w/ well sampling

1730 offsite w/ HAR

TPJ

Troy, NH 04.0029395.23

weather: overcast, 70s, windy at times

Purpose: cont gw sampling

0650 onsite w/ HAR

- HAR assembled SamplePROs + performed cal check, TPJ on setup

- May need to help cover test pitting if activities go long

0830 head to wells: HAR setup on ~~TRY MW-8~~ TPJ TRY_MW-804 w/ OVA

TPJ setup on TRY_MW-701 - pulled long term N_2 tank + replaced lock w/ new 5402 keyed lock

1000 signed COCs for yestedays coolers, Robin Mongeon will take to lab

1100 setup on TRY_MW-101

- small diameter well w/ geotech bladder pump, only ~60 ml capacity, was able

TPJ

Troy, NH 04.0029395.23

to get each VOA filled w/ one push of bladder

1400 set up on TRY_MW-602S

- WL only 0.15 ft above well screen, ATO okayed to attempt low flow. Well is insufficient recharge. Allowed to recharge for ~40 minutes, WL came up 0.1' of the 0.43 feet required

1535 packed up well; HAR finished well (TRY_MW-803) at same time.

- HAR starts afternoon cal check; TPJ start cooler check

- assist ATO w/ packup from T-pits; HAR will be on-site tomorrow (Friday 6/7) to oversee overpacking of drum + contaminated soil + rebuild of railroad trail gate

1700 offsite w/ HAR

TPJ

(32) Troy Mills LF SF/NHDES 6/10/13

Troy, NH 04.0029395.23

Weather: overcast, 60s-70s, breezy, rain in afternoon

Purpose: cont. gw sampling

0810 onsite w/ HAR

- HAR start cal check; TPJ to store for gas + ice then prep for sampling

1000 HAR to TRY MW-801, TPJ to TRY_MW-A28

- A28 a 1.5" well, will sample w/ peri pump
- Insufficient recharge well; may be able to stabilize next time sampled after this development; appeared close to stabilization at cut off.

1210 set up on TRY_MW-301x

- no issues w/ sampling at well.

1520 set up on TRY_MW-602S for grab sample

- no issues w/ sampling at well

1745 offsite w/ HAR

TPJ

Troy Mills LF SF/NHDES 6/11/13 (33)

Troy, NH 04.0029395.23

Weather: light rain, 60s, overcast

Purpose: Finish gw sampling

0815 onsite w/ HAR

- stopped @ Agway first to get straw bales for T-pit area reseeding
- HAR finished decon from previous day and began packing procedures
- TPJ set up on TRY_MW-A28 for grab sample; no issues w/ well

1015 Porta Potty removed by Dave's Septic

1100 took Equipment Blank for Sample Pro

1145 reseeded bare areas left from test-pitting; covered most vulnerable areas w/ straw

1315 offsite w/ HAR; relocked newly setup entry gate to DREDD trail

TPJ

6/3/13 TROY MILLS 29395.23
TROY NH
Weather ~80° Clear
Groundwater Sampling + MW Gauging.

1230 H. Rizza + T. Justham onsite
(HAR) (TPJ)
setup staging area and prepare
for sampling tomorrow.

Begin MW gauging and LNAPL gauging
see gauging sheet.

See TPJ Field book.

HAR

6/4/13 TROY MILLS 04.0029395.23
TROY NH
weather ~50-60° Clear
0655 GW Sampling.
~~0700~~ HAK + TPJ onsite.
Begin morning YSI cal check.

R. Cox and ENPRO onsite.
TPJ went to do tailgate H+S
w/ them @ 0815

~~R. Cox offsite @~~ HAK
set up @ TRY_mw-201m
Sampled TRY_mw-201m @ 1155.

Set up at TRY_MW-501X. WL had
drawdown. Insufficient recharge,
need to come back and sample well
tomorrow when wl has recharged.
1500 set up @ TRY_M-2
1630 Sampled TRY_M-2. No Issues.
See TPJ notes for daily activities.
Completed end of day cal check.
1830 HAK + TPJ offsite

HAK

6/5/13 TROY MILLS 04.0029395.23
TROY NH
weather ~60° clear sky
Cont. GW Sampling.
0645 Onsite w/ TPJ.
Begin morning cal check
0730 set up @ TRY_mw-501X
to collect grab sample.
Completed grab sample - no issues
1015 Set up at TRY_MW-205
1205 Sampled TRY_MW-205
no issues.

Completed end of day YSI cal
check + turbidimeters.

1730 HAK + TPJ offsite.

HAK

6/6/13 TROY MILLS 04.0029395.23
TROY, NH
weather ~65°-70 cloudy
Cont. GW Sampling.
0650 HAR + TPJ onsite.
Completed morning cal checks.
0900 Begin setup at TRY-MW-804.
1035 Sampled TRY-MW-804, no issues.
1300 Setup at TRY-MW-803
1445 Sampled TRY-MW-803, no issues.
Completed end of day cal check and decon.
1700 TPJ + HAR offsite.

JHAR

6/7/13 TROY Mills 04.0029395.23
TROY, NH
weather ~60° Rain
Oversight of test pit clean up and rail gates.
0730 HAR onsite, R COX and ENPRO already onsite.
reviewed w/ RC what ENPRO is supposed to do today.
1000 RC offsite
Oversight of ENPRO - cleaning up test pit area, overpacking of drum.
ENPRO reinstalled both gates along the RR trail. took pictures.
loaded up excavator + backhoe.
ENPRO offsite @ 1455. - Tom.
Mike is still loading up excavator.
1530 Mike - ENPRO + HAR offsite.

JHAR

6/10/13 TROY MILL ot.0029395.23
TROY NH
weather ~60°-70° overcast.
cont. GW Sampling.
0810 TPJ + HAR onsite.
Begin morning cal check.
1000 Begin setup @ TRY-MW-802.
1225 Sampled TRY-MW-802, no issues.
1430 Moved to TRY-MW-801 to begin setup.
1550 Sampled TRY-MW-801. No issues.

Completed end of day cal check.
1745 HAR + TPJ offsite.

HAR

6/11/13 TROY MILLS ot.0029395.23
TROY, NH
weather ~60° Light rain.
finish GW Sampling.
0815 HAR + TPJ onsite.
See TPJ field notes for days activities.

HAR

APPENDIX C

COMPLETED FIELD MEASUREMENT FORMS

WATER LEVEL MEASUREMENT FORM

Water Level Measurement Form

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/3/13

Field Personnel: TPJ + HAR

Monitoring Well Designation	Well Type (2-in, 1.5-in etc)	Measuring Point	Reported Depth to Well Bottom (ft, referenced to measuring point)	Measured Depth To Water (ft, referenced to measuring point)	Measured Depth to Well Bottom (ft, referenced to measuring point) Only if specified in SAP.	Comments
Wells in Current Sampling Round where Comperhensive Water Level Round is to be Collected						
TRY_MW-A28	1 1/2-in PVC	PVC		9.12	~~[illegible]~~ (TPJ) 13.03	Master lock → same Record well depth from PVC as gate
TRY_M-1	1 1/2-in PVC	PVC	---	No water Level		
TRY_M-2	1 1/2-in PVC	PVC	43.9	4.50	—	Ultra Keyed lock
TRY_M-7	1 1/2-in PVC	PVC	17.3	No water Level		
TRY_MW-101	1 1/2-in PVC	~~Casing~~ PVC above casing	82	28.63	—	No lock
TRY_MW-102	2-in PVC	Casing	---	No water Level		
TRY_MW-104S	2-in PVC	PVC	17.7**/3	3.68	—	5403 Keyed lock
TRY_MW-104D	2-in PVC	PVC	53.1	3.61	—	tubing popped off 5403 Keyed lock
TRY_MW-105S	2-in PVC	PVC	9.5	No water Level		
TRY_MW-105D	2-in PVC	PVC	88.2	No water Level		
Y_MW-201M	1 1/2-in PVC	PVC	36.6	9.02		5403 Keyed lock
TRY_MW-201P	4-in PVC	Casing	---	~~7.80~~ 7.81 (Sheen)		5403 Keyed lock LNAPL
TRY_MW-202P	4-in PVC	PVC	---	No water Level		
TRY_MW-204	2-in PVC	PVC	32.82	No water Level		
TRY_MW-205	2-in PVC	PVC	39.1	30.68	—	5403 Keyed Lock
TRY_MW-301X	2-in PVC	PVC	42.8	35.25	—	
TRY_MW-501X	2-in PVC	PVC	12	6.39	—	Ultra Keyed lock
TRY_MW-508X	2-in PVC	Casing	13.9	No water Level		
TRY_MW-601S	2-in PVC	PVC	29.3	20.36	—	5403 Keyed lock
TRY_MW-601D	2-in PVC	PVC	62.1	21.56	—	5403 Keyed lock
TRY_MW-602S	2-in PVC	PVC	36	19.82	—	5403 Keyed lock
TRY_MW-602B	2-in PVC	PVC	47.5	No water Level		
TRY_MW-701	2-in PVC	PVC	78.3	6.11	—	5403 Keyed lock
TRY_MW-702SX	2-in PVC	PVC	8.7**/3	No water Level		

TRY_MW-702D	2-in PVC	PVC	47.2**/3	No water Level		
TRY_MW-801	2-in PVC	PVC	45 7	31.94		
TRY_MW-802	2-in PVC	PVC	33.5 7	26.58		
TRY_MW-803	2-in PVC	PVC	30 7	25.45		
TRY_MW-804	2-in PVC	PVC	34 7	29.28		
TRY_MW-805	2-in PVC	PVC	---	29.91		
Wells With Water Level Measurements Only - NO WATER LEVELS THIS ROUND						
TRY_P-1	2-in PVC	PVC	---	No water Level		
TRY_M-3	1 1/2-in PVC	PVC	31.4	No water Level		
TRY_M-5	1 1/2-in PVC	PVC	---	No water Level		
TRY_M-6	2-in PVC	Casing	---	No water Level		
TRY_M-7D	1 1/2-in PVC	PVC	80.8	No water Level		
TRY_MW-108	1 1/2-in PVC	Casing	---	No water Level		
TRY_MW-201D	2-in PVC	PVC	---	No water Level		
TRY_MW-202S	2-in PVC	PVC	13.6	No water Level		
TRY_MW-202D	2-in PVC	Casing	---	No water Level		
TRY_MW-502	2-in PVC	PVC	---	No water Level		
TRY_MW-504	2-in PVC	PVC	---	No water Level		
TRY_MW-505	2-in PVC	PVC	---	No water Level		
TRY_MW-506	2-in PVC	PVC	---	No water Level		
TRY_MW-507	2-in PVC	PVC	13.0**	No water Level		
TRY_MW-603	2-in PVC	PVC	5.2-15.2	No water Level		
Surface Water Location - - NO WATER LEVEL THIS ROUND						
TRY_SW-4	NA	NA	NA	No water Level	NA	

Notes:

1. "-" indicates that data was not obtained.
2. "---" = GZA included every known monitoring point within the above table. The information for numerous locations have been left blank as GZA does not have the data for those monitoring locations at this time.
3. GZA notes that there appears to be a minor discrepancy between the historical information regarding the bottom of screen/well and that which was measured in July 2008 by GZA in three wells (TRY_MW-702S, TRY_MW-702D, & TRY_MW-104S).

4 ndicates downhole information was not verified during the October 8, 2008 camera Survey.

5. = not applicable
6. The depth of water measurement at TRY_SW-4 is reference to the permanently installed stream gage at that location

7. NO WATER LEVELS IN THESE WELLS DURING THE JUNE 2013 SAMPLING ROUND

8. New Well - Well log hasd depth from below ground surface. Need to record depth from Top of PVC

LNAPL THICKNESS MEASUREMENT FORM

LNAPL Thickness Measurement Form

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/3/13

Field Personnel: TPJ/HAR

Monitoring Well Designation	Well Type (2-in, 1.5-in etc)	Measuring Point	Reported Depth to Well Bottom (ft, referenced to measuring point)	Measured LNAPL Surface (ft, referenced to measuring point)	Measured Depth To LNAPL/Water Interface (ft, referenced to measuring point)	LNAPL Thickness (feet)	Measured Depth to Well Bottom (ft, referenced to measuring point, only if specified in SAP)	Comments
Wells With LNAPL Thickness Measurements Only - THESE MEASUREMENTS ARE BEING COLLECTED IN THE JUNE 2013 SAMPLING ROUND								
TRY_MW-C1S	2-in PVC	PVC	15.0	—	7.83	—	—	All Ultra Keyed
TRY_MW-C2S	2-in PVC	PVC	17.2	—	7.56	—	—	Locks
TRY_MW-C3S	2-in PVC	PVC	17.8	—	7.52	—	—	
TRY_MW-C4S	2-in PVC	PVC	16.7	—	7.24	—	—	
TRY_MW-C5S	2-in PVC	PVC	15.0	—	8.99	—	—	
TRY_MW-C6S	2-in PVC	PVC	15.2	—	6.14	—	—	
TRY_MW-C7S	2-in PVC	PVC	15.0	—	9.33	—	—	
TRY_MW-C8S	2-in PVC	PVC	18.1	13.02	13.05	0.03 TPJ	—	
TRY_MW-201S	1 1/2-in PVC	PVC	18.2	9.37	9.97	0.60	—	
TRY_MW-201P	4-in PVC	Casing ~~PVC~~ TPJ	---	7.80	7.81	0.01	—	

LOW FLOW WELL PURGING FIELD
WATER QUALITY MEASUREMENT FORMS

LOW FLOW WELL SA[illegible]ING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-A28

Weather Conditions: Overcast, high 60s, light wind

Field Personnel: TPJ

Purging Device (pump type): Peri pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 8.03 - 13.03 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 8.83

Pump Intake (ft, ref. to measuring point): 11.1

Head Above Pump Intake (ft, ref. measuring point): 2.28

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: N/A

Total Purge Volume (gallons): 110 mL

Indicator Parameter Stabilization: yes OR no (circle one) Time: NA

Two Hour Time Limit Reached ? yes OR no (circle one)

Purging Start Time: 1027 (24 hour cycle)

Sample Time: 0930 (6/11/13) (24 hour cycle)

Time at Sample Completion: 1019 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1029	9.12	0.29	0.29	30%	—	—	—	100	NR	—	—	—	—	—	
1031	9.21	0.09	0.38	20%	—	—	—	65	NR	—	—	—	—	—	
1033	9.24	0.03	0.41	15%	—	—	—	57	13	159	6.0	14	1.4	20	
1038	9.29	0.05	0.46	12%	—	—	—	50	13	159	6.0	16	1.2	<5	
1043	9.34	0.05	0.51	12%	—	—	—	50	13	159	6.0	18	0.9	5	
1048	9.37	0.03	0.54	12%	—	—	—	50	13	163	6.0	18	1.0	7	
1053	9.39	0.02	0.56	12%	—	—	—	50	13	168	6.0	18	1.0	8	
1058	9.40	0.01	0.57	12%	—	—	—	47	13	171	6.0	17	1.0	8	
1103	~~Insuff.~~ 9.39	+0.01	0.56	15%	—	—	—	48	13	172	6.0	16	0.9	NR	water level dropped again after this reading +
	Insufficient Recharge. stopped pump at 1106														could not get Purge rate
6/11/13	Grab sample														back above 50 mL w/o
0927	8.73	—	—	15%	—	—	—	62	NR	—	—	—	—	—	significantly turning
1019	9.48	0.75	0.75	15%											up the pump

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Tanya P. Frost

Sampler's Signature

11.1 ft x 4.5 mL/ft = 49.5 mL

LOW FLOW WELL SA. . LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/4/13 Well ID: ~~TRY-MW~~ TRY-M-2

Weather Conditions: 60° partly cloudy

Field Personnel: Hillizzia

Purging Device (pump type): T1300 Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 7.5 - 43.9 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 4.64

Pump Intake (ft, ref. to measuring point): 16.50

Head Above Pump Intake (ft, ref. measuring point): 11.86

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 108 mL/min

Total Purge Volume (gallons): 1.5 gallons

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1625

Two Hour Time Limit Reached? yes OR no (circle one)

Purging Start Time: 1530 (24 hour cycle)

Sample Time: 1630 (24 hour cycle)

Time at Sample Completion: 1655 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1535	4.70	0.06	0.06	1	50	10	10	140	10	210	6.7	5.1	5.2	NR	
1545	4.70	0.0	0.06	1	50	10	10	140	10	217	6.1	-12	1.7	NR	
1550	4.70	0.0	0.06	1	53	7	10	105	10	219	6.1	-15	1.3	9	
1555	4.70	0.0	0.06	1	53	7	10	108	10	219	6.1	-17	1.1	6	
1600	4.70	0.0	0.06	1	53	7	10	108	11	220	6.1	-19	0.9	<5	
1605	4.70	0.0	0.06	1	53	7	10	108	10	220	6.1	-21	0.8	<5	
1610	4.70	0.0	0.06	1	53	7	10	108	10	220	6.1	-21	0.8	<5	
1615	4.70	0.0	0.06	1	53	7	10	108	10	220	6.1	-22	0.7	<5	
1620	4.70	0.0	0.06	1	53	7	10	108	10	220	6.1	-23	0.7	<5	
1625	4.70	0.0	0.06	1	53	7	10	108	10	220	6.1	-23	0.7	<5	
								HAR							

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

3/8" OD 19' x 0.0026 = 0.05 + (0.06 x 0.1632 = 0.001) = 0.051

0.03 PVC casing

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/6/13 Well ID: TRY-MW-10i

Weather Conditions: Overcast, 70s, windy

Field Personnel: TPJ

Purging Device (pump type): ~~Fitzpe~~ (TPJ) Geotech bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): ~~PVC~~ Casing (TPJ) (See Table 4) PVC (TPJ) 3/11/14

Screen Interval (ft, ref. to measuring point): 32-82 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 29.60

Pump Intake (ft, ref. to measuring point): 50.0

Head Above Pump Intake (ft, ref. measuring point): 20.4

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 53 ml/min

Total Purge Volume (gallons): 0.25 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1214

Two Hour Time Limit Reached? yes OR no (circle one)

Purging Start Time: 1135 (24 hour cycle)

Sample Time: 1220 (24 hour cycle)

Time at Sample Completion: 1325 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1139	29.66	0.06	0.06	1	~~20~~ 40 TPJ	20	45	NR							
1144	29.72	0.06	0.12	1	40	20	45	50	13	463	6.3	~~22~~ 47 TPJ	2.2	7	
1154	29.72	0.00	0.12	1	50	10	45	53	12	460	6.3	-57	0.6	5	
1159	29.72	0.00	0.12	1	50	10	45	53	12	459	6.3	-60	0.5	5	
1204	29.72	0.00	0.12	1	50	10	45	53	12	459	6.3	-62	<0.5	<5	
1209	29.72	0.00	0.12	1	50	10	45	53	12	457	6.3	-64	<0.5	<5	
1214	29.72	0.00	0.12	1	50	10	45	53	12	456	6.3	-65	<0.5	<5	
		Pause/hold = 53 ml - bladder is only ~60 ml; was able to fill VOAs w/ one push, but w/ little spillage on either end													
										TPJ					

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Tanya L Justin

Sampler's Signature

50 ft + 3 ft = 53 ft × 0.0012 gal/ft = 0.064 gal + 0.011 = 0.075 gal

0.12 ft × 0.0918 gal/ft = 0.011

LOW FLOW WELL SAMPLING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/4/13 Well ID: TRV-MW-1045

Weather Conditions: Sunny, low 70s, breezy

Field Personnel: TRJ

Purging Device (pump type): T1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 5-17 ft (See Table 4)

Purging Start Time: 1353 (24 hour cycle)

Sample Time: 1500 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 3.73

Pump Intake (ft, ref. to measuring point): 15.5 ft

Head Above Pump Intake (ft, ref. measuring point): 11.77

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: ~~1.2 gpm~~ 97 ml/min

Total Purge Volume (gallons): 1.25 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1445

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1557 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1357	3.75	0.02	0.02	1	40	20	15	NR	→						
1400 ~~1359~~ TRJ	3.75	0.00	0.02	1	40	20	15	95	12	475	6.5	11	2.9	12	Water receding ~6" into line during refill, similar to 2011
1410	3.75	0.00	0.02	1	40	20	15	95	10	403	6.3	6	0.7	7	
1420	3.75	0.00	0.02	1	40	20	15	95	11	387	6.3	1	0.6	6	
1425	3.75	0.00	0.02	1	40	20	15	95	10	378	6.3	1	0.6	<5	
1430	3.75	0.00	0.02	1	40	20	15	97	10	369	6.3	-1	0.5	<5	
1435	3.75	0.00	0.02	1	40	20	15	97	10	359	6.3	-3	<0.5	<5	
1440	3.75	0.00	0.02	1	40	20	15	97	10	352	6.3	-10	<0.5	<5	
1445	3.75	0.00	0.02	1	40	20	15	97	10	349	6.3	-10	<0.5	<5	
								TRJ							

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

15.5 ft × 0.0012 = 0.0186 gal + 0.0033 gal = 0.022 gal ≈ 1.25 gal

0.02 ft × 0.1632 gal/ft = 0.0033 gal

LOW FLOW WELL SAMPLING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/4/13 Well ID: TRY-MW-1040

Weather Conditions: Sunny, low 70s, breezy

Field Personnel: TPJ

Purging Device (pump type): T1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 27.1 – 52.1 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 3.70

Pump Intake (ft, ref. to measuring point): 48.0

Head Above Pump Intake (ft, ref. measuring point): 44.3

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: N/A

Total Purge Volume (gallons): ~~70 mL~~ TPJ 265 mL

Indicator Parameter Stabilization: yes OR no (circle one) Time: —

Two Hour Time Limit Reached? yes OR no (circle one)

Purging Start Time: 1627 (24 hour cycle)

Sample Time: 1635 (24 hour cycle)

Time at Sample Completion: 1715 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
	Insufficient Recharge well: Grab sample														
1627	3.82 (TPJ)	—	—	1	50	10	25	~~55~~ 70 (TPJ)	NR	—	—	—	—	—	
	5.35 at end of sampling														
							TPJ								

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Tanya P. Jusko

Sampler's Signature

48 ft × 4.5 mL/ft = 216 mL

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/4/13 Well ID: TRY_MW-201M

Weather Conditions: ~60° Partly Cloudy

Field Personnel: H. Lizza

Purging Device (pump type): T1300 Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 26.6 - 36.6 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 9.06

Pump Intake (ft, ref. to measuring point): 34.6

Head Above Pump Intake (ft, ref. measuring point): 25.54

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 110 ml/min

Total Purge Volume (gallons): 2 gallons

Indicator Parameter Stabilization: (yes) OR no (circle one) Time: 1155

Two Hour Time Limit Reached? yes OR (no) (circle one)

Purging Start Time: 1050 (24 hour cycle)

Sample Time: 1155 (24 hour cycle)

Time at Sample Completion: 1222 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1100	9.58	0.52	0.52	1	50	10	20	125	11	447	6.8	-80	2.7	NR	water drawing up line a few inches
1105	9.66	0.08 ~~0.14~~	0.60	1	50	10	20	110	11	440	6.7	-82	2.0	*<5	
1110	9.68	0.02	0.62	1	50	10	20	110	11	428	6.7	-86	1.6	<5	
1115	9.68	0.0	0.62	1	50	10	20	120	10	422	6.7	-87	1.2	<5	
1120	9.68	0.0	0.62	1	50	10	20	120	10	421	6.7	-88	1.1	<5	
1125	9.68	0.0	0.62	1	50	10	20	115	11	422	6.7	-88	0.9	<5	
1130	9.68	0.0	0.62	1	50	10	20	110	11	428	6.7	-88	0.8	<5	
1135	9.68	0.0	0.62	1	50	10	20	110	11	429	6.7	-89	0.7	<5	
1140	9.68	0.0	0.62	1	50	10	20	110	11	429	6.7	-89	0.6	<5	
1145	9.68	0.0	0.62	1	50	10	20	110	11	436	6.7	-89	0.6	<5	
1150	9.68	0.0	0.62	1	50	10	20	110	11	435	6.7	-89	0.6	<5	
									HAR						

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

3/8" OD 37' x 0.0026 = 0.096 + (0.62 x 0.1632) = 0.20 gal

LOW FLOW WELL S.. LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/5/13 Well ID: TRY MW-205

Weather Conditions: ~60° Clear

Field Personnel: H. Rizza

Purging Device (pump type): Bladder Pump 1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 29.1 - 39.1 (See Table 4)

Purging Start Time: 1045 (24 hour cycle)

Sample Time: 1205 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 30.68

Pump Intake (ft, ref. to measuring point): 37.60

Head Above Pump Intake (ft, ref. measuring point): 6.92

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 60 ml/min

Total Purge Volume (gallons): 1 gallon

Indicator Parameter Stabilization: (yes) OR no (circle one) Time: 1155

Two Hour Time Limit Reached? yes OR (no) (circle one)

Time at Sample Completion: 1350 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1050	30.85	0.17	0.17	1	54	6	20	60	15	432	6.2	8	7.1	NR	
1100	31.10	0.25	0.42	1	55	5	22	74	12	459	6.0	-23	1.9	9	
1110	31.18	0.08	0.50	1	55	5	22	70	12	466	6.0	-34	1.2	8	
1115	31.20	0.02	0.52	1	56	4	22	60	12	467	6.0	-36	1.1	7	
1120	31.20	0.0	0.52	1	56	4	22	60	13	467	6.0	-38	1.4	6	
1125	31.20	0.0	0.52	1	56	4	22	60	13	467	6.0	-41	1.3	6	
1130	31.20	0.0	0.52	1	56	4	22	60	13	469	6.0	-41	1.6	6	
1135	31.20	0.0	0.52	1	55	5	20	60	13	472	6.0	-40	1.4	6	
1140	31.20	0.0	0.52	1	55	5	20	60	12	471	6.0	-40	1.2	6	
1145	31.20	0.0	0.52	1	55	5	20	60	12	474	6.0	-40	0.8	6	
1150	31.20	0.0	0.52	1	55	5	20	60	12	476	6.0	-39	0.8	6	
1155	31.20	0.0	0.52	1	55	5	20	60	12	474	6.0	-39	0.8	6	
							HAR								

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

1/4" tubing 40' x 0.0012 = 0.05 + 0.08 = 0.13 gal.

LOW FLOW WELL SA LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-701X

Weather Conditions: overcast, 70s, breezy

Field Personnel: TPJ

Purging Device (pump type): Sample Pro

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 42.5-52.5 (See Table 4)

Purging Start Time: 1243 (24 hour cycle)

Sample Time: 1350 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 35.02 (no variation w/ pump)

Pump Intake (ft, ref. to measuring point): 47.5

Head Above Pump Intake (ft, ref. measuring point): 12.48

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 72

Total Purge Volume (gallons): 1.091

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1343

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1433 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1249	35.15	0.13	0.13	1	45	15	25	53	NR						
1253	35.17	0.02	0.15	1	45	15	30 (TPJ) 25	70	15	231	5.7	128	4.6	<5	
1303	35.17	0.00	0.15	1	45	15	28	70	13	228	5.7	124	1.6	<5	
1308	35.18	0.01	0.16	1	45	15	28	72	13	228	5.7	120	1.2	<5	
1313	35.18	0.00	0.16	1	45	15	28	70	13	227	5.8	116	1.1	<5	
1318	35.18	0.00	0.16	1	45	15	28	70	13	226	5.8	114	0.9	<5	
1323	35.18	0.00	0.16	1	45	15	28	70	13	226	5.8	112	0.9	<5	
1328	35.18	0.00	0.16	1	45	15	28	72	13	226	5.8	109	0.8	<5	
1333	35.18	0.00	0.16	1	45	15	28	71	12	225	5.8	107	0.7	<5	
1338	35.18	0.00	0.16	1	45	15	28	71	12	224	5.8	107	0.7	<5	
1343	35.18	0.00	0.16	1	45	15	28	72	12	224	5.8	106	0.7	<5	
~~1348~~ TPJ								(TPJ)							

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

47.5 ft + 3 ft = 50.5 ft × 0.00129 gal/ft = 0.0606 gal + 0.026 gal = 0.087 gal < 1 gal

0.16 ft × 0.1632 gal/ft = 0.026 gal

LOW FLOW WELL SAMPLING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/4/13 Well ID: TRY-MW-501X

Weather Conditions: ~60° Partly cloudy

Field Personnel: H. Ulrich

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 20-120' (See Table 4)

Purging Start Time: 1347 (24 hour cycle)

Sample Time: 0750 6/5/13 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 6.38 / 6.00

Pump Intake (ft, ref. to measuring point): 9.2

Head Above Pump Intake (ft, ref. measuring point): 2.82

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: NA

Total Purge Volume (gallons): 50 mL

Indicator Parameter Stabilization: yes OR no (circle one) Time: NA

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 0905 6/5/13 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1400	6.60	0.60	0.60	1	55	5	15	50	NR	→	→	→	→	→	water in tube retracting back into
1410	6.88	0.28	0.88	1	55	5	15	50	NR	→	→	→	→	→	well, pulled pump, nothing was wrong.
1415	7.05	0.17	1.05	1	55	5	15	50	NR	→	→	→	→	→	reinstalled pump,
1418	7.26	0.21	1.26	1	55	5	15	50	NR	→	→	→	→	→	water is still retracting.
1421	7.45	0.19	1.45	1	55	5	15	50	NR	→	→	→	→	→	water is orange in color
1425	7.55	0.10	1.55	1	55	5	15	50	NR	→	→	→	→	→	too much iron to
1429	7.65	0.10	1.65	1	55	5	15	50	NR	→	→	→	→	→	hook up to YSI
Insufficient Recharge															
WL 6.41 on 6/5/13															
purged 50 ml prior to sampling. Used same settings for purge and sample as previous day.															
Started sampling @ 0750 @ 50 ml/min															
finish @ 0905															

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

1/4" OD tubing 11ft x 4.5 ml/ft. = 49.5 ml

YSI # 3
Hach # 2

LOW FLOW WELL S.. LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/5/13 Well ID: TRV-MW-601S
Weather Conditions: Sunny, 70s, light wind
Field Personnel: TPJ
Purging Device (pump type): T1250
Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)
Screen Interval (ft, ref. to measuring point): 14.3 - 29.3 (See Table 4)
Purging Start Time: ~~0859~~ TPJ 1120 (24 hour cycle)
Sample Time: 1207 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 20.44
Pump Intake (ft, ref. to measuring point): 27.8
Head Above Pump Intake (ft, ref. measuring point): 7.36
Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 62 mL/min
Total Purge Volume (gallons): 3/4 gal
Indicator Parameter Stabilization: (yes) OR no (circle one) Time: 1200
Two Hour Time Limit Reached? yes OR (no) (circle one)
Time at Sample Completion: 1300 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1126	20.50	0.06	0.06	1	50	10	~~20~~ 15 TPJ	76	NR						
1130	20.51	0.01	0.07	1	50	10	15	74	11	220	5.7	181	~~1.8~~ 1.4 TPJ	<5	
1135	20.51	0.00	0.07	1	50	10	15	57	11	209	5.7	193	0.6	<5	
1140	20.51	0.00	0.07	1	50	10	15	62	11	205	5.6	200	0.6	<5	
1145	20.53	0.02	0.09	1	50	10	15	63	10	202	5.6	204	<0.5	<5	
1150	20.53	0.00	0.09	1	50	10	15	73	10	200	5.6	206	<0.5	<5	
1155	20.53	0.00	0.09	1	50	10	15	74	10	199	5.6	208	<0.5	<5	
1200	20.53	0.00	0.09	1	50	10	15	62	10	199	5.6	208	<0.5	<5	
					- checked		pause/hold		~75mL						
							TPJ								

Notes: 1. All depths in feet below the referenced measuring point, unless specified.
2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".
3. "NR" indicates no reading taken.

Sampler's Signature

27.8 + 2 ft = 29.8 ft × 0.0012 gal/ft = 0.0358 gal + 0.0147 gal = 0.05 gal < 0.75 gal

0.09 ft × 0.1632 gal/ft = 0.0147

LOW FLOW WELL S[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/5/13 Well ID: TRY-MW-6010

Weather Conditions: Sunny, high 70s, breezy

Field Personnel: TPJ

Purging Device (pump type): T1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 52.1-62.1 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 21.65

Pump Intake (ft, ref. to measuring point): 57.1

Head Above Pump Intake (ft, ref. measuring point): 35.45

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: N/A

Total Purge Volume (gallons): 364 mL

Indicator Parameter Stabilization: yes OR no (circle one) Time: NA

Two Hour Time Limit Reached? yes OR no (circle one)

Purging Start Time: 0919 (24 hour cycle)

Sample Time: 0930 (24 hour cycle)

Time at Sample Completion: 1025 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
0924	21.76	0.11	0.11	1	40	20	30	62	NR	—	—	—	—	—	
1025	24.29	2.53	2.64	at end of sampling											
	Insufficient Recharge Well: Grab Sample														
	- Checked pause/hold mode, ~80 mL/push														
	- MP-10 appears to be alternating between a big push + small push; stabilized during sampling														
							TPJ								

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

$57.1\,ft \times 4.5\,mL/ft = 257\,mL$

65
85
-140
290

LOW FLOW WELL SA. . LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/6/13 Well ID: TRY-MW-60DS

Weather Conditions: Overcast, 70s, breezy

Field Personnel: TPJ

Purging Device (pump type): T1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 21-36 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 20.85

Pump Intake (ft, ref. to measuring point): 34.4

Head Above Pump Intake (ft, ref. measuring point): 13.55

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: N/A

Total Purge Volume (gallons): 290 mL

Indicator Parameter Stabilization: yes OR no (circle one) Time: N/A

Two Hour Time Limit Reached? yes OR no (circle one)

Purging Start Time: 1425 (24 hour cycle)

Sample Time: 1600 (6/10/13) (24 hour cycle)

Time at Sample Completion: 1649 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1430	20.94	0.09	0.09	1	50	10	15	56	NR	—					
1437	21.05	0.11	0.20	1	50	10	15	55	11	459	6.7	109	1.2	<5	
1442	21.10	0.05	0.25	1	50	10	15	50	11	464	6.7	116	0.9	<5	
1447	21.16	0.06	0.31	1	50	10	15	56	11	467	6.7	117	0.5	<5	
1452	21.22	0.06	0.37	1	50	10	15	50	11	468	6.7	119	<0.5	<5	
1457	21.28	0.06	0.43	1	50	10	15	58	11	470	6.7	122	<0.5	<5	
	Insufficient Recharge Well; shut off pump @ 1503														
6/10/13 1544	20.92	Initial WL													
1551	20.94	0.02	0.02	1	50	10	17	65	NR	—					water would not rise @ 15 psi this time
1649	21.58	0.64	0.66	1	50	10	17	NR	NR	—					
								TPJ							

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

34.4 + 2 = 36.4 ft x 4.5 mL/ft = 163.8 mL

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/6/13 Well ID: TRV-MW-701

Weather Conditions: Sunny, 70s

Field Personnel: TPJ

Purging Device (pump type): T1250

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 18.3-78.3 (See Table 4)

Purging Start Time: 0856 (24 hour cycle)

Sample Time: 0945 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 6.96

Pump Intake (ft, ref. to measuring point): 48.3

Head Above Pump Intake (ft, ref. measuring point): 41.34

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 93 ml/min

Total Purge Volume (gallons): 1 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 0939

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1022 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
0859	7.03	0.07	0.07	1	40	20	30	102	10	43	5.6	155	10.3	12	
0909	7.03	0.00	0.07	1	40	20	30	85	9	33	5.4	191	9.5	<5	- high DO consistent
0919	7.08	0.05	0.12	1	40	20	30	81	9	32	5.4	206	9.6	<5	w/ 2009 sampling
0924	7.08	~~0.05~~ 0.00 TPJ	0.12	1	40	20	30	93	9	32	5.4	210	9.5	<5	-checked flow thru
0929	7.08	0.00	0.12	1	40	20	30	96	9	32	5.4	215	9.4	<5	cell, no bubbles
0934	7.08	0.00	0.12	1	40	20	30	105	9	32	5.4	221	9.3	<5	
0939	7.08	0.00	0.12	1	40	20	30	93	9	32	5.4	222	9.2	<5	
															water occasionally retracting up
															tubing ~10" during
								TPJ							sampling
															Replaced lock w/
															5402 Keyed lock

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Tanya P Jusk

Sampler's Signature

48.3 + 2 = 50.3 ft × 0.0012 gal/ft = 0.06 gal + 0.02 gal = 0.08 gal < 1 gal

0.12 ft × 0.1632 gal/ft = 0.0196 gal

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-801

Weather Conditions: ~65° overcast / rain

Field Personnel: H. Kizzar

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 36.4 - 46.4 (See Table 4)

Purging Start Time: 1500 (24 hour cycle)

Sample Time: 1550 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 31.64 / 31.65

Pump Intake (ft, ref. to measuring point): 41.4

Head Above Pump Intake (ft, ref. measuring point): 9.75

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 100 ml/min

Total Purge Volume (gallons): 1.25 gal

Indicator Parameter Stabilization: (yes) OR no (circle one) Time: 1545

Two Hour Time Limit Reached? yes OR (no) (circle one)

Time at Sample Completion: 1635 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1505	31.73	-0.08	0.08	1	40	20	30	110	NR	→					
1510	31.71	+0.02	0.06	1	45	15	30	105	NR	→					
1520	31.71	0.0	0.06	1	45	15	30	105	12	307	5.6	71	1.3	<5	
1525	31.71	0.0	0.06	1	45	15	30	105	12	318	5.6	64	1.2	<5	
1530	31.71	0.0	0.06	1	45	15	30	100	12	321	5.7	59	1.1	<5	
1535	31.71	0.0	0.06	1	45	15	30	100	12	322	5.7	58	1.0	<5	
1540	31.71	0.0	0.06	1	45	15	30	100	12	323	5.7	56	1.0	<5	
1545	31.71	0.0	0.06	1	45	15	30	100	12	324	5.7	55	1.0	<5	water is retracting slightly up tubing.
						HAR									

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

[illegible] Sampler's Signature

1/4" OD tubing 44 x 0.0012 gal = 0.0528 + (0.06 x 0.1632 = 0.0098) + 0.010 = 0.0628

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-802

Weather Conditions: ~65° overcast

Field Personnel: H.K. ZZIA

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 25.6-35.6 (See Table 4)

Purging Start Time: 1035 (24 hour cycle)

Sample Time: 1225 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): ~~25.58~~ 25.92

Pump Intake (ft, ref. to measuring point): 30.6

Head Above Pump Intake (ft, ref. measuring point): 4.68

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 50 ml/min

Total Purge Volume (gallons): 1.25 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1220

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1340 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1038	26.28	0.36	0.36	1	50	10	22	70	NR	→					
1042	26.40	0.12	0.48	1	52	8	22	65	NR	→					
1045	26.46	0.06	0.54	1	53	7	22	55	12	477	5.9	23	3.1	75	
1055	26.64	0.18	0.72	1	53	7	22	55	12	474	5.8	32	1.7	50	
~~10~~1105	26.72	0.08	0.80	1	53	7	22	55	12	484	5.9	36	1.3	31	
1110	26.78	0.06	0.86	1	53	7	22	55	12	490	5.9	38	1.2	30	
1115	26.86	0.08	0.94	1	53	7	22	55	12	491	5.9	41	1.1	29	
1120	26.86	0.0	0.94	1	54	6	22	50	12	490	5.9	43	1.0	29	
1125	26.88	0.2	0.96	1	54	6	22	50	12	488	5.9	46	1.0	28	
1130	26.88	0.0	0.96	1	54	6	22	50	12	489	5.9	47	0.9	27	
1135	26.89	0.1	0.97	1	54	6	22	50	12	486	5.9	47	0.9	26	
1140	26.89	0.0	0.97	1	54	6	22	50	12	484	5.9	49	0.9	25	
1145	26.89	0.0	0.97	1	54	6	22	50	12	480	5.9	50	0.8	24	
1150	26.89	0.0	0.97	1	54	6	22	50	12	476	5.9	51	0.8	24	

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

1/4" Tubing · 32.6 × 0.0012 = 0.03912 + 0.158 = 0.197

0.97 × 0.1632 = 0.158

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-302

Weather Conditions: ~65° overcast

Field Personnel: H. Ziza

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 25.6-35.6 (See Table 4)

Purging Start Time: 1035 (24 hour cycle)

Sample Time: 1225 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 25.92

Pump Intake (ft, ref. to measuring point): 30.6

Head Above Pump Intake (ft, ref. measuring point): 4.68

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 50 ml/min

Total Purge Volume (gallons): 1.25 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1220

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1340 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1155	26.89	0.0	0.97	1	54	6	22	50	12	470	5.9	51	0.8	~~24~~ 16	
1200	26.89	0.0	0.97	1	54	6	22	50	12	459	5.9	52	0.8	13	
1205	26.89	0.0	0.97	1	54	6	22	50	12	458	5.9	53	0.8	12	
1210	26.89	0.0	0.97	1	54	6	22	50	12	450	5.8	53	0.8	9	
1215	26.89	0.0	0.97	1	54	6	22	50	12	448	5.8	52	0.8	9	
1220	26.89	0.0	0.97	1	54	6	22	50	12	444	5.8	51	0.8	9	

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

LOW FLOW WELL SAMPLING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/6/13 Well ID: TRY-MW-803

Weather Conditions: ~60° cloudy

Field Personnel: H. Mazza

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 22.3 - 32.3 (See Table 4)

Purging Start Time: 1330 (24 hour cycle)

Sample Time: 1445 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 25.25 / 25.20

Pump Intake (ft, ref. to measuring point): 27.3

Head Above Pump Intake (ft, ref. measuring point): 2.05

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 52 ml/min

Total Purge Volume (gallons): 1 gallon

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1435

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1535 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1335	25.54	0.34	0.34	1	40	20	~~20~~ 22	98	NR	→					
1340	25.65	0.11	0.45	1	45	25	~~20~~ 22	92	NR	→					
1345	25.75	0.10	0.55	1	50	10	~~20~~ 22	85	NR	→					
1345	25.81	0.06	0.61	1	52	8	~~20~~ 22	70	13	706	6.1	-51	1.9	<5	
1350	25.90	0.09	0.70	1	52	8	~~20~~ 22	70	13	711	6.1	-50	1.7	<5	
1355	25.94	0.04	0.74	1	52	8	~~20~~ 22	70	13	712	6.2	-50	1.4	<5	
1400	25.94	0.0	0.74	1	54	6	~~20~~ 22	50	13	712	6.2	-50	1.3	<5	
1405	25.96	0.02	0.76	1	54	6	~~20~~ 22	50	NR	→					
1410	25.99	0.03	0.79	1	50	10	20	65	13	707	6.2	-50	1.2	<5	
1415	25.99	0.0	0.79	1	50	10	20	65	13	706	6.2	-49	1.1	7	
1420	26.03	0.04	0.83	1	52	8	20	52	12	704	6.2	-49	1.1	8	
1425	26.03	0.0	0.83	1	52	8	20	52	13	705	6.2	-50	1.0	8	
1430	26.03	0.0	0.83	1	52	8	20	52	13	701	6.2	-50	1.0	8	
1435	26.03	0.0	0.83	1	52	8	20	52	13	701	6.2	-50	1.0	8	sheen on purge water

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

1/4 OD 30' x 0.0012 = 0.04 gal.

Drawdown 0.83 x 0.1632 = 0.14 + 0.04 = 0.18 gal

LOW FLOW WELL S[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/10/13 Well ID: TRY-MW-804

Weather Conditions: Sunny & 65° Clear Sky

Field Personnel: Elizabeth

Purging Device (pump type): Sample Pro Bladder Pump

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 26-36' (See Table 4)

Purging Start Time: 0924 (24 hour cycle)

Sample Time: 1035 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 29.25 129.25

Pump Intake (ft, ref. to measuring point): 31.0'

Head Above Pump Intake (ft, ref. measuring point): 1.75'

Pump Speed @ Stabilization (mininal or no Drawdown), mL/min: 90 ml/min

Total Purge Volume (gallons): 1.75 gallons

Indicator Parameter Stabilization: yes OR no (circle one) Time: 10:30

Two Hour Time Limit Reached? yes OR no (circle one)

Time at Sample Completion: 1140 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
0928	29.35	0.10	0.10	1	45	15	20	100	NR	→					
0930	29.35	0.0	0.10	1	47	13	20	95	NR	→					
0935	29.35	0.0	0.10	1	47	13	20	95	11	332	5.6	78	2.4	<5	
0945	29.38	0.03	0.13	1	48	12	20	90	11	354	5.7	64	1.5	<5	
0950	29.38	0.0	0.13	1	48	12	20	90	11	365	~~5.5~~ 5.7	~~65~~ 55	1.2	<5	
0955	29.38	0.0	0.13	1	48	12	20	90	11	371	5.7	50	1.2	<5	
1000	29.38	0.0	0.13	1	48	12	20	90	11	378	5.8	37	1.1	<5	
1005	29.38	0.0	0.13	1	48	12	20	90	11	379	5.8	33	1.0	<5	
~~1010~~ 1010	29.38	0.0	0.13	1	48	12	20	90	11	380	5.8	28	HAR ~~0~~.1.0	<5	
1015	29.38	0.0	0.13	1	48	12	20	90	11	382	5.8	24	0.9	<5	
1020	29.38	0.0	0.13	1	48	12	20	90	11	381	5.8	22	0.9	<5	
1025	29.38	0.0	0.13	1	48	12	20	90	11	381	5.8	21	0.9	<5	Slight sheen
1030	29.38	0.0	0.13	1	48	12	20	90	11	380	5.8	20	0.9	<5	on purge water

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

1/4" OD 35' x 0.0012 = 0.042 + 0.0212 = ~~0.054~~ 0.063 gallons

YSI # 3

Hach # 2

LOW FLOW WELL SAMPLING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/5/13 Well ID: TRY_MW-805

Weather Conditions: Sunny, high 70s, breezy

Field Personnel: TDJ

Purging Device (pump type): Sample PRO

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 32.4-42.4 (See Table 4)

Initial Water Level (ft, ref. to measuring point): 29.89 (no displacement w/pump)

Pump Intake (ft, ref. to measuring point): 37.4

Head Above Pump Intake (ft, ref. measuring point): 7.51

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 114 mL/min

Total Purge Volume (gallons): 2.75 gal

Indicator Parameter Stabilization: (yes) OR no (circle one) Time: 1541

Two Hour Time Limit Reached? yes OR (no) (circle one)

Purging Start Time: 1414 (24 hour cycle)

Sample Time: 1550 (24 hour cycle)

Time at Sample Completion: 1617 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1418	29.93	0.04	0.04	1	40	20	25	114	NR	—					
1421	29.93	0.00	0.04	1	40	20	~~25~~ 27 TR	118	12	589	6.2	-27	2.6	35	
1431	29.93	0.00	0.04	1	40	20	27	117	12	505	6.1	-7	1.0	39	
1436	29.93	0.00	0.04	1	40	20	27	119	12	495	6.1	-2	0.8	37	
1441	29.93	0.00	0.04	1	40	20	27	118	12	499	6.1	-3	0.8	30	
1446	29.93	0.00	0.04	1	40	20	27	118	11	504	6.1	-7	0.6	26	
1451	29.93	0.00	0.04	1	40	20	27	117	11	514	6.1	-11	0.5	23	
1456	29.93	0.00	0.04	1	40	20	27	117	11	520	6.2	-15	0.5	19	
1501	29.93	0.00	0.04	1	40	20	27	117	11	528	6.2	-18	<0.5	14	
1506	29.93	0.00	0.04	1	40	20	27	117	11	534	6.2	-21	<0.5	13	
1511	29.93	0.00	0.04	1	40	20	27	117	11	538	6.2	-24	<0.5	10	
1516	29.93	0.00	0.04	1	40	20	27	116	11	542	6.3	-26	<0.5	9	
1521	29.93	0.00	0.04	1	40	20	27	112	11	545	6.3	-27	<0.5	7	
1526	29.93	0.00	0.04	1	40	20	27	116	11	546	6.3	-27	<0.5	6	

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Sampler's Signature

37.4 + 3 = 40.4 ft × 0.0012 gal/ft = 0.048 gal + 0.0065 gal = 0.055 gal < 2.75 gal

0.04 ft × 0.1632 gal/ft = 0.0065

LOW FLOW WELL SA[illegible]LING WORKSHEET

For use with Bladder Pumps

Troy Mills Landfill Superfund Site, Troy, New Hampshire

Date: 6/15/13 Well ID: TRY_MW-B05

Weather Conditions: Sunny, high 70s, breezy

Field Personnel: TJ

Purging Device (pump type): Sample Pro

Reference Measuring Point (Top of PVC/Top of Casing): PVC (See Table 4)

Screen Interval (ft, ref. to measuring point): 32.4 - 42.4 (See Table 4)

Purging Start Time: 1412 (24 hour cycle)

Sample Time: 1550 (24 hour cycle)

Initial Water Level (ft, ref. to measuring point): 29.89 (no displacement w/ Pump)

Pump Intake (ft, ref. to measuring point): 37.4

Head Above Pump Intake (ft, ref. measuring point): 7.51

Pump Speed @ Stabilization (minimal or no Drawdown), mL/min: 114 ml/min

Total Purge Volume (gallons): 2.75 gal

Indicator Parameter Stabilization: yes OR no (circle one) Time: 1541

Two Hour Time Limit Reached ? yes OR no (circle one)

Time at Sample Completion: 1617 (24 hour cycle)

Clock Time (24 HR)	Water Level (ft)	Drawdown (ft)	Cumulative Drawdown (ft)	Cycle Setting 1-4	Bladder Refill Time setting	Bladder Discharge Time setting	Pressure (PSI)	Purge Rate (ml/min)	Temp. +/- 3% (°C)	Spec. Cond. +/- 3% (µS/cm)	pH +/- 0.1 units	ORP +/-10 (mV)	DO +/- 10% if > 0.5 (mg/L)	Turbidity +/- 10% if > 5 (NTU)	Comments/Adjustments
1531	29.93	0.00	0.04	1	40	20	27	117	11	548	6.3	-30	<0.5	<5	
1536	29.93	0.00	0.04	1	40	20	27	117	11	549	6.3	-30	<0.5	<5	
1541	29.93	0.00	0.04	1	40	20	27	114	11	550	6.3	-28	<0.5	<5	

TJ

Notes: 1. All depths in feet below the referenced measuring point, unless specified.

2. When recording pH and dissolved oxygen data, only use one decimal place. When recording specific conductance, temperature, turbidity, and ORP data, record only whole numbers. When turbidity data is less than 5 NTU, data should be recorded as "< 5" or "less than 5". When DO data is less than 0.5 mg/L, data should be recorded as "<0.5" or "less than 0.5".

3. "NR" indicates no reading taken.

Tanya V. [illegible]

Sampler's Signature

APPENDIX D

PHOTOGRAPHS OF LEACHATE SAMPLING LOCATION

GZA GeoEnvironmental, Inc.

PHOTOGRAPHIC LOG

Client Name: New Hampshire Department of Environmental Services	**Site Location:** Troy Mills Landfill Superfund Site Troy Mills, New Hampshire	**Project No.:** 04.0029395.23

Photo No.: 1	**Date:** 6/4/2013

Direction Photo Taken:
West

Photographer:
Tanya Justham

Description:

View of leachate sample location TRY_SW-LEACHATE from the gravel access road.

Photo No.: 2	**Date:** 6/4/2013

Direction Photo Taken:
South

Photographer:
Tanya Justham

Description:

View of leachate sample location TRY_SW-LEACHATE. The outlet culvert is on the left of the photograph.

GZA GeoEnvironmental, Inc.

PHOTOGRAPHIC LOG

Client Name: New Hampshire Department of Environmental Services	**Site Location:** Troy Mills Landfill Superfund Site Troy Mills, New Hampshire	**Project No.:** 04.0029395.23

Photo No.:	**Date:**
3	6/4/2013

Direction Photo Taken:
Southwest

Photographer:
Tanya Justham

Description:

View of leachate mixing with ponded water from the beaver dam. The boom is located at the edge of the line of grass in the center of the photograph.

APPENDIX E

VENDOR CERTIFICATIONS AND INSTRUMENT
CALIBRATION / MAINTENANCE LOGS

CERTIFICATES OF CALIBRATION

Unit # 1

U.S. Environmental Rental Corporation
Rentals · Sales · Service
usenvironmental.com

Waltham, MA (781) 899-1560 | East Hartford, CT (860) 289-8700 | Hamilton, NJ (609) 570-8555 | Tampa, FL (813) 628-4200
(888) 550-8100 usenvironmental.com

Instrument Calibration Report

Report Information	
Date:	5/29/2013
Time:	1:00
Location:	Waltham, MA
Ambient Temp. °C:	
Rel. Humidity %:	
Manufacturer:	YSI
Model:	600 XL
Serial Number:	01L0702AE
Handheld SN:	01D1391AA
Technician:	TL

This report has been prepared for:

Company:	GZA
Contact:	H Rizza
Phone No.:	#N/A
Order No:	62036

Calibration Report

pH Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	mV	Pass/Fail
pH 4 Buffer	± .2	2AE820	4.02	4.00	0	160	Pass
pH 10 Buffer	± .2	2AE901	9.98	10.00	0	-186	Pass
pH 7 Buffer	± .2	2AE799	7.25	7.00		-15	Pass

Conductivity Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
1000 µs/cm	± 5%	2AI234	1007 µs/cm	1000 µs/cm	0	99.3049	Pass
µs/cm	± 5%		µs/cm	µs/cm		#DIV/0!	

ORP Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
mV	± 20mV	12H100487	215 mV	237.5 mV		Pass
mV	± 20 mV		mV	mV		

Dissolved Oxygen Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
0 %	± 2%		%	2 %		Pass
100 %	± 2%	2AF141	85.7 %	100.4 %	0.4	Pass

Turbidity Calibration Information

Full Range Cal. Date: 0

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
NTU	± 5%		NTU	NTU		#DIV/0!	
NTU	± 5%		NTU	NTU		#DIV/0!	

Temperature Calibration Information

Date: 0

NIST Temp.	Accuracy	NIST S/N:	Pre-Cal	Post-Cal	Dev %	CF	Pass/Fail
21.5 °C	± .5°C	111899528	21.35	21.35		0	Pass

Packing List

- [x] Cable
- [x] Sensor Guard
- [x] Extra Batteries
- [ ] Stand
- [x] Flow Cell
- [x] Manual
- [x] Display Comm. Cable
- [x] DO Kit
- [x] Barb Kit
- [ ] Sonde Cap
- [ ] Sonde Comm. Cable
- [x] Calibration Kit
- [x] Storage / Cal Cup
- [x] Software
- [ ] AC Adaptor

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

I certify that I have cleaned & calibrated this equipment & accessories on the date noted above & that all information within this document is correct and accurate.

Technician's Signature

U.S. Environmental Rental Corporation
Rentals · Sales · Service
usenvironmental.com
Waltham, MA (781) 899-1560 | East Hartford, CT (860) 289-8700 | Hamilton, NJ (609) 570-8555 | Tampa, FL (813) 628-4200
(888) 550-8100 usenvironmental.com

Unit #2

Instrument Calibration Report

Report Information	
Date:	5/29/2013
Time:	1:00
Location:	Waltham, MA
Ambient Temp. °C:	
Rel. Humidity %:	
Manufacturer:	YSI
Model:	600 XL
Serial Number:	05C1876AA
Handheld SN:	04C2284AB
Technician:	TL

This report has been prepared for:

Company:	GZA
Contact:	H Rizza
Phone No.:	#N/A
Order No:	62036

Calibration Report

pH Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	mV	Pass/Fail
pH 4 Buffer	± .2	2AE820	4.00	4.00	0	145	Pass
pH 10 Buffer	± .2	2AE901	9.91	9.99	-0.1	-199	Pass
pH 7 Buffer	± .2	2AE799	7.53	7.02		-31	Pass

Conductivity Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
1000 µs/cm	± 5%	2AI234	991 µs/cm	1000 µs/cm	0	100.908	Pass
µs/cm	± 5%		µs/cm	µs/cm		#DIV/0!	

ORP Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
mV	± 20mV	12H100487	202.6 mV	236.1 mV		Pass
mV	± 20 mV		mV	mV		

Dissolved Oxygen Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
0 %	± 2%		%	1.2 %		Pass
100 %	± 2%	2AF141	93.6 %	102.1 %	2.1	Pass

Turbidity Calibration Information

Full Range Cal. Date: 0

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
NTU	± 5%		NTU	NTU		#DIV/0!	
NTU	± 5%		NTU	NTU		#DIV/0!	

Temperature Calibration Information

Date: 0

NIST Temp.	Accuracy	NIST S/N:	Pre-Cal	Post-Cal	Dev %	CF	Pass/Fail
22.5 °C	± .5°C	111899528	22.57	22.57		0	Pass

Packing List

- [x] Cable
- [x] Sensor Guard
- [x] Extra Batteries
- [ ] Stand
- [x] Flow Cell
- [x] Manual
- [x] Display Comm. Cable
- [x] DO Kit
- [x] Barb Kit
- [ ] Sonde Cap
- [ ] Sonde Comm. Cable
- [x] Calibration Kit
- [x] Storage / Cal Cup
- [x] Software
- [ ] AC Adaptor

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

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I certify that I have cleaned & calibrated this equipment & accessories on the date noted above & that all information within this document is correct and accurate.

TL

Technician's Signature

U.S. Environmental Rental Corporation
Rentals · Sales · Service
usenvironmental.com
Waltham, MA (781) 899-1560 | East Hartford, CT (860) 289-8700 | Hamilton, NJ (609) 570-8555 | Tampa, FL (813) 628-4200
(888) 550-8100 usenvironmental.com

Unit #3

Instrument Calibration Report

Report Information	
Date:	5/29/2013
Time:	1:00
Location:	Waltham, MA
Ambient Temp. °C:	
Rel. Humidity %:	
Manufacturer:	YSI
Model:	600 XL
Serial Number:	07F100536
Handheld SN:	03E0443AB
Technician:	TL

This report has been prepared for:

Company: GZA
Contact: H Rizza
Phone No.: #N/A
Order No: 62036

Calibration Report

pH Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	mV	Pass/Fail
pH 4 Buffer	± .2	2AE820	4.00	4.00	0	172	Pass
pH 10 Buffer	± .2	2AE901	9.88	9.98	-0.2	-171	Pass
pH 7 Buffer	± .2	2AE799	7.05	7.00		-3	Pass

Conductivity Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
1000 µs/cm	± 5%	2AI234	997 µs/cm	1000 µs/cm	0	100.301	Pass
µs/cm	± 5%		µs/cm	µs/cm		#DIV/0!	

ORP Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
mV	± 20mV	12H100487	228.1 mV	237.5 mV		Pass
mV	± 20 mV		mV	mV		

Dissolved Oxygen Calibration Information

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	Pass/Fail
0 %	± 2%		%	1.3 %		Pass
100 %	± 2%	2AF141	90.1 %	102 %	2	Pass

Turbidity Calibration Information

Full Range Cal. Date: 0

Value	Accuracy	Lot #	Pre-Cal	Post-Cal	Dev %	% Rec.	Pass/Fail
NTU	± 5%		NTU	NTU		#DIV/0!	
NTU	± 5%		NTU	NTU		#DIV/0!	

Temperature Calibration Information

Date: 0

NIST Temp.	Accuracy	NIST S/N:	Pre-Cal	Post-Cal	Dev %	CF	Pass/Fail
21.5 °C	± .5°C	111899528	21.35	21.35		0	Pass

Packing List

- [x] Cable
- [x] Sensor Guard
- [x] Extra Batteries
- [ ] Stand
- [x] Flow Cell
- [x] Manual
- [x] Display Comm. Cable
- [x] DO Kit
- [x] Barb Kit
- [ ] Sonde Cap
- [ ] Sonde Comm. Cable
- [x] Calibration Kit
- [x] Storage / Cal Cup
- [x] Software
- [ ] AC Adaptor

This document certifies that US Environmental Rental Corporation has provided this rental equipment and all accessories in good working order. It is the renter's responsibility to: a) review all included items upon receipt, b) verify that all items are in acceptable condition and function properly, and c) contact a US Environmental associate immediately if any item is missing, damaged, and/or not functioning properly. Any delay in notifying US Environmental will be considered as the Renter taking responsibility for such missing, damaged, and/or malfunctioning item.

Missing, damaged, and/or malfunctioning equipment and accessories will result in additional fees.

I certify that I have cleaned & calibrated this equipment & accessories on the date noted above & that all information within this document is correct and accurate.

Technician's Signature

INSTRUMENT CALIBRATION/MAINTENANCE LOGS

Unit #1*

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 5/30/13 Time: 1040 | Field Personnel: Tanya Justham (TPJ)

Meter: (circle one) YSI: Model 600XL, Model 600XLM | Multimeter Serial Number: 01L0702AE

ental Company: US Env.

Probe Pre-cleaned Certification Provided By: Personnel TL | Date: 5/29/13

Temperature Calibration: Personnel: TL TPJ | Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ~~±0.5°C~~ ±0.2°C Temperature check results: 21.5°C/21.35°C

BEGINNING CALIBRATION CHECK

Date: 5/30/12 Time: 1045 | Personnel: TPJ

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.23	0 to 0.5 mg/L	Yes	2AK720	11/13	
pH 7 check	7	7.08	+/- 5%	Yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	735	+/- 5%	Yes	9487	2/14	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 22.05 °C	235	234.7	+/- 5%	Yes	120100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.5	+/- 5%	Yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Tanya Justham (Print) Tanya Justham (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: Time:		Personnel:					
Zero DO check (mg/l)	0		0 to 0.5 mg/L	NA			
pH 7 check	7		+/- 5%				Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check			+/- 5%				Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution ____ °C			+/- 5%				See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20		+/- 5%				Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: _____ (Print) _____ (Sign)

Weather Conditions:

If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified _____

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%	✓			Allow time for stabilization per manufacture
DO mg/L reading	8.52	✓			Record these values immediately after calibration
DO Temp. (°C) reading	23.71	✓			
pH 1st Standard	7	✓	3319	5/16	
2nd Standard	4	✓	2649	8/15	
3rd Standard	10	✓	2690	9/15	
Specific Conductance (µS/cm)	1413	✓	~~2278~~ 4129 (TPJ)	3/15 (TPJ)	One standard is used to calibrate, second one to check
ORP using Zobell Solution	235	✓	12D100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution 21.84 °C		✓			

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 763.6 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 52.3 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ Personnel: TPJ

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration Unit # 1	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU	✓	A2180	1/13	Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU	✓	A2195	7/13	No Rental Cal
3rd Standard	100 NTU	✓	A2200	7/13	Paperwork
4th Standard	800 NTU	✓	A2200	7/13	

HACH Serial Number: 09010C034215 **Rental Company:** US Env.

Calibration Performed by Tanya Justham (Print Name) Tanya Just (Signature)

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

Unit # 2

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 5/30/13 Time: 1040 | Field Personnel: Tanya Justham (TPJ)

Meter: (circle one) YSI: Model 600XL, Model 600XLM | Multimeter Serial Number: 05C1876AA

.ental Company: US Env.

Probe Pre-cleaned Certification Provided By: Personnel TL | Date: 5/~~30~~29/13 TPJ

Temperature Calibration: Personnel: TL | Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ± 0.2°C | Temperature check results: 22.5°C / 22.57°C

BEGINNING CALIBRATION CHECK

Date: 5/30/13 Time: 1045 | Personnel: TPJ

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.35	0 to 0.5 mg/L	Yes	2AK720	11/13	
pH 7 check	7	7.09	+/- 5%	Yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	730	+/- 5%	Yes	9487	2/14	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 22.55 °C	234	234.8	+/- 5%	Yes	120100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	Yes	42195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Tanya Justham (Print) Tanya Justham (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: Time:		Personnel:			NA		
Zero DO check (mg/l)	0		0 to 0.5 mg/L				
pH 7 check	7		+/- 5%				Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check			+/- 5%				Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution _____ °C			+/- 5%				See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20		+/- 5%				Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: _____ (Print) _____ (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%	✓			Allow time for stabilization per manufacture
DO mg/L reading	8.46	✓			Record these values immediately after calibration
DO Temp. (°C) reading	24.00	✓			
pH 1st Standard	7	✓	3319	5/16	
2nd Standard	4	✓	2649	8/15	
3rd Standard	10	✓	2690	9/15	
Specific Conductance (µS/cm)	1413	✓	4127	3/17	One standard is used to calibrate, second one to check
ORP using Zobell Solution	235	✓	120100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution 22.45 °C		✓			

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 763.5 mm Hg [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 58.4 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** TPJ

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration Unit #2	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU	✓	A2180	1/13	Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU	✓	A2195	7/13	No Rental cal
3rd Standard	100 NTU	✓	A2200	7/13	Paperwork
4th Standard	800 NTU	✓	A2200	7/13	

HACH Serial Number: 09010C034226 **Rental Company:** US Env.

Calibration Performed by Tanya Justham (Print Name) Tanya T Justham (Signature)

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

Unit #3

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 5/30/13 Time: 1040 | Field Personnel: Tanya Justham (TPJ)

Meter: (circle one) YSI: Model 600XL / Model 600XLM | Multimeter Serial Number: 07F100536

ental Company: US Env.

Probe Pre-cleaned Certification Provided By: Personnel TL | Date: ~~5~~/29/30 5 TPJ

Temperature Calibration: Personnel: TL | Date: 5/29/30

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ±0.2°C | Temperature check results: 21.5°C / 21.35°C

BEGINNING CALIBRATION CHECK

Date: 5/30/13 Time: 1045 | Personnel: TPJ

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.14	0 to 0.5 mg/L	Yes	2AK720	11/13	
pH 7 check	7	7.05	+/- 5%	Yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	729	+/- 5%	Yes	9487	2/15/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 22.62 °C	234	234.0	+/- 5%	Yes	12D100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.2	+/- 5%	Yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Tanya Justham (Print) Tanya P. Justham (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: Time:		Personnel:					
Zero DO check (mg/l)	0		0 to 0.5 mg/L	NA			
pH 7 check	7		+/- 5%				Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check			+/- 5%				Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution _____ °C			+/- 5%				See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20		+/- 5%				Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: _____ (Print) _____ (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%	✓			Allow time for stabilization per manufacture
DO mg/L reading	8.48	✓			Record these values immediately after calibration
DO Temp. (°C) reading	23.86	✓			
pH 1st Standard	7	✓	3319	5/16	
2nd Standard	4	✓	2649	8/15	
3rd Standard	10	✓	2690	9/15	
Specific Conductance (µS/cm)	1413	✓	4127	3/17	One standard is used to calibrate, second one to check
ORP using Zobell Solution	234	✓	120100575	5/14	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution 22.59 °C		✓			

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 763.5 mm Hg [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 61.4 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** TPJ

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration Unit #3	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU	✓	A2180	1/13	Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU	✓	A2195	7/13	No
3rd Standard	100 NTU	✓	A2200	7/13	Paperwork
4th Standard	800 NTU	✓	A2200	7/13	

HACH Serial Number: 970200014979 **Rental Company:** Loan from DES

Calibration Performed by Tanya Justham (Print Name) Tanya Justham (Signature)

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#2

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/4/13 Time: 0730 Field Personnel: H. Rizza

Meter: (circle one) YSI: (Model 600XL) Model 600XLM Multimeter Serial Number: 05C187644

ental Company: US Environmental

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/29/13

Temperature Calibration: Personnel: TL Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ± 0.2°C Temperature check results: 22.5°C / 22.57°C

BEGINNING CALIBRATION CHECK

Date: 6/4/13 Time: 0730 Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.40	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.08	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	749	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 10 °C	251	253.7	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#1 Turbidity 2nd Standard (NTU)	20	20.5	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: H. Rizza (Print) [signature] (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/4/13 Time: 1730		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.37	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.01	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	748	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	241	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.6	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

Weather Conditions:

If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified

6/4/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 736.7 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 48.2 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Ciezka

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental** Company:

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#3

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/4/13 Time: 0730 | Field Personnel: H. Rizza

Meter: (circle one) YSI: (Model 600XL) Model 600XLM | Multimeter Serial Number: 07F100536

ental Company: US ENV.

Probe Pre-cleaned Certification Provided By: Personnel TL | Date: 5/29/13

Temperature Calibration: Personnel: TL | Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): 0.2°C | Temperature check results: 21.5°C / 21.35°C

BEGINNING CALIBRATION CHECK

Date: 6/4/13 Time: 0730 | Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.17	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.06	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	748 ~~753~~	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 11 °C	249	251	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#2 Turbidity 2nd Standard (NTU)	20	19.5	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: H. Rizza (Print) Heidi Rizza (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/4/13 Time: 1730		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.31	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	6.93	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	242	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.2	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

Weather Conditions:

If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified _____

6/4/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 734.7 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 54.3 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Rizza

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#2

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/5/13 Time: 0705 | Field Personnel: H. Rizza

Meter: (circle one) YSI Model 600XL, Model 600XLM | Multimeter Serial Number: 05C1876AA

ental Company: US ENV.

Probe Pre-cleaned Certification Provided By: Personnel TL | Date: 5/29/13

Temperature Calibration: Personnel: TL | Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): +/- 0.2°C | Temperature check results: 22.5°C / 22.5°C

BEGINNING CALIBRATION CHECK

Date: 6/5/13 Time: 0705 | Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.37	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.10	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	752	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 12 °C	248	251	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#1 Turbidity 2nd Standard (NTU)	20	20.5	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/5/13 Time: 1640		Personnel: ~~1640~~ H. Rizza					
Zero DO check (mg/l)	0	0.43	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	6.95	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	752	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	243	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.2	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____
Where off-site was the calibration/calibration check performed? _____
List wells sampled using this equipment on this day if data needs to be qualified _____

~~6/4/13~~ 6/5/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 742.9 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 44.1 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** HLZ

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#3

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/5/13 Time: 0705 Field Personnel: H. RIZZA

Meter: (circle one) YSI: Model 600XL Model 600XLM Multimeter Serial Number: 07F100536

ental Company: VS Env.

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/29/13

Temperature Calibration: Personnel: TL Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): 0.2°C Temperature check results: 21.5°C / 21.35°C

BEGINNING CALIBRATION CHECK

Date: 6/4/13 Time: 0705 Personnel: H. RIZZA

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.17	0 to 0.5 mg/L	yes	24K720	11/13	
pH 7 check	7	7.07	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	24H 389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 12 °C	248	250	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#2 Turbidity 2nd Standard (NTU)	20	20.6	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/5/13 Time: 1640		Personnel: H. RIZZA					
Zero DO check (mg/l)	0	0.45	0 to 0.5 mg/L	yes	24K720	11/13	
pH 7 check	7	6.85	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	24H389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 16 °C	243	244	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified

2/5/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 740.5 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 49.2 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Lizzi

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#2

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date 6/6/13 Time: 0735 Field Personnel: H. Rizza

Meter: (circle one) YSI: Model 600XL Model 600XLM Multimeter Serial Number: 05C1876AA

ental Company: ~~Rice~~ VS Env.

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/29/13

Temperature Calibration: Personnel: TL Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ± 0.2°C Temperature check results: 22.5°C / 22.5°C

BEGINNING CALIBRATION CHECK

Date: 6/6/13 Time: 0735 Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.29	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.10	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 14 °C	245	248	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#1 Turbidity 2nd Standard (NTU)	20	20.5	+/- 5%	yes	1A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/6/13 Time: 1620		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.45	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.05	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	244	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____
Where off-site was the calibration/calibration check performed? _____
List wells sampled using this equipment on this day if data needs to be qualified _____

6/6/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (˚C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ ˚C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 741.7 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 59.4 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Rizza

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	267	254-280	10	251	238-264	23	234	222-246
-2	266	253-279	11	249	237-261	24	232	220-244
-1	265	252-278	12	248	236-260	25	231	219-243
0	264	251-277	13	247	235-259	26	230	219-242
1	262	249-275	14	245	233-257	27	228	217-239
2	261	248-274	15	244	232-256	28	227	216-238
3	260	247-273	16	243	231-255	29	226	215-237
4	258	245-271	17	241	229-253	30	225	214-236
5	257	244-270	18	240	228-252	31	223	212-234
6	256	243-269	19	239	227-251	32	222	211-233
7	254	241-267	20	238	226-250	33	221	210-232
8	253	240-266	21	236	224-248	34	219	208-230
9	252	239-265	22	235	223-247	35	218	207-229

#3

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/6/13 Time: 0735 Field Personnel: H. Rizza

Meter: (circle one) YSI: Model 600XL Model 600XLM Multimeter Serial Number: 07F100536

ental Company: US Env.

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/24/13

Temperature Calibration: Personnel: TL Date: 5/24/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): 0.2°C Temperature check results: 21.5°C / 21.35°C

BEGINNING CALIBRATION CHECK

Date: 6/6/13 Time: 0735 Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.11	0 to 0.5 mg/L	yes	24K720	11/13	
pH 7 check	7	7.07	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	24H389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 14 °C	245	246	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#2 Turbidity 2nd Standard (NTU)	20	20.6	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/6/13 Time: 1620		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.29	0 to 0.5 mg/L	yes	24K720	11/13	
pH 7 check	7	7.00	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	752	+/- 5%	yes	24H389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	241	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.4	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified

6/6/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 741.7 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 53.3 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Rizzo

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#2

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/10/13 Time: 0830 Field Personnel: H. Rizza

Meter: (circle one) YSI: Model 600XL Model 600XLM Multimeter Serial Number: 05C1876AA

ental Company: US Envi.

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/29/13

Temperature Calibration: Personnel: TL Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): ± 0.2°C Temperature check results: 22.5°C / 22.57°C

BEGINNING CALIBRATION CHECK

Date: 6/10/13 Time: 0830 Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.43	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.08	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	745	+/- 5%	yes	2AH389	8/13 ~~2AH339~~	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 16 °C	243	245	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#1 Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	~~20.3~~ yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/10/13 Time: 1710		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.42	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	~~7.50~~ 7.09	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	750	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	241	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) [signature] (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____
Where off-site was the calibration/calibration check performed? _____
List wells sampled using this equipment on this day if data needs to be qualified

6/10/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (°C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ °C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 743.0 **mm Hg** [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 42.0 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** Hilizza

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

#3

TROY MILLS LANDFILL INSTRUMENT CALIBRATION / MAINTENANCE LOG

Date: 6/10/13 Time: 0830 Field Personnel: H. Rizza

Meter: (circle one) YSI: Model 600XD Model 600XLM Multimeter Serial Number: 07F100536

ental Company: US Env.

Probe Pre-cleaned Certification Provided By: Personnel TL Date: 5/29/13

Temperature Calibration: Personnel: TL Date: 5/29/13

Manufactures Accuracy Range of Sensor (e.g. +/- 0.2°C): 0.2°C Temperature check results: 21.5°C / 21.35°C

BEGINNING CALIBRATION CHECK

Date: 6/10/13 Time: 0830 Personnel: H. Rizza

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Zero DO check (mg/l)	0	0.19	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.09	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	745	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 16 °C	243	242	+/- 5%	yes	13D100080	4/15	See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
#2 Turbidity 2nd Standard (NTU)	20	20.3	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes: 1) If the post calibration check is not within the acceptable range the meter must be recalibrated.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ü in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

END OF DAY INSTRUMENT CALIBRATION CHECK

Calibration Check	Value of Standard	Check Results	Acceptable Range	Within Range (yes/no)	Lot #	Expiration Date	Comments
Date: 6/10/13 Time: 1710		Personnel: H. Rizza					
Zero DO check (mg/l)	0	0.19	0 to 0.5 mg/L	yes	2AK720	11/13	
pH 7 check	7	7.01	+/- 5%	yes	3319	5/16	Range 6.65 - 7.35 pH
Specific Conductance (µS/cm) Second standard used for check	718	748	+/- 5%	yes	2AH389	8/13	Range 682 - 754 µS/cm (718) Range 1342 - 1484 µS/cm (1413)
ORP check - Zobell (mV) Zobell Solution 17 °C	241	242	+/- 5%	yes	13D100080	4/15	See Chart below for ORP Zobell Solution mV Value Based on Temperature
Turbidity 2nd Standard (NTU)	20	20.2	+/- 5%	yes	A2195	7/13	Range 19.0 - 21.0 NTU

Notes:
1) If the end of the day calibration check is not within the acceptable range the data collected that day for that parameter shall be qualified in it's use.
2) All calibration checks must be made in the run mode (on a run/measurement screen), not the calibration mode.
3) If the lot numbers and expiration dates are the same as the initial calibration place a check mark ✓ in the appropriate box.
4) Either standard (718 or 1413 µS/cm) maybe used to calibrate specific conductance, the second standard is used to check it.

Calibration Check Performed by: Heidi Rizza (Print) Heidi Rizza (Sign)

Weather Conditions:
If the calibration/calibration check was performed off-site (e.g. in the office, etc) due to weather conditions, check (√) here:_____

Where off-site was the calibration/calibration check performed? _____

List wells sampled using this equipment on this day if data needs to be qualified _____

6/10/13

INSTRUMENT CALIBRATION

YSI Multimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
DO (% saturation)	100%				Allow time for stabilization per manufacture
DO mg/L reading					Record these values immediately after calibration
DO Temp. (˚C) reading					
pH 1st Standard	7				
2nd Standard	4				
3rd Standard	10				
Specific Conductance (µS/cm)					One standard is used to calibrate, second one to check
ORP using Zobell Solution					See Chart on Page 2 for ORP Zobell Solution mV Value Based on Temperature
Zobell Solution _____ ˚C					

Additional Information for Dissolved Oxygen Calibration

Barometric Pressure of Meter: 742.0 mm Hg [BP inches _____ x 25.4 + BP _____ mm Hg]

Dissolved Oxygen Charge (YSI Meters): 56.3 (Acceptable Range: 25 to 75) You MUST change the membrane if charge is out of range.

Inspected DO membrane for nicks or bubbles (check as completed) ✓ **Personnel:** H. Rizza

Changed Dissolved Oxygen Membrane and Electrolyte Solution (circle one) YES or (NO)

HACH 2100P Turbidimeter Calibration	Value of Standard	Check as Completed	Lot #	Expiration Date	Comments
Turbidity 1st Standard (blank)	<0.1 NTU				Calibrate w/ StablCal® Formazin Primary Turbidity Standards
2nd Standard	20 NTU				
3rd Standard	100 NTU				
4th Standard	800 NTU				

HACH Serial Number: **Rental Company:**

Calibration Performed by _____ _____

Print Name Signature

Zobell Solution mV Value Based on Temperature for ORP Calibration
Calibration Check Range Values (+/- 5%)

Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%	Temp. °C	ORP Zobell Solution mV Value	Calibration Check Range Values +/- 5%
-3	**267**	254-280	10	**251**	238-264	23	**234**	222-246
-2	**266**	253-279	11	**249**	237-261	24	**232**	220-244
-1	**265**	252-278	12	**248**	236-260	25	**231**	219-243
0	**264**	251-277	13	**247**	235-259	26	**230**	219-242
1	**262**	249-275	14	**245**	233-257	27	**228**	217-239
2	**261**	248-274	15	**244**	232-256	28	**227**	216-238
3	**260**	247-273	16	**243**	231-255	29	**226**	215-237
4	**258**	245-271	17	**241**	229-253	30	**225**	214-236
5	**257**	244-270	18	**240**	228-252	31	**223**	212-234
6	**256**	243-269	19	**239**	227-251	32	**222**	211-233
7	**254**	241-267	20	**238**	226-250	33	**221**	210-232
8	**253**	240-266	21	**236**	224-248	34	**219**	208-230
9	**252**	239-265	22	**235**	223-247	35	**218**	207-229

APPENDIX F

LABORATORY ANALYTICAL DATA PACKAGES

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory)

Samples must be delivered in a cooler with loose ice.

6/05/13 Tw S

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. °C.** ~~0.7~~ 0.7

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

Comments:

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548
Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/4/13 0800	2	AQ	X					A303576001 06/04/13 08:00 04-0000307
TRY_MW-104S	6/4/13 1500	~~6~~ 8	AQ	X	X	X			A303576002 06/04/13 15:00 04-0000307
~~TRY_MW-104S~~	~~6/4/13 1500~~	~~2~~	~~AQ~~		~~X~~			LMS 6/7/13 MS	A303576003 06/04/13 16:35 04-0000307
TRY_MW-104D	6/4/13 1635	6	AQ	X	X	X			

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3:

☒ Temperature Blank Included in Cooler

Relinquished By [signature] Date and Time 6/5/13 1100 Received By [signature]

Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By [signature] Date and Time 6/5/13 1:05 Received By

Relinquished By Date and Time **Received For Laboratory By** T. Wells

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	—			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank				Temperature 0.7 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	—			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	—			
Do the **paperwork** and sample **labels agree**?	—			
Preservation-listed on the sample bottle(s)?	—			
Do VOAs or Radon have **air bubbles**?			—	
For **EPA 504.1 and 524.2,** was the lab-provided Field Reagent Blank returned with samples to the lab?			—	
How did the laboratory receive the sample(s)?				___ **Hand delivered or** ___ **Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	—			— **Ice** ___ **Cold Packs(s)** ___ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date ___ Time ___ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: ___ Date/Time Name of Staff Releasing Sample:

Rev 4
07-01-11

Completed By TW Date 06-05-13

NH DIVISION OF
Public Health Services
Improving health, preventing disease, reducing costs for all

Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jun 05, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Authorized Signature Lucio S. Barinelli, Ph.D.

Enclosures

REPORT OF LABORATORY ANALYSIS

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NH DIVISION OF
Public Health Services
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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303576 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

REPORT OF LABORATORY ANALYSIS

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NH DIVISION OF
Public Health Services
improving health, preventing disease, reducing costs for all

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

SAMPLE SUMMARY

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303576001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/4/2013 08:00	6/5/2013	198405082
A303576002	TRY_MW-104S	TROY MILLS LF, TROY	WATER	6/4/2013 15:00	6/5/2013	198405082
A303576003	TRY_MW-104D	TROY MILLS LF, TROY	WATER	6/4/2013 16:35	6/5/2013	198405082

REPORT OF LABORATORY ANALYSIS
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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303576 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the laboratory fortified blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 60%.

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303576001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 17:53		
Benzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
Bromoform	ND	ug/L	2.0	1		6/6/2013 17:53		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 17:53		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 17:53		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 17:53		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
sec-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 17:53		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 17:53		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
Chloroform	ND	ug/L	2.0	1		6/6/2013 17:53		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 17:53		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 17:53		
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 17:53		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 17:53		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 17:53		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 17:53		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 17:53		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 17:53		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303576001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 17:53		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 17:53		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 17:53		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 17:53		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 17:53		
2-Hexanone	ND	ug/L	10	1		6/6/2013 17:53		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 17:53		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 17:53		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 17:53		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 17:53		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 17:53		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 17:53		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Styrene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 17:53		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 17:53		
Toluene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 17:53		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 17:53		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 17:53		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 17:53		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 17:53		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 17:53		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 17:53		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 17:53		
Surrogates								
Dibromofluoromethane	110	%		1		6/6/2013 17:53		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 17:53		
Toluene d8	93	%		1		6/6/2013 17:53		
4-Bromofluorobenzene	89	%		1		6/6/2013 17:53		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576002** Matrix: WATER
Sample ID: **TRY_MW-104S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	9.62	mg/L	0.100	10	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/12/2013 19:53		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576002**
Sample ID: **TRY_MW-104S**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 19:53		
Surrogates								
Nitrobenzene-d5	79	%		1	6/7/2013 10:00	6/12/2013 19:53		
p-Terphenyl-d14	90	%		1	6/7/2013 10:00	6/12/2013 19:53		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 19:55		
Benzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
Bromoform	ND	ug/L	2.0	1		6/6/2013 19:55		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 19:55		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 19:55		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 19:55		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
sec-Butylbenzene	2.1	ug/L	2.0	1		6/6/2013 19:55		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 19:55		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 19:55		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
Chloroform	ND	ug/L	2.0	1		6/6/2013 19:55		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 19:55		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 19:55		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576002**
Sample ID: **TRY_MW-104S**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 19:55		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
cis-1,2-Dichloroethene	3.0	ug/L	2.0	1		6/6/2013 19:55		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:55		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:55		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:55		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:55		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 19:55		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 19:55		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 19:55		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 19:55		
2-Hexanone	ND	ug/L	10	1		6/6/2013 19:55		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 19:55		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 19:55		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 19:55		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 19:55		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 19:55		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 19:55		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Styrene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 19:55		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 19:55		
Toluene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303576002**	Matrix:	WATER
Sample ID:	**TRY_MW-104S**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 19:55		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 19:55		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 19:55		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:55		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 19:55		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 19:55		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 19:55		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 19:55		
Surrogates								
Dibromofluoromethane	110	%		1		6/6/2013 19:55		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 19:55		
Toluene d8	92	%		1		6/6/2013 19:55		
4-Bromofluorobenzene	93	%		1		6/6/2013 19:55		

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ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576003** Matrix: WATER
Sample ID: **TRY_MW-104D** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.270	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/12/2013 22:04		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		

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Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576003** Matrix: WATER
Sample ID: **TRY_MW-104D** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:04		
Surrogates								
Nitrobenzene-d5	75	%		1	6/7/2013 10:00	6/12/2013 22:04		
p-Terphenyl-d14	86	%		1	6/7/2013 10:00	6/12/2013 22:04		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 20:25		
Benzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
Bromoform	ND	ug/L	2.0	1		6/6/2013 20:25		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 20:25		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 20:25		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 20:25		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
sec-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 20:25		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 20:25		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
Chloroform	ND	ug/L	2.0	1		6/6/2013 20:25		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 20:25		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 20:25		

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Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576003**
Sample ID: **TRY_MW-104D**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 20:25		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 20:25		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 20:25		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 20:25		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 20:25		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 20:25		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 20:25		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 20:25		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 20:25		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 20:25		
2-Hexanone	ND	ug/L	10	1		6/6/2013 20:25		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 20:25		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 20:25		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 20:25		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 20:25		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 20:25		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 20:25		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Styrene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 20:25		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 20:25		
Toluene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		

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Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303576 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303576003**
Sample ID: **TRY_MW-104D**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 20:25		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 20:25		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 20:25		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 20:25		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 20:25		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 20:25		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 20:25		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 20:25		
Surrogates								
Dibromofluoromethane	110	%		1		6/6/2013 20:25		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 20:25		
Toluene d8	93	%		1		6/6/2013 20:25		
4-Bromofluorobenzene	92	%		1		6/6/2013 20:25		

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NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96395
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303576
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303576001	**TRIP BLANK**	6/4/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303576002	**TRY_MW-104S**	6/4/2013 15:00	SW-8260B,VOC,AQUEOUS	$120.00
A303576002	**TRY_MW-104S**	6/4/2013 15:00	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303576002	**TRY_MW-104S**	6/4/2013 15:00	8270C,WA, Base Neutral LIST	$150.00
A303576003	**TRY_MW-104D**	6/4/2013 16:35	SW-8260B,VOC,AQUEOUS	$120.00
A303576003	**TRY_MW-104D**	6/4/2013 16:35	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303576003	**TRY_MW-104D**	6/4/2013 16:35	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$690.00

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$690.00

Client: 04-0000307
Invoice Number: 96395

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. °C.** 0.7

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548, Heidi Rizza (603) 361-0177

Comments:

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/4/13 0800	2	AQ	X					A303577001 06/04/13 08:00 04-0000307
TRY_MW-201M	6/4/13 1155	6	AQ	X	X	X			A303577002 06/04/13 11:55 04-0000307
TRY_M-2	6/4/13 1630	6	AQ	X	X	X			A303577003 06/04/13 16:30 04-0000307
EQUIPMENT BLANK	6/4/13 1810	6	AQ	X	X	X		OIL\WATER PROBE	A303577004 06/04/13 18:10 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

Relinquished By [signature] Date and Time 6/5/13 1100 Received By [signature]

☒ Temperature Blank Included in Cooler

Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By [signature] Date and Time 6/5/13 1105 Received By

Relinquished By Date and Time **Received For Laboratory By** T. Wells

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank				Temperature 0.7 °C
Condition of sample(s) acceptable? (Check for leakage, breakage, and volume)	✓			
Was the paperwork submitted adequate and completely filled out? Hold times acceptable?	✓			
Do the paperwork and sample labels agree?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have air bubbles?		✓		
For EPA 504.1 and 524.2, was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ Hand delivered or Mail
Was the sample(s) received in a cooler? What was used to lower the temp?	✓			✓ Ice Cold Packs(s) Nothing
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) subcontracted? List the samples which were sent and tests requested:				Contract Lab: Date/Time Name of Staff Releasing Sample:

Rev 4
07-01-11

Completed By TW Date 06-05-13

NH DIVISION OF
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Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jun 05, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.
Authorized Signature

Enclosures

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DATA QUALIFIER DESCRIPTIONS

Workorder: A303577 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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Fax: (603) 271-2997

SAMPLE SUMMARY

Workorder: A303577 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303577001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/4/2013 08:00	6/5/2013	198405082
A303577002	TRY_MW-201M	TROY MILLS LF, TROY	WATER	6/4/2013 11:55	6/5/2013	198405082
A303577003	TRY_M-2	TROY MILLS LF, TROY	WATER	6/4/2013 16:30	6/5/2013	198405082
A303577004	EQUIP BLANK	TROY MILLS LF, TROY-OIL WATER PROBE	WATER	6/4/2013 18:10	6/5/2013	198405082

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29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303577 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the laboratory fortified blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 60%.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 18:24		
Benzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
Bromoform	ND	ug/L	2.0	1		6/6/2013 18:24		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 18:24		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 18:24		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 18:24		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
sec-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 18:24		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 18:24		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
Chloroform	ND	ug/L	2.0	1		6/6/2013 18:24		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 18:24		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 18:24		
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 18:24		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:24		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:24		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:24		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:24		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:24		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:24		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 18:24		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 18:24		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 18:24		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 18:24		
2-Hexanone	ND	ug/L	10	1		6/6/2013 18:24		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 18:24		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 18:24		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 18:24		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 18:24		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 18:24		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 18:24		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Styrene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 18:24		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 18:24		
Toluene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 18:24		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 18:24		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 18:24		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:24		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 18:24		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 18:24		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 18:24		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 18:24		
Surrogates								
Dibromofluoromethane	100	%		1		6/6/2013 18:24		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 18:24		
Toluene d8	93	%		1		6/6/2013 18:24		
4-Bromofluorobenzene	91	%		1		6/6/2013 18:24		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577002**	Matrix:	WATER
Sample ID:	**TRY_MW-201M**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.702	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/12/2013 22:48		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577002** Matrix: WATER
Sample ID: **TRY_MW-201M** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 22:48		
Surrogates								
Nitrobenzene-d5	73	%		1	6/7/2013 10:00	6/12/2013 22:48		
p-Terphenyl-d14	89	%		1	6/7/2013 10:00	6/12/2013 22:48		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	50	5		6/6/2013 20:55		
Benzene	ND	ug/L	10	5		6/6/2013 20:55		
Bromobenzene	ND	ug/L	10	5		6/6/2013 20:55		
Bromochloromethane	ND	ug/L	10	5		6/6/2013 20:55		
Bromodichloromethane	ND	ug/L	10	5		6/6/2013 20:55		
Bromoform	ND	ug/L	10	5		6/6/2013 20:55		
Bromomethane	ND	ug/L	10	5		6/6/2013 20:55		1
t-Butanol (TBA)	ND	ug/L	50	5		6/6/2013 20:55		
2-Butanone(MEK)	ND	ug/L	50	5		6/6/2013 20:55		
n-Butylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
sec-Butylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
t-Butylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
Carbon disulfide	ND	ug/L	10	5		6/6/2013 20:55		
Carbon tetrachloride	ND	ug/L	10	5		6/6/2013 20:55		
Chlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
Chloroethane	ND	ug/L	10	5		6/6/2013 20:55		
Chloroform	ND	ug/L	10	5		6/6/2013 20:55		
Chloromethane	ND	ug/L	10	5		6/6/2013 20:55		
2-Chlorotoluene	ND	ug/L	10	5		6/6/2013 20:55		
4-Chlorotoluene	ND	ug/L	10	5		6/6/2013 20:55		
1,2-Dibromo-3-chloropropane	ND	ug/L	10	5		6/6/2013 20:55		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577002**
Sample ID: **TRY_MW-201M**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	10	5		6/6/2013 20:55		
1,2-Dibromoethane(EDB)	ND	ug/L	10	5		6/6/2013 20:55		
Dibromomethane	ND	ug/L	10	5		6/6/2013 20:55		
1,4-Dichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
1,3-Dichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
1,2-Dichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
Dichlorodifluoromethane	ND	ug/L	10	5		6/6/2013 20:55		
1,2-Dichloroethane	ND	ug/L	10	5		6/6/2013 20:55		
1,1-Dichloroethane	ND	ug/L	10	5		6/6/2013 20:55		
cis-1,2-Dichloroethene	533	ug/L	10	5		6/6/2013 20:55		
trans-1,2-Dichloroethene	ND	ug/L	10	5		6/6/2013 20:55		
1,1-Dichloroethene	ND	ug/L	10	5		6/6/2013 20:55		
1,3-Dichloropropane	ND	ug/L	10	5		6/6/2013 20:55		
2,2-Dichloropropane	ND	ug/L	10	5		6/6/2013 20:55		
1,2-Dichloropropane	ND	ug/L	10	5		6/6/2013 20:55		
cis-1,3-Dichloropropene	ND	ug/L	10	5		6/6/2013 20:55		
trans-1,3-Dichloropropene	ND	ug/L	10	5		6/6/2013 20:55		
1,1-Dichloropropene	ND	ug/L	10	5		6/6/2013 20:55		
Diethyl ether	ND	ug/L	10	5		6/6/2013 20:55		
Diisopropyl ether (DIPE)	ND	ug/L	10	5		6/6/2013 20:55		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	10	5		6/6/2013 20:55		
Ethylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
Hexachlorobutadiene	ND	ug/L	10	5		6/6/2013 20:55		
2-Hexanone	ND	ug/L	50	5		6/6/2013 20:55		
Isopropylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
p-Isopropyltoluene	ND	ug/L	10	5		6/6/2013 20:55		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	10	5		6/6/2013 20:55		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	50	5		6/6/2013 20:55		
Methyl-t-butylether(MTBE)	ND	ug/L	10	5		6/6/2013 20:55		
Methylene Chloride	ND	ug/L	10	5		6/6/2013 20:55		
Naphthalene	ND	ug/L	10	5		6/6/2013 20:55		
n-Propylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
Styrene	ND	ug/L	10	5		6/6/2013 20:55		
1,1,1,2-Tetrachloroethane	ND	ug/L	10	5		6/6/2013 20:55		
1,1,2,2-Tetrachloroethane	ND	ug/L	10	5		6/6/2013 20:55		
Tetrachloroethene	ND	ug/L	10	5		6/6/2013 20:55		
Tetrahydrofuran(THF)	ND	ug/L	50	5		6/6/2013 20:55		
Toluene	ND	ug/L	10	5		6/6/2013 20:55		
1,3,5-Trichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
1,2,4-Trichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577002**	Matrix:	WATER
Sample ID:	**TRY_MW-201M**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	10	5		6/6/2013 20:55		
1,1,1-Trichloroethane	ND	ug/L	10	5		6/6/2013 20:55		
1,1,2-Trichloroethane	ND	ug/L	10	5		6/6/2013 20:55		
Trichloroethene	ND	ug/L	10	5		6/6/2013 20:55		
Trichlorofluoromethane	ND	ug/L	10	5		6/6/2013 20:55		
1,2,3-Trichloropropane	ND	ug/L	10	5		6/6/2013 20:55		
1,3,5-Trimethylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
1,2,4-Trimethylbenzene	ND	ug/L	10	5		6/6/2013 20:55		
Vinyl Chloride	ND	ug/L	10	5		6/6/2013 20:55		
m/p-Xylene	ND	ug/L	10	5		6/6/2013 20:55		
o-Xylene	ND	ug/L	10	5		6/6/2013 20:55		
Total Xylenes	ND	ug/L	10	5		6/6/2013 20:55		
Surrogates								
Dibromofluoromethane	110	%		5		6/6/2013 20:55		
1,2-Dichloroethane-d4	98	%		5		6/6/2013 20:55		
Toluene d8	93	%		5		6/6/2013 20:55		
4-Bromofluorobenzene	92	%		5		6/6/2013 20:55		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577003** Matrix: WATER
Sample ID: **TRY_M-2** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	2.31	mg/L	0.020	2	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/12/2013 23:31		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577003** Matrix: WATER
Sample ID: **TRY_M-2** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/12/2013 23:31		
Surrogates								
Nitrobenzene-d5	73	%		1	6/7/2013 10:00	6/12/2013 23:31		
p-Terphenyl-d14	89	%		1	6/7/2013 10:00	6/12/2013 23:31		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 21:26		
Benzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
Bromoform	ND	ug/L	2.0	1		6/6/2013 21:26		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 21:26		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 21:26		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 21:26		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
sec-Butylbenzene	4.5	ug/L	2.0	1		6/6/2013 21:26		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 21:26		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 21:26		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
Chloroform	ND	ug/L	2.0	1		6/6/2013 21:26		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 21:26		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 21:26		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577003**
Sample ID: **TRY_M-2**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 21:26		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 21:26		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:26		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:26		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:26		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:26		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 21:26		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 21:26		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 21:26		
Ethylbenzene	2.5	ug/L	2.0	1		6/6/2013 21:26		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 21:26		
2-Hexanone	ND	ug/L	10	1		6/6/2013 21:26		
Isopropylbenzene	3.0	ug/L	2.0	1		6/6/2013 21:26		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 21:26		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 21:26		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 21:26		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 21:26		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 21:26		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 21:26		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Styrene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 21:26		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 21:26		
Toluene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577003**	Matrix:	WATER
Sample ID:	**TRY_M-2**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 21:26		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 21:26		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 21:26		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 21:26		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 21:26		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 21:26		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 21:26		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 21:26		
Surrogates								
Dibromofluoromethane	100	%		1		6/6/2013 21:26		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 21:26		
Toluene d8	93	%		1		6/6/2013 21:26		
4-Bromofluorobenzene	100	%		1		6/6/2013 21:26		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577004**	Matrix:	WATER
Sample ID:	**EQUIP BLANK**	Sample Type:	EQUIPMENT BLANK-QC
Description:	TROY MILLS LF, TROY-OIL WATER PROBE	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	ND	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/13/2013 00:15		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577004** Matrix: WATER
Sample ID: **EQUIP BLANK** Sample Type: EQUIPMENT BLANK-QC
Description: TROY MILLS LF, TROY-OIL WATER PROBE Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:15		
Surrogates								
Nitrobenzene-d5	77	%		1	6/7/2013 10:00	6/13/2013 00:15		
p-Terphenyl-d14	89	%		1	6/7/2013 10:00	6/13/2013 00:15		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 18:54		
Benzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
Bromoform	ND	ug/L	2.0	1		6/6/2013 18:54		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 18:54		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 18:54		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 18:54		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
sec-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 18:54		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 18:54		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
Chloroform	ND	ug/L	2.0	1		6/6/2013 18:54		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 18:54		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 18:54		

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New Hampshire Public Health Laboratories
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29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303577004**	Matrix:	WATER
Sample ID:	**EQUIP BLANK**	Sample Type:	EQUIPMENT BLANK-QC
Description:	TROY MILLS LF, TROY-OIL WATER PROBE	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 18:54		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:54		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:54		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 18:54		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:54		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 18:54		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 18:54		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 18:54		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 18:54		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 18:54		
2-Hexanone	ND	ug/L	10	1		6/6/2013 18:54		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 18:54		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 18:54		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 18:54		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 18:54		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 18:54		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 18:54		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Styrene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 18:54		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 18:54		
Toluene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		

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ANALYTICAL RESULTS

Workorder: A303577 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303577004**
Sample ID: **EQUIP BLANK**
Description: TROY MILLS LF, TROY-OIL WATER PROBE

Matrix: WATER
Sample Type: EQUIPMENT BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 18:54		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 18:54		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 18:54		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 18:54		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 18:54		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 18:54		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 18:54		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 18:54		
Surrogates								
Dibromofluoromethane	100	%		1		6/6/2013 18:54		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 18:54		
Toluene d8	91	%		1		6/6/2013 18:54		
4-Bromofluorobenzene	87	%		1		6/6/2013 18:54		

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PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96396
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303577
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303577001	**TRIP BLANK**	6/4/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303577002	**TRY_MW-201**	6/4/2013 11:55	SW-8260B,VOC,AQUEOUS	$120.00
A303577002	**TRY_MW-201**	6/4/2013 11:55	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303577002	**TRY_MW-201**	6/4/2013 11:55	8270C,WA, Base Neutral LIST	$150.00
A303577003	**TRY_M-2**	6/4/2013 16:30	SW-8260B,VOC,AQUEOUS	$120.00
A303577003	**TRY_M-2**	6/4/2013 16:30	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303577003	**TRY_M-2**	6/4/2013 16:30	8270C,WA, Base Neutral LIST	$150.00
A303577004	**EQUIP BLANK**	6/4/2013 18:10	SW-8260B,VOC,AQUEOUS	$120.00
A303577004	**EQUIP BLANK**	6/4/2013 18:10	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303577004	**EQUIP BLANK**	6/4/2013 18:10	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

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Invoice

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Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303577
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96396

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem. will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. °C.** 1.6 C

Description: Troy Mills Landfill Superfund Site Town: Troy NH

Comments:

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548, Heidi Rizza (603) 361-0177

	Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
1	TRIP BLANK	6/4/13 0800	2	AQ	X					A303580001 06/04/13 08:00 04-0000307
2	TRY_SW-LEACHATE	6/4/13 1100	~~6~~ 8	AQ	X	X	X	X		A303580002 06/04/13 11:00 04-0000307
3	TRY_SW-LEACHATE DUP	6/4/13 1100	6	AQ	X	X	X	X		A303580003 06/04/13 11:00 04-0000307
	~~TRY_SW-LEACHATE~~	~~6/4/13 1100~~	~~2~~	~~AQ~~		~~X~~			MS with containers for Lab QC 6/7/13	

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Relinquished By [signature] Date and Time 6/5/13 1100 Received By [signature]

Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By [signature] Date and Time 6/5/13 1:05 Received By

Relinquished By Date and Time **Received For Laboratory By** T. Wells

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank				Temperature 1.6 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2,** was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** ___ **Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** ___ **Cold Packs(s)** ___ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample:

A303580001
06/04/13 08:00
04-0000307

Rev 4
07-01-11

Completed By TW Date 06-05-13

Field Duplicat Summary A303580

		Mn	Hardness	bis(2-ethylhexyl)phthalate	sec-butylbenzene	t-butylbenzene	cis-dichloroethene	ethylbenzene	isopropylbenzene	n-propylbenzene
		mg/L	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
A303580002	TRY_SW-Leachate	4.47	96.63	ND < RDL 0f 5	8.4	2.3	2.1	14	8.8	8.9
A303580003	TRY_SW-Leachate Dup	4.31	95.07	5.2	7.9	2.3	2.0	14	8.4	8.5
	RPD (%)	3.64	1.63	NA	6.13	0.00	4.88	0.00	4.65	4.60

NH DIVISION OF
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Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jun 05, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.

Authorized Signature

Enclosures

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Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303580 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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SAMPLE SUMMARY

Workorder: A303580 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303580001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/4/2013 08:00	6/5/2013	198405082
A303580002	TRY_SW-LEACHATE	TROY MILLS LF, TROY	WATER	6/4/2013 11:00	6/5/2013	198405082
A303580003	TRY_SW-LEACHATE DUP	TROY MILLS LF, TROY	WATER	6/4/2013 11:00	6/5/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the laboratory fortified blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 60%.

[2] Recovery of Bromomethane in the laboratory fortified matrix (LFM) and the laboratroy fortified matrix duplicate (LFBD) was not with in the recommended range of 70% -130%. Recovery was 48% and 50% respectively.

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303580001** Matrix: WATER
Sample ID: **TRIP BLANK** Sample Type: TRIP BLANK-QC
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 19:24		
Benzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
Bromoform	ND	ug/L	2.0	1		6/6/2013 19:24		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 19:24		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 19:24		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 19:24		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
sec-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
t-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 19:24		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 19:24		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
Chloroform	ND	ug/L	2.0	1		6/6/2013 19:24		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 19:24		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 19:24		
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 19:24		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 19:24		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:24		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 19:24		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:24		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:24		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 19:24		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 19:24		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 19:24		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 19:24		
Ethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 19:24		
2-Hexanone	ND	ug/L	10	1		6/6/2013 19:24		
Isopropylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 19:24		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 19:24		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 19:24		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 19:24		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 19:24		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 19:24		
n-Propylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Styrene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 19:24		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 19:24		
Toluene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 19:24		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 19:24		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 19:24		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 19:24		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 19:24		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 19:24		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 19:24		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 19:24		
Surrogates								
Dibromofluoromethane	100	%		1		6/6/2013 19:24		
1,2-Dichloroethane-d4	100	%		1		6/6/2013 19:24		
Toluene d8	93	%		1		6/6/2013 19:24		
4-Bromofluorobenzene	91	%		1		6/6/2013 19:24		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580002**	Matrix:	WATER
Sample ID:	**TRY_SW-LEACHATE**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Hardness	96.63	mg/L	3	1	6/13/2013 09:50	6/14/2013 09:48		
Manganese	4.47	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 15:32	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Acenaphthylene	**ND**	**ug/L**	**10**	**1**	**6/10/2013 10:00**	**6/13/2013 05:38**		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Benzyl butyl phthalate	**ND**	**ug/L**	**10**	**1**	**6/10/2013 10:00**	**6/13/2013 05:38**		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 05:38		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
4-Chlorophenyl-phenylether	**ND**	**ug/L**	**10**	**1**	**6/10/2013 10:00**	**6/13/2013 05:38**		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Diethyl phthalate	**ND**	**ug/L**	**10**	**1**	**6/10/2013 10:00**	**6/13/2013 05:38**		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303580002** Matrix: WATER
Sample ID: **TRY_SW-LEACHATE** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 05:38		
Surrogates								
Nitrobenzene-d5	63	%		1	6/10/2013 10:00	6/13/2013 05:38		
p-Terphenyl-d14	90	%		1	6/10/2013 10:00	6/13/2013 05:38		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 21:56		
Benzene	ND	ug/L	2.0	1		6/6/2013 21:56		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
Bromoform	ND	ug/L	2.0	1		6/6/2013 21:56		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 21:56		1
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 21:56		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 21:56		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
sec-Butylbenzene	8.4	ug/L	2.0	1		6/6/2013 21:56		
t-Butylbenzene	2.3	ug/L	2.0	1		6/6/2013 21:56		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 21:56		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 21:56		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
Chloroform	ND	ug/L	2.0	1		6/6/2013 21:56		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 21:56		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 21:56		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580002**	Matrix:	WATER
Sample ID:	**TRY_SW-LEACHATE**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 21:56		
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 21:56		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
cis-1,2-Dichloroethene	2.1	ug/L	2.0	1		6/6/2013 21:56		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:56		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 21:56		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:56		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 21:56		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 21:56		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 21:56		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 21:56		
Ethylbenzene	14	ug/L	2.0	1		6/6/2013 21:56		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 21:56		
2-Hexanone	ND	ug/L	10	1		6/6/2013 21:56		
Isopropylbenzene	8.8	ug/L	2.0	1		6/6/2013 21:56		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 21:56		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 21:56		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 21:56		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 21:56		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 21:56		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 21:56		
n-Propylbenzene	8.9	ug/L	2.0	1		6/6/2013 21:56		
Styrene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 21:56		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 21:56		
Toluene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580002**	Matrix:	WATER
Sample ID:	**TRY_SW-LEACHATE**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 21:56		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 21:56		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 21:56		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 21:56		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 21:56		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 21:56		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 21:56		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 21:56		
Surrogates								
Dibromofluoromethane	110	%		1		6/6/2013 21:56		
1,2-Dichloroethane-d4	98	%		1		6/6/2013 21:56		
Toluene d8	92	%		1		6/6/2013 21:56		
4-Bromofluorobenzene	110	%		1		6/6/2013 21:56		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580003**	Matrix:	WATER
Sample ID:	**TRY_SW-LEACHATE DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Hardness	95.07	mg/L	3	1	6/13/2013 09:50	6/14/2013 09:48		
Manganese	4.31	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 15:35	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Bis(2-ethylhexyl) phthalate	5.2	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 07:49		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303580003** Matrix: WATER
Sample ID: **TRY_SW-LEACHATE DUP** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 07:49		
Surrogates								
Nitrobenzene-d5	69	%		1	6/10/2013 10:00	6/13/2013 07:49		
p-Terphenyl-d14	89	%		1	6/10/2013 10:00	6/13/2013 07:49		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/6/2013 22:26		
Benzene	ND	ug/L	2.0	1		6/6/2013 22:26		
Bromobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
Bromochloromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
Bromodichloromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
Bromoform	ND	ug/L	2.0	1		6/6/2013 22:26		
Bromomethane	ND	ug/L	2.0	1		6/6/2013 22:26		1,2
t-Butanol (TBA)	ND	ug/L	10	1		6/6/2013 22:26		
2-Butanone(MEK)	ND	ug/L	10	1		6/6/2013 22:26		
n-Butylbenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
sec-Butylbenzene	7.9	ug/L	2.0	1		6/6/2013 22:26		
t-Butylbenzene	2.3	ug/L	2.0	1		6/6/2013 22:26		
Carbon disulfide	ND	ug/L	2.0	1		6/6/2013 22:26		
Carbon tetrachloride	ND	ug/L	2.0	1		6/6/2013 22:26		
Chlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
Chloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
Chloroform	ND	ug/L	2.0	1		6/6/2013 22:26		
Chloromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
2-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 22:26		
4-Chlorotoluene	ND	ug/L	2.0	1		6/6/2013 22:26		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303580003**
Sample ID: **TRY_SW-LEACHATE DUP**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/6/2013 22:26		
Dibromochloromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/6/2013 22:26		
Dibromomethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
cis-1,2-Dichloroethene	2.0	ug/L	2.0	1		6/6/2013 22:26		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 22:26		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/6/2013 22:26		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 22:26		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/6/2013 22:26		
Diethyl ether	ND	ug/L	2.0	1		6/6/2013 22:26		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/6/2013 22:26		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/6/2013 22:26		
Ethylbenzene	14	ug/L	2.0	1		6/6/2013 22:26		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/6/2013 22:26		
2-Hexanone	ND	ug/L	10	1		6/6/2013 22:26		
Isopropylbenzene	8.4	ug/L	2.0	1		6/6/2013 22:26		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/6/2013 22:26		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/6/2013 22:26		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/6/2013 22:26		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/6/2013 22:26		
Methylene Chloride	ND	ug/L	2.0	1		6/6/2013 22:26		
Naphthalene	ND	ug/L	2.0	1		6/6/2013 22:26		
n-Propylbenzene	8.5	ug/L	2.0	1		6/6/2013 22:26		
Styrene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
Tetrachloroethene	ND	ug/L	2.0	1		6/6/2013 22:26		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/6/2013 22:26		
Toluene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		

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ANALYTICAL RESULTS

Workorder: A303580 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303580003**	Matrix:	WATER
Sample ID:	**TRY_SW-LEACHATE DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/6/2013 22:26		
Trichloroethene	ND	ug/L	2.0	1		6/6/2013 22:26		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/6/2013 22:26		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/6/2013 22:26		
Vinyl Chloride	ND	ug/L	2.0	1		6/6/2013 22:26		
m/p-Xylene	ND	ug/L	2.0	1		6/6/2013 22:26		
o-Xylene	ND	ug/L	2.0	1		6/6/2013 22:26		
Total Xylenes	ND	ug/L	2.0	1		6/6/2013 22:26		
Surrogates								
Dibromofluoromethane	110	%		1		6/6/2013 22:26		
1,2-Dichloroethane-d4	98	%		1		6/6/2013 22:26		
Toluene d8	94	%		1		6/6/2013 22:26		
4-Bromofluorobenzene	110	%		1		6/6/2013 22:26		

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DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96397
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303580
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303580001	**TRIP BLANK**	6/4/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303580002	**TRY_SW-LEA**	6/4/2013 11:00	SW-8260B,VOC,AQUEOUS	$120.00
A303580002	**TRY_SW-LEA**	6/4/2013 11:00	HARDNESS,EPA 200.7,ICP,AQUEOUS	$15.00
A303580002	**TRY_SW-LEA**	6/4/2013 11:00	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303580002	**TRY_SW-LEA**	6/4/2013 11:00	8270C,WA, Base Neutral LIST	$150.00
A303580003	**TRY_SW-LEA**	6/4/2013 11:00	SW-8260B,VOC,AQUEOUS	$120.00
A303580003	**TRY_SW-LEA**	6/4/2013 11:00	HARDNESS,EPA 200.7,ICP,AQUEOUS	$15.00
A303580003	**TRY_SW-LEA**	6/4/2013 11:00	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303580003	**TRY_SW-LEA**	6/4/2013 11:00	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$720.00

NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
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PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96397
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303580
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$720.00

Client: 04-0000307
Invoice Number: 96397

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. ^{0}C.** 2.1 gok

Description: Troy Mills Landfill Superfund Site Town: Troy NH

Comments:

8270 BN

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548, Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/5/13 0800	~~3~~ 2 (TB)	AQ	X					A303633001 06/05/13 08:00 04-0000307
TRY_MW-601D	6/5/13 0930	6	AQ	X	X	X			A303633002 06/05/13 09:30 04-0000307
TRY_MW-601S	6/5/13 1207	6	AQ	X	X	X			A303633003 06/05/13 12:07 04-0000307
TRY_MW-805	6/5/13 1550	6	AQ	X	X	X			A303633004 06/05/13 15:50 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C: SVOCs (base neutrals): 4°C +/-2°C: Metals/Hardness: HNO3:

Relinquished By [signature] Date and Time 6/6/13 1045 Received By [signature] ☒ Temperature Blank Included in Cooler

Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By [signature] Date and Time 6/6/13 12:47 Received By

Relinquished By Date and Time **Received For Laboratory By** [signature]

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank	✓			Temperature 2.1 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2**, was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** ___ **Cold Packs(s)** ___ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

Rev 4
07-01-11

Completed By wy Date 6/6/13

NH DIVISION OF
Public Health Services

Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Thursday, Jun 06, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.
Authorized Signature

Enclosures

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Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303633 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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SAMPLE SUMMARY

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303633001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/5/2013 08:00	6/6/2013	198405082
A303633002	TRY_MW-601D	TROY MILLS LF, TROY	WATER	6/5/2013 09:30	6/6/2013	198405082
A303633003	TRY_MW-601S	TROY MILLS LF, TROY	WATER	6/5/2013 12:07	6/6/2013	198405082
A303633004	TRY_MW-805	TROY MILLS LF, TROY	WATER	6/5/2013 15:50	6/6/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303633 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 41%.

[2] Recovery of 2,2-Dichloropropane in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 78%.

[3] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 59%.

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303633001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 15:22		
Benzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
Bromoform	ND	ug/L	2.0	1		6/17/2013 15:22		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 15:22		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 15:22		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 15:22		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 15:22		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 15:22		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
Chloroform	ND	ug/L	2.0	1		6/17/2013 15:22		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 15:22		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 15:22		
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 15:22		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:22		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:22		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:22		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:22		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:22		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:22		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:22		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 15:22		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 15:22		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 15:22		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 15:22		
2-Hexanone	ND	ug/L	10	1		6/17/2013 15:22		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 15:22		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 15:22		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 15:22		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 15:22		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 15:22		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 15:22		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Styrene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 15:22		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 15:22		
Toluene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 15:22		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 15:22		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 15:22		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:22		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 15:22		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 15:22		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 15:22		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 15:22		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 15:22		
1,2-Dichloroethane-d4	100	%		1		6/17/2013 15:22		
Toluene d8	92	%		1		6/17/2013 15:22		
4-Bromofluorobenzene	93	%		1		6/17/2013 15:22		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633002** Matrix: WATER
Sample ID: **TRY_MW-601D** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	1.18	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/13/2013 00:58		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633002** Matrix: WATER
Sample ID: **TRY_MW-601D** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 00:58		
Surrogates								
Nitrobenzene-d5	82	%		1	6/7/2013 10:00	6/13/2013 00:58		
p-Terphenyl-d14	89	%		1	6/7/2013 10:00	6/13/2013 00:58		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 17:54		
Benzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
Bromoform	ND	ug/L	2.0	1		6/17/2013 17:54		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 17:54		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 17:54		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 17:54		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
sec-Butylbenzene	2.5	ug/L	2.0	1		6/17/2013 17:54		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 17:54		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 17:54		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
Chloroform	ND	ug/L	2.0	1		6/17/2013 17:54		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 17:54		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 17:54		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633002** Matrix: WATER
Sample ID: **TRY_MW-601D** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 17:54		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
cis-1,2-Dichloroethene	12	ug/L	2.0	1		6/17/2013 17:54		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:54		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:54		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:54		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:54		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:54		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 17:54		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 17:54		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 17:54		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 17:54		
2-Hexanone	ND	ug/L	10	1		6/17/2013 17:54		
Isopropylbenzene	10	ug/L	2.0	1		6/17/2013 17:54		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 17:54		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 17:54		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 17:54		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 17:54		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 17:54		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 17:54		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Styrene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 17:54		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 17:54		
Toluene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303633002**	Matrix:	WATER
Sample ID:	**TRY_MW-601D**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 17:54		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 17:54		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 17:54		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:54		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 17:54		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 17:54		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 17:54		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 17:54		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 17:54		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 17:54		
Toluene d8	90	%		1		6/17/2013 17:54		
4-Bromofluorobenzene	95	%		1		6/17/2013 17:54		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633003** Matrix: WATER
Sample ID: **TRY_MW-601S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	8.02	mg/L	0.100	10	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/13/2013 01:42		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633003** Matrix: WATER
Sample ID: **TRY_MW-601S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Naphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 01:42		
Surrogates								
Nitrobenzene-d5	71	%		1	6/7/2013 10:00	6/13/2013 01:42		
p-Terphenyl-d14	91	%		1	6/7/2013 10:00	6/13/2013 01:42		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 18:25		
Benzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
Bromoform	ND	ug/L	2.0	1		6/17/2013 18:25		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 18:25		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 18:25		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 18:25		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
sec-Butylbenzene	3.5	ug/L	2.0	1		6/17/2013 18:25		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 18:25		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 18:25		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
Chloroform	ND	ug/L	2.0	1		6/17/2013 18:25		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 18:25		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 18:25		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303633003**	Matrix:	WATER
Sample ID:	**TRY_MW-601S**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 18:25		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 18:25		2
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 18:25		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 18:25		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 18:25		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 18:25		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 18:25		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 18:25		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 18:25		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 18:25		
2-Hexanone	ND	ug/L	10	1		6/17/2013 18:25		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 18:25		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 18:25		
Methyl methacrylate	ND	ug/L	2.0	1		6/17/2013 18:25		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 18:25		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 18:25		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 18:25		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 18:25		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Styrene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 18:25		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 18:25		
Toluene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303633003**	Matrix:	WATER
Sample ID:	**TRY_MW-601S**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 18:25		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 18:25		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 18:25		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 18:25		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 18:25		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 18:25		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 18:25		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 18:25		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 18:25		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 18:25		
Toluene d8	90	%		1		6/17/2013 18:25		
4-Bromofluorobenzene	99	%		1		6/17/2013 18:25		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633004** Matrix: WATER
Sample ID: **TRY_MW-805** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	3.15	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Acenaphthylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Azobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzo(a)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzo(a)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Benzyl butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/7/2013 10:00	6/13/2013 02:25		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Carbazole	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
2-Chloronaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Chrysene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Di-n-butyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Di-n-octylphthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Dibenzofuran	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Diethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Dimethyl phthalate	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Fluoranthene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Fluorene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Hexachlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		

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ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633004** Matrix: WATER
Sample ID: **TRY_MW-805** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Hexachloroethane	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Isophorone	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
1-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
2-Methylnaphthalene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Naphthalene	20	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Nitrobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Phenanthrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Pyrene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/7/2013 10:00	6/13/2013 02:25		
Surrogates								
Nitrobenzene-d5	74	%		1	6/7/2013 10:00	6/13/2013 02:25		
p-Terphenyl-d14	88	%		1	6/7/2013 10:00	6/13/2013 02:25		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	20	2		6/19/2013 15:36		
Benzene	ND	ug/L	4.0	2		6/19/2013 15:36		
Bromobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
Bromochloromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
Bromodichloromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
Bromoform	ND	ug/L	4.0	2		6/19/2013 15:36		
Bromomethane	ND	ug/L	4.0	2		6/19/2013 15:36		3
t-Butanol (TBA)	ND	ug/L	20	2		6/19/2013 15:36		
2-Butanone(MEK)	ND	ug/L	20	2		6/19/2013 15:36		
n-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
sec-Butylbenzene	20	ug/L	4.0	2		6/19/2013 15:36		
t-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
Carbon disulfide	ND	ug/L	4.0	2		6/19/2013 15:36		
Carbon tetrachloride	ND	ug/L	4.0	2		6/19/2013 15:36		
Chlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
Chloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
Chloroform	ND	ug/L	4.0	2		6/19/2013 15:36		
Chloromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
2-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 15:36		
4-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2		6/19/2013 15:36		

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Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303633004**
Sample ID: **TRY_MW-805**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2-Dibromoethane(EDB)	ND	ug/L	4.0	2		6/19/2013 15:36		
Dibromomethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,4-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,3-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
Dichlorodifluoromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
cis-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 15:36		
trans-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,3-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 15:36		
2,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 15:36		
cis-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 15:36		
trans-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 15:36		
Diethyl ether	ND	ug/L	4.0	2		6/19/2013 15:36		
Diisopropyl ether (DIPE)	ND	ug/L	4.0	2		6/19/2013 15:36		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	4.0	2		6/19/2013 15:36		
Ethylbenzene	70	ug/L	4.0	2		6/19/2013 15:36		
Hexachlorobutadiene	ND	ug/L	4.0	2		6/19/2013 15:36		
2-Hexanone	ND	ug/L	20	2		6/19/2013 15:36		
Isopropylbenzene	26	ug/L	4.0	2		6/19/2013 15:36		
p-Isopropyltoluene	20	ug/L	4.0	2		6/19/2013 15:36		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	4.0	2		6/19/2013 15:36		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	20	2		6/19/2013 15:36		
Methyl-t-butylether(MTBE)	ND	ug/L	4.0	2		6/19/2013 15:36		
Methylene Chloride	ND	ug/L	4.0	2		6/19/2013 15:36		
Naphthalene	29	ug/L	4.0	2		6/19/2013 15:36		
n-Propylbenzene	39	ug/L	4.0	2		6/19/2013 15:36		
Styrene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
Tetrachloroethene	ND	ug/L	4.0	2		6/19/2013 15:36		
Tetrahydrofuran(THF)	ND	ug/L	20	2		6/19/2013 15:36		
Toluene	10	ug/L	4.0	2		6/19/2013 15:36		
1,3,5-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		

REPORT OF LABORATORY ANALYSIS

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NH DIVISION OF
Public Health Services

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303633 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303633004**	Matrix:	WATER
Sample ID:	**TRY_MW-805**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1,1-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,1,2-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 15:36		
Trichloroethene	ND	ug/L	4.0	2		6/19/2013 15:36		
Trichlorofluoromethane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,2,3-Trichloropropane	ND	ug/L	4.0	2		6/19/2013 15:36		
1,3,5-Trimethylbenzene	143	ug/L	4.0	2		6/19/2013 15:36		
1,2,4-Trimethylbenzene	353	ug/L	4.0	2		6/19/2013 15:36		
Vinyl Chloride	ND	ug/L	4.0	2		6/19/2013 15:36		
m/p-Xylene	119	ug/L	4.0	2		6/19/2013 15:36		
o-Xylene	48	ug/L	4.0	2		6/19/2013 15:36		
Total Xylenes	167	ug/L	4.0	2		6/19/2013 15:36		
Surrogates								
Dibromofluoromethane	100	%		2		6/19/2013 15:36		
1,2-Dichloroethane-d4	110	%		2		6/19/2013 15:36		
Toluene d8	96	%		2		6/19/2013 15:36		
4-Bromofluorobenzene	100	%		2		6/19/2013 15:36		

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NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96398
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303633
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303633001	**TRIP BLANK**	6/5/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303633002	**TRY_MW-601D**	6/5/2013 09:30	SW-8260B,VOC,AQUEOUS	$120.00
A303633002	**TRY_MW-601D**	6/5/2013 09:30	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303633002	**TRY_MW-601D**	6/5/2013 09:30	8270C,WA, Base Neutral LIST	$150.00
A303633003	**TRY_MW-601S**	6/5/2013 12:07	SW-8260B,VOC,AQUEOUS	$120.00
A303633003	**TRY_MW-601S**	6/5/2013 12:07	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303633003	**TRY_MW-601S**	6/5/2013 12:07	8270C,WA, Base Neutral LIST	$150.00
A303633004	**TRY_MW-805**	6/5/2013 15:50	SW-8260B,VOC,AQUEOUS	$120.00
A303633004	**TRY_MW-805**	6/5/2013 15:50	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303633004	**TRY_MW-805**	6/5/2013 15:50	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
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Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96398
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303633
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96398

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. ^{0}C.** 1.3

Description: Troy Mills Landfill Superfund Site Town: Troy NH

Comments:

8270BN

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548, Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/5/13 0800	2	AQ	X					A303634001 06/05/13 08:00 04-0000307
TRY_MW-501x	6/5/13 0800	6	AQ	X	X	X			A303634002 06/05/13 08:00 04-0000307
TRY_MW-205	6/5/13 1205	6	AQ	X	X	X			A303634003 06/05/13 12:05 04-0000307
TRY_MW-205 DUP	6/5/13 1205	6	AQ	X	X	X			A303634004 06/05/13 12:05 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By [signature] Date and Time 6/6/13 1045 Received By [signature]

Relinquished By [signature] Date and Time 6/6/13 12:47 Received By _____

Relinquished By _____ Date and Time _____ **Received For Laboratory By** [signature]

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank	✓			Temperature 1.3 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2,** was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** __ **Cold Packs(s)** __ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

Rev 4
07-01-11

Completed By ____ Date 10.6.13

Field Duplicat Summary A303634

			Method 8270					
		Mn	EHP	Naphthalene	sec-butylbenzene	ethylbenzene	isopropylbenzene	p-isopropyltoluene
		mg/L	ug/l	ug/l	ug/L	ug/L	ug/L	ug/L
A303634003	TRY_MW-205	1.36	21	17	8.1	47	18	10
A303634004	TRY_MW-205 DUP	1.39	26	17	7.7	44	17	9.6
	RPD (%)	2.18	21.28	0.00	5.06	6.59	5.71	4.08

Field Duplicat Summary A303634

		naphthalene	n-propylbenzene	1,3,5-trimethylbenzene	1,2,4-trimethylbenzene	m/p xylene	total xylene
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
A303634003	TRY_MW-205	29	20	44	222	49	50
A303634004	TRY_MW-205 DUP	28	20	39	212	46	46
	RPD (%)	3.51	0.00	12.05	4.61	6.32	8.33

NH DIVISION OF
Public Health Services

Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Thursday, Jun 06, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Authorized Signature Lucio S. Barinelli, Ph.D.

Enclosures

REPORT OF LABORATORY ANALYSIS

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NH DIVISION OF
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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303634 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

SAMPLE SUMMARY

Workorder: A303634 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303634001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/5/2013 08:00	6/6/2013	198405082
A303634002	TRY_MW-501X	TROY MILLS LF, TROY	WATER	6/5/2013 08:00	6/6/2013	198405082
A303634003	TRY_MW-205	TROY MILLS LF, TROY	WATER	6/5/2013 12:05	6/6/2013	198405082
A303634004	TRY_MW-205 DUP	TROY MILLS LF, TROY	WATER	6/5/2013 12:05	6/6/2013	198405082

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303634 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 41%.

[2] Recovery of 2,2-Dichloropropane in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 78%.

[3] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 59%.

REPORT OF LABORATORY ANALYSIS

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Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 15:53		
Benzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
Bromoform	ND	ug/L	2.0	1		6/17/2013 15:53		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 15:53		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 15:53		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 15:53		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 15:53		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 15:53		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
Chloroform	ND	ug/L	2.0	1		6/17/2013 15:53		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 15:53		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 15:53		
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 15:53		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:53		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:53		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:53		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 15:53		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:53		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:53		

REPORT OF LABORATORY ANALYSIS

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NH DIVISION OF
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improving health, preventing disease, reducing costs for all

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 15:53		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 15:53		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 15:53		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 15:53		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 15:53		
2-Hexanone	ND	ug/L	10	1		6/17/2013 15:53		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 15:53		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 15:53		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 15:53		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 15:53		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 15:53		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 15:53		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Styrene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 15:53		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 15:53		
Toluene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 15:53		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 15:53		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 15:53		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 15:53		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 15:53		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 15:53		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 15:53		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 15:53		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 15:53		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 15:53		
Toluene d8	91	%		1		6/17/2013 15:53		
4-Bromofluorobenzene	92	%		1		6/17/2013 15:53		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634002** Matrix: WATER
Sample ID: **TRY_MW-501X** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	1.93	mg/L	0.020	2	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 08:33		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634002** Matrix: WATER
Sample ID: **TRY_MW-501X** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 08:33		
Surrogates								
Nitrobenzene-d5	76	%		1	6/10/2013 10:00	6/13/2013 08:33		
p-Terphenyl-d14	77	%		1	6/10/2013 10:00	6/13/2013 08:33		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	50	ug/L	10	1		6/17/2013 19:27		
Benzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
Bromoform	ND	ug/L	2.0	1		6/17/2013 19:27		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 19:27		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 19:27		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 19:27		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 19:27		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 19:27		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
Chloroform	ND	ug/L	2.0	1		6/17/2013 19:27		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 19:27		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 19:27		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634002**
Sample ID: **TRY_MW-501X**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 19:27		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 19:27		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 19:27		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 19:27		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 19:27		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 19:27		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 19:27		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 19:27		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 19:27		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 19:27		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 19:27		
2-Hexanone	ND	ug/L	10	1		6/17/2013 19:27		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 19:27		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 19:27		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 19:27		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 19:27		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 19:27		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 19:27		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Styrene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 19:27		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 19:27		
Toluene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303634002**	Matrix:	WATER
Sample ID:	**TRY_MW-501X**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 19:27		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 19:27		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 19:27		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 19:27		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 19:27		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 19:27		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 19:27		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 19:27		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 19:27		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 19:27		
Toluene d8	93	%		1		6/17/2013 19:27		
4-Bromofluorobenzene	95	%		1		6/17/2013 19:27		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634003** Matrix: WATER
Sample ID: **TRY_MW-205** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	1.36	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Bis(2-ethylhexyl) phthalate	21	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 09:17		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634003** Matrix: WATER
Sample ID: **TRY_MW-205** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Naphthalene	17	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 09:17		
Surrogates								
Nitrobenzene-d5	78	%		1	6/10/2013 10:00	6/13/2013 09:17		
p-Terphenyl-d14	90	%		1	6/10/2013 10:00	6/13/2013 09:17		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	20	2		6/19/2013 16:07		
Benzene	ND	ug/L	4.0	2		6/19/2013 16:07		
Bromobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
Bromochloromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
Bromodichloromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
Bromoform	ND	ug/L	4.0	2		6/19/2013 16:07		
Bromomethane	ND	ug/L	4.0	2		6/19/2013 16:07		3
t-Butanol (TBA)	ND	ug/L	20	2		6/19/2013 16:07		
2-Butanone(MEK)	ND	ug/L	20	2		6/19/2013 16:07		
n-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
sec-Butylbenzene	8.1	ug/L	4.0	2		6/19/2013 16:07		
t-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
Carbon disulfide	ND	ug/L	4.0	2		6/19/2013 16:07		
Carbon tetrachloride	ND	ug/L	4.0	2		6/19/2013 16:07		
Chlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
Chloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
Chloroform	ND	ug/L	4.0	2		6/19/2013 16:07		
Chloromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
2-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 16:07		
4-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2		6/19/2013 16:07		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303634003**	Matrix:	WATER
Sample ID:	**TRY_MW-205**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2-Dibromoethane(EDB)	ND	ug/L	4.0	2		6/19/2013 16:07		
Dibromomethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,4-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,3-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
Dichlorodifluoromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
cis-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:07		
trans-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,3-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:07		
2,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:07		
cis-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:07		
trans-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:07		
Diethyl ether	ND	ug/L	4.0	2		6/19/2013 16:07		
Diisopropyl ether (DIPE)	ND	ug/L	4.0	2		6/19/2013 16:07		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	4.0	2		6/19/2013 16:07		
Ethylbenzene	47	ug/L	4.0	2		6/19/2013 16:07		
Hexachlorobutadiene	ND	ug/L	4.0	2		6/19/2013 16:07		
2-Hexanone	ND	ug/L	20	2		6/19/2013 16:07		
Isopropylbenzene	18	ug/L	4.0	2		6/19/2013 16:07		
p-Isopropyltoluene	10	ug/L	4.0	2		6/19/2013 16:07		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	4.0	2		6/19/2013 16:07		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	20	2		6/19/2013 16:07		
Methyl-t-butylether(MTBE)	ND	ug/L	4.0	2		6/19/2013 16:07		
Methylene Chloride	ND	ug/L	4.0	2		6/19/2013 16:07		
Naphthalene	29	ug/L	4.0	2		6/19/2013 16:07		
n-Propylbenzene	20	ug/L	4.0	2		6/19/2013 16:07		
Styrene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
Tetrachloroethene	ND	ug/L	4.0	2		6/19/2013 16:07		
Tetrahydrofuran(THF)	ND	ug/L	20	2		6/19/2013 16:07		
Toluene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,3,5-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634003**
Sample ID: **TRY_MW-205**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1,1-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,1,2-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 16:07		
Trichloroethene	ND	ug/L	4.0	2		6/19/2013 16:07		
Trichlorofluoromethane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,2,3-Trichloropropane	ND	ug/L	4.0	2		6/19/2013 16:07		
1,3,5-Trimethylbenzene	44	ug/L	4.0	2		6/19/2013 16:07		
1,2,4-Trimethylbenzene	222	ug/L	4.0	2		6/19/2013 16:07		
Vinyl Chloride	ND	ug/L	4.0	2		6/19/2013 16:07		
m/p-Xylene	49	ug/L	4.0	2		6/19/2013 16:07		
o-Xylene	ND	ug/L	4.0	2		6/19/2013 16:07		
Total Xylenes	**50**	**ug/L**	**4.0**	**2**		**6/19/2013 16:07**		
Surrogates								
Dibromofluoromethane	99	%		2		6/19/2013 16:07		
1,2-Dichloroethane-d4	100	%		2		6/19/2013 16:07		
Toluene d8	97	%		2		6/19/2013 16:07		
4-Bromofluorobenzene	100	%		2		6/19/2013 16:07		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303634004**	Matrix:	WATER
Sample ID:	**TRY_MW-205 DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	1.39	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Bis(2-ethylhexyl) phthalate	26	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 10:00		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634004** Matrix: WATER
Sample ID: **TRY_MW-205 DUP** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Naphthalene	17	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:00		
Surrogates								
Nitrobenzene-d5	68	%		1	6/10/2013 10:00	6/13/2013 10:00		
p-Terphenyl-d14	90	%		1	6/10/2013 10:00	6/13/2013 10:00		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	20	2		6/19/2013 16:38		
Benzene	ND	ug/L	4.0	2		6/19/2013 16:38		
Bromobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
Bromochloromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
Bromodichloromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
Bromoform	ND	ug/L	4.0	2		6/19/2013 16:38		
Bromomethane	ND	ug/L	4.0	2		6/19/2013 16:38		3
t-Butanol (TBA)	ND	ug/L	20	2		6/19/2013 16:38		
2-Butanone(MEK)	ND	ug/L	20	2		6/19/2013 16:38		
n-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
sec-Butylbenzene	7.7	ug/L	4.0	2		6/19/2013 16:38		
t-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
Carbon disulfide	ND	ug/L	4.0	2		6/19/2013 16:38		
Carbon tetrachloride	ND	ug/L	4.0	2		6/19/2013 16:38		
Chlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
Chloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
Chloroform	ND	ug/L	4.0	2		6/19/2013 16:38		
Chloromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
2-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 16:38		
4-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2		6/19/2013 16:38		

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ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303634004**
Sample ID: **TRY_MW-205 DUP**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2-Dibromoethane(EDB)	ND	ug/L	4.0	2		6/19/2013 16:38		
Dibromomethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,4-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,3-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
Dichlorodifluoromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
cis-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:38		
trans-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,3-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:38		
2,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 16:38		
cis-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:38		
trans-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 16:38		
Diethyl ether	ND	ug/L	4.0	2		6/19/2013 16:38		
Diisopropyl ether (DIPE)	ND	ug/L	4.0	2		6/19/2013 16:38		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	4.0	2		6/19/2013 16:38		
Ethylbenzene	44	ug/L	4.0	2		6/19/2013 16:38		
Hexachlorobutadiene	ND	ug/L	4.0	2		6/19/2013 16:38		
2-Hexanone	ND	ug/L	20	2		6/19/2013 16:38		
Isopropylbenzene	17	ug/L	4.0	2		6/19/2013 16:38		
p-Isopropyltoluene	9.6	ug/L	4.0	2		6/19/2013 16:38		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	4.0	2		6/19/2013 16:38		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	20	2		6/19/2013 16:38		
Methyl-t-butylether(MTBE)	ND	ug/L	4.0	2		6/19/2013 16:38		
Methylene Chloride	ND	ug/L	4.0	2		6/19/2013 16:38		
Naphthalene	28	ug/L	4.0	2		6/19/2013 16:38		
n-Propylbenzene	20	ug/L	4.0	2		6/19/2013 16:38		
Styrene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
Tetrachloroethene	ND	ug/L	4.0	2		6/19/2013 16:38		
Tetrahydrofuran(THF)	ND	ug/L	20	2		6/19/2013 16:38		
Toluene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,3,5-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303634 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303634004**	Matrix:	WATER
Sample ID:	**TRY_MW-205 DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1,1-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,1,2-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 16:38		
Trichloroethene	ND	ug/L	4.0	2		6/19/2013 16:38		
Trichlorofluoromethane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,2,3-Trichloropropane	ND	ug/L	4.0	2		6/19/2013 16:38		
1,3,5-Trimethylbenzene	39	ug/L	4.0	2		6/19/2013 16:38		
1,2,4-Trimethylbenzene	212	ug/L	4.0	2		6/19/2013 16:38		
Vinyl Chloride	ND	ug/L	4.0	2		6/19/2013 16:38		
m/p-Xylene	46	ug/L	4.0	2		6/19/2013 16:38		
o-Xylene	ND	ug/L	4.0	2		6/19/2013 16:38		
Total Xylenes	46	ug/L	4.0	2		6/19/2013 16:38		
Surrogates								
Dibromofluoromethane	100	%		2		6/19/2013 16:38		
1,2-Dichloroethane-d4	100	%		2		6/19/2013 16:38		
Toluene d8	97	%		2		6/19/2013 16:38		
4-Bromofluorobenzene	100	%		2		6/19/2013 16:38		

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DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96399
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303634
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303634001	**TRIP BLANK**	6/5/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303634002	**TRY_MW-501X**	6/5/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303634002	**TRY_MW-501X**	6/5/2013 08:00	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303634002	**TRY_MW-501X**	6/5/2013 08:00	8270C,WA, Base Neutral LIST	$150.00
A303634003	**TRY_MW-205**	6/5/2013 12:05	SW-8260B,VOC,AQUEOUS	$120.00
A303634003	**TRY_MW-205**	6/5/2013 12:05	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303634003	**TRY_MW-205**	6/5/2013 12:05	8270C,WA, Base Neutral LIST	$150.00
A303634004	**TRY_MW-205**	6/5/2013 12:05	SW-8260B,VOC,AQUEOUS	$120.00
A303634004	**TRY_MW-205**	6/5/2013 12:05	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303634004	**TRY_MW-205**	6/5/2013 12:05	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

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Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
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29 HAZEN DR
CONCORD NH 03301

Invoice Number 96399
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303634
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96399

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. ^{0}C.** .04

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

Comments:

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548
Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/6/13 0800	2	AQ	X					A303683001 06/06/13 08:00 04-0000307
TRY_MW-701	6/6/13 0945	6	AQ	X	X	X			A303683002 06/06/13 09:45 04-0000307
TRY_MW-101	6/6/13 1220	6	AQ	X	X	X			A303683003 06/06/13 12:20 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Relinquished By Tanya P Justham Date and Time 6/6/13 2000 Received By _____ Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By _____ Date and Time _____ Received By _____

Relinquished By _____ Date and Time _____ **Received For Laboratory By** W Rice 6/7/13

Page 1 **of** 1 Data Reviewed By _____ Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-000307
Temperature of the sample or temperature blank	✓			Temperature .04 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2**, was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** **Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** **Cold Packs(s)** **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date Time Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: Date/Time Name of Staff Releasing Sample:

Rev 4
07-01-11

Completed By ws Date 6/7/13

NH DIVISION OF
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Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Friday, Jun 07, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.
Authorized Signature

Enclosures

REPORT OF LABORATORY ANALYSIS

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DATA QUALIFIER DESCRIPTIONS

Workorder: A303683 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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SAMPLE SUMMARY

Workorder: A303683 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303683001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/6/2013 08:00	6/7/2013	198405082
A303683002	TRY_MW-701	TROY MILLS LF, TROY	WATER	6/6/2013 09:45	6/7/2013	198405082
A303683003	TRY_MW-101	TROY MILLS LF, TROY	WATER	6/6/2013 12:20	6/7/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303683 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 41%.

[2] Recovery of 2,2-Dichloropropane in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 78%.

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303683001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 16:23		
Benzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
Bromoform	ND	ug/L	2.0	1		6/17/2013 16:23		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 16:23		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 16:23		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 16:23		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 16:23		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 16:23		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
Chloroform	ND	ug/L	2.0	1		6/17/2013 16:23		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 16:23		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 16:23		
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 16:23		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:23		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:23		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:23		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:23		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:23		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:23		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:23		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 16:23		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 16:23		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 16:23		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 16:23		
2-Hexanone	ND	ug/L	10	1		6/17/2013 16:23		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 16:23		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 16:23		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 16:23		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 16:23		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 16:23		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 16:23		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Styrene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 16:23		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 16:23		
Toluene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 16:23		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 16:23		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 16:23		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:23		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 16:23		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 16:23		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 16:23		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 16:23		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 16:23		
1,2-Dichloroethane-d4	100	%		1		6/17/2013 16:23		
Toluene d8	92	%		1		6/17/2013 16:23		
4-Bromofluorobenzene	92	%		1		6/17/2013 16:23		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303683002**	Matrix:	WATER
Sample ID:	**TRY_MW-701**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.019	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 10:43		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683002** Matrix: WATER
Sample ID: **TRY_MW-701** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 10:43		
Surrogates								
Nitrobenzene-d5	82	%		1	6/10/2013 10:00	6/13/2013 10:43		
p-Terphenyl-d14	91	%		1	6/10/2013 10:00	6/13/2013 10:43		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 21:00		
Benzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
Bromoform	ND	ug/L	2.0	1		6/17/2013 21:00		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 21:00		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 21:00		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 21:00		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 21:00		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 21:00		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
Chloroform	ND	ug/L	2.0	1		6/17/2013 21:00		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 21:00		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 21:00		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683002**
Sample ID: **TRY_MW-701**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 21:00		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 21:00		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:00		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:00		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:00		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:00		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:00		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 21:00		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 21:00		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 21:00		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 21:00		
2-Hexanone	ND	ug/L	10	1		6/17/2013 21:00		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 21:00		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 21:00		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 21:00		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 21:00		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 21:00		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 21:00		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Styrene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 21:00		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 21:00		
Toluene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303683002**	Matrix:	WATER
Sample ID:	**TRY_MW-701**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 21:00		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 21:00		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 21:00		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 21:00		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 21:00		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 21:00		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 21:00		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 21:00		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 21:00		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 21:00		
Toluene d8	91	%		1		6/17/2013 21:00		
4-Bromofluorobenzene	94	%		1		6/17/2013 21:00		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683003** Matrix: WATER
Sample ID: **TRY_MW-101** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	2.20	mg/L	0.020	2	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Benzyl butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 11:27		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683003** Matrix: WATER
Sample ID: **TRY_MW-101** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 11:27		
Surrogates								
Nitrobenzene-d5	79	%		1	6/10/2013 10:00	6/13/2013 11:27		
p-Terphenyl-d14	89	%		1	6/10/2013 10:00	6/13/2013 11:27		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 21:31		
Benzene	ND	ug/L	2.0	1		6/17/2013 21:31		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
Bromoform	ND	ug/L	2.0	1		6/17/2013 21:31		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 21:31		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 21:31		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 21:31		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
sec-Butylbenzene	23	ug/L	2.0	1		6/17/2013 21:31		
t-Butylbenzene	4.5	ug/L	2.0	1		6/17/2013 21:31		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 21:31		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 21:31		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
Chloroform	ND	ug/L	2.0	1		6/17/2013 21:31		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 21:31		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 21:31		

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ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303683003** Matrix: WATER
Sample ID: **TRY_MW-101** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 21:31		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
cis-1,2-Dichloroethene	2.5	ug/L	2.0	1		6/17/2013 21:31		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:31		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:31		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 21:31		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:31		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 21:31		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 21:31		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 21:31		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 21:31		
Ethylbenzene	69	ug/L	2.0	1		6/17/2013 21:31		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 21:31		
2-Hexanone	ND	ug/L	10	1		6/17/2013 21:31		
Isopropylbenzene	30	ug/L	2.0	1		6/17/2013 21:31		
p-Isopropyltoluene	7.8	ug/L	2.0	1		6/17/2013 21:31		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 21:31		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 21:31		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 21:31		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 21:31		
Naphthalene	5.7	ug/L	2.0	1		6/17/2013 21:31		
n-Propylbenzene	39	ug/L	2.0	1		6/17/2013 21:31		
Styrene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 21:31		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 21:31		
Toluene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		

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Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303683 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303683003**	Matrix:	WATER
Sample ID:	**TRY_MW-101**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 21:31		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 21:31		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 21:31		
1,3,5-Trimethylbenzene	16	ug/L	2.0	1		6/17/2013 21:31		
1,2,4-Trimethylbenzene	90	ug/L	2.0	1		6/17/2013 21:31		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 21:31		
m/p-Xylene	11	ug/L	2.0	1		6/17/2013 21:31		
o-Xylene	5.1	ug/L	2.0	1		6/17/2013 21:31		
Total Xylenes	16	ug/L	2.0	1		6/17/2013 21:31		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 21:31		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 21:31		
Toluene d8	91	%		1		6/17/2013 21:31		
4-Bromofluorobenzene	110	%		1		6/17/2013 21:31		

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DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96400
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303683
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303683001	**TRIP BLANK**	6/6/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303683002	**TRY_MW-701**	6/6/2013 09:45	SW-8260B,VOC,AQUEOUS	$120.00
A303683002	**TRY_MW-701**	6/6/2013 09:45	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303683002	**TRY_MW-701**	6/6/2013 09:45	8270C,WA, Base Neutral LIST	$150.00
A303683003	**TRY_MW-101**	6/6/2013 12:20	SW-8260B,VOC,AQUEOUS	$120.00
A303683003	**TRY_MW-101**	6/6/2013 12:20	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303683003	**TRY_MW-101**	6/6/2013 12:20	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$690.00

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$690.00

Client: 04-0000307
Invoice Number: 96400

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.,

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. °C.** 01

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

Comments:

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548
Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/6/13 0800	2	AQ	X					A303684001 06/06/13 08:00 04-0000307
TRY_MW-804	6/6/13 1035	6	AQ	X	X	X			A303684002 06/06/13 10:35 04-0000307
TRY_MW-804 DUP	6/6/13 1035	6	AQ	X	X	X			A303684003 06/06/13 10:35 04-0000307
TRY_MW-803	6/6/13 1445	6	AQ	X	X	X			A303684004 06/06/13 14:45 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Relinquished By Tanya Justham Date and Time 6/6/13 2000 Received By _____ Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By _____ Date and Time _____ Received By _____ 6/7/13

Relinquished By _____ Date and Time _____ **Received For Laboratory By** _____

Page 1 **of** 1 Data Reviewed By _____ Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank	✓			Temperature .01 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage**, and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2**, was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** ___ **Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** ___ **Cold Packs(s)** ___ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample:

Rev 4
07-01-11

Completed By Wy Date 6/7/13

Field Duplicat Summary A303684

		Mn	benzyl butyl phthalate	bis(2-ethylhexyl)phthalate	sec-butylbenzene	ethylbenzene
		mg/L	ug/L	ug/L	ug/L	ug/L
A303684002	TRY_MW-804	5.96	47	67	17	59
A303684003	TRY_MW-804 Dup	5.83	47	68	16	56
	RPD (%)	2.21	0.00	1.48	6.06	5.22

Field Duplicat Summary A303684

		isopropylbenzene	p-isopropyltoluene	napthalene	n-propylbenzene	1,3,5-trimethylbenzene
		ug/L	ug/L	ug/L	ug/L	ug/L
A303684002	TRY_MW-804	20	19	18	36	70
A303684003	TRY_MW-804 Dup	19	18	17.0	34	67
	RPD (%)	5.13	5.41	5.71	5.71	4.38

Field Duplicat Summary A303684					
		1,2,4-trimethylbenzene	m/p-xylene	o-xylene	total-xylene
		ug/L	ug/L	ug/L	ug/L
A303684002	TRY_MW-804	223	49	40	90
A303684003	TRY_MW-804 Dup	211	48	39	87
	RPD (%)	5.53	2.06	2.53	3.39

NH DIVISION OF
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Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Friday, Jun 07, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Authorized Signature Lucio S. Barinelli, Ph.D.

Enclosures

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303684 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

REPORT OF LABORATORY ANALYSIS

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Fax: (603) 271-2997

SAMPLE SUMMARY

Workorder: A303684 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303684001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/6/2013 08:00	6/7/2013	198405082
A303684002	TRY_MW-804	TROY MILLS LF, TROY	WATER	6/6/2013 10:35	6/7/2013	198405082
A303684003	TRY_MW-804 DUP	TROY MILLS LF, TROY	WATER	6/6/2013 10:35	6/7/2013	198405082
A303684004	TRY_MW-803	TROY MILLS LF, TROY	WATER	6/6/2013 14:45	6/7/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303684 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 41%.

[2] Recovery of 2,2-Dichloropropane in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 78%.

[3] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 59%.

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684001** Matrix: WATER
Sample ID: **TRIP BLANK** Sample Type: TRIP BLANK-QC
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 16:53		
Benzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
Bromoform	ND	ug/L	2.0	1		6/17/2013 16:53		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 16:53		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 16:53		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 16:53		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 16:53		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 16:53		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
Chloroform	ND	ug/L	2.0	1		6/17/2013 16:53		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 16:53		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 16:53		
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 16:53		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:53		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:53		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:53		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 16:53		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:53		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:53		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 16:53		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 16:53		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 16:53		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 16:53		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 16:53		
2-Hexanone	ND	ug/L	10	1		6/17/2013 16:53		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 16:53		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 16:53		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 16:53		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 16:53		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 16:53		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 16:53		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Styrene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 16:53		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 16:53		
Toluene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 16:53		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 16:53		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 16:53		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 16:53		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 16:53		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 16:53		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 16:53		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 16:53		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 16:53		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 16:53		
Toluene d8	90	%		1		6/17/2013 16:53		
4-Bromofluorobenzene	93	%		1		6/17/2013 16:53		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684002** Matrix: WATER
Sample ID: **TRY_MW-804** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	5.96	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Acenaphthylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Azobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzo(a)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzo(a)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Benzyl butyl phthalate	47	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Bis(2-ethylhexyl) phthalate	67	ug/L	5.0	1	6/10/2013 10:00	6/13/2013 12:10		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Carbazole	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
2-Chloronaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Chrysene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Di-n-butyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Di-n-octylphthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Dibenzofuran	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Diethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Dimethyl phthalate	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Fluoranthene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Fluorene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Hexachlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684002** Matrix: WATER
Sample ID: **TRY_MW-804** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Hexachloroethane	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Isophorone	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
1-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
2-Methylnaphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Naphthalene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Nitrobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Phenanthrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Pyrene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/10/2013 10:00	6/13/2013 12:10		
Surrogates								
Nitrobenzene-d5	79	%		1	6/10/2013 10:00	6/13/2013 12:10		
p-Terphenyl-d14	93	%		1	6/10/2013 10:00	6/13/2013 12:10		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	20	2		6/19/2013 17:08		
Benzene	ND	ug/L	4.0	2		6/19/2013 17:08		
Bromobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
Bromochloromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
Bromodichloromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
Bromoform	ND	ug/L	4.0	2		6/19/2013 17:08		
Bromomethane	ND	ug/L	4.0	2		6/19/2013 17:08		3
t-Butanol (TBA)	ND	ug/L	20	2		6/19/2013 17:08		
2-Butanone(MEK)	ND	ug/L	20	2		6/19/2013 17:08		
n-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
sec-Butylbenzene	17	ug/L	4.0	2		6/19/2013 17:08		
t-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
Carbon disulfide	ND	ug/L	4.0	2		6/19/2013 17:08		
Carbon tetrachloride	ND	ug/L	4.0	2		6/19/2013 17:08		
Chlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
Chloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
Chloroform	ND	ug/L	4.0	2		6/19/2013 17:08		
Chloromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
2-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 17:08		
4-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2		6/19/2013 17:08		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684002**	Matrix:	WATER
Sample ID:	**TRY_MW-804**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2-Dibromoethane(EDB)	ND	ug/L	4.0	2		6/19/2013 17:08		
Dibromomethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,4-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,3-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
Dichlorodifluoromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
cis-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:08		
trans-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,3-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:08		
2,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:08		
cis-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:08		
trans-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:08		
Diethyl ether	ND	ug/L	4.0	2		6/19/2013 17:08		
Diisopropyl ether (DIPE)	ND	ug/L	4.0	2		6/19/2013 17:08		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	4.0	2		6/19/2013 17:08		
Ethylbenzene	59	ug/L	4.0	2		6/19/2013 17:08		
Hexachlorobutadiene	ND	ug/L	4.0	2		6/19/2013 17:08		
2-Hexanone	ND	ug/L	20	2		6/19/2013 17:08		
Isopropylbenzene	20	ug/L	4.0	2		6/19/2013 17:08		
p-Isopropyltoluene	19	ug/L	4.0	2		6/19/2013 17:08		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	4.0	2		6/19/2013 17:08		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	20	2		6/19/2013 17:08		
Methyl-t-butylether(MTBE)	ND	ug/L	4.0	2		6/19/2013 17:08		
Methylene Chloride	ND	ug/L	4.0	2		6/19/2013 17:08		
Naphthalene	18	ug/L	4.0	2		6/19/2013 17:08		
n-Propylbenzene	36	ug/L	4.0	2		6/19/2013 17:08		
Styrene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
Tetrachloroethene	ND	ug/L	4.0	2		6/19/2013 17:08		
Tetrahydrofuran(THF)	ND	ug/L	20	2		6/19/2013 17:08		
Toluene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,3,5-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684002**	Matrix:	WATER
Sample ID:	**TRY_MW-804**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1,1-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,1,2-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 17:08		
Trichloroethene	ND	ug/L	4.0	2		6/19/2013 17:08		
Trichlorofluoromethane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,2,3-Trichloropropane	ND	ug/L	4.0	2		6/19/2013 17:08		
1,3,5-Trimethylbenzene	70	ug/L	4.0	2		6/19/2013 17:08		
1,2,4-Trimethylbenzene	223	ug/L	4.0	2		6/19/2013 17:08		
Vinyl Chloride	ND	ug/L	4.0	2		6/19/2013 17:08		
m/p-Xylene	49	ug/L	4.0	2		6/19/2013 17:08		
o-Xylene	40	ug/L	4.0	2		6/19/2013 17:08		
Total Xylenes	90	ug/L	4.0	2		6/19/2013 17:08		
Surrogates								
Dibromofluoromethane	95	%		2		6/19/2013 17:08		
1,2-Dichloroethane-d4	98	%		2		6/19/2013 17:08		
Toluene d8	97	%		2		6/19/2013 17:08		
4-Bromofluorobenzene	100	%		2		6/19/2013 17:08		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684003**	Matrix:	WATER
Sample ID:	**TRY_MW-804 DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	5.83	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Benzyl butyl phthalate	**47**	**ug/L**	10	1	6/13/2013 10:00	6/17/2013 12:31		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Bis(2-ethylhexyl) phthalate	68	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 12:31		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684003**
Sample ID: **TRY_MW-804 DUP**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 12:31		
Surrogates								
Nitrobenzene-d5	78	%		1	6/13/2013 10:00	6/17/2013 12:31		
p-Terphenyl-d14	88	%		1	6/13/2013 10:00	6/17/2013 12:31		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	20	2		6/19/2013 17:38		
Benzene	ND	ug/L	4.0	2		6/19/2013 17:38		
Bromobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
Bromochloromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
Bromodichloromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
Bromoform	ND	ug/L	4.0	2		6/19/2013 17:38		
Bromomethane	ND	ug/L	4.0	2		6/19/2013 17:38		3
t-Butanol (TBA)	ND	ug/L	20	2		6/19/2013 17:38		
2-Butanone(MEK)	ND	ug/L	20	2		6/19/2013 17:38		
n-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
sec-Butylbenzene	16	ug/L	4.0	2		6/19/2013 17:38		
t-Butylbenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
Carbon disulfide	ND	ug/L	4.0	2		6/19/2013 17:38		
Carbon tetrachloride	ND	ug/L	4.0	2		6/19/2013 17:38		
Chlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
Chloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
Chloroform	ND	ug/L	4.0	2		6/19/2013 17:38		
Chloromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
2-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 17:38		
4-Chlorotoluene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	2		6/19/2013 17:38		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684003**	Matrix:	WATER
Sample ID:	**TRY_MW-804 DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2-Dibromoethane(EDB)	ND	ug/L	4.0	2		6/19/2013 17:38		
Dibromomethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,4-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,3-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2-Dichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
Dichlorodifluoromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1-Dichloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
cis-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:38		
trans-1,2-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1-Dichloroethene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,3-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:38		
2,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2-Dichloropropane	ND	ug/L	4.0	2		6/19/2013 17:38		
cis-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:38		
trans-1,3-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1-Dichloropropene	ND	ug/L	4.0	2		6/19/2013 17:38		
Diethyl ether	ND	ug/L	4.0	2		6/19/2013 17:38		
Diisopropyl ether (DIPE)	ND	ug/L	4.0	2		6/19/2013 17:38		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	4.0	2		6/19/2013 17:38		
Ethylbenzene	56	ug/L	4.0	2		6/19/2013 17:38		
Hexachlorobutadiene	ND	ug/L	4.0	2		6/19/2013 17:38		
2-Hexanone	ND	ug/L	20	2		6/19/2013 17:38		
Isopropylbenzene	19	ug/L	4.0	2		6/19/2013 17:38		
p-Isopropyltoluene	18	ug/L	4.0	2		6/19/2013 17:38		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	4.0	2		6/19/2013 17:38		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	20	2		6/19/2013 17:38		
Methyl-t-butylether(MTBE)	ND	ug/L	4.0	2		6/19/2013 17:38		
Methylene Chloride	ND	ug/L	4.0	2		6/19/2013 17:38		
Naphthalene	17	ug/L	4.0	2		6/19/2013 17:38		
n-Propylbenzene	34	ug/L	4.0	2		6/19/2013 17:38		
Styrene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1,1,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1,2,2-Tetrachloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
Tetrachloroethene	ND	ug/L	4.0	2		6/19/2013 17:38		
Tetrahydrofuran(THF)	ND	ug/L	20	2		6/19/2013 17:38		
Toluene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,3,5-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2,4-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684003**	Matrix:	WATER
Sample ID:	**TRY_MW-804 DUP**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1,1-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,1,2-Trichloroethane	ND	ug/L	4.0	2		6/19/2013 17:38		
Trichloroethene	ND	ug/L	4.0	2		6/19/2013 17:38		
Trichlorofluoromethane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,2,3-Trichloropropane	ND	ug/L	4.0	2		6/19/2013 17:38		
1,3,5-Trimethylbenzene	67	ug/L	4.0	2		6/19/2013 17:38		
1,2,4-Trimethylbenzene	211	ug/L	4.0	2		6/19/2013 17:38		
Vinyl Chloride	ND	ug/L	4.0	2		6/19/2013 17:38		
m/p-Xylene	48	ug/L	4.0	2		6/19/2013 17:38		
o-Xylene	39	ug/L	4.0	2		6/19/2013 17:38		
Total Xylenes	87	ug/L	4.0	2		6/19/2013 17:38		
Surrogates								
Dibromofluoromethane	98	%		2		6/19/2013 17:38		
1,2-Dichloroethane-d4	100	%		2		6/19/2013 17:38		
Toluene d8	98	%		2		6/19/2013 17:38		
4-Bromofluorobenzene	100	%		2		6/19/2013 17:38		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684004** Matrix: WATER
Sample ID: **TRY_MW-803** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	3.15	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Bis(2-ethylhexyl) phthalate	32	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 13:15		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303684004** Matrix: WATER
Sample ID: **TRY_MW-803** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Naphthalene	27	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:15		
Surrogates								
Nitrobenzene-d5	71	%		1	6/13/2013 10:00	6/17/2013 13:15		
p-Terphenyl-d14	75	%		1	6/13/2013 10:00	6/17/2013 13:15		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	50	5		6/19/2013 18:08		
Benzene	ND	ug/L	10	5		6/19/2013 18:08		
Bromobenzene	ND	ug/L	10	5		6/19/2013 18:08		
Bromochloromethane	ND	ug/L	10	5		6/19/2013 18:08		
Bromodichloromethane	ND	ug/L	10	5		6/19/2013 18:08		
Bromoform	ND	ug/L	10	5		6/19/2013 18:08		
Bromomethane	ND	ug/L	10	5		6/19/2013 18:08		3
t-Butanol (TBA)	ND	ug/L	50	5		6/19/2013 18:08		
2-Butanone(MEK)	ND	ug/L	50	5		6/19/2013 18:08		
n-Butylbenzene	ND	ug/L	10	5		6/19/2013 18:08		
sec-Butylbenzene	18	ug/L	10	5		6/19/2013 18:08		
t-Butylbenzene	ND	ug/L	10	5		6/19/2013 18:08		
Carbon disulfide	ND	ug/L	10	5		6/19/2013 18:08		
Carbon tetrachloride	ND	ug/L	10	5		6/19/2013 18:08		
Chlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
Chloroethane	ND	ug/L	10	5		6/19/2013 18:08		
Chloroform	ND	ug/L	10	5		6/19/2013 18:08		
Chloromethane	ND	ug/L	10	5		6/19/2013 18:08		
2-Chlorotoluene	ND	ug/L	10	5		6/19/2013 18:08		
4-Chlorotoluene	ND	ug/L	10	5		6/19/2013 18:08		
1,2-Dibromo-3-chloropropane	ND	ug/L	10	5		6/19/2013 18:08		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684004**	Matrix:	WATER
Sample ID:	**TRY_MW-803**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	10	5		6/19/2013 18:08		
1,2-Dibromoethane(EDB)	ND	ug/L	10	5		6/19/2013 18:08		
Dibromomethane	ND	ug/L	10	5		6/19/2013 18:08		
1,4-Dichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
1,3-Dichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
1,2-Dichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
Dichlorodifluoromethane	ND	ug/L	10	5		6/19/2013 18:08		
1,2-Dichloroethane	ND	ug/L	10	5		6/19/2013 18:08		
1,1-Dichloroethane	ND	ug/L	10	5		6/19/2013 18:08		
cis-1,2-Dichloroethene	ND	ug/L	10	5		6/19/2013 18:08		
trans-1,2-Dichloroethene	ND	ug/L	10	5		6/19/2013 18:08		
1,1-Dichloroethene	ND	ug/L	10	5		6/19/2013 18:08		
1,3-Dichloropropane	ND	ug/L	10	5		6/19/2013 18:08		
2,2-Dichloropropane	ND	ug/L	10	5		6/19/2013 18:08		
1,2-Dichloropropane	ND	ug/L	10	5		6/19/2013 18:08		
cis-1,3-Dichloropropene	ND	ug/L	10	5		6/19/2013 18:08		
trans-1,3-Dichloropropene	ND	ug/L	10	5		6/19/2013 18:08		
1,1-Dichloropropene	ND	ug/L	10	5		6/19/2013 18:08		
Diethyl ether	ND	ug/L	10	5		6/19/2013 18:08		
Diisopropyl ether (DIPE)	ND	ug/L	10	5		6/19/2013 18:08		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	10	5		6/19/2013 18:08		
Ethylbenzene	209	ug/L	10	5		6/19/2013 18:08		
Hexachlorobutadiene	ND	ug/L	10	5		6/19/2013 18:08		
2-Hexanone	ND	ug/L	50	5		6/19/2013 18:08		
Isopropylbenzene	47	ug/L	10	5		6/19/2013 18:08		
p-Isopropyltoluene	24	ug/L	10	5		6/19/2013 18:08		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	10	5		6/19/2013 18:08		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	50	5		6/19/2013 18:08		
Methyl-t-butylether(MTBE)	ND	ug/L	10	5		6/19/2013 18:08		
Methylene Chloride	ND	ug/L	10	5		6/19/2013 18:08		
Naphthalene	42	ug/L	10	5		6/19/2013 18:08		
n-Propylbenzene	61	ug/L	10	5		6/19/2013 18:08		
Styrene	ND	ug/L	10	5		6/19/2013 18:08		
1,1,1,2-Tetrachloroethane	ND	ug/L	10	5		6/19/2013 18:08		
1,1,2,2-Tetrachloroethane	ND	ug/L	10	5		6/19/2013 18:08		
Tetrachloroethene	ND	ug/L	10	5		6/19/2013 18:08		
Tetrahydrofuran(THF)	ND	ug/L	50	5		6/19/2013 18:08		
Toluene	118	ug/L	10	5		6/19/2013 18:08		
1,3,5-Trichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
1,2,4-Trichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		

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ANALYTICAL RESULTS

Workorder: A303684 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303684004**	Matrix:	WATER
Sample ID:	**TRY_MW-803**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	10	5		6/19/2013 18:08		
1,1,1-Trichloroethane	ND	ug/L	10	5		6/19/2013 18:08		
1,1,2-Trichloroethane	ND	ug/L	10	5		6/19/2013 18:08		
Trichloroethene	ND	ug/L	10	5		6/19/2013 18:08		
Trichlorofluoromethane	ND	ug/L	10	5		6/19/2013 18:08		
1,2,3-Trichloropropane	ND	ug/L	10	5		6/19/2013 18:08		
1,3,5-Trimethylbenzene	222	ug/L	10	5		6/19/2013 18:08		
1,2,4-Trimethylbenzene	664	ug/L	10	5		6/19/2013 18:08		
Vinyl Chloride	ND	ug/L	10	5		6/19/2013 18:08		
m/p-Xylene	336	ug/L	10	5		6/19/2013 18:08		
o-Xylene	276	ug/L	10	5		6/19/2013 18:08		
Total Xylenes	613	ug/L	10	5		6/19/2013 18:08		
Surrogates								
Dibromofluoromethane	98	%		5		6/19/2013 18:08		
1,2-Dichloroethane-d4	100	%		5		6/19/2013 18:08		
Toluene d8	96	%		5		6/19/2013 18:08		
4-Bromofluorobenzene	100	%		5		6/19/2013 18:08		

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NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
29 HAZEN DR., CONCORD NH 03301
PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96401
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303684
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303684001	**TRIP BLANK**	6/6/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303684002	**TRY_MW-804**	6/6/2013 10:35	SW-8260B,VOC,AQUEOUS	$120.00
A303684002	**TRY_MW-804**	6/6/2013 10:35	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303684002	**TRY_MW-804**	6/6/2013 10:35	8270C,WA, Base Neutral LIST	$150.00
A303684003	**TRY_MW-804**	6/6/2013 10:35	SW-8260B,VOC,AQUEOUS	$120.00
A303684003	**TRY_MW-804**	6/6/2013 10:35	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303684003	**TRY_MW-804**	6/6/2013 10:35	8270C,WA, Base Neutral LIST	$150.00
A303684004	**TRY_MW-803**	6/6/2013 14:45	SW-8260B,VOC,AQUEOUS	$120.00
A303684004	**TRY_MW-803**	6/6/2013 14:45	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303684004	**TRY_MW-803**	6/6/2013 14:45	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
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NH DEPT OF
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29 HAZEN DR
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Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303684
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96401

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.)

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. ^{0}C.** 4

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

Comments:

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548
Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/10/13 0800	2	AQ	X					A303805001 06/10/13 08:00 04-0000307
TRY_MW-802	6/10/13 1225	6	AQ	X	X	X			A303805002 06/10/13 12:25 04-0000307
TRY_MW-801	6/10/13 1550	6	AQ	X	X	X			A303805003 06/10/13 15:50 04-0000307
TRY_MW-6025	6/10/13 1600	6	AQ	X	X	X			A303805004 06/10/13 16:00 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Relinquished By [signature] Date and Time 6/11/13 1500 Received By _____ Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By _____ Date and Time _____ Received By _____

Relinquished By _____ Date and Time 6/11/13 1550 **Received For Laboratory By** [signature]

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-0000307
Temperature of the sample or temperature blank	✓			Temperature 4 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree**?	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles**?		✓		
For **EPA 504.1 and 524.2**, was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or Mail**
Was the sample(s) received in a **cooler**? What was used to lower the temp?	✓			✓ **Ice** __ **Cold Packs(s)** __ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted**? List the samples which were sent and tests requested:				Contract Lab: Date/Time Name of Staff Releasing Sample:

Rev 4
07-01-11

Completed By [signature] Date 6/1/13

NH DIVISION OF
Public Health Services

Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jun 12, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.
Authorized Signature

Enclosures

REPORT OF LABORATORY ANALYSIS

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New Hampshire Public Health Laboratories
Department of Health and Human Services
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Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303805 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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Fax: (603) 271-2997

SAMPLE SUMMARY

Workorder: A303805 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303805001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/10/2013 08:00	6/12/2013	198405082
A303805002	TRY_MW-802	TROY MILLS LF, TROY	WATER	6/10/2013 12:25	6/12/2013	198405082
A303805003	TRY_MW-801	TROY MILLS LF, TROY	WATER	6/10/2013 15:50	6/12/2013	198405082
A303805004	TRY_MW-602S	TROY MILLS LF, TROY	WATER	6/10/2013 16:00	6/12/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303805 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 41%.

[2] Recovery of 2,2-Dichloropropane in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 78%.

[3] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 59%.

[4] Recovery of Bromomethane in the Laboratory Fortified Matrix (LFM) and Laboratory Fortified Matrix Duplicate (LFBD) was not with in the recommended range of 70% - 130%. Recovery was 45% and 52% respectively.

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Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303805001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/17/2013 17:23		
Benzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Bromobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Bromochloromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
Bromodichloromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
Bromoform	ND	ug/L	2.0	1		6/17/2013 17:23		
Bromomethane	ND	ug/L	2.0	1		6/17/2013 17:23		1
t-Butanol (TBA)	ND	ug/L	10	1		6/17/2013 17:23		
2-Butanone(MEK)	ND	ug/L	10	1		6/17/2013 17:23		
n-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
sec-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
t-Butylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Carbon disulfide	ND	ug/L	2.0	1		6/17/2013 17:23		
Carbon tetrachloride	ND	ug/L	2.0	1		6/17/2013 17:23		
Chlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Chloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
Chloroform	ND	ug/L	2.0	1		6/17/2013 17:23		
Chloromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
2-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 17:23		
4-Chlorotoluene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/17/2013 17:23		
Dibromochloromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/17/2013 17:23		
Dibromomethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 17:23		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:23		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:23		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/17/2013 17:23		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:23		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:23		

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Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303805001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/17/2013 17:23		
Diethyl ether	ND	ug/L	2.0	1		6/17/2013 17:23		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/17/2013 17:23		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/17/2013 17:23		
Ethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/17/2013 17:23		
2-Hexanone	ND	ug/L	10	1		6/17/2013 17:23		
Isopropylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/17/2013 17:23		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/17/2013 17:23		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/17/2013 17:23		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/17/2013 17:23		
Methylene Chloride	ND	ug/L	2.0	1		6/17/2013 17:23		
Naphthalene	ND	ug/L	2.0	1		6/17/2013 17:23		
n-Propylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Styrene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
Tetrachloroethene	ND	ug/L	2.0	1		6/17/2013 17:23		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/17/2013 17:23		
Toluene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/17/2013 17:23		
Trichloroethene	ND	ug/L	2.0	1		6/17/2013 17:23		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/17/2013 17:23		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/17/2013 17:23		
Vinyl Chloride	ND	ug/L	2.0	1		6/17/2013 17:23		
m/p-Xylene	ND	ug/L	2.0	1		6/17/2013 17:23		
o-Xylene	ND	ug/L	2.0	1		6/17/2013 17:23		
Total Xylenes	ND	ug/L	2.0	1		6/17/2013 17:23		
Surrogates								
Dibromofluoromethane	110	%		1		6/17/2013 17:23		
1,2-Dichloroethane-d4	110	%		1		6/17/2013 17:23		
Toluene d8	89	%		1		6/17/2013 17:23		
4-Bromofluorobenzene	92	%		1		6/17/2013 17:23		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805002** Matrix: WATER
Sample ID: **TRY_MW-802** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	2.88	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 13:58		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		

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NH DIVISION OF
Public Health Services

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805002** Matrix: WATER
Sample ID: **TRY_MW-802** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 13:58		
Surrogates								
Nitrobenzene-d5	62	%		1	6/13/2013 10:00	6/17/2013 13:58		
p-Terphenyl-d14	80	%		1	6/13/2013 10:00	6/17/2013 13:58		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 15:06		
Benzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
Bromoform	ND	ug/L	2.0	1		6/19/2013 15:06		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 15:06		3
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 15:06		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 15:06		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
sec-Butylbenzene	5.9	ug/L	2.0	1		6/19/2013 15:06		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 15:06		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 15:06		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
Chloroform	ND	ug/L	2.0	1		6/19/2013 15:06		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 15:06		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 15:06		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805002** Matrix: WATER
Sample ID: **TRY_MW-802** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 15:06		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2-Dichlorobenzene	**ND**	**ug/L**	**2.0**	**1**		**6/19/2013 15:06**		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 15:06		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1-Dichloroethene	**ND**	**ug/L**	**2.0**	**1**		**6/19/2013 15:06**		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 15:06		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 15:06		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 15:06		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1-Dichloropropene	**ND**	**ug/L**	**2.0**	**1**		**6/19/2013 15:06**		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 15:06		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 15:06		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 15:06		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 15:06		
2-Hexanone	ND	ug/L	10	1		6/19/2013 15:06		
Isopropylbenzene	2.3	ug/L	2.0	1		6/19/2013 15:06		
p-Isopropyltoluene	3.7	ug/L	2.0	1		6/19/2013 15:06		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 15:06		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 15:06		
Methyl-t-butylether(MTBE)	**ND**	**ug/L**	**2.0**	**1**		**6/19/2013 15:06**		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 15:06		
Naphthalene	2.3	ug/L	2.0	1		6/19/2013 15:06		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
Styrene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1,2,2-Tetrachloroethane	**ND**	**ug/L**	**2.0**	**1**		**6/19/2013 15:06**		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 15:06		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 15:06		
Toluene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303805002**	Matrix:	WATER
Sample ID:	**TRY_MW-802**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 15:06		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 15:06		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 15:06		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 15:06		
1,2,4-Trimethylbenzene	7.0	ug/L	2.0	1		6/19/2013 15:06		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 15:06		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 15:06		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 15:06		
Total Xylenes	ND	ug/L	2.0	1		6/19/2013 15:06		
Surrogates								
Dibromofluoromethane	100	%		1		6/19/2013 15:06		
1,2-Dichloroethane-d4	110	%		1		6/19/2013 15:06		
Toluene d8	94	%		1		6/19/2013 15:06		
4-Bromofluorobenzene	99	%		1		6/19/2013 15:06		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805003** Matrix: WATER
Sample ID: **TRY_MW-801** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	7.31	mg/L	0.050	5	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 14:42		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805003** Matrix: WATER
Sample ID: **TRY_MW-801** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 14:42		
Surrogates								
Nitrobenzene-d5	76	%		1	6/13/2013 10:00	6/17/2013 14:42		
p-Terphenyl-d14	85	%		1	6/13/2013 10:00	6/17/2013 14:42		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/18/2013 00:05		
Benzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Bromobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Bromochloromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
Bromodichloromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
Bromoform	ND	ug/L	2.0	1		6/18/2013 00:05		
Bromomethane	ND	ug/L	2.0	1		6/18/2013 00:05		**1,4**
t-Butanol (TBA)	ND	ug/L	10	1		6/18/2013 00:05		
2-Butanone(MEK)	ND	ug/L	10	1		6/18/2013 00:05		
n-Butylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
sec-Butylbenzene	6.3	ug/L	2.0	1		6/18/2013 00:05		
t-Butylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Carbon disulfide	ND	ug/L	2.0	1		6/18/2013 00:05		
Carbon tetrachloride	ND	ug/L	2.0	1		6/18/2013 00:05		
Chlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Chloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
Chloroform	ND	ug/L	2.0	1		6/18/2013 00:05		
Chloromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
2-Chlorotoluene	ND	ug/L	2.0	1		6/18/2013 00:05		
4-Chlorotoluene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/18/2013 00:05		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805003**
Sample ID: **TRY_MW-801**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/18/2013 00:05		
Dibromomethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/18/2013 00:05		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/18/2013 00:05		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/18/2013 00:05		2
1,2-Dichloropropane	ND	ug/L	2.0	1		6/18/2013 00:05		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/18/2013 00:05		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/18/2013 00:05		
Diethyl ether	ND	ug/L	2.0	1		6/18/2013 00:05		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/18/2013 00:05		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/18/2013 00:05		
Ethylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/18/2013 00:05		
2-Hexanone	ND	ug/L	10	1		6/18/2013 00:05		
Isopropylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/18/2013 00:05		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/18/2013 00:05		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/18/2013 00:05		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/18/2013 00:05		
Methylene Chloride	ND	ug/L	2.0	1		6/18/2013 00:05		
Naphthalene	ND	ug/L	2.0	1		6/18/2013 00:05		
n-Propylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Styrene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
Tetrachloroethene	ND	ug/L	2.0	1		6/18/2013 00:05		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/18/2013 00:05		
Toluene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		

REPORT OF LABORATORY ANALYSIS

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Public Health Services

New Hampshire Public Health Laboratories
Department of Health and Human Services
29 Hazen Dr., Concord NH 03301
Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303805003**	Matrix:	WATER
Sample ID:	**TRY_MW-801**	Sample Type:	SAMPLE
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/18/2013 00:05		
Trichloroethene	ND	ug/L	2.0	1		6/18/2013 00:05		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/18/2013 00:05		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/18/2013 00:05		
Vinyl Chloride	ND	ug/L	2.0	1		6/18/2013 00:05		
m/p-Xylene	ND	ug/L	2.0	1		6/18/2013 00:05		
o-Xylene	ND	ug/L	2.0	1		6/18/2013 00:05		
Total Xylenes	ND	ug/L	2.0	1		6/18/2013 00:05		
Surrogates								
Dibromofluoromethane	110	%		1		6/18/2013 00:05		
1,2-Dichloroethane-d4	110	%		1		6/18/2013 00:05		
Toluene d8	92	%		1		6/18/2013 00:05		
4-Bromofluorobenzene	100	%		1		6/18/2013 00:05		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805004** Matrix: WATER
Sample ID: **TRY_MW-602S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.076	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 15:26		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		

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Phone: (603) 271-3445
Fax: (603) 271-2997

ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805004** Matrix: WATER
Sample ID: **TRY_MW-602S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 15:26		
Surrogates								
Nitrobenzene-d5	74	%		1	6/13/2013 10:00	6/17/2013 15:26		
p-Terphenyl-d14	82	%		1	6/13/2013 10:00	6/17/2013 15:26		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 18:38		
Benzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
Bromoform	ND	ug/L	2.0	1		6/19/2013 18:38		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 18:38		3
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 18:38		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 18:38		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
sec-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 18:38		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 18:38		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
Chloroform	ND	ug/L	2.0	1		6/19/2013 18:38		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 18:38		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 18:38		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805004**
Sample ID: **TRY_MW-602S**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 18:38		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 18:38		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 18:38		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 18:38		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 18:38		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 18:38		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 18:38		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 18:38		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 18:38		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 18:38		
2-Hexanone	ND	ug/L	10	1		6/19/2013 18:38		
Isopropylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/19/2013 18:38		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 18:38		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 18:38		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/19/2013 18:38		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 18:38		
Naphthalene	ND	ug/L	2.0	1		6/19/2013 18:38		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Styrene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 18:38		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 18:38		
Toluene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		

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ANALYTICAL RESULTS

Workorder: A303805 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303805004** Matrix: WATER
Sample ID: **TRY_MW-602S** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 18:38		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 18:38		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 18:38		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 18:38		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 18:38		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 18:38		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 18:38		
Total Xylenes	ND	ug/L	2.0	1		6/19/2013 18:38		
Surrogates								
Dibromofluoromethane	98	%		1		6/19/2013 18:38		
1,2-Dichloroethane-d4	100	%		1		6/19/2013 18:38		
Toluene d8	96	%		1		6/19/2013 18:38		
4-Bromofluorobenzene	94	%		1		6/19/2013 18:38		

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PHONE (603) 271-3445
FAX (603) 271-2997

Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96403
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303805
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303805001	**TRIP BLANK**	6/10/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303805002	**TRY_MW-802**	6/10/2013 12:25	SW-8260B,VOC,AQUEOUS	$120.00
A303805002	**TRY_MW-802**	6/10/2013 12:25	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303805002	**TRY_MW-802**	6/10/2013 12:25	8270C,WA, Base Neutral LIST	$150.00
A303805003	**TRY_MW-801**	6/10/2013 15:50	SW-8260B,VOC,AQUEOUS	$120.00
A303805003	**TRY_MW-801**	6/10/2013 15:50	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303805003	**TRY_MW-801**	6/10/2013 15:50	8270C,WA, Base Neutral LIST	$150.00
A303805004	**TRY_MW-602S**	6/10/2013 16:00	SW-8260B,VOC,AQUEOUS	$120.00
A303805004	**TRY_MW-602S**	6/10/2013 16:00	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303805004	**TRY_MW-602S**	6/10/2013 16:00	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

NEW HAMPSHIRE PUBLIC HEALTH LABORATORIES
DEPARTMENT OF HEALTH AND HUMAN SERVICES
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Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96403
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303805
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96403

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301

NHDPHS LABORATORY SERVICES LOGIN AND CUSTODY SHEET

(Laboratory Policy: Samples not meeting method requirem will be analyzed at the discretion of the NH DPHS, PHL Laboratory.,

Samples must be delivered in a cooler with loose ice.

LAB ACCOUNT (Billing) #04-0000307 **One Stop (PROJECT) ID# SUPERFND** **DES Site Number 198405082** **Temp. ^{0}C.** 4

Description: Troy Mills Landfill Superfund Site Town: Troy NH

NHDES Contact: Robin Mongeon (603) 271- 7378, Sharon Perkins (603) 271- 6805 (Sharon's cell 419-9209)

Comments:

GZA Contact: Amy Doherty (603) 361-4222

Collected By & Phone#: Tanya Justham (603) 493-1548
Heidi Rizza (603) 361-0177

Sample Location /ID	Date/Time Sampled	# of Containers	Matrix	8260B	SVOCs (base neutrals)	Total Mn	Hardness	Comments	Lab ID # (For Lab Use Only)
TRIP BLANK	6/10/13 0800	2	AQ	X					A303806001 06/10/13 08:00 04-0000307
TRY_MW-301x	6/10/13 1350	6	AQ	X	X	X			A303806002 06/10/13 13:50 04-0000307
TRY_MW-A28	6/11/13 0930	6	AQ	X	X	X			A303806003 06/11/13 09:30 04-0000307
TRJ ~~TRY~~ EQUIP BLANK	6/11/13 1050	6	AQ	X	X	X		QED Sample Pro	A303806004 06/11/13 10:50 04-0000307

Preservation: VOCs: HCL/4°C +/-2°C; SVOCs (base neutrals): 4°C +/-2°C; Metals/Hardness: HNO3;

☒ Temperature Blank Included in Cooler

Relinquished By Tanya Justham Date and Time 6/11/13 1500 Received By _____ Matrix: A= Air; S= Soil; SED = Sediments; AQ= Aqueous; O = Other

Relinquished By _____ Date and Time _____ Received By _____

Relinquished By _____ Date and Time 6/11/13 1550 **Received For Laboratory By** [signature]

Page 1 **of** 1 Data Reviewed By [signature] Date 6-27-13

Section No.: 22.0
Revision No.: 5 (HWRB)
Date: 11-2-06
Page 1 of 1

AQUEOUS SAMPLE RECEIPT CHECKLIST (TO BE COMPLETED BY DHHS DPHS PUBLIC HEALTH LABORATORY STAFF ONLY)
NA = Not Applicable

Physical Inspection of the sample containers and submitted paperwork	Yes	No	NA	Inspection Comments and Sample Information
PROJECT (PWS) # current?/ Name	✓			Project (EPA) # or name 04-000030
Temperature of the sample or temperature blank	✓			Temperature 4 °C
Condition of sample(s) acceptable? (Check for **leakage, breakage,** and volume)	✓			
Was the **paperwork** submitted **adequate** and completely filled out? **Hold times** acceptable?	✓			
Do the **paperwork** and sample **labels agree?**	✓			
Preservation listed on the sample bottle(s)?	✓			
Do VOAs or Radon have **air bubbles?**		✓		
For **EPA 504.1 and 524.2,** was the lab-provided Field Reagent Blank returned with samples to the lab?			✓	
How did the laboratory receive the sample(s)?				✓ **Hand delivered or** Mail
Was the sample(s) received in a **cooler?** What was used to lower the temp?	✓			✓ **Ice** ___ **Cold Packs(s)** ___ **Nothing**
Complete the lines below if applicable				
Was the Client contacted by phone? Reason				Date_____ Time_____ Initials_____
Additional Comments:				
If present, was the Custody of Seal intact?				
Was the sample(s) **subcontracted?** List the samples which were sent and tests requested:				Contract Lab: _____ Date/Time Name of Staff Releasing Sample: _____

Rev 4
07-01-11

Completed By [signature] Date 6-11-13

NH DIVISION OF
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Thursday, June 27, 2013

ROBIN MONGEON
NH DEPT OF ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

RE: Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Dear ROBIN MONGEON:

Enclosed are the analytical results for the sample(s) received by the laboratory on Wednesday, Jun 12, 2013. Unless indicated as exceptions, the sample(s) met EPA requirements for hold times, preservation techniques, container types and other receipt conditions. Please contact us if you need measurement uncertainty values associated with radiological parameters. Results reported conform to the most current NELAC standard, where applicable, unless otherwise narrated in the body of the report. Any results reported for samples subcontracted to another laboratory are indicated on the report. Please refer to http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx for a copy of our current NELAP certificate and accredited parameters.

We appreciate the opportunity to provide this analytical service for you. If you have any questions regarding this report or your results, please feel free to contact us.

The following signature indicates technical review and acceptance of the data.

Sincerely,

Lucio S. Barinelli, Ph.D.

Authorized Signature

Enclosures

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Phone: (603) 271-3445
Fax: (603) 271-2997

DATA QUALIFIER DESCRIPTIONS

Workorder: A303806 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

The following are a list of some column headers and abbreviations with their meanings as used throughout the analysis report. Referring to them will assist you in interpreting your report.

RDL= The lowest value the laboratory calibrates its instrumentation for this parameter. Any instrumental estimate of results below the Report Limit is reported as Not Detected (ND).

DF= For some heavily contaminated samples, the laboratory must dilute samples to keep the final number within its calibration scale. This is referred to as the Dilution Factor. Final results and reporting limits are adjusted relative to the DF used.

QUAL= Indicates that the result has been qualified. Refer to the Analytical Report Comments and Qualifiers page for details.

LIMIT= Reflects the Maximum Contamination Level (MCL), if one exists, a secondary or recommended level or another State or Federal action level.

Surrogates = For some analyses, the laboratory adds a number of compounds to monitor analytical performance. These results are provided for your information.

> = Greater than	< = Less than
mg/L = milligrams per Liter	ug/L = micrograms per Liter
mg/kg = milligrams per kilogram	ug/kg = micrograms per kilogram
P-A = Present/Absent	CTS/100 mL = Counts per 100 milliliters
CFU = Colony forming unit	MPN = Most Probable Number
pCi/L = picoCuries per Liter	

J = Estimated value; analyte detected at less than the Reporting Limit but greater than the laboratory's Method Detection Limit.

B = Analyte detected in the method blank for the batch of samples. Its presence in the sample may be suspect.

E = Estimated value; result exceeded the upper calibration level for the parameter.

Radiological results are expressed as a number + an uncertainty factor. Uncertainty is a calculated measure of the precision around the reported value.

All results for pH and residual chlorine samples analyzed more than 15 minutes after time of collection shall be considered QUALIFIED.

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SAMPLE SUMMARY

Workorder: A303806 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID	Sample ID	Ref ID	Matrix	Date Collected	Date Received	Misc Info
A303806001	TRIP BLANK	TROY MILLS LF, TROY	WATER	6/10/2013 08:00	6/12/2013	198405082
A303806002	TRY_MW-301X	TROY MILLS LF, TROY	WATER	6/10/2013 13:50	6/12/2013	198405082
A303806003	TRY_MW-A28	TROY MILLS LF, TROY	WATER	6/11/2013 09:30	6/12/2013	198405082
A303806004	EQUIP BLANK	TROY MILLS LF, TROY-QED SAMPLE PRO	WATER	6/11/2013 10:50	6/12/2013	198405082

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ANALYTICAL REPORT COMMENTS AND QUALIFIERS

Workorder: A303806 - SUPERFND

Project ID: 04-0000307 - TROY MILLS - TROY

Parameter Footnotes

[1] Recovery of Bromomethane in the Laboratory Fortified Blank (LFB) was not with in the recommended range of 70% - 130%. Recovery was 59%.

[2] Recovery of cis-1,2-Dichloroethene in the batch ending Continuing Calibration Check (CCC) was not with in the recommended range of 80% - 120%. Recovery was 130%.

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID:	**A303806001**	Matrix:	WATER
Sample ID:	**TRIP BLANK**	Sample Type:	TRIP BLANK-QC
Description:	TROY MILLS LF, TROY	Collector :	TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 13:35		
Benzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
Bromoform	ND	ug/L	2.0	1		6/19/2013 13:35		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 13:35		1
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 13:35		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 13:35		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
sec-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 13:35		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 13:35		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
Chloroform	ND	ug/L	2.0	1		6/19/2013 13:35		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 13:35		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 13:35		
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 13:35		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 13:35		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 13:35		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 13:35		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 13:35		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 13:35		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806001**
Sample ID: **TRIP BLANK**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: TRIP BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,1-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 13:35		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 13:35		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 13:35		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 13:35		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 13:35		
2-Hexanone	ND	ug/L	10	1		6/19/2013 13:35		
Isopropylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/19/2013 13:35		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 13:35		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 13:35		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/19/2013 13:35		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 13:35		
Naphthalene	ND	ug/L	2.0	1		6/19/2013 13:35		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Styrene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 13:35		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 13:35		
Toluene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 13:35		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 13:35		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 13:35		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 13:35		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 13:35		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 13:35		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 13:35		
Total Xylenes	ND	ug/L	2.0	1		6/19/2013 13:35		
Surrogates								
Dibromofluoromethane	97	%		1		6/19/2013 13:35		
1,2-Dichloroethane-d4	100	%		1		6/19/2013 13:35		
Toluene d8	97	%		1		6/19/2013 13:35		
4-Bromofluorobenzene	96	%		1		6/19/2013 13:35		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806002** Matrix: WATER
Sample ID: **TRY_MW-301X** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.651	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 16:10		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806002** Matrix: WATER
Sample ID: **TRY_MW-301X** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:10		
Surrogates								
Nitrobenzene-d5	76	%		1	6/13/2013 10:00	6/17/2013 16:10		
p-Terphenyl-d14	78	%		1	6/13/2013 10:00	6/17/2013 16:10		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 19:09		
Benzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
Bromoform	ND	ug/L	2.0	1		6/19/2013 19:09		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 19:09		1
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 19:09		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 19:09		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
sec-Butylbenzene	5.2	ug/L	2.0	1		6/19/2013 19:09		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 19:09		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 19:09		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
Chloroform	ND	ug/L	2.0	1		6/19/2013 19:09		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 19:09		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 19:09		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806002**
Sample ID: **TRY_MW-301X**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 19:09		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
cis-1,2-Dichloroethene	2.5	ug/L	2.0	1		6/19/2013 19:09		2
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:09		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:09		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:09		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:09		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 19:09		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 19:09		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 19:09		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 19:09		
2-Hexanone	ND	ug/L	10	1		6/19/2013 19:09		
Isopropylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/19/2013 19:09		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 19:09		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 19:09		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/19/2013 19:09		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 19:09		
Naphthalene	ND	ug/L	2.0	1		6/19/2013 19:09		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Styrene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 19:09		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 19:09		
Toluene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806002**
Sample ID: **TRY_MW-301X**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 19:09		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 19:09		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 19:09		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 19:09		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 19:09		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 19:09		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 19:09		
Total Xylenes	ND	ug/L	2.0	1		6/19/2013 19:09		
Surrogates								
Dibromofluoromethane	97	%		1		6/19/2013 19:09		
1,2-Dichloroethane-d4	100	%		1		6/19/2013 19:09		
Toluene d8	95	%		1		6/19/2013 19:09		
4-Bromofluorobenzene	95	%		1		6/19/2013 19:09		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806003** Matrix: WATER
Sample ID: **TRY_MW-A28** Sample Type: SAMPLE
Description: TROY MILLS LF, TROY Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	0.689	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Bis(2-ethylhexyl) phthalate	11	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 16:55		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806003**
Sample ID: **TRY_MW-A28**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 16:55		
Surrogates								
Nitrobenzene-d5	54	%		1	6/13/2013 10:00	6/17/2013 16:55		
p-Terphenyl-d14	79	%		1	6/13/2013 10:00	6/17/2013 16:55		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 19:39		
Benzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
Bromoform	ND	ug/L	2.0	1		6/19/2013 19:39		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 19:39		1
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 19:39		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 19:39		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
sec-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 19:39		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 19:39		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
Chloroform	ND	ug/L	2.0	1		6/19/2013 19:39		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 19:39		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 19:39		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: A303806003
Sample ID: TRY_MW-A28
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 19:39		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 19:39		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:39		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 19:39		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:39		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 19:39		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 19:39		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 19:39		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 19:39		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 19:39		
2-Hexanone	ND	ug/L	10	1		6/19/2013 19:39		
Isopropylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/19/2013 19:39		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 19:39		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 19:39		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/19/2013 19:39		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 19:39		
Naphthalene	ND	ug/L	2.0	1		6/19/2013 19:39		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
Styrene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 19:39		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 19:39		
Toluene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806003**
Sample ID: **TRY_MW-A28**
Description: TROY MILLS LF, TROY

Matrix: WATER
Sample Type: SAMPLE
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 19:39		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 19:39		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 19:39		
1,3,5-Trimethylbenzene	15	ug/L	2.0	1		6/19/2013 19:39		
1,2,4-Trimethylbenzene	18	ug/L	2.0	1		6/19/2013 19:39		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 19:39		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 19:39		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 19:39		
Total Xylenes	3.0	ug/L	2.0	1		6/19/2013 19:39		
Surrogates								
Dibromofluoromethane	98	%		1		6/19/2013 19:39		
1,2-Dichloroethane-d4	100	%		1		6/19/2013 19:39		
Toluene d8	98	%		1		6/19/2013 19:39		
4-Bromofluorobenzene	110	%		1		6/19/2013 19:39		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806004**
Sample ID: **EQUIP BLANK**
Description: TROY MILLS LF, TROY-QED SAMPLE PRO

Matrix: WATER
Sample Type: EQUIPMENT BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Inorganics								
Preparation Method: EPA 200.2								
Analytical Method: EPA 200.7								
Manganese	ND	mg/L	0.010	1	6/13/2013 09:50	6/14/2013 09:48	0.05	
Semi-Volatiles								
Preparation Method: SW-846 3510C								
Analytical Method: SW-846 8270C								
Acenaphthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Acenaphthylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Azobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzo(a)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzo(a)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzo(b)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzo(g,h,i)perylene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzo(k)fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Benzyl butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Bis(2-Chloroethoxy)methane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Bis(2-Chloroethyl)ether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Bis(2-ethylhexyl) phthalate	ND	ug/L	5.0	1	6/13/2013 10:00	6/17/2013 17:39		
4-Bromophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Carbazole	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
2-Chloronaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
4-Chlorophenyl-phenylether	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Chrysene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Di(2-ethylhexyl)adipate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Di-n-butyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Di-n-octylphthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Dibenz(a,h)anthracene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Dibenzofuran	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
3,3'-Dichlorobenzidine	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Diethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Dimethyl phthalate	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
1,2-Dinitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
2,4-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
2,6-Dinitrotoluene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Fluoranthene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Fluorene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Hexachlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806004** Matrix: WATER
Sample ID: **EQUIP BLANK** Sample Type: EQUIPMENT BLANK-QC
Description: TROY MILLS LF, TROY-QED SAMPLE PRO Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Hexachlorobutadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Hexachlorocyclopentadiene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Hexachloroethane	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Isophorone	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
1-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
2-Methylnaphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Naphthalene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Nitrobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Phenanthrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Pyrene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
1,2,4-Trichlorobenzene	ND	ug/L	10	1	6/13/2013 10:00	6/17/2013 17:39		
Surrogates								
Nitrobenzene-d5	65	%		1	6/13/2013 10:00	6/17/2013 17:39		
p-Terphenyl-d14	85	%		1	6/13/2013 10:00	6/17/2013 17:39		
Volatiles								
Analytical Method: SW-846 8260B								
Acetone	ND	ug/L	10	1		6/19/2013 14:36		
Benzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Bromobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Bromochloromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
Bromodichloromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
Bromoform	ND	ug/L	2.0	1		6/19/2013 14:36		
Bromomethane	ND	ug/L	2.0	1		6/19/2013 14:36		1
t-Butanol (TBA)	ND	ug/L	10	1		6/19/2013 14:36		
2-Butanone(MEK)	ND	ug/L	10	1		6/19/2013 14:36		
n-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
sec-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
t-Butylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Carbon disulfide	ND	ug/L	2.0	1		6/19/2013 14:36		
Carbon tetrachloride	ND	ug/L	2.0	1		6/19/2013 14:36		
Chlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Chloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
Chloroform	ND	ug/L	2.0	1		6/19/2013 14:36		
Chloromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
2-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 14:36		
4-Chlorotoluene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		6/19/2013 14:36		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806004** Matrix: WATER
Sample ID: **EQUIP BLANK** Sample Type: EQUIPMENT BLANK-QC
Description: TROY MILLS LF, TROY-QED SAMPLE PRO Collector : **TANYA JUSTHAM**

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
Dibromochloromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2-Dibromoethane(EDB)	ND	ug/L	2.0	1		6/19/2013 14:36		
Dibromomethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,4-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,3-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2-Dichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Dichlorodifluoromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1-Dichloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
cis-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 14:36		
trans-1,2-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1-Dichloroethene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,3-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 14:36		
2,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2-Dichloropropane	ND	ug/L	2.0	1		6/19/2013 14:36		
cis-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 14:36		
trans-1,3-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1-Dichloropropene	ND	ug/L	2.0	1		6/19/2013 14:36		
Diethyl ether	ND	ug/L	2.0	1		6/19/2013 14:36		
Diisopropyl ether (DIPE)	ND	ug/L	2.0	1		6/19/2013 14:36		
Ethyl-t-butyl ether (ETBE)	ND	ug/L	2.0	1		6/19/2013 14:36		
Ethylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Hexachlorobutadiene	ND	ug/L	2.0	1		6/19/2013 14:36		
2-Hexanone	ND	ug/L	10	1		6/19/2013 14:36		
Isopropylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
p-Isopropyltoluene	ND	ug/L	2.0	1		6/19/2013 14:36		
2-Methoxy-2-methylbutane(TAME)	ND	ug/L	2.0	1		6/19/2013 14:36		
4-Methyl-2-pentanone(MIBK)	ND	ug/L	10	1		6/19/2013 14:36		
Methyl-t-butylether(MTBE)	ND	ug/L	2.0	1		6/19/2013 14:36		
Methylene Chloride	ND	ug/L	2.0	1		6/19/2013 14:36		
Naphthalene	ND	ug/L	2.0	1		6/19/2013 14:36		
n-Propylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Styrene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
Tetrachloroethene	ND	ug/L	2.0	1		6/19/2013 14:36		
Tetrahydrofuran(THF)	ND	ug/L	10	1		6/19/2013 14:36		
Toluene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,3,5-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2,4-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		

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ANALYTICAL RESULTS

Workorder: A303806 - SUPERFND
Project ID: 04-0000307 - TROY MILLS - TROY

Lab ID: **A303806004**
Sample ID: **EQUIP BLANK**
Description: TROY MILLS LF, TROY-QED SAMPLE PRO

Matrix: WATER
Sample Type: EQUIPMENT BLANK-QC
Collector : TANYA JUSTHAM

Parameters	Results	Units	RDL	DF	Prepared	Analyzed	Limit	Qual
1,2,3-Trichlorobenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1,1-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,1,2-Trichloroethane	ND	ug/L	2.0	1		6/19/2013 14:36		
Trichloroethene	ND	ug/L	2.0	1		6/19/2013 14:36		
Trichlorofluoromethane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2,3-Trichloropropane	ND	ug/L	2.0	1		6/19/2013 14:36		
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
1,2,4-Trimethylbenzene	ND	ug/L	2.0	1		6/19/2013 14:36		
Vinyl Chloride	ND	ug/L	2.0	1		6/19/2013 14:36		
m/p-Xylene	ND	ug/L	2.0	1		6/19/2013 14:36		
o-Xylene	ND	ug/L	2.0	1		6/19/2013 14:36		
Total Xylenes	ND	ug/L	2.0	1		6/19/2013 14:36		
Surrogates								
Dibromofluoromethane	100	%		1		6/19/2013 14:36		
1,2-Dichloroethane-d4	110	%		1		6/19/2013 14:36		
Toluene d8	95	%		1		6/19/2013 14:36		
4-Bromofluorobenzene	94	%		1		6/19/2013 14:36		

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Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96404
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303806
Project ID 04-0000307 - TROY MILLS - TROY

Charge Details

Lab ID	Sample ID	Collected	Test Description	Charge
A303806001	**TRIP BLANK**	6/10/2013 08:00	SW-8260B,VOC,AQUEOUS	$120.00
A303806002	**TRY_MW-301X**	6/10/2013 13:50	SW-8260B,VOC,AQUEOUS	$120.00
A303806002	**TRY_MW-301X**	6/10/2013 13:50	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303806002	**TRY_MW-301X**	6/10/2013 13:50	8270C,WA, Base Neutral LIST	$150.00
A303806003	**TRY_MW-A28**	6/11/2013 09:30	SW-8260B,VOC,AQUEOUS	$120.00
A303806003	**TRY_MW-A28**	6/11/2013 09:30	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303806003	**TRY_MW-A28**	6/11/2013 09:30	8270C,WA, Base Neutral LIST	$150.00
A303806004	**EQUIP BLANK**	6/11/2013 10:50	SW-8260B,VOC,AQUEOUS	$120.00
A303806004	**EQUIP BLANK**	6/11/2013 10:50	MANGANESE,EPA 200.7,ICP,AQUEOUS	$15.00
A303806004	**EQUIP BLANK**	6/11/2013 10:50	8270C,WA, Base Neutral LIST	$150.00
			Invoice Total	$975.00

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Invoice

Invoice To ROBIN MONGEON
NH DEPT OF
ENVIRONMENTAL SERVICES
29 HAZEN DR
CONCORD NH 03301

Invoice Number 96404
Invoice Date 6/27/2013
Due Date 7/27/2013
Account ID 04-0000307
PO

CC

Workorder A303806
Project ID 04-0000307 - TROY MILLS - TROY

Payment Details

PLEASE RETURN BOTTOM WITH PAYMENT

Make checks payable to:
Treasurer State of NH

Please pay this amount:
$975.00

Client: 04-0000307
Invoice Number: 96404

Remit To NHPHL - WATER ANALYSIS LABORATORY
29 HAZEN DR
CONCORD NH 03301